

SOLICITATION, OFFER AND AWARD			1. This Contract is a Rated Order under the Defense Priorities and Allocations System (DPAS) - Code of Federal Regulations - at 15 CFR 700.			RATING		PAGE OF PAGES 1 893		
2. CONTRACT NUMBER 89303325DEM000122			3. SOLICITATION NUMBER		4. TYPE OF SOLICITATION ☐ SEALED BID (IFB) INVITATION FOR BID ☒ NEGOTIATED (RFP) REQUEST FOR PROPOSAL		5. DATE ISSUED		6. REQUISITION/PURCHASE NUMBER See Schedule	
7. ISSUED BY CODE 893033 EM -Environmental Mgmt Con Bus Ctr EMCBC U.S. Department of Energy EM Consolidated Business Center 550 Main Street, Room 7-010 Cincinnati OH 45202			8. ADDRESS OFFER TO (If other than Item 7)							
NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".										
SOLICITATION										
9. Sealed offers in original and _____ copies for furnishing the supplies or services in the Schedule will be received at the place specified in Item 8, or if hand carried, in the depository located in _____ until _____ (Hour) local time _____ (Date)										
CAUTION: LATE Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.										
10. FOR INFORMATION CALL:		A. NAME Christopher P. Nettle		B. TELEPHONE (NO COLLECT CALLS) AREA CODE 520 NUMBER 227-0172 EXT.			C. E-MAIL ADDRESS christopher.nettle@emcbc.doe.gov			
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OFFER (Must be fully completed by offeror)										
NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.										
12. In compliance with the above, the undersigned agrees, if this offer is accepted within _____ 0 _____ calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.										
13. DISCOUNT FOR PROMPT PAYMENT (See Section I, Clause No. 52.232.8)			10 CALENDAR DAYS (%) NET 30		20 CALENDAR DAYS (%)		30 CALENDAR DAYS (%)		CALENDAR DAYS (%)	
14. ACKNOWLEDGEMENT OF AMENDMENTS (The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated):			AMENDMENT NO.		DATE		AMENDMENT NO.		DATE	
15A. NAME AND ADDRESS OF OFFEROR CODE X6QUFXZRKZW4 FACILITY MISSION CONVERSION SERVICES ALLIANCE, LLC Attn: Aimee Roush 545 Oak Ridge Tpke Oak Ridge TN 378307187			16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)							
15B. TELEPHONE NUMBER AREA CODE NUMBER EXTENSION			15C. CHECK IF REMITTANCE ADDRESS ☐ IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.			17. SIGNATURE		18. OFFER DATE		
AWARD (To be completed by government)										
19. ACCEPTED AS TO ITEMS NUMBERED			20. AMOUNT \$2,330,741,229.00		21. ACCOUNTING AND APPROPRIATION See schedule					
22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION UNDER THE UNITED STATES CODE AT: ☐ 10 U.S.C. 3204 (a) () ☐ 41 U.S.C. 3304 (a) ()					23. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 copies unless otherwise specified)		ITEM			
24. ADMINISTERED BY (If other than Item 7) See Schedule G CODE 03002					25. PAYMENT WILL BE MADE BY CODE					
26. NAME OF CONTRACTING OFFICER (Type or print) Carin P. Boyd					27. UNITED STATES OF AMERICA CARIN BOYD Digitally signed by CARIN BOYD Date: 2024.11.08 09:24:20 -05'00' (Signature of Contracting Officer)			28. AWARD DATE 11/8/2024		
IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice. AUTHORIZED FOR LOCAL REPRODUCTION Previous edition is unusable										
STANDARD FORM 33 (REV. 12/2022) Prescribed by GSA - FAR (48 CFR) 53.214(c)										

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NAME OF OFFEROR OR CONTRACTOR
MISSION CONVERSION SERVICES ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00001	UEI: X6QUFXZRKZW4 See additional page for details. Delivery Location Code: 03002 EMCBC - Portsmouth-Paducah US Department of Energy Portsmouth-Paducah Project Office 1017 Majestic Drive, Suite 200 Lexington KY 40513 Payment: Transition Period (CR, No Fee) Award Type: Cost Total Estimated Cost: \$7,449,100.00 Line item value is: \$7,449,100.00 Incrementally Funded Amount: \$500,110.00 Requisition No: 25EM000003 Delivery: 1 Days After Notice to Proceed Accounting Info: 01250-2025-33-490810-25231-1111112-0001497-0000000 -0000000 Fund: 01250 Appr Year: 2025 Allottee: 33 Report Entity: 490810 Object Class: 25231 Program: 1111112 Project: 0001497 WFO: 0000000 Local Use: 0000000 Funded: \$16,400.00 Accounting Info: 01250-2025-33-490811-25231-1111121-0001506-0000000 -0000000 Fund: 01250 Appr Year: 2025 Allottee: 33 Report Entity: 490811 Object Class: 25231 Program: 1111121 Project: 0001506 WFO: 0000000 Local Use: 0000000 Funded: \$23,900.00 Accounting Info: 01751-2025-33-490810-25499-1110969-0001495-0000000 -0000000 Fund: 01751 Appr Year: 2025 Allottee: 33 Report Entity: 490810 Object Class: 25499 Program: 1110969 Project: 0001495 WFO: 0000000 Local Use: 0000000 Funded: \$152,000.00 Accounting Info: 01751-2025-33-490811-25499-1110974-0001504-0000000 -0000000 Fund: 01751 Appr Year: 2025 Allottee: 33 Report Entity: 490811 Object Class: 25499 Program: 1110974 Project: 0001504 WFO: 0000000 Local Use: 0000000 Funded: \$152,000.00 Accounting Info: 03000-2025-33-490810-25499-1111523-0001498-0000000 -0000000 Fund: 03000 Appr Year: 2025 Allottee: 33 Continued ...				7,449,100.00

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NAME OF OFFEROR OR CONTRACTOR
MISSION CONVERSION SERVICES ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Report Entity: 490810 Object Class: 25499 Program: 1111523 Project: 0001498 WFO: 0000000 Local Use: 0000000 Funded: \$57,650.00 Accounting Info: 03000-2025-33-490811-25499-1111524-0001507-0000000 -0000000 Fund: 03000 Appr Year: 2025 Allottee: 33 Report Entity: 490811 Object Class: 25499 Program: 1111524 Project: 0001507 WFO: 0000000 Local Use: 0000000 Funded: \$98,160.00				
00101	Base Operations and Services Award Type: Cost-plus-award-fee Total Estimated Cost: \$893,928,685.00 Base Fee: \$0.00 Award Fee: \$60,675,215.00 Line item value is: \$954,603,900.00 Incrementally Funded Amount: \$0.00 Delivery: 121 Days After Notice to Proceed Accounting Info: 00000-0000-00-0000000-000000-00000000-00000000-00000000 -0000000 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: \$0.00				954,603,900.00
00102	Defense Operations Award Type: Cost-plus-award-fee Total Estimated Cost: \$81,408,350.00 Base Fee: \$0.00 Award Fee: \$6,291,521.00 Line item value is: \$87,699,871.00 Delivery: 121 Days After Notice to Proceed Accounting Info: 00000-0000-00-0000000-000000-00000000-00000000-00000000 -0000000 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: \$0.00				87,699,871.00
00103	Administration of Pension and Benefit Plans at Portsmouth and Paducah Sites Line item value is: \$9,550,000.00 Delivery: 121 Days After Notice to Proceed Continued ...				9,550,000.00

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NAME OF OFFEROR OR CONTRACTOR
MISSION CONVERSION SERVICES ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Accounting Info: 00000-0000-00-000000-000000-1001233-00000000-00000000 -00000000 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 1001233 Project: 00000000 WFO: 00000000 Local Use: 00000000 Funded: \$0.00				
00104	Additional Assignments in Accordance with Performance Work Statement (PWS) Section C.10 Obligated Amount: \$0.00 Delivery: 1 Days After Receipt of Order				50,000,000.00
00201	Base Operations and Services (Option Period 1) Award Type: Cost-plus-award-fee Total Estimated Cost: \$577,383,863.00 Base Fee: \$0.00 Award Fee: \$39,816,375.00 Amount: \$617,200,238.00 (Option Line Item) Line item value is: \$617,200,238.00 Delivery: 30 Days After Award Accounting Info: 00000-0000-00-000000-000000-00000000-00000000-00000000 -00000000 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 00000000 Project: 00000000 WFO: 00000000 Local Use: 00000000 Funded: \$0.00				617,200,238.00
00202	Defense Operations Award Type: Cost-plus-award-fee Total Estimated Cost: \$59,144,203.00 Base Fee: \$0.00 Award Fee: \$4,570,870.00 Amount: \$63,715,073.00 (Option Line Item) Line item value is: \$63,715,073.00 Delivery: 30 Days After Award Accounting Info: 00000-0000-00-000000-000000-00000000-00000000-00000000 -00000000 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 00000000 Project: 00000000 WFO: 00000000 Local Use: 00000000 Funded: \$0.00				63,715,073.00
00203	Administration of Pension and Benefit Plans at Portsmouth and Paducah Sites Continued ...				5,730,000.00

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NAME OF OFFEROR OR CONTRACTOR
MISSION CONVERSION SERVICES ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Amount: \$5,730,000.00 (Option Line Item) Line item value is: \$5,730,000.00 Delivery: 30 Days After Award Accounting Info: 00000-0000-00-000000-00000-00000000-00000000-00000000 -00000000 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: \$0.00				
00204	Additional Assignments in Accordance with PWS Section C.10 Amount: \$30,000,000.00 (Option Line Item) Delivery: 30 Days After Award				30,000,000.00
00301	Base Operations and Services (Option Period 2) Amount: \$434,904,445.00 (Option Line Item) Line item value is: \$434,904,445.00 Delivery: 30 Days After Award Accounting Info: 00000-0000-00-000000-00000-00000000-00000000-00000000 -00000000 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: \$0.00				434,904,445.00
00302	Defense Operations Amount: \$46,068,602.00 (Option Line Item) Line item value is: \$46,068,602.00 Delivery: 30 Days After Award Accounting Info: 00000-0000-00-000000-00000-00000000-00000000-00000000 -00000000 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: \$0.00				46,068,602.00
00303	Administration of Pension and Benefit Plans at Portsmouth and Paducah Sites Amount: \$3,820,000.00 (Option Line Item) Line item value is: \$3,820,000.00 Delivery: 30 Days After Award Continued ...				3,820,000.00

NAME OF OFFEROR OR CONTRACTOR
MISSION CONVERSION SERVICES ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00304	Accounting Info: 00000-0000-00-000000-00000-00000000-00000000-00000000 -0000000 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Additional Assignments in Accordance with PWS Section C.10 Amount: \$20,000,000.00 (Option Line Item) Delivery: 30 Days After Award				20,000,000.00

PPPO OPERATIONS AND SITE MISSION SUPPORT (OSMS)
CONTRACT NO. 89303325DEM000122

SOLICITATION, OFFER AND AWARD			1. THIS CONTRACT IS A RATED ORDER UNDER DPA (15 CFR 700)		RATING		PAGE OF PAGES 1 985	
2. CONTRACT NUMBER			3. SOLICITATION NUMBER 89303325DEM000070		4. TYPE OF SOLICITATION ☐ SEALED BID (FB) ☒ NEGOTIATED (RFP)		5. DATE ISSUED 03/18/2024	
7. ISSUED BY EM -Environmental Mgmt Con Bus Ctr EMCBC U.S. Department of Energy EM Consolidated Business Center 550 Main Street, Room 7-010 Cincinnati OH 45202			8. ADDRESS OF FEE TO (Other than item 7)					
NOTE: In sealed bid solicitation "offer" and "offeror" mean "bid" and "bidder".								
SOLICITATION								
9. Sealed offers in original and 1 copies for furnishing the supplies or services in the Schedule will be received at the place specified in item 8, or if hand carried, in the depository located in _____ until 1700 ED local time 04/17/2024 (hour) (date)								
CAUTION: Late Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.								
10. FOR INFORMATION CALL:			A. NAME Kimberly A. Tate		B. TELEPHONE (NO COLLECT CALLS) AREA CODE NUMBER EXT. 513 246-0102		C. EMAIL ADDRESS kimberly.tate@emcbc.doe.gov	
11. TABLE OF CONTENTS								
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☒	B	SUPPLIER SERVICE AND PROVISIONS		PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACH.				
☒	C	DESCRIPTIONS, SPECIFICATIONS AND STATEMENT		☒	J	LIST OF ATTACHMENTS		
☒	D	PACKAGING AND MARKING		PART IV - REPRESENTATIONS AND INSTRUCTIONS				
☒	E	INSPECTION AND ACCEPTANCE		☒	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS		
☒	F	DELIVERIES OR PERFORMANCE		☒	L	INSTR., CONDITIONS, AND NOTICES TO OFFERORS		
☒	G	CONTRACT ADMINISTRATION DATA		☒	M	EVALUATION FACTORS FOR AWARD		
☒	H	SPECIAL CONTRACT REQUIREMENTS						
OFFER (Must be fully completed by offeror)								
NOTE: Item 12 does not apply if the solicitation includes the provision at 62.214-18, Minimum Bid Assurances Period.								
12. In compliance with the above, the undersigned agrees, if this offer is accepted within 365 calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated points, within the time specified in the schedule.								
13. DELIVERY FOR PROMPT PAYMENT (See Section I, Clause No. 52.232)			10 CALENDAR DAYS (%) N/A		20 CALENDAR DAYS (%) N/A		30 CALENDAR DAYS (%) N/A	
14. ACKNOWLEDGEMENT OF AMENDMENTS (The offeror acknowledges receipt of amendments to the SOLICITATION for offers and related documents numbered and dated:)			AMENDMENT NO. 0001 0002		DATE 6/17/2022 6/27/2022		AMENDMENT NO. 0003 0004 (canceled) & 0005	
15A. NAME AND ADDRESS OF OFFEROR Mission Conversion Services Alliance, LLC 545 Oak Ridge Turnpike Oak Ridge, TN 37830-7187			CODE 9BKB7		FACILITY Pending		15B. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print) James E. Rugg Responsible Corporate Official, Mission Conversion Services Alliance, LLC / President, Atkins Nuclear Secured, LLC	
15B. TELEPHONE NUMBER AREA CODE NUMBER EXT. 865 813-5600			15C. CHECK IF REMITTANCE ADDRESS ☐ IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.			17. SIGNATURE 		18. OFFER DATE 4/17/2024
AWARD (To be completed by government)								
19. ACCEPTED AS TO ITEMS NUMBERED			20. AMOUNT			21. ACCOUNTING AND APPROPRIATION		
22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION: ☐ 10 U.S.C. 2304 (a) () ☐ 41 U.S.C. 253 (a) ()			23. SUBMIT INVOICES TO ADDRESS SHOWN IN (# copies unless otherwise specified)			FBI		
24. ADMINISTERED BY (if other than item 7) CODE			25. PAYMENT WILL BE MADE BY CODE					
26. NAME OF CONTRACTING OFFICER (Type or print) Kimberly A. Tate			27. UNITED STATES OF AMERICA (Signature of Contracting Officer)			28. AWARD DATE		
IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official with notice. AUTHORIZED FOR LOCAL REPRODUCTION Previous edition is unusable.								
STANDARD FORM 33 (Rev. 8-87) Prescribed by GSA - FAR (48 CFR) 53.214(c)								

PART 1 – THE SCHEDULE

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

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SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 DOE-B-2012 Supplies/Services Being Procured/Delivery Requirements (Oct 2014)

The Contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as may be expressly set for in this contract as furnished by the Government) and otherwise do all things necessary for, or incident to, the performance of work as described in Section C, Performance Work Statement under this Contract and any resulting Task Orders under the Indefinite Delivery Indefinite Quantity (IDIQ) Contract Line Item Numbers (CLINs).

For Task Orders under IDIQ CLINs, the Contractor shall provide the requested services, within the minimum and maximum quantities as specified in Section B.4 below, on a schedule to be specified by the Government in accordance with **H.50, Task Ordering Procedure**.

B.2 Type of Contract

This is a Cost-Plus-Award-Fee (CPAF) Contract with Cost-Reimbursement (CR) and IDIQ CLINs. The Task Orders under the IDIQ CLINs may be Cost-Reimbursement (CR) and/or Fixed-Price (FP). CR task orders can include, but are not limited to, CR no fee, Cost-Plus-Incentive-Fee (CPIF), Cost-Plus-Award-Fee (CPAF), and Cost-Plus-Fixed-Fee (CPFF) task orders. FP task orders can include, but are not limited to, Firm-Fixed-Price (FFP). Each Task Order will include a price based on the Contractor's price proposal for the Task Order (**see Section H.50, Task Ordering Procedure**), negotiations, and agreement on price; and the requisite clauses depending on the Task Order type.

(a) The Contract consists of the following CLINs:

Table B.2-1 Contract CLINs			
CLIN	CLIN Title	Type	PWS Section(s)
Transition Period (120 days)			
00001	Transition (120 days)	CR (no fee)	C.2
Base Period (5 Years)			
00101	Base Operations and Services	CPAF	C.3, C.4, C.5.1 through C.5.3.8, C.5.6, C.6, C.7, and C.8
00102	Defense Operations	CPAF	C.3, C.5.4, and C.5.5
00103	Administration of Pension and Benefit Plans at Portsmouth and Paducah Sites	CR (no fee)	C.9
00104	Additional Assignments in Accordance with Performance Work Statement (PWS) Section C.10	IDIQ	C.10
00105	Information Technology Software Licenses	CR (no fee)	C.3
00106	NNSA High-Purity Depleted Uranium	CPAF	C.5.5.4

Table B.2-1 Contract CLINs			
CLIN	CLIN Title	Type	PWS Section(s)
00107	Other Site Entity Support - Portsmouth	CR (Base Fee)	C.4.12
00108	Other Site Entity Support – Paducah	CR (Base Fee)	C.4.12
Option Period 1 (3 Years)			
00201	Base Operations and Services	CPAF	C.3, C.4, C.5.1 through C.5.3.8, C.5.6, C.6, C.7 and C.8
00202	Defense Operations	CPAF	C.3, C.5.4 and C.5.5
00203	Administration of Pension and Benefit Plans at Portsmouth and Paducah Sites	CR (no fee)	C.9
00204	Additional Assignments in Accordance with PWS Section C.10	IDIQ	C.10
Option Period 2 (2 Years)			
00301	Base Operations and Services	CPAF	C.3, C.4, C.5.1 through C.5.3.8, C.5.6, C.6, C.7, and C.8
00302	Defense Operations	CPAF	C.3, C.5.4 and C.5.5
00303	Administration of Pension and Benefit Plans at Portsmouth and Paducah Sites	CR (no fee)	C.9
00304	Additional Assignments in Accordance with PWS Section C.10	IDIQ	C.10

(b) **CLIN Types**

(1) **Cost Reimbursable (CR) CLINs (00001, 00103, 00203, and 00303)**

CLIN 00001 – Transition. The Contract Transition Period is anticipated to be a period beginning with issuance of an Initial Notice to Proceed (NTP) for 120 days. The Transition Period is as defined in **Section F.3, Period of Performance**. Costs are reimbursed on the basis of actual costs billed to the contract and there is no fee for the Transition Period.

CLINs 00103, 00203, 00303 –Administration of Pension and Benefit Plans at Portsmouth and Paducah Sites. Costs are reimbursed on the basis of actual costs billed to the contract and there is no fee for these activities.

(2) **Cost Plus Award Fee CLINs (00101, 00102, 00201, 00202, 00301, and 00302)**

Payment of fee will be made in accordance with **B.12, Provisional Payment of Fee** and **J, Attachment J-10, Performance Evaluation and Measurement Plan (PEMP)**.

(3) **IDIQ CLINs (00104, 00204, and 00304)**

(A) Under the IDIQ CLINs, the Government may issue Cost Reimbursable or Fixed Price Task Orders depending on the nature of the requirement for the delivery of work. Payment for the services ordered and delivered shall be

made in accordance with the applicable contract clause addressing payment as included in each individual Task Order. The minimum and maximum quantity to be ordered as required by Section I, FAR 52.216-22 Indefinite Quantity under the IDIQ CLINs is indicated in **B.4, *Contract Minimum and Maximum Value of Services***, below.

- (B) Any work under the IDIQ CLIN(s) will be ordered by the issuance of individually negotiated Task Orders, which will contain specific terms and conditions applicable to the given Task Order. As the Government may require, the Contractor shall provide the specified services up to the maximum quantity identified in B.4 below, on a schedule to be specified by the Government in accordance with the contract clauses at **H.50, *Task Ordering Procedure*** and **I.50, *FAR 52.216-22 Indefinite Quantity***.
- (C) For budget planning purposes, the Government has provided an estimated maximum quantity of services for each IDIQ CLIN as seen below in Table B.3-1. However, the Government reserves the right to adjust the estimated maximum quantity associated with each IDIQ CLIN, as long as the total cumulative amount does not exceed the stated contractual maximum quantity in B.4 below.
- (D) Payment of fee for the services ordered and delivered shall be made in accordance with **B.12, *Provisional Payment of Fee*** and **J, Attachment J-10, *Performance Evaluation and Measurement Plan (PEMP)***.
- (E) The fee ceiling percentage for any cost-plus-award-fee type Task Orders issued under the contract is **7.5 percent**. For cost-plus-award-fee Task Orders, there will not be base fee.
- (F) The estimated cost and fee amount will be established in each individual cost reimbursable Task Order. The Contractor may propose whatever fee amount it determines appropriate for the individual Task Order, provided that the fee amount as a percentage of the estimated cost of each Task Order does not exceed the fee percentage ceiling as specified in B.5 below.

B.3 Contract Cost, Award Fee And Price Schedule

Total Estimated Cost for All CLINs

The Total Estimated Cost and Fee (as applicable) for each CLIN, the Total Estimated Cost and Fee (as applicable) for each contract period, and the cumulative Total Estimated Cost and Fee for the Contract are as follows:

Table B.3-1 Contract Cost and Fee					
CLIN	CLIN Description	Performance Period	Estimated Cost	Available Award Fee	Estimated Cost and Fee
Transition Period					
00001	Transition Period (CR, No Fee)	120 days	\$ 7,449,100		\$ 7,449,100
Base Period					

PPPO OPERATIONS AND SITE MISSION SUPPORT (OSMS)
CONTRACT NO. 89303325DEM000122

SECTION B
Modification P00017

00101	Base Operations and Services	60 months	\$ 893,928,685	\$ 60,675,215	\$ 954,603,900
00102	Defense Operations	60 months	\$ 81,408,350	\$ 6,291,521	\$ 87,699,871
00103	Administration of Pension and Benefit Plans at Portsmouth and Paducah Sites	60 months	\$ 9,550,000.00		\$ 9,550,000.00
00104	Additional Assignments in Accordance with PWS Section C.10 (IDIQ)	60 months	To be determined as Task Orders are issued		\$50,000,000.00
00105	Information Technology Software Licenses	60 Months	TBD	N/A	TBD
00106	NNSA High-Purity Depleted Uranium	60 Months	TBD	TBD	TBD
00107	Other Site Entity Support - Portsmouth	60 Months	TBD	TBD	TBD
00108	Other Site Entity Support – Paducah	60 Months	TBD	TBD	TBD
Total Base Period		60 months	\$ 984,887,034	\$ 66,966,736	\$1,101,853,771
Option Period 1					
00201	Base Operations and Services	36 months	\$ 577,383,863	\$ 39,816,375	\$ 617,200,238
00202	Defense Operations	36 months	\$ 59,144,203	\$ 4,570,870	\$ 63,715,073
00203	Administration of Pension and Benefit Plans at Portsmouth and Paducah Sites	36 months	\$ 5,730,000.00		\$ 5,730,000.00
00204	Additional Assignments in Accordance with PWS Section C.10 (IDIQ)	36 months	To be determined as Task Orders are issued		\$30,000,000.00
Total Option Period 1		36 months	\$ 642,258,066	\$ 44,387,246	\$ 716,645,312
Option Period 2					
00301	Base Operations and Services	24 months	\$ 406,640,497	\$ 28,263,948	\$434,904,445
00302	Defense Operations	24 months	\$ 42,763,676	\$ 3,304,926	\$ 46,068,602
00303	Administration of Pension and Benefit Plans at Portsmouth and Paducah Sites	24 months	\$ 3,820,000.00		\$ 3,820,000.00
00304	Additional Assignments in Accordance with PWS Section C.10 (IDIQ)	24 months	To be determined as Task Orders are issued		\$20,000,000.00
Total Option Period 2		24 months	\$ 453,224,173	\$ 31,568,874	\$ 504,793,047
Total Contract Value (Transition Period, Base Period, Option Period 1, and Option Period 2)			\$ 2,087,818,374	\$ 142,922,856	\$2,330,741,229

(1) *Estimated Cost* for each CLIN is defined as the cost to perform the CLIN agreed to by the parties at contract inception, as may be revised by modification to the

contract in accordance with the contract terms. The exception is the IDIQ CLINs, for which the amount shown in Table B.3-1 reflects the maximum quantities of supplies or services the Government will acquire under the IDIQ CLINs (inclusive of any fee or profit).

- (2) *Available Award Fee* is defined as the amount of award fee that includes Subjective and Performance-Based Incentives (PBIs) that may be earned under the Contract for each applicable CLIN.
- (3) Available Award Fee will include award-fee criteria and PBIs Criteria. PBIs will be defined during contract performance as part of the PEMP. See **B.8, *Fee Determination and Payment***.
- (4) Available Award Fee is made up as TBD% award-fee criteria and TBD% PBIs.
- (5) *Contract Value* is defined as the total of the Transition Period, Base Period, Option Period 1, and Option Period 2.

B.4 Contract Minimum and Maximum Value of Services (applies to IDIQ CLINs 00104, 00204, and 00304 only)

1. The guaranteed minimum value of services to be ordered as required by Section I, FAR 52.216-22, *Indefinite Quantity*, is **\$10,000.00**.
2. The maximum value of services to be ordered as required by Section I, FAR 52.216-22, *Indefinite Quantity*, is **\$100,000,000.00**.
3. All Task Orders issued under this Contract count toward the maximum value of **\$100,000,000.00**.

B.5 DOE-B-2015 Task Order Fee/Profit Ceiling (Oct 2014) (Revised)

1. Task Order fee/profit ceilings will adhere to the following criteria.
 - (1) *CPIF Task Orders*. The maximum fee amount shall not exceed 10 percent of the target cost, and shall serve as the maximum fee ceiling. The target fee ceiling amount that can be negotiated is 7.75 percent of the target cost percent of the target cost.
 - (2) *CPAF Task Orders*. The award fee ceiling amount that can be negotiated is 7.75 percent of the estimated cost. There is no base fee available under CPAF task orders.
 - (3) *CPFF Task Orders*. The fixed fee ceiling amount that can be negotiated is 5 percent of the estimated cost.
 - (4) *Hybrid Task Orders*. Task orders comprising multiple CLIN types shall apply the fee/profit ceiling(s) at the CLIN level.
 - (5) *Firm Fixed Price Task Orders*. The profit ceiling amount that can be negotiated, as specified as a percentage of the negotiated cost, is 10 percent.
2. The fee (target, award, or fixed)/profit amount for each Task Order will be negotiated and established based on risk and complexity. The Contractor may propose a fee/profit

amount it determines appropriate as long as the proposed amount adheres to the criteria above.

3. The ceiling percentage(s) shall at no time exceed any statutory limitations imposed by 10 United States Code (U.S.C.) 2306(d), 41 U.S.C. 3905, and FAR 15.404-4(c)(4)(i).

B.6 DOE-B-2013 Obligation of Funds (Oct 2014) (does not apply to Task Orders issued under IDIQ CLINs as funding will be obligated by individual Task Orders)

- (a) Pursuant to I.134, FAR 52.232-22 "*Limitation of Funds*", the total funds in the amount of **\$152,167,842.04** are obligated for the payment of allowable costs and fee.
- (b) Pursuant to Section I clause entitled FAR 52.232-22 "*Limitation of Funds*", the total amount of funding obligated for CLIN 00001 is **\$7,449,100.00**.
- (c) Pursuant to Section I clause entitled FAR 52.232-22 "*Limitation of Funds*", the total amount of funding obligated for CLIN 00101 is **\$106,115,584.38**.
- (d) Pursuant to Section I clause entitled FAR 52.232-22 "*Limitation of Funds*", the total amount of funding obligated for CLIN 00102 is **\$31,000,000**.
- (e) Pursuant to Section I clause entitled FAR 52.232-22 "*Limitation of Funds*", the total amount of funding obligated for CLIN 00103 is **\$1,021,000**.
- (f) Pursuant to Section I clause entitled FAR 52.232-22 "*Limitation of Funds*", the total amount of funding obligated for CLIN 00104 is **\$0.00**.
- (g) Pursuant to Section I clause entitled FAR 52.232-22 "*Limitation of Funds*", the total amount of funding obligated for CLIN 00105 is **\$557,000**.
- (h) Pursuant to Section I clause entitled FAR 52.232-22 "*Limitation of Funds*", the total amount of funding obligated for CLIN 00106 is **\$4,000,000**.
- (i) Pursuant to Section I clause entitled FAR 52.232-22 "*Limitation of Funds*", the total amount of funding obligated for CLIN 00107 is **\$2,025,157.66**.
- (j) Pursuant to Section I clause entitled FAR 52.232-22 "*Limitation of Funds*", the total amount of funding obligated for CLIN 00108 is **\$0.00**.

B.7 Funding Profile

The planned funding profile per the Government Fiscal Year (FY) by appropriation is shown below. Funding is subject to Congressional and Departmental funding authorization:

Table B.6-1 Appropriation by Fiscal Year													
Appropriation	FY23 (12/01/22 To 03/31/23) Transition	FY23 (04/01/23 to 09/30/23)	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33 (10/01/32 to 3/31/33)	Total
PO-11X													
PA-11X													
PO-20													
PA-20													
PO-40													
PA-40													
NNSA													
Total	7.5	104.9	252.1	256.9	277.1	280.6	286.1	291.8	297.5	303.3	309.3	157.7	2,824.9
*The dollar amounts are represented in (\$M). The provided funding profile represents the Government's estimate of future funding. This assumed funding is not a guarantee of available funds. Actual funding may be greater or less than these estimates. There is no commitment by DOE to request funds equivalent to this assumed funding. Available funds depend on Congressional appropriations and priorities within the DOE. The provided funding profile covers estimated costs and fee and/or prices identified in Section B of the Contract and any Task Order (if applicable), inclusive of funding of pension and benefit programs described in Section C. Shaded cells (by appropriation) will be inserted at time of award.													

B.8 Fee Determination and Payment (CLINs 00101, 00102, 00106, 00201, 00202, 00301, and 00302)

There is no base fee amount for the term of the Contract. The determination of award fee shall be consistent with **Section J, Attachment J-10, Performance Evaluation and Measurement Plan (PEMP)**.

B.9 Allowability of Subcontractor Fee

- If the Contractor has formed and performs the Contract as a teaming arrangement, as defined in FAR 9.601(1) and (2), *Contractor Team Arrangement*, the team shall share in the *Total Available Fee*. Separate, additional, subcontractor fee is not an allowable cost under this Contract for individual team members, or for a subcontractor, supplier, or lower-tier subcontractor that is a wholly-owned, a majority-owned, or an affiliate entity of any team member.
- The subcontractor fee restriction in paragraph (a) above does not apply to members of the Contractor's team that are: (1) small business(es); (2) Protégé entities as part of an approved Mentor-Protégé relationship; (3) subcontractors under a competitively awarded (that is, awarded in a manner that meets all the criteria of full and open competition and results in a reasonable subcontract price) FFP subcontract; or (4) subcontractors providing "commercial products" and/or

“commercial services” as defined in FAR 2.101, *Definitions*, if the subcontract price is fair and reasonable.

B.10 Small Business Subcontracting Fee Reduction

For the purpose of implementing this Clause, the percentage goals established in **Section J, Attachment J-11, *Small Business Subcontracting Plan***, will remain in effect for the duration of the Contract.

(a) The Contractor’s performance in the following areas will be evaluated at least annually: (1) progress toward meeting the cumulative small business performance percentage in accordance with **H.51, *Subcontracted Work***; (2) progress toward meeting the cumulative small business subcontracting goals; and (3) progress toward meeting the required number of active Mentor-Protégé Agreements.

(b) If the Contractor has not met any or all of the requirements in paragraph (a) of this clause, and/or has failed to provide meaningful work for small businesses, the Contracting Officer (CO) may reduce the overall available fee for the performance period by up to 10 percent depending on the nature and magnitude of the failure.

B.11 Conditional Payment of Fee - DOE Performance Criteria/Requirements

This Clause supplements **Section I.220, DEAR 970.5215-3, *Conditional Payment of Fee, Profit, and Other Incentives – Facility Management Contracts***, by establishing Site-specific Environmental, Safety, Health, and Quality (ESH&Q) and security performance criteria/requirements. This clause does not replace the Section I clause. Performance failures relating to the performance criteria set forth in this Clause will be processed in accordance with DEAR 970.5215-3. Site-specific performance criteria/requirements for ESH&Q and Safeguards and Security (SAS) are as follows:

(a) ESH&Q

- (1) First Degree: Performance failures relating to the criteria set forth in this Clause will be processed in accordance with DEAR 970.5215-3.
- (2) Second Degree: Performance failures relating to the criteria set forth in this Clause will be processed in accordance with DEAR 970.5215-3.
- (3) Third Degree: Performance failures that reflect a lack of focus on improving ESH&Q or failures to comply with an approved Integrated Safety Management System (ISMS) that may result in a negative impact to the public, workers, or environment. The following performance failures, or events of similar import, are examples of performance failures that are considered third degree:
 - (i) Multiple similar non-compliances identified by external oversight (e.g., federal) that in the aggregate indicate a significant programmatic breakdown.

- (ii) Non-compliances or adverse performance trends that either have or may have significant negative impact to the public, workers, or environment or that indicate a significant programmatic breakdown.
- (iii) Failure to notify the CO upon discovery of events or conditions where notification is required by the terms and conditions of the Contract.
- (iv) Failure to report required data accurately and within required timeframes (e.g., within 24 hours of incident).

(b) Safeguards and Security

- (1) First Degree: Performance failures that have been determined, in accordance with applicable law, regulation, or DOE directive, to have resulted in, or that can reasonably be expected to result in, exceptionally grave damage to the national security. The following are examples of performance failures or performance failures of similar import that will be considered first degree:
 - (i) Theft, loss, or diversion of Category I or II Special Nuclear Material (SNM); adversarial attacks or acts of sabotage that result in significant consequences to the safety or security of personnel, facilities, or the public due to a failure or inadequacy of performance by the Contractor.
 - (ii) Receipt of an overall rating of Unsatisfactory on any DOE SAS survey, audit, and/or inspection.
 - (iii) Failure to implement effective corrective action(s) in response to any first degree performance failure.
- (2) Second Degree: Performance failures that have been determined, in accordance with applicable law, regulation, or DOE directive, to have actually resulted in, or that can reasonably be expected to result in, serious damage to the national security. The following are examples of performance failures or performance failures of similar import that will be considered second degree:
 - (i) Theft, loss or diversion of Category III SNM that is due to a failure or inadequacy of performance by the Contractor.
 - (ii) Inventory differences of Category I/II/III SNM beyond alarm limits where there is no evidence that the difference is created by loss, theft, or diversion.
 - (iii) Any amount of SNM found in a dangerous/hazardous or unapproved storage environment, or unapproved mode of transportation/transfer.
 - (iv) Failure to implement effective corrective action(s) in response to an occurrence of any second degree performance failure.
- (3) Third Degree: Performance failures that have been determined, in accordance with applicable law, regulation, or DOE directive, to have actually resulted in, or that can reasonably be expected to result in, undue risk to the common defense and security, and/or jeopardizes protection of the facility or Site security interests. The following are examples of performance failures or performance failures of similar import that will be considered third degree:

- (i) Loss, theft, diversion, or unauthorized disclosure of information classified as Confidential.
- (ii) Evidence that SNM data has been manipulated or falsified.
- (iii) Inventory differences of Category IV SNM beyond alarm limits where there is no evidence that the difference is created by loss, theft, or diversion.
- (iv) Loss, theft, or diversion of Category IV quantities of SNM that is due to a failure or inadequacy of performance by the Contractor.
- (v) Five or more incidents of any type, that involve a potential compromise of classified information and/or unsecured classified repository, in any three (3) month period.
- (vi) Receipt of any topical area rating of Unsatisfactory on any DOE SAS survey, audit, and/or inspection.
- (vii) Failure to implement effective corrective action(s) in response to any third degree performance failure.
- (viii) Non-compliant or adverse cyber security performance that indicates serious cyber security program degradation (e.g., negative mission impacts or compromise of sensitive information [Sensitive Unclassified Information, Personally Identifiable Information, Unclassified Controlled Nuclear Information]).

B.12 Provisional Payment of Fee (Oct 2013) (Revised)

- (a) Notwithstanding any other term or condition of this Contract to the contrary, this clause applies to and has precedence over all other terms and conditions of this Contract that provide for provisional payment of fee.
- (b) The Contractor must notify the CO immediately if it believes any incongruence exists between this clause and any other term or condition of this Contract that provides for provisional payment of fee. If a term or condition of this Contract provides for provisional payment of fee but fails to include all of the requirements of this clause, that term or condition will be considered to include the omitted requirements.
- (c) This clause conforms to the FAR and DOE fee policy and constructs. The following definitions and concepts apply.
 - (1) Price means cost plus any fee or profit applicable to the Contract.
 - (2) The terms profit and fee are synonymous.
 - (3) Incentive means a term or condition whose purpose is to motivate the Contractor to provide supplies or services at lower costs, and in certain instances with improved delivery or technical performance, by relating the amount of profit or fee earned to the Contractor's performance.
 - (4) Earned fee for an incentive means fee due the Contractor by virtue of its meeting the Contract's requirements entitling it to fee. Earned fee does not occur until the Contractor has met all conditions stated in the Contract for earning fee.

- (5) Available fee for an incentive means the fee the Contractor might earn but has not yet earned.
- (6) Provisional payment of fee for an incentive means the Government's paying available fee for an incentive to the Contractor for making progress towards meeting the performance measures for the incentive before the Contractor has earned the available fee.
- (7) Provisional payment of fee has no implications for the Government's eventual determination that the Contractor has or has not earned the associated available fee. Provisional payment of fee is a separate and distinct concept from earned fee. The Contractor could, for example, receive 100% of possible provisional fee payments yet not earn any fee (the Contractor would be required to return all of the provisional fee payments). The Contractor could, for example, receive 0% of possible provisional fee payments yet earn the entire amount of available fee (it would not receive any fee payments until the Government's determination that the Contractor had earned the associated available fee for the incentive).
- (8) Clause means a term or condition used in this Contract.
- (d) The Contract's price, incentives included in its price, and all other terms and conditions reflect the Government's and the Contractor's agreement to link, to the maximum extent practical, the Contractor's earning of fee to its achievement of final outcomes rather than interim accomplishments.
- (e) Certain terms and conditions of the Contract provide for provisional payment of fee for certain incentives. Other terms and conditions of the Contract provide for each such incentive the requirements the Contractor must meet to earn the fee linked to the incentive. The terms and conditions of the Contract that provide for provisional payment of fee for certain incentives include for each such incentive the requirements the Contractor must meet before the Government is obligated to pay fee, provisionally, to the Contractor and for the Contractor to have any right to retain the provisionally paid fee.
- (f) The CO, at his/her sole discretion, will determine if the Contractor has met the requirements under which the Government will be obligated to pay fee, provisionally, to the Contractor and for the Contractor to have any right to retain the provisionally paid fee.
- (g) If the CO determines the Contractor has not met the requirements to retain any provisionally paid fee and notifies the Contractor, the Contractor must return that provisionally paid fee to the Government within 30 days:
 - (1) The Contractor's obligation to return the provisionally paid fee is independent of its intent to dispute or it's disputing the Contracting Officer's determination; and
 - (2) If the Contractor fails to return the provisionally paid fee within 30 days of the Contracting Officer's determination, the Government, in addition to all other rights that accrue to the Government and all other consequences for the Contractor due to the Contractor's failure, may deduct the amount of the provisionally paid fee from: amounts it owes under invoices; amounts it would otherwise authorize the Contractor to draw down under a Letter of Credit; or any other amount it owes the Contractor for payment, financing, or other obligation.

- (h) If the Contractor has earned fee associated with an incentive in an amount greater than the provisional fee the Government paid to the Contractor for the incentive, the Contractor will be entitled to retain the provisional fee and the Government will pay it the difference between the earned fee and the provisional fee.

B.13 Limitation of Government's Obligation (Revised) (Applies to FFP Task Orders under IDIQ CLINs only)

- (a) This Contract's fixed-price Task Orders issued under CLINs 00104, 00204, and/or 00304 will have traditional Federal Acquisition Regulation fixed prices and contract terms and conditions, with the exceptions that: fixed-price Task Orders issued under CLINs 00104, 00204, and 00304 may be incrementally funded; and if a Task Order is incrementally funded, in the event of termination before it is fully funded the Government's maximum liability for the Task Order will be the lower of the amount of funds allotted to the Task Order or the amount payable to the Contractor per the Termination for Convenience (Fixed-Price) clause of this contract. For each Task Order there is:
- (1) a fixed price for the action;
 - (2) a fixed amount of work that corresponds to the fixed price;
 - (3) a planned funding schedule that corresponds to the fixed price and the fixed amount of work;
 - (4) no Government obligation to the Contractor until the Government allots funds to the contract for the action;
 - (5) if the Government allots funds, a maximum Government obligation, including any termination obligations, to the Contractor equal to the allotted funds; and
 - (6) an obligation that the Government will pay the Contractor for the work the Contractor performs for which funds were allotted based on the price of the work performed, not the costs the Contractor actually incurs.
- (b) For each Task Order:
- (1) the Government's maximum obligation, including any termination obligations and obligations under change orders, equitable adjustments, or unilateral or bilateral contract modifications, at any time is always less than or equal to the total amount of funds allotted by the Government to the contract for the Task Order;
 - (2) the Contractor explicitly agrees it reflected (that is, included or could have included an additional amount) in its offered price and in the subsequent negotiated fixed price for each of the fixed-price Task Orders included in this contract:
 - (i) the added complexity, challenges, and risks (including all risks, costs or otherwise, associated with termination as articulated in this clause) to which the Contractor is subject due to the incremental funding arrangement established in this clause; and
 - (ii) the specific risk that in the event of termination of an incrementally funded Task

Order before the Task Order is fully funded, the Contractor could receive less than the Termination for Convenience (Fixed-Price) clause of this contract would allow. The maximum Government obligation for a fixed-price Task Order is the allotted funds for the Task Order, as a result the Contractor will receive the lower of the allotted funds or what the Termination for Convenience (Fixed-Price) clause of this contract would allow.

- (3) the Contractor is not authorized to continue work beyond the point at which the total amount payable by the Government, which is the price of the services the allotted funds cover, equals the total amount allotted to the contract for the services;
 - (4) if funds become available and the Government's need continues, the Government will allot funds periodically to the Task Order, the Contractor will provide a fixed amount of work for the funds allotted, and the Government will pay the Contractor based on the price of the fixed amount of work. The Government will not pay the Contractor based on the costs the Contractor incurs in performing the work; and
 - (5) the Contractor agrees to provide the fixed amount of work for the fixed price identified in the Contract's Section B, Supplies or Services and Prices/Costs, and in accordance with the delivery schedule identified in the contract's Section F, Deliveries or Performance, provided the Government provides the funding per or earlier than the Planned Funding Schedule in paragraph (n) of this clause. At any time, the cumulative amount of funds allotted is the fixed price for the cumulative fixed amount of work identified with the funds.
- (c) For each Task Order:
- (1) The fixed price (of the Task Order and of the current cumulative amount of funds allotted to the Task Order at any time during contract performance) is not subject to any adjustment on the basis of the Contractor's cost experience;
 - (2) The contract places the maximum risk and full responsibility on the Contractor for all costs and resulting profit or loss; and
 - (3) If the Government meets the entire Planned Funding Schedule,
 - (i) the cumulative amount of funds allotted will equal the Task Order's fixed price and
 - (ii) the Contractor must provide the work the contract requires for the Task Order.
- (d) The fixed price for each Task Order will be listed in Section B of the Task Order.
- (e) The Planned Funding Schedule for each Task Order is in paragraph (n) of this clause. The sum of the planned funding for each Task Order equals the fixed price of the Task Order.
- (f) The Actual Funding Schedule for each Task Order is in paragraph (o) of this clause. It specifies the actual amount of funds allotted and presently available for payment by the Government separately for Task Orders issued under CLINs 00104, 00204, and 00304, and the work to be performed for the funds allotted.
- (1) The Contractor may bill against a Task Order only after the Government has allotted

funds to the Task Order and the Contractor has delivered the services and earned amounts payable for the Task Order.

- (i) The Contractor may bill only the lower of the two preceding amounts, that is, the lower of allotted funds or amount payable.
 - (ii) If the Contractor does not perform the contract's requirements for the Task Order, it must return the amounts that it billed that the Government reimbursed.
- (g) If during the course of this contract the Government is allotting funds to a Task Order per or earlier than the Planned Funding Schedule, this contract to that point will be considered a simple fixed-price contract for that Task Order regardless of the rate at which the Contractor is, or is not, earning amounts payable, and:
 - (1) The Government's and the Contractor's obligations under the contract for the Task Order—with the exception that the Government's obligation for the Task Order is limited to the total amount of funds allotted by the Government to the Task Order and similarly the Contractor is not authorized to continue work beyond the point at which the total amount payable by the Government equals the total amount allotted—will be as if the Task Order were both fixed price and fully funded at time of contract execution, that is, the Contractor agrees that: it will perform the work of the Contract for that Task Order; and neither the fixed-price for the Task Order nor any other term or condition of the contract will be affected due to the Task Order being incrementally funded.
 - (i) The Contractor agrees, for example, if the Government allots funds to a Task Order per or earlier than all of the funding dates in the Planned Funding Schedule for the Task Order, the Government has met all of its obligations just as if the Task Order were fully funded as of the time of contract execution and the Contractor retains all of its obligations as if the Task Order was fully funded as of the time of contract execution, while at the same time the Contractor is not authorized to continue work beyond the point at which the total amount payable by the Government equals the total amount allotted to the Task Order; consequently, if the Contractor earns amounts payable at any time in performing work for the Task Order that exceed the total amount of funds allotted by the Government to the Contract for the Task Order:
 - (A) it (not the Government) will be liable for those excess amounts payable
 - (B) it will remain liable for its obligations under every term or condition of the Contract and
 - (C) if it fulfills all of its obligations for that Task Order and the Government allots funds to the Task Order equal to the Task Order's fixed price, the Government will pay it the fixed price for the Task Order and no more.
 - (ii) The Contractor also agrees, for example, if the Government allots funds to a Task Order by the first funding date in the Planned Funding Schedule, the Government has met all of its obligations up to that point in the Contract as if the Task Order were fully funded (that is, as if progress payments based on cost had been agreed to and had been made, or milestone payments had agreed to and been made, or etc.) and the Contractor retains all of its obligations up to that point (such as meeting delivery schedules, maintaining quality, etc.) as if the Task Order was fully funded;

consequently, if the Government subsequently terminates the Task Order it will pay the Contractor the lower of the following two amounts: the amount allotted by the Government to the Task Order; or the amount payable per the Termination for Convenience (Fixed-Price) clause of this contract.

- (h) The Contractor shall notify the Contracting Officer in writing whenever it has reason to believe that the amount payable it expects to earn for the Task Order in the next 60 days, when added to all amounts payable previously earned, will exceed 75 percent of the total amount allotted to the Task Order by the Government.
 - (1) The notification is for planning purposes only and does not change any obligation of either the Government or the Contractor.
 - (2) The Contractor is not authorized to continue work beyond the point at which the total amount payable by the Government equals the total amount allotted to the Task Order.
 - (3) The Government may require the Contractor to continue performance of that Task Order for as long as the Government allots funds for that Task Order sufficient to cover the amount payable for that Task Order.
- (i) If the Government does not allot funds to a Task Order per or earlier than its Planned Funding Schedule, the Contractor will be entitled to an equitable adjustment and:
 - (1) the Government's maximum obligation, including any termination obligation, to reimburse the Contractor remains limited to the total amount of funds allotted by the Government to the contract for that Task Order;
 - (2) the Contractor is not authorized to continue work beyond the point at which the total amount payable by the Government, equals the total amount allotted to the Contract;
 - (3) if the Government subsequently terminates the Task Order, it will pay the Contractor the lower of the following two amounts: the total amount of funds allotted by the Government to the contract for the Task Order; or the amount payable per the Termination for Convenience (Fixed-Price) clause of this Contract.
- (j) Except as required by either other provisions of this Contract specifically citing and stated to be an exception to this clause, or by, among other things, terminations, change orders, equitable adjustments, or unilateral or bilateral contract modifications specifically citing and stated to be an exception to this clause, for the Task Order:
 - (1) The Government is not obligated to reimburse the Contractor in excess of the total amount allotted by the Government to this contract for the Task Order; and
 - (2) The Contractor is not obligated to continue performance under this Contract related to the Task Order or earn amounts payable in excess of the amount allotted to the Contract by the Government until the Contracting Officer notifies the Contractor in writing that the amount allotted by the Government has been increased and specifies an increased amount, which shall then constitute the total amount allotted by the Government to the Task Order.
- (k) No notice, communication, or representation in any form, including, among other things,

change orders, equitable adjustments, or unilateral or bilateral contract modifications, other than that specified in this clause, or from any person other than the Contracting Officer, shall affect the amount allotted by the Government to this Contract for a Task Order, which will remain at all times the Government's maximum liability for a Task Order. In the absence of the specified notice, the Government is not obligated to reimburse the Contractor for any amounts payable earned for a Task Order in excess of the total amount allotted by the Government to this Contract for a Task Order, whether earned during the course of the contract or as a result of termination.

- (l) Change orders, equitable adjustments, unilateral or bilateral contract modifications, or similar actions shall not be considered increases in the Government's maximum liability or authorizations to the Contractor to exceed the amount allotted by the Government for a Task Order unless they contain a statement increasing the amount allotted.

- (m) Nothing in this clause shall affect the right of the Government to terminate this Contract for convenience or default.

- (n) Planned Funding Schedule:

The following table and requisite information shall be inserted by the Government in each fixed-priced Task Order to account for incrementally funded FFP CLINs:

CLIN [TBD in each Task Order]:

CLIN	Date	Funds To Be Allotted	Work To Be Accomplished	Cumulative Funds To Be Allotted	Cumulative Work To Be Accomplished
CLIN = Contract Line Item Number					

- (o) Actual Funding Schedule:

The following table and requisite information shall be inserted by the Government in each fixed-priced Task Order to account for incrementally funded FFP CLINs:

CLIN [TBD in each Task Order]:

CLIN	Date	Funds Allotted	Work To Be Accomplished	Cumulative Funds Allotted	Cumulative Work To Be Accomplished
CLIN = Contract Line Item Number					

SECTION C
PERFORMANCE WORK STATEMENT (PWS)

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C.1 GENERAL

The Paducah site (PAD) is located in western McCracken County, 10 miles west of Paducah, Kentucky, between U.S. Highway 60 and the Ohio River. The site consists of a former gaseous diffusion plant (GDP) and the depleted uranium hexafluoride (DUF6) conversion facilities. A single rail system serves the site. Facilities utilized for the gaseous diffusion enrichment operations have been placed in stand-by or are undergoing the process of deactivation and remediation (D&R).

The Portsmouth site (PORTS) is located 23 miles north of Portsmouth near Piketon, Ohio, on U.S. Highway 23. The site consists of a GDP, the American Centrifuge Plant (ACP), and the DUF6 conversion facilities. A single rail system serves the site. Facilities required for the gaseous diffusion operations have been placed in stand-by, are undergoing the process of decontamination and decommissioning (D&D), or are actively supporting the D&D effort.

The U.S. Department of Energy (DOE) Portsmouth Paducah Project Office (PPPO) staff located in Lexington, Kentucky are responsible for the administration of the Contract and in addition, perform project oversight in the areas of finance, IT/Cyber security, legal and project management. Additional oversight personnel from PPPO are located at PAD and PORTS.

C.1.1 BACKGROUND

This section provides a brief description of the major production activities within the Contract. This Contract realigns other work scope previously performed through various other contractors at PORTS and PAD. This Contract consolidates work, primarily operational, that permits other contractors to focus on core competencies of deactivation, demolition, and remediation activities. Work activities associated with operations, infrastructure, general surveillance and maintenance, some site services, and many general support functions are reassigned to this Contract.

C.1.1.1 Depleted Uranium Hexafluoride Conversion

Approximately 700,000 metric tons (MT) of DUF6 are currently stored at PORTS and PAD. This material is the stored tails from DOE's GDP uranium enrichment operations. A total of approximately 58,500 large steel cylinders are stored at PORTS (about 17,300) and PAD (about 41,200).

Most cylinders have a 12 MT capacity and are 12 ft. long by 48 inch in diameter, with a steel wall thickness of 5/16 in. Similar but smaller cylinders are also in use. There are several 19 MT cylinders at PAD that were constructed from former uranium hexafluoride (UF6) gaseous diffusion conversion shells. These special cylinders are called CV19 (ConVerter19). During storage, a cylinder contains predominantly solid phase DUF6 in contact with DUF6 vapor at less than atmospheric pressure. The DUF6 cylinders managed by DOE at the two sites are typically stacked two cylinders high in the cylinder storage yards.

The DUF6 cylinders are heated to vaporize the solid DUF6 material. The gaseous DUF6 is then converted to solid uranium oxide and hydrogen fluoride (HF) vapor. The uranium oxide is then loaded into modified DUF6 cylinders and stored onsite pending planned transportation and disposition offsite. The HF vapor from the conversion process is condensed along with residual steam into HF acid and temporarily stored in tanks. The HF acid is loaded into trucks or railcars for shipment to vendor facilities. Facility operations include onsite staging and movement of DUF6 cylinders, oxide cylinders, and heel-only cylinders.

C.1.1.2 Portsmouth X-340 Complex

The X-340 Complex consists of the X-342A Feed Vaporization Building and the X-344A UF6 Sampling Facility to include support facilities. The X-342A facility occupies the east portion of the X-344A/342A

area and was the former primary location for feed sampling and cascade feed vaporization. This process involved liquefying UF₆ and is no longer performed in this facility. A portion of this facility is currently used for sub-atmospheric transfer of UF₆ into compliant cylinders for shipment offsite. This gas transfer process uses autoclaves and cold boxes and is limited to the transfer from “partial fill” cylinders (cylinders containing typically 500 to 1,000 pounds and are not expected to contain more than 2,000 pounds of material) at an enrichment level less than or equal to one weight percent ²³⁵U. The Complex supports a National Nuclear Security Administration (NNSA) mission.

The X-340 Complex has two vent stacks that fall under the Title V air permitting. The Title V permit is typically a site wide permit. A package boiler (NAT GAS) boiler to supply steam is being designed and will be an additional air permitted source to support X-340 Complex operations. The current Title V permit shall be modified as necessary to transfer existing sources to the OSMS Contractor. These sources include X-344 Pigtail Gulper, X-344 Toll Transfer Facility, X-611 Emergency Pumps, and X-6644 Emergency Diesel Pumps

The X-344A facility is the processing and usual shipping/receiving point for low assay (5% enrichment or less) UF₆. Historically, toll product withdrawn from the enrichment cascade into 10-ton cylinders was brought to X-344A to be sampled and transferred into the smaller (2-1/2 ton) customer cylinders that were approved for transport over highways and railways. Special shipping packages were used to protect the full product cylinders in shipment. X-344A is now used for a variety of UF₆ sampling and transfer activities.

C.1.1.3 Mission Support

Mission Support activities provide common services to all site tenants in support of the underlying mission. These services, include but are not limited to: protective force, emergency management/response, material control and accountability (MC&A), and utilities. These site wide services have historically been provided by the D&D/D&R contractors. The OSMS Contractor shall provide integrated, consistent, and consolidated mission support services to all site tenants, and strive to obtain efficiencies from its consolidated services under this Contract.

C.1.2 GOALS AND OBJECTIVES

The goal of this Contract is to support the realignment of scope throughout the PPPO. This Contract consolidates ongoing production and mission support activities allowing other contracts to focus on D&D and D&R core competencies.

The Contractor shall, to the maximum extent practicable, implement improvements to work processes, procedures, and technologies throughout the period of performance. This would include the addition of new/non-traditional entities into teaming arrangements or subcontracting agreements. New and/or non-traditional firms would have differing processes and ideas that, via inclusion into a contractor team, would help ensure that the best of industry practices are employed, allowing for efficient advancement of the DOE cleanup mission, and reduction to DOE financial liabilities and environmental risk.

The objective in support of this goal is to operate and manage the conversion facilities, conduct UF₆ operations, maintain assigned facilities, and provide infrastructure services. More specifically:

- (a) Operate the DUF₆ conversion facilities at PORTS and PAD to convert DOE's inventory of DUF₆ to a more stable uranium oxide (e.g., UO_x, DUO_x, UO) form with a resultant by-product of aqueous hydrogen fluoride (AqHF);

- (b) Operate UF6 transfer/repackaging processes at PORTS to transfer/repackage UF6 from thin wall into thick wall cylinders;
- (c) Provide cylinder surveillance and maintenance (S&M) services for the DOE inventory of DUF6, low-enrichment uranium (LEU) UF6, normal UF6, UF4, UOx, and empty and heel cylinders in a safe and environmentally acceptable manner;
- (d) Support disposition of UOx to include shipping programs, procedures, and plans for facility modifications;
- (e) Provide the protective force at the PORTS and PAD facilities;
- (f) Perform all activities required to provide emergency management and fire protection services at the PORTS and PAD facilities;
- (g) Operate and maintain waste management facilities set forth in **C.7, *Waste Operations***, and as assigned in **Section J, Attachment J-7, *PPPO Facilities Responsibility Matrixes (for Landlord and Selected Services)***; and
- (h) Operate, treat, distribute, administer, and conduct systems and equipment maintenance of PORTS and PAD utility services. DOE provides utility services to other site entities at PORTS and anticipates the future need to provide services to other site tenants at PAD.

C.1.3 CONTRACTOR PERFORMANCE

The Contractor shall ensure that all its activities are performed in compliance with applicable Federal, State, local laws and regulations, Executive Orders, DOE directives, and regulatory agreements and Orders in accordance with **H.21 *Contractor Acceptance of Notices of Violation or Alleged Violations, Fines, and Penalties (Oct 2014) (Revised)***. This includes protection and preservation of cultural, historic, or archeological resources, and constraints imposed by regulatory agreements between DOE and regulatory agencies. References to DOE directives in this PWS are provided for information and general understanding; however, **Section J, Attachment J-2, *Requirements Sources and Implementing Documents***, contains the specific applicable version of the DOE directive applicable to this Contract and are considered principal requirements. The Contractor shall submit deliverables to DOE in accordance with **C.1.4**.

C.1.4 DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

A summary of the Contract deliverables is provided in **Section J, Attachment J-4, *Summary of Contract Deliverables***; however, the summary list does not include all required deliverables identified in the Contract. The Contractor shall be responsible for all the deliverables specified in all sections of the Contract, applicable standards, DOE directives, federal regulations, and regulatory documents under the Contract. For clarity purposes, when a reference is provided as to “days” it shall mean calendar days unless otherwise stated.

C.2 CONTRACT TRANSITION AND CLOSEOUT

C.2.1 Incoming Transition

The Contract Transition Period is 120 days. DOE will issue a written Notice to Proceed (NTP), identifying the effective date of the Contract Transition Period. The Contractor shall fully mobilize on the effective date of the NTP. During the Transition Period, the Contractor shall perform all activities that are necessary to transition work from the incumbent contractor(s) in a manner that:

- (a) Ensures that all work for which the Contractor is responsible under the Contract is continued without disruption;
- (b) Provides for an orderly transfer of resources, responsibilities, and accountability from the

- incumbent contractor(s) and subcontractor(s) to the Contractor and its subcontractor(s);
- (c) Provides for the ability of the Contractor to perform the work in an efficient, effective, and safe manner; and
- (d) Interfaces and coordinates with incumbent contractors along with any contractor(s) transitioning in parallel with shared transition elements.

Workforce transition shall be managed in accordance with the requirements of applicable **H, Contractor Human Resource Management**, clauses.

The Contractor shall establish the necessary logistical support (office space, computers, telephone, etc.) to execute the 120-day Contract Transition Period and shall ensure all necessary personnel, including key personnel for the Contractor, are available during the full Transition Period, unless specifically directed otherwise by the CO. All key personnel shall be assigned full-time to their respective positions and shall meet the requirements detailed in **H.43, DOE-H-2070, Key Personnel – Alternate I**. The desired outcome is the Contractor's readiness to assume responsibility for operations during execution of the Contract upon Contracting Officer (CO) direction.

The Contractor shall perform the activities necessary to declare readiness to assume responsibility for the:

- (a) Facilities, activities, and in-process work documented within the Contract,
- (b) Incumbent contractor's subcontracted work as deemed necessary, and
- (c) Workforce in accordance with the requirements of **H, Contractor Human Resources Management Clauses**, of this Contract.

Within 15 days of the NTP, the Contractor shall submit a transition plan for DOE approval that provides a description of all necessary transition activities, a list of the organizations involved, and a transition schedule, including key milestones. The Contractor is responsible for performing due diligence to ensure that all transition activities are identified and completed during the Transition Period (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table A**).

The list below includes the major elements necessary for transition of the Contract, but does not include all transition requirements. The Contractor shall address the following items in the transition plan:

- (a) **Public Release Statement:** Within 72 hours following the effective date of the NTP, the Contractor shall release on its own website a brief executive summary of its offer including the following elements:
 - (1) Name of Contractor including the identification of teaming partners and subcontractors, and a description of the experience that each party brings to the project,
 - (2) Summary/description of Contractor's management approach,
 - (3) Organizational structure and identification of key personnel,
 - (4) Contractor performance commitments,
 - (5) Brief overview of Contractor's work on similar projects,
 - (6) Commitments to the community, and
 - (7) Commitments to small business subcontracting (if applicable).
- (b) **Implementation of Contractor Human Resource Management Requirements:** The Contractor's transition plan shall include a description of the Contractor's implementation of human resource management consistent with **H, Contractor Human Resources Management Clauses**.

- (c) **Inter-contractor Ordering and Financial Agreements:** The Contractor shall develop the inter-contractor ordering and financial agreements necessary to support transition and Contract performance, and shall be responsible for the costs incurred under these agreements. These agreements cannot contradict the contract(s) or expand any contractors' scope.
- (d) **Programs and Procedures:** To ensure continuity of operations, the Contractor may bluesheet, as applicable, the incumbent contractors' programs and procedures, e.g., documented safety analysis (DSA), technical safety requirements (TSR), operating procedures, etc. prior to exiting transition, provided the Contractor has formally reviewed the programs and procedures to ensure compliance with Contract requirements, current regulatory requirements, DOE Orders and directives, and the Contractors' organizational roles and responsibilities. The Contractor shall revise those programs and procedures it deems necessary, provided the programs and procedures remain in compliance with DOE requirements, and shall maintain its plans, procedures, programs, etc. in accordance with this PWS. Revised program and procedures, requiring approval by DOE prior to exiting from transition shall be identified. Programs and procedures that are bluesheeted shall be updated to the new Contractor's organization within 365 days of the effective date for the Contractor's Assumption of Operations (AOO).
- (e) **Contractor Performance Baseline (CPB):** Prior to exiting transition, the Contractor shall submit an initial CPB within 30 days after the NTP and an interim CPB within 75 days after NTP in accordance with the requirements of **C.3.3.1.1, Contractor Performance Baseline (CPB)**, and **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**.
- (f) **Status Reports – Transition Activities:** The Contractor shall provide weekly status reports of transition activities to DOE. The Contractor shall establish routine status meetings with DOE and affected contractors to review transition activities and issues. A schedule with a critical path identified shall be provided as part of the Transition Plan.
- (g) **Government-owned Property:** All real and personal property currently accountable to the incumbent contractor(s) for Contract performance will be provided to the Contractor as stated in **Section J, Attachments J-3, Accountable Property**, and **J-7, PPPO Facility Responsibility Matrixes (for Landlord and Selected Services)**. During the Transition Period, an inventory record of such property in the DOE Facilities Information Management System (FIMS) and the incumbent contractor(s)' personal property databases will be provided to the Contractor. Specifically, the following property acceptance requirements shall be implemented:
 - (1) The Contractor shall perform a joint comprehensive physical inventory with the incumbent contractor(s) of all accountable high-risk and sensitive property, as defined in **CFR Title 41, Chapter 109**, during the Transition Period, and shall accept full accountability for the high-risk and sensitive property at the end of transition;
 - (2) The Contractor shall accept transfer of accountability for the remaining government-owned real and personal property not covered under paragraph (1), based on existing inventory records on an as-is, where-is basis, or shall perform a wall-to-wall inventory within the Transition Period. Any discrepancies with the existing inventory records shall be reported to the CO. If the physical inventory is not accomplished within the allotted time frame, the previous contractor's records will become the inventory baseline; and
 - (3) Once the **Standard Form 122, Transfer Order – Excess Personal Property**, is completed and approved by the CO/Organizational Property Management Officer, the Contractor shall assume responsibility and liability for subsequent losses and damages.

- (h) **DOE Safeguards and Security (S&S) Survey:** During the Transition Period and prior to the effective date for the Contractor's AOO, the Contractor shall be subject to a DOE S&S initial survey conducted in coordination with the incoming and incumbent contractor(s) for activities performed through this Contract. The Initial Security Survey is a comprehensive review by the ODFSA of the security status at a facility that is a candidate for a Facility Security Clearance (FCL) conducted to determine whether the facility in question meets established standards for the protection of the security interests and activities to be covered by the FCL. The Contractor shall appoint within 30 days of NTP, a PPPO, Facility Security Officer (FSO) as per the requirements in **C.3.5(a)** (see **Section J, Attachment J-4, Summary of Contract Deliverables**). The PPPO FSO (not corporate FSO) will be listed on the DOE F 470.1, Contract Security Classification Specification (CSCS) as the FSO after the Transition Period has concluded.
- (i) **Legal Management Transition:** The Contractor shall ensure all legal management activities are addressed pursuant to **H.60, Legal Management**, and **10 CFR Part 719**.
- (j) **Communication of Contractor's Approach:** The Contractor shall communicate its approach and commitments for accomplishing the scope of the Contract to workers, federal staff, stakeholders, and other interested entities during the Transition Period.
- (k) **Graded Approach:** The Contractor shall submit a **Graded Approach for Implementation of Contract Requirements Plan**, prior to the end of transition (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**), to streamline processes, apply a graded approach, and identify efficiencies and performance improvements (e.g., DOE directives, regulations, and others) that are critical to accomplishing the site mission. The plan shall include a review and recommendations of changes to the current site standards and implementing procedures for the elimination of non-requirements, unnecessary work activities, and/or streamlining of processes. The Graded Approach is not to delete directives from List B but rather to look at procedures, processes, etc., and remove the activities and extra requirements that have been added over the years and are no longer required by the DOE directives. The Contractor shall interface with the other site contractors on proposed changes, as necessary. The Contractor shall not propose changes that result in overall increases to DOE (e.g., re-allocate cost to another contractor).
- (l) **Design Authority:** The Contractor shall assume Design Authority responsibilities at the conclusion of the Transition Period.
- (m) **Telecommunications and IT Computing:** The Contractor shall be responsible for the consolidation and provision of telecommunications and IT for all assigned facilities, including those being transitioned from other site contractors (ISS, D&R, D&D) to this Contract. The Transition Plan shall address the strategy on how the consolidation and integration of the requirements associated with the service for all assigned facilities will be conducted.
- (n) **Declaration of Readiness:** The Contractor shall submit a **Declaration of Readiness to Execute the Contract** (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**) prior to the end of transition, which indicates the Contractor's readiness to assume responsibility for operations during execution of the Contract upon CO direction. The Contractor shall also identify any post-transition activities that are required to be completed (e.g., notifications to outside agencies of transfer of co-operator responsibilities, completion of procedure updates).

Upon acceptance of the declaration of readiness, the CO will issue an AOO authorization specifying the effective date that the Contractor shall assume responsible for all Contract requirements.

C.2.2 Outgoing Transition And Closeout

The desired outcome is a seamless transition of full responsibility for all Contract responsibilities

facilities, and activities to a successor contractor.

The Contractor recognizes that the work and services covered by this Contract are vital to the DOE mission and shall be maintained without interruption, both at the commencement and the expiration of this Contract (as described in this section). Therefore:

- (a) At the expiration of the Contract term or any earlier termination thereof, the Contractor shall cooperate with a successor contractor or the Government by allowing its employees to interview for possible employment. For those employees who accept employment with the successor contractor, such employees shall be released in a coordinated manner with the successor contractor. The Contractor shall cooperate with the successor contractor and Government with regard to the termination or transfer arrangements for such employees to ensure maximum protection of employee service credits and fringe benefits; and
- (b) **C.2.2** shall flowdown to subcontracts as approved by the Contracting Officer.

Following notification by the Contracting Officer of the specific transition plan to any new contractor(s), the Contractor shall develop, submit, and execute a phase-out transition plan, as follows:

- (a) The Contractor shall submit a ***Phase-Out Transition Plan*** (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) to include its approach to adequately phase-out all activities and transition existing status and continuing activities to the incoming contractor.
- (b) The Contractor shall perform those activities that are necessary to transition the work under this Contract to a successor contractor in a manner that:
 - (1) Ensures that all work for which the Contractor is responsible under the Contract is continued without disruption;
 - (2) Provides for an orderly transfer of resources, responsibilities, and accountability from the Contractor; and
 - (3) Provides the incoming contractor the ability to perform the work in an efficient, effective, and safe manner.
- (c) The ***Phase-Out Transition Plan*** shall include a proposed date by which the Contractor will transition responsibility to the incoming contractor. The Contractor shall maintain full responsibility for all Contract stated work until assumption thereof by the incoming contractor. The Contractor shall execute the proposed plan or any part thereof in accordance with the Contracting Officer's direction and approval.
- (d) The ***Phase-Out Transition Plan*** shall also include a schedule of major activities, and address at a minimum:
 - (1) A training and orientation program for the successor contractor to inform the incoming contractor of the PWS included in the Contract and other specific requirements associated with work efforts at PPPO;
 - (2) Communication process including interface agreements between DOE, the Contractor, assigned subcontractors, incumbent employees, other site contractors, regulators and the public;
 - (3) Identification of key transition issues and milestones;
 - (4) Identification of a transition team (inclusive of consultants and teaming members, if any);
 - (5) Approach to minimizing impacts on continuity of operations;
 - (6) Dispute resolution;

- (7) Transition of programs, plans, property and projects;
 - (8) Transition and/or modification of necessary permits, which shall include list of permits and purpose.
 - (9) Transition of existing management and operating systems, plans, procedures, programs (e.g., Worker Safety and Health plan, QA plan, ISMS program, Occupational Radiation Protection Program, Waste Management Program, Records Management Program, etc.);
 - (10) Transition of all Contract responsibilities, functions, and activities;
 - (11) Transition of all interface control documents; and
 - (12) Transition of any other documents or records that would be required for a successor contractor to perform adequately and efficiently.
- (e) The ***Phase-Out Transition Plan*** shall also include a transfer walkthrough of all real and personal property currently accountable to the Contractor. During the outgoing transition, the Contractor shall provide an inventory record of such property in the DOE FIMS and Contractor's personal property databases to the follow-on contractor. Specifically, the following property acceptance requirements shall be implemented:
- (1) The Contractor shall perform a joint wall-to-wall physical inventory with the incoming Contractor of all accountable high-risk and sensitive property during the outgoing transition and obtain the incoming Contractor's full accountability for the high-risk and sensitive property by the end of the follow-on transition period.
 - (2) The Contractor shall obtain the incoming Contractor's acceptance, at the end of the follow-on contract transition period, of the transfer of accountability for the remaining government-owned real and personal property not covered under paragraph (e)(1), based on existing inventory records, on an "as-is, where-is" basis. The incoming Contractor shall be responsible for reporting any discrepancies from the existing inventory records to the CO. If the physical inventory is not accomplished within the allotted timeframe, the Contractor's records will become the inventory baseline; and
 - (3) The Contractor shall work with DOE Property Manager, Fleet Manager and Realty Officer and provide the property and vehicle reports for the phase-out transition.

Upon DOE approval of the ***Phase-Out Transition Plan***, the Contractor shall complete the activities described in the plan by the end date of the Contract.

C.3 PROJECT MANAGEMENT & ADMINISTRATION

C.3.1 General Administration

The Contractor shall plan, integrate, manage, and execute the programs, projects, operations, and other activities as described in this Contract. The Contractor shall provide a staff equipped with the necessary management, technical expertise, and experience to ensure performance objectives and standards are met.

The Contractor shall provide general operations oversight and project management functions to enable the safe and secure operation of the Contract activities. In addition, the Contractor shall be responsible for the operations, safeguards and security (implementation of ISS Security programs), environment, safety, health, and quality assurance within its own organization. The Contractor is responsible for flowing down the applicable requirements (e.g., environment, health, safety and quality (EHS&Q) and S&S) into its subcontracts and for overseeing the implementation for its subcontractors' organizations.

The scope of this Contract may require some personnel to have Q or L security clearances. Positions should be evaluated, and clearances should only be requested for those that have specific duties that require clearances. The Contractor is required to provide escorts for its own personnel and its subcontractors who are not cleared, when required.

The Contractor shall, upon AOO submit a schedule for all contract submissions and deliverables to include the dates (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) in order to facilitate the DOE review process over the contract's performance period. For documents requiring DOE approval, the schedule shall allow for the submission of a draft document to DOE for review and comment, and a final document for DOE approval.

The Contractor shall interface with the prime contractors at PORTS and PAD for its activities and functions.

C.3.2 Environment, Safety, Health, And Quality

The Contractor's Integrated Safety Management (ISM) System and ESH&Q Programs shall be operated as an integral, but visible, part of how the Contractor conducts business. These programs shall include: prioritizing work planning and execution; establishing clear ESH&Q roles and responsibilities; allocating sufficient resources to address programmatic and operational considerations; and correcting non-compliances and addressing all hazards for all facilities, operations, and work. The Contractor shall ensure that cost reduction efforts and efficiency efforts are fully compatible with ESH&Q performance.

The Contractor shall actively lead and/or participate in site wide planning and programmatic committees (e.g., Shared Site, Stop Committee, Electrical Safety, etc.), as applicable to the scope of the Contract. The Contractor shall participate and support the site's standing groups/committees. If requested, the Contractor shall also chair and coordinate meetings, including preparation of agendas and minutes for these types of committees.

C.3.2.1 Worker Health and Safety

The Contractor shall submit a *Worker Safety and Health Program (WSHP)* within 30 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**), that is compliant with the requirements specified in **10 CFR § 851, Worker Safety and Health Program**, and when implemented will reduce or prevent occupational injuries, illnesses, and accidental losses.

The Contractor's safety program shall integrate with other site-specific worker protection activities. The Contractor shall ensure the WSHP addresses and encompasses all work to be Contractor performed at PORTS and PAD.

The WSHP shall be applicable to the Contractor's subcontractors performing work and the Contractor shall ensure that all of its subcontractors performing work comply with the approved WSHP.

Annually, the Contractor shall submit either an updated WSHP to DOE for review and approval or a letter stating that no changes are necessary in the currently approved WSHP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). In addition, an updated WSHP shall be submitted prior to when any significant changes or additions to the WSHP are to be implemented.

The Contractor shall report all occupational safety and health information on a quarterly basis as required in **DOE Order (O) 231.1, Environment, Safety, and Health Reporting**. This reporting shall include electronic submission of injury and illness reports using the Computerized Accident/Incident Reporting System (CAIRS) (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). The Contractor shall take all actions necessary to preclude serious injuries and/or fatalities; keep worker

radiation exposures and environmental releases As Low As Reasonably Achievable (ALARA) and below established limits; minimize the generation of waste; maintain or increase protection of the environment; and maintain or increase public and worker safety and health.

The Contractor shall provide personnel monitoring, equipment and maintenance, personal protective equipment (including, but not limited to, respirators, cold weather gear, and specialty equipment and services [e.g., fall protection harnesses, combustible gas monitoring, oxygen monitoring, noise-level monitoring, industrial safety equipment, and protective gear associated with the Contractor's safety program and policies]).

The Contractor shall supply, manage and maintain the Site-wide Master Lock & Tagout Program (also known as the Lock and Tag Program) for PORTS and PAD.

C.3.2.2 Integrated Safety Management (ISM)

The Contractor shall establish and maintain a single ISM program as required by **48 CFR 970.5223-1, *Integration of Environment, Safety and Health into Work Planning and Execution***. The ISM program shall ensure that safety and environmental protection considerations are integrated throughout the entire work planning and execution process (including subcontracts as appropriate) and shall extend through the execution of individual work packages where job-site safety is ensured for each worker. The Contractor shall ensure that the principles of ISM serve as the foundation of the implementing mechanisms for work at the site.

A comprehensive **Environmental Management System (EMS)** based upon the **International Organization for Standardization (ISO) 14001 EMS** standard shall be submitted within 90 days after NTP (see **Section J, Attachment J-4, *Summary of Contract Deliverables, Table A***). The EMS shall include measures to address federal sustainability requirements in compliance with applicable DOE Orders, and the **DOE Strategic Sustainability Performance Plan**. The EMS shall be certified to the ISO 14001 standard by an accredited independent registrar within 12 months after the end of Contract transition.

The Contractor Shall submit a Site Sustainability Plan (SSP) within 90 days after NTP (see **Section J, Attachment J-4, *Summary of Contract Deliverables, Table A***).

The Contractor shall ensure workers are involved in work planning and integrate the concepts of continuous improvement into work activities (e.g., the ISO and Voluntary Protection Program [VPP] Star). The Contractor shall submit a compliant ISM System Description document within 60 days after NTP (see **Section J, Attachment J-4, *Summary of Contract Deliverables, Table A***). The Contractor may establish a separate **EMS Description** document that is complementary to the ISM Description to facilitate ISO14001 certification.

The Contractor shall submit performance objectives, performance measures, and commitments (POMCs) (see **Section J, Attachment J-4, *Summary of Contract Deliverables, Table A***). POMCs shall be reviewed annually in response to DOE program and budget guidance and updated to ensure the integrity of the system. The Contractor shall submit the revised POMCs (see **Section J, Attachment J-4, *Summary of Contract Deliverables, Table B***).

C.3.2.3 Occupational Radiation Protection Program and Radiological Site Services

C.3.2.3.1 Radiation Protection Program (RPP)

The Contractor shall develop and implement a RPP meeting the requirements of **10 CFR § 835 Occupational Radiation Protection**.

The Contractor shall submit the RPP within 60 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**). An updated RPP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) shall be submitted prior to any significant changes or additions to the RPP are to be made. Annually, the Contractor shall submit either an updated RPP to DOE for review and approval or a letter stating that no changes are necessary in the currently approved RPP.

The Contractor shall also provide timely response to employee and public concerns regarding radiological activities and the impact of these activities on the health and safety of the community.

C.3.2.3.2 Environmental Radiological Protection

The Contractor shall establish and implement an **Environmental Radiological Protection Program (ERPP)** per the requirements of **DOE O 458.1 Radiation Protection of the Public and the Environment**. The ERPP protects the public and the environment against undue risk from radiation associated with radiological activities at PORTS and PAD conducted under the control of the DOE pursuant to the Atomic Energy Act of 1954, as amended (AEA). The ERPP minimizes worker exposure to radiation, minimizes the spread of contamination and to keep occupational and environmental radiation exposures ALARA.

The Contractor shall implement the ERPP to control and manage its radiological activities so that releases to the environment and doses to members of the public are kept ALARA. The ERPP shall monitor the Contractor's activities and integrate with effluent monitoring conducted by other site contractors to characterize any site releases of radioactive material from radiological activities. The Contractor shall submit the ERPP within 60 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**). In addition, an updated ERPP shall be submitted (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) prior to any significant changes or additions being made to the ERPP. Annually, the Contractor shall submit either an updated ERPP or a letter stating that no changes are necessary in the currently approved ERPP.

C.3.2.4 Radiation Dosimetry

The Contractor shall provide, or ensure availability of all necessary dosimetry (e.g., optically stimulated dosimeters, thermoluminescent dosimeters/personal nuclear accident dosimeters), bioassays, and monitoring equipment for work performed under this Contract as required by **10 CFR § 835 Occupational Radiation Protection**. Dosimetry services are provided as specified in **Section J, Attachment J-5, PPPO Site Services and Interface Requirements Matrix**.

C.3.2.5 Quality Assurance

The Contractor shall submit a **Quality Assurance Program (QAP)** within 40 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**) in accordance with **10 CFR 830 Subpart A, DOE O 414.1 Quality Assurance**, associated DOE directives referenced herein (i.e., Policies, Manuals, and Orders) and **E.2 DOE-E-2001 Inspection and Acceptance**.

The Contractor's QAP shall be applied to all work performed by the Contractor (e.g., mission, safety, and health). The Contractor's QAP shall include a Quality Assurance Implementation Plan (QIP), describing how the requirements of the QAP are implemented and flowed down to lower tier organizations, within 40 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**). The Contractor shall review and annually update its QAP (see **Section J, Attachment J-4, Summary of**

Contract Deliverables, Table B) or submit a letter stating no changes are necessary. The implementation of QAP requirements shall be in accordance with the QIP. The Contractor's implementation of a specific QAP shall not relieve the Contractor from any responsibility to furnish the contracted items/services in full conformance with all the terms of the Contract, **10 CFR 830**, or other applicable laws and regulations. If there is any inconsistency between the specific QA program and any other terms of the Contract, the more restrictive requirements shall apply.

The Contractor shall also submit a Software Quality Assurance Plan within 60 days of AOO and be updated and submitted annually.

C.3.2.6 Contractor Assurance System

The Contractor shall submit a **Contractor Assurance System (CAS) Description** within 60 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**), as required by **DOE O 226.1, Implementation of DOE Oversight Policy**, with quarterly reports submitted thereafter (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). This document shall identify and address program and performance deficiencies, opportunities for improvement, and processes to report deficiencies to the responsible managers and authorities, and shall be tailored to site specific requirements. The CAS Description shall establish and effectively implement corrective and preventive actions and share lessons learned across all aspects of the work scope. The Contractor shall submit a declaration of compliance annually to DOE (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). The "method for validation" of compliance shall be included with the declaration.

C.3.2.7 Issues Management System/Occurrence Reporting

The Contractor shall submit a comprehensive **Issues Management System** within 60 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**) for the identification, assignment of significance category, and processing of quality or safety-related issues identified within the Contractor's organization in accordance with **DOE O 414.1, Quality Assurance**, and **DOE O 226.1 Implementation of DOE Oversight Policy**; and associated DOE directives referenced herein (i.e. Policies, Manuals, and Orders). The Contractor shall address remaining open issues and actions that were not closed by the end of previous contractor's period of performance.

All issues are to be tracked in one combined location and disseminated to DOE. The Contractor shall provide a listing of closed condition reports to DOE monthly for information (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**).

The Contractor shall provide electronic access (without the ability to edit the information/data) to its issues management systems for DOE to permit retrieving and reviewing information contained within the system. This access shall include related trend reports. Access shall be provided at AOO by the Contractor.

The Contractor shall review and categorize identified issues as required by **DOE O 232.2, Occurrence Reporting and Processing of Operations Information**. The Contractor shall prepare Occurrence Reporting and Processing System (ORPS) reports when appropriate and perform subsequent follow-up actions to address the reported issues as necessary in accordance with these requirements. The reports shall be submitted per occurrence to the DOE ORPS in accordance with **DOE O 232.2** (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**).

The Contractor shall:

- (a) Establish and implement operations practices for investigating events to determine their impact and prevent recurrence, addressing the following elements:
 - (1) Specific events requiring investigation and criteria for identifying other events or conditions to be investigated;
 - (2) Designation of investigators and their training and qualification;
 - (3) Investigation processes and techniques;
 - (4) Causal analysis and corrective action determination;
 - (5) Event investigation reporting, training, and trending; and
 - (6) Responses to known or suspected sabotage.
- (b) Support DOE accident investigations for accidents occurring on self-performed and subcontracted work activities, as required in current DOE directives.

C.3.2.8 Reserved

C.3.2.9 Nuclear Safety

The Contractor shall develop and maintain safety bases for nuclear facilities, operations, and activities compliant with **10 CFR 830, Nuclear Safety Management**. The Contractor shall ensure that the structure of requirements to achieve nuclear safety is based on sound principles such as defense in depth, redundancy of protective measures, robust technical competence in operations and management oversight, and compliance with DOE directives embodying nuclear safety requirements.

Readiness determinations shall be conducted in accordance with **DOE Order 425.1, Verification of Readiness to Start Up or Restart Nuclear Facilities**.

C.3.2.10 Waste Management and Pollution Prevention Programs

All packaging and transportation practices shall be in accordance with applicable Federal, state, and local regulations and requirements, including NEPA documents; including but not limited to: **DOE O 435.1, Radioactive Waste Management; DOE M 435.1-1, Radioactive Waste Management Manual; DOE O 458.1, Radiation Protection of the Public and the Environment; and DOE O 460.1, Hazardous Materials Packaging and Transportation Safety**. The Contractor shall submit the following documents (see Section J, Attachment J-4, **Summary of Contract Deliverables, Table A** and Attachment J-4, **Summary of Contract Deliverables, Table B**):

- (a) Waste Management Plan (initial shall be submitted within 60 days after NTP, and annual updates) that reflects an integrated overarching approach to waste management that minimizes generation, maximizes recycling and reuse, and includes evaluations for alternate disposal sites or processes to reduce disposal costs;
- (b) Waste Forecast (initial and annual updates) that identifies the volume of waste to be generated and the anticipated disposition pathway by type;
- (c) Program/plan for meeting the Nevada National Security Site (NNSS) waste certification process, including forecasts and updates as requested;
- (d) Report low-level waste (LLW)/mixed low-level waste (MLLW) volumes for prior year actual and forecast shipments as requested by the DOE Office of Environmental Management;

- (e) Exemption requests for use of non-DOE treatment, storage, and disposal facilities which includes lifecycle cost analysis for disposition (non-DOE treatment, storage, or disposal) options considered; and
- (f) Transportation Safety Document (shall be submitted within 30 days of NTP and reviewed for updates and resubmittal annually).
- (g) Letter submittal indicating the type and quantity (in pounds) of material diverted for recycling, including material transferred to the D&D/D&R contractor for reuse or asset recovery.

The types of waste expected to be generated include, but are not limited to LLW, MLLW, industrial waste, sanitary waste and hazardous waste. Waste is considered disposed of when it has been shipped to and accepted for final disposition at a properly licensed or permitted disposal site.

The Contactor shall use DOE Consolidated Audit Program (DOECAP) accredited labs unless approved otherwise by DOE. The Contractor shall provide auditor support for DOECAP audits of commercial facilities if non-DOE treatment and disposal services are used.

The Contractor may access the EM National IDIQ Disposal and Basic Ordering Agreement (BOA) treatment contracts (e.g., DOE LLW/ MLLW Disposal Services IDIQ Contracts and DOE LLW/ MLLW Treatment Services BOAs) as needed for the execution of waste management activities.

The Contractor shall coordinate with DOE for review and release of materials for recycle in accordance with **DOE O 458.1, *Radiation Protection of the Public and the Environment***. The background on restrictions on metal disposition is provided in an August 22, 2018, presentation, ***Metals Moratorium History and Status***.

C.3.2.11 Environmental Monitoring and Reporting

The Contractor shall perform activities required for environmental monitoring and reporting for facilities which it is assigned. The Contractor shall perform monitoring, reporting, tracking, trending, and evaluation of enforcement and compliance activities associated with environmental media. The Contractor shall prepare environmental permits, licenses and applications. In compliance with the regulatory agreements, the Contractor shall implement environmental monitoring programs, including sampling and analysis, reports, maintenance, repair, and operation of all CO assigned monitoring systems and stations. In addition, consistent with the **DOE O 231.1, *Environment, Safety and Health Reporting***, and **DOE O 458.1, *Radiation Protection of the Public and Environment***, the Contractor shall be responsible for collecting, compiling, and reporting data obtained from its operations and provide the information to the D&D/D&R Contractors for consolidation into comprehensive site-wide reports (e.g., Annual Site Environmental Report (ASER), Environmental Management Systems (EMS), Spill Prevention Control and Countermeasures (SPCC) and the annual National Emissions Standards for Hazardous Air Pollutants (NESHAP) report).

For Paducah, the Contractor shall be signatory as a co-permittee on the KPDES permit for Outfalls 001, 004, 006, 008, 010, 013, and 017. Fines and penalties associated with being signatory to the KPDES permit will be in accordance with **H.21 clause, *Contractor Acceptance of Notices of Violation or Alleged Violations, Fines, and Penalties***.

For Portsmouth, the Contractor shall be signatory as a co-permittee on the **National Pollutant Discharge Elimination Effluent System (NPDES)** permit for Outfalls that Contractor operators contribute to. Fines and penalties associated with being signatory to the NPDES permit will be in accordance with **H.21 clause, *Contractor Acceptance of Notices of Violation or Alleged Violations, Fines, and Penalties***.

The Contractor shall be responsible for permits, applications, licenses, and other regulatory documents required by the Contract (**See Section H and Section I**). The Contractor shall review, revise as necessary, and submit revisions for CO approval, the Regulatory and Permitting Management Plan (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). The Contractor shall execute revisions to the Plan upon CO approval. The Contractor shall notify the CO if no revisions to the Plan are needed. This Plan shall describe the strategy for ensuring that the conversion facilities are operated in accordance with applicable requirements. The Plan shall include a schedule of regulatory and permitting actions. The schedule shall identify major milestones and critical actions necessary to ensure that licenses and permits have been obtained. The Contractor shall review the Plan annually, revise as necessary, and submit revisions to DOE for approval prior to implementation.

C.3.2.12 Nuclear Criticality Safety

The Contractor shall submit a criticality safety program document, as applicable, to DOE for approval that complies with **DOE Order 420.1, Facility Safety**.

C.3.3 PROJECT REQUIREMENTS, SUPPORT ACTIVITIES, AND INTEGRATION

C.3.3.1 Performance Measurement System

The Contractor shall establish, maintain, and use a performance measurement system, identified as the Contractor Performance Baseline (CPB), which accurately records and reports the Contract performance against the requirements of the Contract, accurately reflects the Contract price in Section B of the Contract, and is consistent with DOE and EM policies and guidance for operations activities. The Contractor shall utilize the WBS as indicated in **Section J, Attachment J-12, Contract Baseline**. The requirements of **DOE O 413.3, Program and Project Management for the Acquisition of Capital Assets** shall be incorporated to the extent applicable.

The Contractor shall provide all software it may need to perform accounting, business, and project controls functions under this Contract.

C.3.3.1.1 Contractor Performance Baseline

The Contractor shall submit an **Initial CPB** within 30 days after NTP (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table A**) that reflects that Contractor's price for the full contract period, with any revisions resulting from negotiations leading to Contract award.

The Contractor shall submit an **Interim CPB** within 75 days after NTP (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table A**) that provides work planning, measurement and management details as listed below to cover approximately the first 16 months of performance starting from the NTP. The Contracting Officer will notify the Contractor of the exact timeframe to be used for the Interim CPB. The Interim CPB shall include:

- (a) Product-Oriented Work Breakdown Structure (WBS) and WBS dictionary aligned with work scope deliverables;
- (b) Integrated Resource Loaded Schedule at work-package level to track monthly performance for the initial period;
- (c) Work Management Plan that includes Work (or Project) Control System description, Change Control process description, Contractor's project team with roles and responsibilities; and
- (d) Annual work plans covering the Initial CPB planning period for operations activities.

The Interim CPB shall incorporate negotiated and approved Contract modifications made within the Transition Period (if applicable). Subsequent modifications negotiated will be incorporated in the CPB through Contract modification and baseline change approvals.

The Contractor shall immediately begin performance reporting against the Interim CPB as submitted to the Contracting Officer and prior to receiving approval of the deliverable.

The Contractor shall submit the **Full CPB (see Section J, Attachment J-4, *Summary of Contract Deliverables*, Table B)** for the remaining Contract term. These plans shall include the development of the full CPB which may entail development/expansion of multiple CPB segments consistent with the DOE provided high level WBS and include revised work planning, measurement, and management details for the full contract performance.

Further, the Contractor shall submit, the full CPB for the full scope of the Contract that is made up of CPB segments for each capital asset project and for each operations activity, and the required data to support earned value management system (EVMS).

The Contractor shall provide monthly status reports regarding the CPB document preparation progress to DOE.

C.3.3.1.2 Requirements

The CPB shall include Basis of Estimates (BOE) statements, associated with the contract pricing. The BOE documents shall support the Contractor's price by specifically identifying assumptions, as well as the resource quantities (labor hours, material quantities, etc.) and unit rates (labor rates, equipment rental rates, etc.) for all direct cost elements (direct labor, materials, equipment, other direct costs, etc.). The performance measurement system shall establish performance milestones, schedules, and percentage of project completion. The performance measurement system shall employ sound performance measurement principles and provide adequate insight into potential risks to DOE relating to achievement of schedule and technical performance objectives.

The Contractor shall ensure the CPB remains aligned with the contract terms to include scope, cost and schedule. The Contractor shall ensure timely response to contract modifications and declaration of changed conditions, through the submission of contract change proposals and/or baseline change requests to maintain alignment of the CPB with the Contract. The Contractor shall provide all management and technical information to:

- (a) Support the budget formulation activities including, but not limited to, emerging work items list, budget formulation inputs (including Integrated Priority List), budget update submissions, budget scenario development, and budget presentations (such as public and regulatory briefings, etc.);
- (b) Develop and submit Annual Spend Plans, Monthly Spend Plan Reports, Full Time Equivalent staffing projections, actual headcount projections, and other similar reporting information;
- (c) Meet the data requirements of the DOE Integrated Planning, Accountability and Budgeting System (IPABS);
- (d) Support audits, evaluations, and external technical reviews; and
- (e) Support other DOE project performance assessments and information needs.

All project management information developed under this Contract shall be provided electronically or be electronically accessible by DOE to include native formats. In support of the PAD and PORTS Integrated Site-wide Federal Lifecycle Baselines, the Contractor shall also provide the CPB information to DOE or other DOE prime contractors, as designated.

The Contractor shall ensure that charging practices conform to the CPB and that charging is representative of the approved Work Breakdown Structure. This includes timesheet monitoring and accounting system oversight to avoid incorrect charging to WBS elements.

C.3.3.2 Monthly Performance Report (MPR)

The Contractor shall submit the Contractor's **Monthly Performance Report (see Section J, Attachment J-4, Summary of Contract Deliverables, Table B)**. This deliverable includes information to satisfy multiple performance reporting requirements.

The submittal shall include the report format required for submittal to the Office of Project Assessment that includes the Contract Performance Reports (CPR) formats 1, 3, 5, and 6 and a Contract Funds Status Report (CFSR). The CPRs shall be provided in the format forms referenced in DOE's Integrated Program Management Report Data Item Description unless the contract specifies otherwise. The CFSR shall be provided in accordance with DOE's CFSR Data Item Description. The Contractor shall submit the MPR to the CO, with a copy to the Office of Project Assessment ContractorsMPR@hq.doe.gov, not later than ten (10) business days following the end of each calendar month. Project measurement and reporting for operations activities shall be performed in accordance with **Requirements for Management of the Office of Environmental Management's Cleanup Program**, dated July 20, 2017, and the DOE IPABS. The report shall provide the prior month's performance for each Contract Line-Item Number (CLIN) and an update of the performance to date. The report shall include a narrative description of scope accomplished, progress on corporate and Contract specific performance metrics, status of milestones, and deliverables.

A separate presentation shall be provided to DOE within five (5) business days of submittal of the Monthly Performance Report. This is not submitted to the headquarters email above and should be a separate transmittal.

The Monthly Performance Report shall also include an executive summary comprising the following sections:

- (a) A concise narrative of the project status including scope accomplished during the reporting period, near term activities to be performed, and whether project is on target to meet objectives and whether any new risks have been identified.
- (b) An update of the schedule with details of deviations from the critical path or near critical path, their root cause, and potential impacts to the project.
- (c) Explanation of near-term milestones and deliverables at risk of being missed.
- (d) Discussion of corrective actions currently in place to address performance issues including initiation date of corrective actions.
- (e) A short narrative explaining any funding issues.
- (f) Information on any safety or quality matters that emerged or persisted during the reporting month.

Additional information/sections may be added or reorganized to provide an efficient manner to present and discuss information for each project. Action items from monthly meetings shall be identified and reported on each month. Along with the submittals above, the following electronic files are required;

- (a) Excel file of the monthly spend plan by month at WBS Level 5 (or lower if necessary) for current FY, FY+1, and a Total Contract Estimate at Completion column.
- (b) Primavera (P6) status file at the end of the reporting period.
- (c) PDF version of P6 status file.

The schedule shall be provided utilizing the current version of Primavera Systems, Inc., Enterprise for Construction© software unless otherwise agreed to by DOE.

The Contractor shall submit an **Annual Work Plan** (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) that reflects the requirements and schedule of this Contract and the metrics to be achieved during the forthcoming year. This annual work plan shall include a cylinder processing schedule with provisions for processing any high risk or degraded cylinders.

The Contractor shall assist in the performance of all applicable project reviews that may include, but are not limited to, independent project reviews; quarterly project reviews; safety, security, and quality assurance assessments; and periodic reviews of project performance.

C.3.3.3 Cost Estimating

The Contractor shall ensure that cost estimates are credible, well documented, accurate, and comprehensive.

Contractor developed cost estimates form the basis of the cost baseline of the CPB and are important when evaluating proposed Contract changes. DOE uses these cost estimates for budget formulation, contract change management, cleanup program planning, establishing a database of estimated and actual costs, and performance measurement. The Contractor shall prepare cost estimates utilizing ***The Twelve Steps of High-Quality Cost Estimating Process***, identified by the Government Accountability Office (GAO) in **GAO-20-195G, GAO Cost Estimating and Assessment Guide**, for all priced contract actions exceeding the simplified acquisition threshold.

The Contactor shall provide the full activity-based cost estimate for each activity, proposal or task and further identify existing resources reallocated from existing activity(s) to support work activities identified in each proposal.

C.3.3.4 Project Management and Risk Management Plans

The Contractor shall develop and submit a Project Management Plan (PMP) within 45 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**; and **DOE O 413.3, Program and Project Management for the Acquisition of Capital Assets**). The PMP shall describe the management methods, organization, control systems and documentation for the project. If significant changes occur during the project, the PMP shall be revised to ensure the plan is kept current.

The Contractor shall have an integrated risk management program where crosscutting risks and mitigation actions are identified, communicated, and coordinated with DOE and other site contractors. The conduct of risk management shall result in risk informed prioritization of program, project and infrastructure investments that facilitate successful project execution and program management.

The Contractor shall implement a risk management program in compliance with **DOE O 413.3** and consistent with **EM's, Program Management Protocol, of October 2020**.

The Contractor shall submit a **Risk Management Plan (RMP)** within 45 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**). The plan shall identify the processes and procedures that will be implemented to address risk identification, qualitative risk assessment, quantitative risk analysis, risk handling, schedule risk analysis, risk monitoring and reporting and calculating the recommended management reserve and schedule reserve required for adequate management of Contractor-controlled risk. The Contractor shall communicate its risk analysis pertaining to crosscutting decisions to DOE and other site contractors, including agreement as to who shall be the lead for managing each risk.

These crosscutting impacts shall be quantified in terms of probability, cost, and schedule impact to the overall site cleanup mission where possible.

C.3.3.5 Project Support Activities

The Contractor shall provide services including management, public affairs including Citizens Advisory Board (CAB) support, business administration (e.g., contracting, procurement, financial and accounting), legal support, human resources, training, and program management.

The Contractor shall perform activities including, but not limited, to:

- (a) Support DOE in responding to Congressional, regulatory and other requests for documents and information; examples of such include: Freedom of Information Act requests; Privacy Act requests; and litigation document requests served upon DOE and its current and former prime contractors. Support shall include, but not be limited to, preparation for briefings, public presentations, and search, review, and reproduction of documents. The Contractor shall ensure all external briefing materials and public presentations are of the highest professional quality to present the current and planned project achievements. The Contractor shall ensure that sufficient time is allotted for DOE (including Headquarters) to review and comment on any external briefing materials and public presentations. External briefing materials and public materials shall be approved by DOE prior to public release;
- (b) Obtain DOE review and approval of all communications or releases of information to the public, the media, or members of Congress. The Contractor shall coordinate with other site entities and contractors as necessary.
- (c) Support DOE in the development of internal presentations, budgets, staff development, and other related services;
- (d) Provide and support site tours of the Contractor's assigned facilities and activities by providing presentation/handout materials and communicating the status of the project;
- (e) Host public/stakeholder meetings and working sessions, as needed, to support high interest topics and to educate the community about the work at the site;
- (f) Support DOE in preparation of presentations and conducting presentations to each of the local CAB's monthly meetings, as directed;
- (g) Provide administrative services pertaining to public affairs. These shall include, but not be limited to, development of a project/site external communication strategy to present the current and planned project achievements to DOE's stakeholders, including local and state government and congressional representatives;
- (h) Ensure that all environmental regulatory documents have received adequate legal review for sufficiency, accuracy and strategic impacts before being submitted to DOE and then to the regulatory agencies;
- (i) Provide joint legal support to DOE in connection with legal or regulatory proceedings at DOE's request;
- (j) Support Contract implementation at the beginning and transition at the end of the Contract;
- (k) Provide external review and support to DOE by providing support during audits and assessments by entities having oversight responsibility for PPPO and its contractors. These entities include:
 - (1) Government Accountability Office (GAO);
 - (2) DOE Office of Inspector General (OIG); and
 - (3) Other governmental and DOE organizations.

- (l) The Contractor shall support DOE in interfacing with GAO, OIG, and other governmental and DOE oversight organizations by:
 - (1) Cooperating with assessors and auditors, and providing access to work areas, personnel, and information;
 - (2) Providing support during audits and assessments, including delivering information within a specified time, arranging briefings, preparing presentation materials, maintaining a record of documents provided in response to requests, and making this record available to DOE as requested;
 - (3) Providing knowledgeable single points-of-contact for each of the following: OIG, GAO, and other assessing governmental and DOE oversight organizations (including the DOE Office of Enforcement);
 - (4) Providing and tracking training to DOE and other site contractors required to access/enter its facilities, including respirator training, asbestos awareness, and other specialized training
- (m) The Contractor shall support DOE in hosting site visitors, providing required presentations, responding to information requests, and providing required subject matter experts to respond to questions and information requests.

C.3.3.6 Critical Interfaces and Integration

C.3.3.6.1 General

The Contractor is one of multiple entities performing work under the direction or permission of DOE at each site. Prior to completion of the Transition Phase, the incumbent contractors are responsible for scope within the areas under their direct control. The Contractor shall interface with incumbent and other entities on utilities and services to enable successful completion of operations under this Contract. The nature of those interfaces and service listing with other DOE site contractors are described in **Section J, Attachment J-5, PPPO Site Services and Interface Requirements Matrix**.

C.3.3.6.2 Shared Sites

The Contractor shall lead, support, and actively participate in a monthly meeting between the DOE and site contractors to coordinate and integrate site activities and issues. The meeting shall be attended by a senior manager from the Contractor's organization as appropriate, or as directed by the Contacting Officer's Representative (COR).

C.3.3.6.3 Project Office

The Contractor shall establish a management office with personnel physically located at Lexington, Kentucky, to facilitate coordination with the PPPO. PPPO may designate and provide the office space and if necessary, transfer leases of existing space. This office shall provide the resources to coordinate and manage the administrative activities of the Contract at PORTS and PAD through the Program Manager as identified in **H.43, DOE-H-2070 Key Personnel**, who will be the single, point-of-contact for the management of the OSMS Contract. This individual and his/her staff shall provide, at a minimum, functions of accounting, finance, budget, and senior leadership to interface with the DOE PPPO Manager, the DOE DUF6 Program Manager, DOE CO, DOE Site Leads and designated functional managers.

C.3.4 CYBER SECURITY AND COMPUTING

The Contractor shall be responsible for supporting all aspects of its work through an integrated telecommunication and computer network system. Integration of various facilities and activities on systems operated by others shall be addressed by the Contractor.

The Contractor shall report any scheduled or unscheduled service outages to itoutage@pppo.gov, or if email services are not available, to the PPPO Cyber Security Program Plan Cyber Incident Escalation list by alternate communication methods. Examples of service outages include:

- Applications or services that have the potential to impact safety
- Applications or services that have the potential to impact regulatory compliance
- Applications or services that are identified in Mission Impact Analysis
- Applications or services that are identified in the Continuity of Operations Plan

The Contractor shall provide two weeks advance notice prior to scheduled outages. Unplanned outages shall be reported as soon as practical. The notification shall include the services included, reason for the interruption, duration, estimated start and stop times, and the equipment, network connectivity, and buildings affected as applicable.

C.3.4.1 Cyber Security

C.3.4.1.1 General

The Contractor shall manage IT resources in accordance with the PPPO cyber security program aligned with the **National Institute of Standards and Technology (NIST) Risk Management Framework**. Information systems in-scope include unclassified general support systems, industrial control systems (DUF6, UF6 operations, Paducah GDP Network and all supporting systems), and major applications. The Contractor shall seamlessly integrate and implement cyber security programmatic and technical controls into work processes and products supporting mission objectives, ensuring minimal impact to operations and that cyber security-related risk incurred by DOE is maintained at acceptable levels, as determined by the Authorizing Official. The TSS Contractor provides the overall cyber programmatic framework for all PPPO contractors including the General Support Systems (GSS) and Industrial Control Systems (ICS) for the PAD/PORTS. The Contractor shall be accountable for operating the GSS and ICS systems for the contract scope of work and meeting requirements through its operations and compliance controls for its IT operations as defined by the PPPO Cyber Security Program.

C.3.4.1.2 Requirements

The Contractor shall comply with the cyber security requirements specified in **DOE O 205.1, DOE Cyber Security Program**, and applicable Cyber Security Program Plans (CSPP). In fulfilling requirements, the most current, approved versions of NIST Special Publications (SP), Federal Information Processing Standards Publications, and other applicable requirements documents as listed in **H.69, Information Technology and Cyber Security Requirements**, shall be used.

In close coordination with the PPPO and the TSS Contractor staff, the Contractor shall implement the CSPP, directed by DOE, that is aligned with DOE mission objectives, serving as the framework for how the cyber security program manages risk incurred by DOE from the operation of information systems ensuring the information systems are compliant with applicable regulatory requirements including but not limited to the current approved version of the PPPO-CSPP. The most current version of this document can be obtained by requesting it through the Contracting Officer, or by emailing a request to CyberOversight@pppo.gov. Compliance with the PPPO-CSPP also requires adherence to the Department

of Energy (DOE) Enterprise (E)-CSPP, DOE Office of Environmental Management (EM)-CSPP, Federal laws, regulations, directives, policies, standards and guides pertaining to cyber security, as well as interrelated DOE issuances, directives, policies, and procedures identified in DOE Order (O) 205.1D, Department of Energy Cyber Security Program."

C.3.4.1.3 Incident Handling Coordination and Reporting

All cyber security-related incident handling activities will be coordinated with the TSS Contractor and the PPPO prior to reporting to the Integrated Joint Cybersecurity Coordination Center. All cyber security-related incidents will be reported to the PPPO Federal Office (Security and Cyber) and the TSS Contractor (Security and Cyber) to ensure de-confliction, information sharing, and public relations activities can be executed to protect the interests of DOE and the Contractor (and its subcontractors).

C.3.4.1.4 Corporate Requirements

The Contractor's corporate information system(s) (both on-site and off-site as applicable) and those of its subcontractors used to support DOE mission objectives or process DOE data shall comply with the "basic" and "derived" security requirements identified in **NIST SP 800-171 *Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations***. The Contractor shall submit annually to DOE a self-assessment documenting the compliance status with these requirements. In addition, a risk assessment shall be completed for any deficiencies in security controls posing a high risk to DOE and submitted to DOE within a period no greater than 30 calendar days after discovery. Initial notification of non-compliance shall be sent to DOE no greater than 5 calendar days after discovery. The Contractor shall report to DOE all significant attempts or successful intrusions into corporate networks (both of internal and external nexus) under its direct control and that of its subcontractors.

C.3.4.2 Computing and Information Technology (IT)

The Contractor shall perform all information technology (IT) support and management services for assigned facilities in **Section J, Attachment J-7, *PPPO Facilities Responsibility Matrixes (for Landlord and Selected Services)*** at PORTS, PAD, and Project Offices at Lexington.

The Contractor shall also provide Paducah Site Gaseous Diffusion Plant (GDP) technical support to include:

- 1) An interchange of information on technical parameters and capabilities of the Computing and Telecommunication systems;
- 2) Location and identification of building terminals and communication rooms; and
- 3) Verification of cable record information as directed by DOE. The Contractor shall maintain documentation for all assigned systems in the OnePPPO Netbox and sharepoint repository.
- 4) Site guest networks for accessing the internet for approved visiting organizations.

These efforts include setting of equipment options to determine proper operational conditions; restoration of service to existing equipment; establishment of service to new facilities; establishment of service for existing facilities under renovation; transfer from one system to another system; and support of hardware and software upgrades.

C.3.4.2.1 General

The Contractor's computing and telecommunications systems shall be compatible with the computing and telecommunications systems utilized by DOE. The Contractor shall provide reliable and secure telecommunications and networked voice, video and data services, wireless services and Mobile Device

Management for the Lexington, Portsmouth, and Paducah assigned facilities. The Technology services shall be implemented based on the guidance provided in the PPPO IT and Cyber Security Strategic Plan. The IT Infrastructure shall include network and server hardware that is listed on the OnePPPO IT and Cyber Hardware and Software standardization Sharepoint site and is also energy efficient and reduces the IT footprint (i.e., CPU/Memory dense servers; flash based network storage, and modular network equipment). The IT Infrastructure shall include the following items that are in the DOE Strategic Plan and OnePPPO Standards Site: VMware, redundant Storage Area Network (SAN) environment, network equipment to support the server and storage environments, OnePPPO defined records management solution, cisco wireless infrastructure with supporting wireless intrusion detection system, Teams, Office365 email, SharePoint Online and all other IT and cyber security requirements defined in the Strategic Plan, OnePPPO initiatives and applicable CSPP's. The IT infrastructure shall include hardware and storage that will provide scalability to ramp up or down along with the needs of the sites. Additionally, the Contractor shall ensure optimization of the IT servers to facilitate long term cost savings and system reliability along with communication and integration of other site infrastructure systems. The Contractor shall develop and execute a systemic approach to ensure that computing and telecommunications systems are within the equipment's reasonable lifecycle with operating systems and software updated/current on a periodic basis to ensure protection from cyber threats.

The Contractor shall also provide labor, management, supervision, tools, material, and network equipment necessary to perform IT support and management services at Paducah Site for the GDP network. The Contractor shall purchase and manage identified software licenses necessary to perform the work under this Contract, the costs of which are reimbursable under this section. This includes software that supports the Security Automated Access Control System.

The Contractor shall manage all IT projects in the OnePPPO PWA site for visibility and tracking at the PPPO leadership level. This data shall include project timelines, milestones, resource loading and detailed project plans. Additionally, the Contractor shall participate in project review and collaboration meetings twice a month with the OnePPPO IT team. Major upgrades, system refresh, and as the opportunity arises, activities will be planned with consideration for the following:

1. Ensure cost reimbursable funding requests for large-scale projects do not all fall into one FY where possible (e.g. workstation refreshes will be spread across multiple FYs with consideration for end of support dates);
2. Designed to implement cloud technology, virtualized infrastructure, and zero client computing where possible;
3. Designed with the goal of implementing Zero Trust principles as detailed in the PPPO-CSPP and NIST SP 800-207 *Zero Trust Architecture*; and
4. All IT equipment purchases should ensure IPv6 compatibility.

C.3.4.2.2 End User Support Services

End User Support Specialists are technical specialists whose primary function is to ensure that workstation and network problems encountered by personnel are resolved as promptly and completely as possible. The Contractor shall establish, engineer, implement and maintain the desktop infrastructure and provide desktop service for problem resolution for personnel at all three (3) sites. In order to ensure minimal computer down time, the Contractor shall maintain End User Support Specialists during regular business hours. Evening and weekend coverage, on-site or on-call, shall be made available as required to support operations.

C.3.4.2.3 Paducah GDP Requirements

The Contractor shall provide IT support and management services to ensure IT requirements are met through effective utilization of intranet, core applications, and local systems and applications in a secure

environment with minimal interruptions. IT support and management services performed under this Contract shall be provided to maintain availability of systems, applications, and data. This includes managing the VOIP system.

C.3.4.2.4 Paducah GDP Intranet

The Contractor shall provide intranet management and support services to ensure functional requirements of network users are met through effective utilization of resources and available IT facilities.

C.3.4.2.5 Paducah GDP Hardware

The Contractor shall perform maintenance and repair of all installed data/communication lines, including switches or routers, up to and including the end users receptacle (jack). The Contractor shall provide individual user computers, monitors, and printer hardware, toner, and paper for the D&R Contractor; however is not required to provide specialty software or equipment to network users with the exception of its own personnel, consistent with **Attachment J-8.C.3.3.1, *Information Technology Service Matrix***. The end user (D&R Contractor and other DOE-authorized end users) are responsible for any specialty software or equipment for its personnel and subcontractors. Additionally, the D&R Contractor shall install any additional data/communication lines and ports necessary to support its own activities if a sufficient number of ports are not available in the work location. If additional facilities are used to house personnel (e.g., trailers, new construction, renovations), the installation will be performed under IDIQ scope of work.

The Contractor shall submit an annual IT Equipment Management Plan by June 1 each year (**Deliverable D-236**) that includes a complete listing of all IT network and individual computing equipment and will include an upgrade, replacement recommendation and schedule. This plan also will address any wireless or hard-wired network recommendations to maintain optimum functionality for the Paducah Site. This plan will make recommendations based on equipment age, functionality, emerging core software version changes, facility changes, and personnel work locations. This plan will be used for annually budgeting cost reimbursable IT equipment. The Contractor must provide cost effective recommendations that correlate to overall site IT strategy.

C.3.4.2.6 Paducah GDP Work Packages

The Contractor shall interface with other site contractors to maintain compatibility with all Paducah Site services and systems. The Contractor shall review and approve work packages and design/configuration plans for system changes/alterations developed by the other site contractors. The Contractor shall perform needed risk assessments involved in changes/alterations performed by other site contractors, consistent with Section C.3.4.1, Cyber Security.

C.3.4.2.7 Network File Storage

The Contractor shall provide and manage network file storage to ensure sufficient capacities are allocated to user organizations.

C.3.4.2.8 Paducah GDP Maintenance and Upgrades

The Contractor shall maintain the Local Area Networks (LANs) and Wireless Local Area Networks (WLANs) as stand-alone systems in accordance with the Original Equipment Manufacturers' technical manuals and specifications, applicable federal, state, and local laws and regulations, and DOE Directives. The Contractor shall provide basic operating software for usage of the LANs and WLANs.

The LANs and WLANs shall be available for use by the Contractor, the D&R Contractor, and other DOE-authorized end users, including maintaining secure remote access capability for Paducah users. The

LANs and WLANs shall be configured to allow separation of multiple users. The LAN and WLAN support includes operation, maintenance, data backups, repairs and upgrades to the LAN and WLAN systems and components as necessary to provide reliable and ongoing connectivity.

The Contractor shall evaluate and recommend to DOE major upgrades required to the LAN and WLAN.

The Contractor shall purchase and manage identified software licenses necessary to perform the work for the Paducah GSS and IT Support under this Contract. These costs will be under a cost reimbursement CLIN, where there are no direct labor costs, indirect costs, or fee shall be paid for these items (i.e. pass-through costs).

C.3.4.2.9 Paducah GDP Application Deployment Services

The Contractor shall provide users with core IT application deployment services to ensure applications can be effectively utilized. The Contractor shall support designated application users to ensure deployed core IT applications are usable and technical assistance is provided in a timely manner. The Contractor shall provide technical assistance to designated application users when requested to resolve all network, system, and equipment issues associated with the local utilization of deployed core applications. Technical assistance includes, but is not limited to, adjusting settings and configuration of workstations, verifying database connectivity, and checking connection and settings of peripheral equipment. The Contractor shall assist users to resolve encountered errors related to user input, data, and execution process, and respond to assistance requests from customers. Network users will be responsible for purchase of local computer hardware.

C.3.4.2.10 Paducah GDP Outages and Interruptions

The Contractor shall perform maintenance to ensure local systems and applications operate properly and interruptions are minimized. The Contractor shall provide 72 hours advance notice, including estimated downtime, to client organizations prior to performing scheduled system maintenance that would interrupt the availability of systems or applications. Emergency outages shall be coordinated with end users.

C.3.4.2.11 Paducah GDP Help Desk

The Contractor shall operate a help desk to ensure operational issues of local systems and applications are responded to and properly resolved. The Contractor shall assist individual users to resolve local system and application operational related issues that include, but are not limited to, hardware and software related issues, system connections, and system configurations. The Contractor shall resolve all operational issues in a manner that would cause minimal interruptions to the availability of local systems and applications. The Contractor shall provide a designated phone line to accept assistance requests during normal hours of operation as established as directed by the CO and provide the capability to provide assistance outside of these hours within three hours of being notified. The Contractor shall provide the capability to provide assistance outside of normal hours of operation. After-hours support is limited to emergency situations, including power outages, network outages, or plant phone system outages that affect multiple locations or mission-critical systems. Non-emergency requests will be addressed the next business day.

C.3.4.2.12 Paducah GDP Portfolio Management Services

The Contractor shall provide application portfolio management services to ensure efficient and appropriate utilization of applications and their licenses. The Contractor shall provide core software to all users. The Contractor shall manage application licenses to ensure license reviews are completed in a timely manner and licenses are utilized appropriately. The Contractor shall conduct annual license reviews of all applications' usage and corresponding terms in the licensing agreements to identify license deficiencies and excesses. Licenses procured shall be transferable to DOE or the successor contractor. The Contractor shall report all licensing agreement violations to the COR immediately upon discovery.

The Contract shall submit an annual report of required Paducah Site software licenses, and projected cost and due dates for all site software by November 1, each year (**Deliverable 237**). This report should identify the previous year's purchases, including number of licenses and costs, and the projected current FY estimated software, number of licenses, and costs. The report should identify each software's function and contribution to the Site IT infrastructure.

C.3.4.2.13 Paducah GDP Service Support

The Contractor shall provide service support including unpacking, installation, testing, removal of personal computers (PCs) and related components; software installation, removal, or upgrades as necessary; ensuring operability between PCs and peripheral devices, the LAN, the WLAN and the Wide Area Network (WAN); and providing personal interface in assessing user needs through personal visits and telephone.

C.3.4.2.14 Paducah GDP Remote Systems

The Contractor shall establish and maintain the capability to access and utilize all remote DOE systems or databases in use at the PGDP. Remote DOE systems and databases include: CAIRS; Non-Compliance Tracking System (NTS) database; ORPS; Foreign Access Central Tracking System (FACTS) database; Facilities Information Management System (FIMS); Condition Assessment Information System (CAIS); Federal Telephone System Access; and EM's Integrated Planning, Accountability, and Budget System (IPABS); Automated Transportation Management System (ATMS).

C.3.4.2.15 Paducah GDP Mobile Devices

The Contractor shall establish a service agreement and manage the Mobile Device Management (MDM) systems and provide all mobile devices (see Section J, Attachment J-5, PPPO Site Services and Interface Requirements Matrix).

C.3.4.2.16 Asset Management

The Contractor shall manage and track the location and movement of a DOE hardware and software, or hardware and software DOE is using via the Contractor's inventory system consistent with **C.3.8.2, *Personal Property***.

C.3.5 SECURITY PROGRAMMATIC SUPPORT

The Contractor shall operate within an integrated One PPPO S&S program approach at each site with the other contractor entities and DOE. **Section J, Attachment J-5, *PPPO Site Services and Interface Requirements Matrix***, provides information on the interactions and services by all contractors.

The DOE Officially Designated Federal Security Authority (ODFSA) assigns the responsibilities of the Officially Designated Security Authority (ODSA) at the PPPO site(s) to an ISS contractor(s) individual(s). This assignment has been accomplished through the ISS contracts and the ODFSA approved SSP. The ODSA develops and maintains the site security program including the Site Security Plan(s) (SSP). The ISS Contractors have the primary responsibility for evaluation of the security posture of the DOE mission at the PPPO Sites including, but not limited to, asset identification, threat assessments, and Security Risk Assessments (SRA)/Vulnerability Assessments (VA), if required.

The Contractor shall coordinate with the ISS Contractor at the respective site to perform S&S activities and provide S&S services (Protective Force & MCA) consistent with the ODFSA approved security posture and the SSP.

The Contractor shall fully support the ISS Contractor(s), when requested in the development of the protective strategy for assigned DOE assets. The Contractor shall develop the Protective Force (PF) and MC&A section of the SSP and provide it to the ODSA as detailed in C.4.1 and C.4.2.

(a) Facility Security Officer

The Contractor shall ensure that the individual appointed during the Transition Period as the FSO has completed the DOE training for this position, to include being appointed to the sites insider threat program working group which is chaired by the ISS Contractor, and is approved by the ODFSA.

(b) Annual Security Refresher Briefing

The Contractor shall ensure all employees, to include subcontract employees, both cleared and uncleared, take the PPPO Annual Security Refresher Briefing (ASRB) either via computer-based training or in person. The Contractor shall provide evidence of training to ISS within 5 days of the ASRB completion date. ISS provides the briefings to the DOE Cognizant Personnel Security Office on who has and hasn't completed the training.

(c) Self-Escorting

The Contractor shall self-escort new employees, including its subcontractors, at onboarding and plan its contract work requirements accordingly. The Contractor shall provide currently cleared workers as escorts. No access authorizations shall be requested for the sole purpose of escorting uncleared workers without prior DOE approval.

(d) Safeguards and Security Program Management

The Contractor shall coordinate and interface with the ISS Contractor for S&S services (e.g., PPPO Site access control and Security Risk Assessments).

(e) Safeguards and Security Program Planning, Oversight, and Administration

The Contractor shall identify and coordinate its S&S operational planning activities with the ISS Contractor on a site-wide basis.

(f) Reserved

(g) Site Safeguards and Security Plan and Other Safeguards and Security Plans

The Contractor shall provide safeguards and security related information to the ISS Contractor, which includes site-specific assets and security interests, in support of maintaining the local SSP and other S&S plans. The Contractor shall comply with the SSP and other approved ISS Contractor S&S Plans.

(h) Security Risk Assessments/Roll-up Analysis

The Contractor shall provide the necessary operational and technical expertise in support of the preparation of security risk assessments, roll-up analysis, security analyses, and special S&S studies and evaluations, as identified by the ISS Contractor for the site.

(i) Design Basis Threat

The Contractor shall implement S&S actions, procedures, and/or processes as assigned by the DOE, necessary to comply with the DOE design basis threat (DBT) requirements. The Contractor shall provide PPPO ODFSA and the ISS Contractor ODSA with an annual inventory of all chemical holdings that meet the threshold for Protection Level (PL) 5 or PL 6 in accordance with DOE O 470.3, *Design Basis Threat*. The inventory will include locations, amounts and the dispositioned quantities from the last annual reporting, of any chemical assets meeting the PL 5 or 6 criteria. The Contractor shall provide to

DOE and the ISS Contractor (see Section J, Attachment J-4, *Summary of Contract Deliverables, Table B*).

(j) Performance Assurance

The Contractor shall provide information to the ISS Contractor to support preparation of the Site-wide Performance Assurance Program Plan, as part of the SSP.

(k) Surveys, Reviews, and Assessments

The Contractor shall provide operational and technical expertise, when requested, to support S&S surveys, reviews, assessments, and/or S&S performance tests (e.g., force-on-force exercises) that are conducted by itself, the ISS Contractor and/or DOE for S&S program elements. The Contractor shall conduct formal self-assessments at intervals consistent with risk management principles, in accordance with applicable DOE directives, the ISS Contractor centralized self-assessment program, and/or as directed by the ODFSA. The self-assessments must have sufficient scope, depth, and frequency to ensure that at any point the facility is in compliance with all security requirements appropriate to the activities, information, and conditions at the location. The Contractor shall identify, implement, and close corrective actions for its deficiencies in accordance with the centralized site-wide S&S corrective action management program, and applicable DOE requirements. The Contractor shall coordinate with the ISS Contractor on the input of information into various S&S tracking databases for findings identified in self-assessments, DOE periodic S&S surveys, and by other outside sources in the S&S Program.

(l) Facility Clearance and Registration

The Contractor shall submit all required information to the ISS Contractor for facility clearance and registration actions for its personnel and subcontractors.

(m) Safeguards and Security Training

The Contractor shall identify S&S training needs, if applicable for any staff and shall arrange for and schedule training in accordance with applicable requirements.

(n) Safeguards and Security Awareness

The Contractor shall comply with the requirements of the ISS Contractor's Security Awareness Program. The Contractor shall maintain awareness of site-wide security issues/topics and incorporate them into its internal practices and procedures, as appropriate. The Contractor shall also implement supplementary S&S awareness activities and/or briefings (e.g., at staff and safety meetings across the site) in coordination with site-wide policies.

(o) Classified Visits

The Contractor shall submit information required for classified visits to the ISS Contractor and comply with the requirements of the approved SSP.

(p) Equivalencies and Exemptions

The Contractor shall identify, evaluate, and provide justification for potential equivalencies and exemptions to the ISS Contractor. Additionally, the Contractor shall coordinate with the ISS Contractor prior to submittal of equivalencies and exemptions to the DOE. Equivalencies and exemptions requests shall be applicable and unique to the project/program scopes of work and submitted only when other means to meet requirements will not meet DOE S&S program objectives.

(q) Incidents of Security Concern

The Contractor shall:

- (1) Comply with the ISS procedures and processes;

- (2) Report and provide timely information and facility access to the ISS Contractor for investigation of security incidents;
- (3) Develop and implement corrective actions;
- (4) Provide information to the ISS Contractor in a timely manner to support administration of the IOSC Site Security Program; and
- (5) Perform (FSO) any infractions that may be required as a result of the ISS Contractor IOSC inquiry.

(r) Physical Security

The Contractor shall comply with ISS Contractor security plans/requirements. The Contractor shall support the ISS Contractor in developing or updating facility assets for facilities and conduct operations consistent with the SSP. The Contractor shall submit any S&S arrangements or changes prior to operations commencing, or changing operations, or configurations that might alter the performance of existing S&S systems (e.g., general access area, property protection area, limited area boundaries, physical security configurations and associated hardware [sensors/cameras], patrol coverage and responses, safeguards methods or boundaries, and entry/access control systems/procedures) through the ISS Contractor for review and approval. The Contractor shall be responsible for all security costs, if changes are for the benefit of OSMS activities and above site security baseline requirements, including capital investments and maintenance. Any security posture changes required by site contractors that are above and beyond site security baseline requirements shall not be funded by Security resources. The Contractor shall obtain the ISS Contractor's concurrence on security change/upgrades or postures to ensure SSP compliance.

(s) Information Security

The Contractor shall comply with ISS Contractor Information Security plans and processes.

(t) Operations Security

The Contractor shall participate in and support the ISS Contractor's site-wide OPSEC Working and Awareness groups and perform the necessary management and support functions required for an effective OPSEC program. The Contractor shall provide support to the ISS Contractor's OPSEC assessments of all site facilities having SNM and OPSEC's reviews of all site facilities that have the potential to process or store classified or controlled unclassified information. The Contractor shall support the annual site OPSEC threat assessment and preparation of the annual OPSEC plan.

(u) Reserved

(v) Classified Matter Protection and Control

The Contractor shall comply with ISS Contractor's Classified Matter Protection and Control plans, procedures, and requirements. The Contractor is still responsible for the flow down requirements and compliance with 10 CFR 824.

(w) Classified and Unclassified Controlled Nuclear Information Program

The Contractor shall nominate a sufficient number of Derivative Classifiers and Reviewing Officials to be trained and appointed by the ISS Contractor Classification Office. The Contractor shall train sufficient site personnel to serve as derivative classifiers as appointed by the ISS Contractor and in accordance with the training requirements established by the ISS Contractor for performance of this Contract. The Contractor shall interface with the ISS Contractor, as necessary, to inform employees of subject areas of a sensitive and/or potentially classified nature.

(x) Controlled Unclassified Information

The Contractor shall comply with ISS Contractor's Controlled Unclassified Information (CUI) Program requirements.

(y) Personnel Security

The Personnel Security function for the site involves processing requests for employee security clearances and non-cleared Homeland Security Presidential Directive 12 credentials, enrollment and maintenance, and foreign nationals for visits and assignments. The ISS Contractor manages and conducts a centralized Personnel Security program for the site on behalf of the DOE (see **Section J, Attachment J-5, PPPO Site Services and Interface Requirements Matrix**).

(z) Badging and Access Authorization (Clearance) Processing

The Contractor shall request and obtain personnel security clearances and badges, including local site-specific badges from the ISS Contractor. The Contractor shall, when requested, support the ISS Contractor in downgrading and terminating clearances, issuing badges and granting site access, as required. The Contractor shall provide timely support to the ISS Contractor for obtaining security badges, keys, etc., from terminating employees and removing such individuals from automated access control systems. The Contractor shall provide pre-employment/pre-clearance suitability investigations information to the ISS Contractor for DOE prospective and current employees.

(aa) Unclassified Foreign National Visits and Assignments

The Contractor shall notify the ISS Contractor and follow the ISS Contractor's processes for Unclassified Foreign National Visits and Assignments. The Contractor shall notify the ISS Contractor a minimum of 45 days prior to the visit of potential foreign visitors or employees accessing the site.

(bb) Foreign Travel

The Contractor shall comply with the site requirements for Official Foreign Travel including submittal of projections of potential foreign travel and submit all official foreign travel request packages to the ISS Contractor for approval in accordance with established timeframes, prior to any official foreign travel.

(cc) Technical Security Programs

The Contractor shall comply with DOE/ISS Contractor site procedures and policies regarding activities involving Technical Security Programs, protected distribution systems, and TEMPEST/Transmission Security programs.

(dd) Nuclear Material Control and Accountability (MC&A)

The Contractor provides the Material Control and Accountability Program (MC&A scope in **C.4.2**) and shall maintain control and accountability of accountable nuclear material (i.e., Other, Source, and SNM) in various Material Balance Areas across the site. The Contractor shall put appropriate controls in place based on the nuclear material attractiveness level and quantities, as described in DOE requirements (e.g., IV and any depleted material).

(ee) Protective Forces

The Contractor shall provide the Protective Force program (PF scope in **C.4.1, Protective Force Services**) to protect DOE assets, including people and property on the site. The Contractor will ensure the Protective Force personnel only perform Protective Force job tasks as defined in DOE orders and the site security plan. Examples of non-Protective Force job tasks include but not limited to: CAAS Operations, job board postings, response/staffing to emergency operations center for non-security events, traffic enforcement, blocking roadways and traffic cone distribution.

C.3.6 MANAGEMENT OF SITE SERVICES AND INTERFACES

The Contractor shall coordinate and interface with other site contractors listed in **Section J, Attachment J-5, PPPO Site Services and Interface Requirements Matrix**, in the performance of this work scope. The Attachment identifies the key specific tasks and services being provided/received and that require interface and coordination with other site entities.

DOE is committed to providing effective support to the Contractor throughout the period of contract performance, and the Contractor may request that DOE consider providing additional Site Services. In order to manage the Site Services furnished under the Contract and to evaluate the additional Site Services that may be required, the Contractor shall complete the following:

- (a) Site Services Request (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**): 12-month advance projection of Site Services to be furnished under the Contract and additional contractor-requested Site Services (if any), three months prior to each fiscal year. Information that supports the improved performance for the cost saved as a result of having the requested additional Site Services (if any); and
- (b) Site Services Request Update (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**): Quarterly update to the projection of Site Services to be furnished under the Contract and additional contractor-requested Site Services, prior to each quarter.

DOE will review the 12-month and quarterly advance projections. If it is determined to be in the best interest of the Government, DOE will notify the Contractor within 60 days if the additional contractor-requested site service can be provided, and will provide the Contractor details regarding the DOE action(s). If approved, the supported site service shall be added to **Section J, Attachment J-5, PPPO Site Services and Interface Requirements Matrix**. In the event that DOE does not notify the Contractor within 60 days, the Contractor shall assume that DOE will not support the request.

Further, any site service provided to the Contractor in **Section J, Attachment J-5, PPPO Site Services and Interface Requirements Matrix** shall not be self-performed/ subcontracted by the Contractor and costs of such will be deemed unallowable if self-performed or subcontracted.

The Contractor shall track the cost of Contractor provided services to site entities and provide tracking by funding sources with invoice submittal by fund source(s) as show below:

Section C		Attachment J-5	
Section	Title	Section	Item

The Contractor shall assist in allocating cost (by funding source) of DOE provided supplies (e.g., electrical power costs) through direct purchased services.

C.3.7 TRAINING

The Contractor shall maintain a trained workforce with the knowledge skills and abilities necessary for performance of this Contract.

The Contractor shall also complete site-specific training (provided by others) necessary for site access, (see **Section J, Attachment J-5, PPPO Site Services and Interface Requirements Matrix**). The Contractor shall not duplicate this training. The Contractor shall provide required training for its own personnel that is not otherwise provided through other contractors.

The Contractor shall accept other training modules (e.g., asbestos removal, confined space, etc.) on the same subject(s) as equivalent to its own and assure reciprocity of its training for, at a minimum, all PORTS and PAD contractors. The Contractor shall coordinate with all PPPO prime contractors to ensure this reciprocity. Establish a training program for implementation of a compliant program in accordance with **DOE Order 426.2, *Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities***, requirements and all applicable laws and regulations in support of the work performed under this contract. The Contractor shall track its employees' training status and notify employees of training needs (this includes training provided by other site contractors). Training records shall be maintained and retrievable for current employees. The Contractor shall coordinate with other site contractors to consolidate training modules, where practicable. The Contractor shall ensure that its training program is configured/managed so the personnel who do not have the necessary training (e.g., not trained, not requalified, etc.) are prohibited from performing the work that requires the training. Project specific training must be included in the project work.

C.3.8 PROPERTY MANAGEMENT

The Contractor is responsible for the management and operation of all real, personal, high risk and other sensitive property that is assigned for performance of the requirements of this Contract (**see Section J, Attachment J-3, *Accountable Property*, and J-7, *PPPO Facilities Responsibility Matrixes (for Landlord and Selected Services)***).

Contractor shall ensure a complete evaluation (within one year of notice to proceed) of the DUF6 Project in Portsmouth and Paducah to identify sensitive technology and high-risk property in support of nonproliferation activities. This includes inspection of the DUF6 processes, equipment, and materials required to update programmatic export control requirements. Evaluate current programmatic processes against the Department of Commerce, Department of Energy, and Nuclear Regulatory Commission export control lists to determine sensitive technology controls and make high risk property determinations. As part of the evaluation, reference materials (searchable electronic format) will be developed for future technology program reviews.

The Contractor shall coordinate and collaborate with the respective sites ISS Contractors Sensitive and High-Risk property programs to ensure alignment with the ISS Contractors procedures, plans and processes.

C.3.8.1 Real Property Management

The Contractor shall, for all real property assigned, comply with **H.65, *Real Property Asset Management***, all real property asset management requirements, federal rules and regulations, and all applicable laws. The Contractor shall maintain FIMS data and records for all property. The Contractor shall ensure that its subcontractors comply with all real property requirements. The Contractor shall coordinate with all other site contractors to ensure the work performed under this Contract is implemented in a consistent, efficient, and compliant manner across PPPO sites.

The Contractor shall ensure all actions involving planning, acquisition, sustainment, and disposition of real estate and real property assets are reviewed, and approved by an authorized Certified Realty Specialist (CRS), as appropriate, prior to execution by a DOE official with real estate delegation authority, to include termination or modification of rights of ownership, possession, entry or use of real property, even if these types of actions are contained within other documents, per Supplemental Real Estate Guidance to Clarify Types of Agreements that are Real Estate Actions, and Approval of Real Estate Provisions of Multi-Subject Agreements, January 2021. The Contractor shall submit all real estate proposals to acquire, utilize, and dispose of real property assets to the Site assigned DOE CRS, through

the Site Assigned Real Property Officer (RPO) (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). Real estate actions, subsequent to CRS review and approval, will be executed by DOE at the appropriate level of delegated authority, such as authority possessed by a Real Estate Contracting Officer (RECO).

C.3.8.2 Personal Property

The Contractor shall manage all personal property assigned Government Furnished Equipment (GFE) in accordance with **FAR 52.245-1, Government Property**. The Contractor shall also routinely input data and maintain the Property Information Database System (PIDS).

The Contractor shall be responsible for personal property management functions for assigned personal property (see **Section J, Attachment J-3, Accountable Property**), and as assigned by DOE. To fulfill the functions, the Contractor shall:

- (a) Manage all assigned government-owned accountable and non-accountable personal property in accordance with **41 CFR 101, Federal Property Management** and **41 CFR 109, Facility Management**;
- (b) Ensure all written warranties for items purchased using federal funds are issued with DOE as having full ownership title;
- (c) Disposition classified equipment and material in accordance with the requirements of **41 CFR 109-45.309-52, Department of Energy Property Management Regulations**, **DOE O 471.6, Information Security**, and **DOE O 205.1, DOE Cyber Security Program**;
- (d) Maintain a cradle to grave high-risk material and equipment identification and reporting process. The Contractor shall identify, control, and disposition high-risk property as directed by DOE;
- (e) Disposition nuclear-related or proliferation sensitive property in accordance with the requirements of **41 CFR 109-45.309-3, Nuclear-Related or Proliferation-Sensitive Property**, and site **Export Control Information Program**;
- (f) Prepare and submit reports/data as required to include those identified in **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**; and
- (g) Administer the personal property management program, and document in an automated database all personal property actions related to acquisition, use, and disposition of personal property assets. Administration of the program includes all Government-owned personal property utilized under this Contract.

The Contractor shall support efforts to utilize the PORTS community reuse organization for the sale of reusable/recyclable equipment and material in order to maximize recovery of losses where possible. At PAD, the Contractor shall support efforts to utilize the Paducah Area community reuse organization. DOE has provided guidance regarding the oversight of the free release of radiologically contaminated equipment and materials at PORTS and PAD.

The Contractor shall be responsible for excessing of the personal property s, intended for reuse or transfer (see **Section J, Attachment J-5, PPPO Site Services and Interface Requirements Matrix**). Sales of surplus DOE inventory will be conducted by the Contractor when it is in the best interests of the Government. Surplus property to be sold will be reviewed and approved by the DOE Property Administrator prior to sale.

C.3.8.3 Fleet Management

The Contractor shall manage and administer all aspects of a sound vehicle and equipment fleet program, for all Contractor assigned DOE-owned, GSA-Leased and commercial leased vehicles in accordance with regulations and guidelines as set forth by DOE, General Services Administration (GSA), and Federal Property Management Regulations. The Contractor shall replace as necessary at end of useful life, non-GSA vehicles with GSA Fleet vehicles that can use alternative energy, if available. The Contractor shall submit all annual reports (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) related to fleet management as required by **41 CFR Part 102-34, Motor Vehicle Management Subpart J**, to GSA and DOE. Fleet vehicles shall be assigned to the appropriate organizations and billed accordingly.

C.3.9 RECORDS MANAGEMENT

C.3.9.1 Records Management Program

The Contractor shall manage all Federal records (regardless of media) generated/received (including subcontractors) in the performance of the contract in electronic format (born digital) to the fullest extent possible. Approximately 2,424 cu. ft. of historical records from the predecessor contractor (DUF6) must also be managed and processed from temporary hard copy to electronic format (digitized) in accordance with Federal laws, regulations, and DOE requirements, the PAD ISS Records Management Program, and with **Section J, Attachment J-2, Requirements Sources and Implementing Documents**.

The Contractor shall be responsible for all records management and document control, activities include, but are not limited to: tasks associated with creation/receipt, maintenance, storage/preservation, protecting, scheduling, indexing and turnover of active and inactive records (including e-mails) to the PAD ISS Contractor for processing; managing classified records, Controlled Unclassified Information (CUI), and Unclassified Controlled Nuclear Information (UCNI), as applicable; providing all its employees and subcontractors with records management training; retrieving of records; supporting records management data calls from the National Archives and Records Administration (NARA) and DOE; and supporting ongoing Freedom of Information Act (FOIA), Privacy Act, Energy Employees Occupational Illness Compensation Program (EEOICPA), the former worker medical screening program, the Chronic Beryllium Disease Prevention Program, congressional inquiries, legal discoveries and other record requests.

The Contractor shall work with the PAD ISS Contractor and the PPPO Records Management Field Officer (RMFO) for records related questions or guidance (e.g., the handling of paper and/or electronic records, records turned over, etc.). The Contractor cannot perform disposition activities without working with the PAD ISS Contractor to ensure proper review and approvals; disposition activities under this Contract include the transfer of records to the PAD ISS Contractor.

The Contractor shall submit a **Records Management Program Plan** within 60 days after the NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**), to document the records lifecycle (creation/receipt, maintenance/use, quality checks and review to meet turnover requirements, and disposition), including but not limited to electronic records, digital signature process, email, classified, audiovisual, quality records, historical records, contaminated records (if applicable), essential records, inventory and file plans and disposition (turnover and acceptance of the electronic records to the PAD ISS Contractor). The Plan shall be submitted annually (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) thereafter if/when changes occur; the submittal shall clearly document the changes made (e.g., track changes).

C.3.9.1.1 Electronic Records

The Contractor shall develop and implement records management controls to ensure that the identification, maintenance, and disposition of all records, including email, are managed and transferred to the PAD ISS Contractor for management with the Paducah Electronic Records Management System (ERMS).

The Contractor shall manage records contained in Electronic Information Systems (EIS) by incorporating recordkeeping controls into the system(s) or exporting the records into the ERMS in accordance with **36 CFR Part 1236, *Electronic Records Management***. The Contractor shall provide a list of all EIS' to DOE annually utilizing the format provided by DOE (see **Section J, Attachment J-4, *Summary of Contract Deliverables, Table B***), including contractor-owned records.

C.3.9.1.2 Records Ownership

Except for those defined as Contractor-owned (in accordance with **I, DEAR 970.5204-3, *Access to and Ownership of Records***), all records (see **44 U.S.C. 3301** for the statutory definition of a record) acquired or generated by the Contractor (and subcontractors) in performance of this Contract including, but not limited to, records from a predecessor contractor (if applicable) and records described by the Contract as being maintained in Privacy Act systems of record (**H.24, *DOE-H-2018 Privacy Act System of Records (Oct 2014)(Revised)***) shall be the property of the Government.

C.3.9.1.3 Essential Records Program (formerly known as Vital Records Program)

The Contractor shall have and sustain an essential records program to ensure continuity of operations (COOP) during and after an emergency as prescribed by laws, regulations, and directives, that ensures DOE makes and preserves records of the Department's organizations, missions, functions, policies, decisions, procedures, and essential transactions. The program must be designed to identify records, regardless of format, that specify how DOE will operate in an emergency or disaster and identify and protect legal and financial rights records. Ensure essential records are accessible per the COOP guidance in the **Federal Continuity Directive 1 (FCD 1), *Federal Executive Branch National Continuity Program and Requirements*** (see **44 U.S.C. 3101, 36 CFR Part 1223, *Managing Vital Records***).

Ensure essential records inventories are added as attachments or appended to the COOP plan. Provide essential records information to appropriate emergency management officials and/or pre-position records where appropriate. A copy of the Essential Records Program and inventory shall be submitted within 60 days after the NTP (see **Section J, Attachment J-4, *Summary of Contract Deliverables***).

C.3.9.2 Creation/Receipt

The Contractor shall develop and implement recordkeeping requirements that reflect adequate and proper documentation of all Contractor (and subcontractor) records generated/received (regardless of media) in the performance of the contract in accordance with all prescribed laws, regulations, directives, NARA bulletins, and DOE requirements.

C.3.9.2.1 Inventory and File Plan

The Contractor shall conduct periodic records inventories in order to provide input to the PAD ISS Contractor for incorporation into the site-wide Inventory and File Plan with an agreed to format.

C.3.9.3 Maintenance/Use

The Contractor shall maintain and preserve all records, including the historical records collection (paper and electronic) stored on-site until turnover and acceptance by the TSS Contractor.

C.3.9.3.1 Quality Assurance Records

The Contractor shall ensure records identified as Quality Assurance records under the **American National Standards Institute (ANSI)/American Society of Mechanical Engineers (ASME), *Nuclear Quality Assurance (NQA)-1***, or a DOE approved industry standard as categorized (lifetime/non-permanent); managed in accordance with NQA-1 and **36 CFR Chapter XII, Subchapter B**; and maintained for traceability to the applicable item, activity or facility.

C.3.9.3.2 Privacy Act Records

The Contractor shall ensure records that contain personal information retrieved by name, or another personal identifier are maintained in Privacy Act Systems of Records, in accordance with **FAR 52.224-2, *Privacy Act***, and **DOE O 206.1, *DOE Privacy Program***.

C.3.9.3.3 Classified Records

The Contractor shall protect and handle classified information and critical information in accordance with applicable laws, regulations, policies, and directives. Classified documents may be processed electronically so long as the computer systems meet all classified security requirements. Until the required computer systems are available to copy, log, process, transmit, and/or store classified documents, they shall be processed as hard copy.

C.3.9.3.4 Contaminated Records

The Contractor shall ensure that hard copies removed from a controlled area are properly surveyed to ensure contaminated records do not leave the controlled area. In the event the records are contaminated, the Contractor shall submit a plan (see **Section J, Attachment J-4, *Summary of Contract Deliverables, Table B***) for how the Contractor proposes to ensure the records can be retained for the required retention period.

C.3.9.3.5 Records Requests

The Contractor shall respond to records management data calls by NARA and DOE as requested, and process record requests for the FOIA, the Privacy Act, the former worker medical screening program, the Chronic Beryllium Disease Prevention Program, congressional inquiries, legal discoveries and other record requests. Regardless of whether the Contractor processes the request directly to the requestor or submits to DOE for final response, the Contractor is responsible for maintaining a “copy” of what was provided. The copy must be scheduled appropriately.

The Contractor shall respond to EEOICPA requests in accordance with the clause at **H.54, *Energy Employees Occupational Illness Compensation Program Act of 2000 (EEOICPA)***.

C.3.9.4 Records Disposition

The Contractor shall develop and submit a Records Disposition Plan, which shall include how the Contractor will transfer paper records to ensure the PAD ISS Contractor can disposition to the Federal Records Center prior to 12/31/2022* and the transfer of all records to the PAD ISS Contractor. For any paper records discovered after 12/31/2022, the Contractor shall be responsible for digitizing to meet all NARA and DOE requirements.

*Note: In accordance with OMB/NARA memorandum **M-19-21, *Transitioning to Electronic Records***, all records must be created and maintained electronically to the fullest extent possible.

C.3.9.5 Document Control

The Contractor shall develop, implement and maintain sound document control systems for documents and processes ensuring efficient tracking, retrieval, revision control and distribution of documents, including drawings.

C.3.10 PUBLIC RELATIONS AND MEDIA SUPPORT

The Contractor shall provide public affairs support to the DOE cleanup mission in government relations, media communications, issue management, information dissemination and strategic communications advice. The desired outcome is a strong public relations and communications program that ensures proper verbal and written dissemination of relevant PPPO information. DOE and site contractors will work collaboratively to develop and support mission messaging.

The Contractor shall provide public affairs services to support DOE in communicating the PPPO mission using a variety of tools (e.g., photography, graphics, video production, press releases, articles, social media content, fact sheets, presentations).

The Contractor will be responsible for providing emergency management operations communications, working with DOE in leading the site in single point coordination to develop and disseminate appropriate public information.

Public affairs services include, but are not limited to, support to DOE in stakeholder relations, community outreach, media relations, tours, visits, public notices, access to documents, and preparation of supporting documents. Below are examples of, but do not represent an all-inclusive list, potential public affairs activities and support may include:

- (a) Responding to Congressional, regulatory and other requests for documents and information;
- (b) Internal communications support
 - 1. Support DOE in the development of internal presentations, budgets, staff development, and other related services;
 - 2. Provide and support development, integration, and distribution of synchronous communications
- (c) Site Tours
 - 1. Provide and support routine (monthly) general and public site tours of the sites facilities and projects, including busing U.S. citizens into the site/security areas, providing presentation/handout materials and communicating the status of the project.
 - 2. Provide and support site specific tours including transportation, providing presentation/handout materials and communicating the status of the project
- (d) Public meetings

Host public/stakeholder meetings and working sessions, as needed, to support high interest topics and to educate the community about the work at the site.
- (e) Conferences and Trade Shows

Support DOE development of presentations, graphics, talking points, and related material to communicate the desired message and topic

(f) Media

1. Facilitate drafting & distribution of all press releases, media announcements, etc.
2. Coordinate media attendance and management at events
3. Manage and act on all publicity opportunities such as community events, holidays, editorial calendars,
4. Monitor media coverage of PPPO sites and related topics
5. If desired, implement social media for specific campaigns or for specific event
6. Provide planned, scheduled newsletter stories for EM Newsletter and other internal publications.

The Contractor shall ensure all external briefing materials and public presentations are of the highest professional quality to present the current and planned project achievements. The Contractor shall work with DOE to ensure that sufficient time is allotted for DOE (including Headquarters) to review and comment on any external briefing materials and public presentations.

The Contractor shall obtain DOE review and approval of all communications or releases of information to the public, the media, or members of Congress. The Contractor shall coordinate with other site entities and contractors as necessary.

C.4 MISSION SUPPORT SERVICES

The Contractor shall provide services to other entities at PORTS and PAD that support varied missions and programs. In particular, the Contractor shall provide and receive services in accordance with the Contract requirements in **Section J, Attachment J-5, PPPO Site Services and Interface Requirements Matrix**.

The Contractor shall provide support documentation with its invoice that tracks and specifies the costs of service to the various recipients. This support documentation shall include detailed back up and summary information provided by the Contractor, and the work authorization and/or Contractor's invoice number to DOE. All services/work shall be performed in accordance with all applicable permits, laws, and regulations, DOE Directives, and all other codes, Standards, work authorizations, procedures and requirements as applicable.

C.4.1 PROTECTIVE FORCE SERVICES

C.4.1.1 General

The Contractor shall provide Security PF services at PORTS and PAD compliant with laws, regulations, DOE Directives, and a One PPPO approach to implementation.

The Contractor shall protect DOE's national security interests to include Special Nuclear Material (SNM), national security operations and vital equipment, classified and sensitive information, government property, facilities, chemicals and employees.

The Contractor shall implement and execute an Order Compliant Strategy consistent with the posture set by the respective site ODSA and supported by the results of the Site Security Risk Assessment (SRA) for facilities with Protection Level (PL)-5, PL-6, and specified PL-7 and PL-8 assets. The Contractor shall support all DOE site property and projects in accordance with the DOE approved Site Security Plan. The

Contractor shall include the following in the development and implementation of protection program strategies:

- (a) Full understanding of the potential threats contained in the current DOE DBT, or subsequent revisions, used in conjunction with local threat guidance and the ability to apply these principles when developing site-specific safeguards and security programs;
- (b) The vulnerability of vital equipment or facilities, or sensitive matter to malevolent acts, demonstration activities and other acts as defined by the SRA;
- (c) The importance of the facility to the overall DOE mission and costs of replacement due to acts of sabotage or other malevolent acts, the classification level of the matter, and the impact of its loss or compromise to national security;
- (d) The requirement for continuous protective services 24 hours per day, 365 days per year;
- (e) The potential effects of a malevolent act on the health and safety of employees, the environment, or the public;
- (f) The integration of multiple contractors' interests who perform other security functions under the purview of One PPPO into a single comprehensive protection posture. This includes the PORTS and PAD ISS, D&D/D&R, and all other contractors performing work at facilities under the purview of PPPO;
- (g) The integration of safeguards, security and safety interests;
- (h) Efficient and cost-effective methods for executing the PF program and protecting the safeguards and security interests taking into consideration applicable Codes of Federal Regulations, DOE Directives and other local directive requirements; and
- (i) Maintain the capability and implementing strategies for matters involving the loss of control or theft of SNM.
- (j) Maintain a preparedness to support, when requested by the ODSA, certain ISS Contractor Security functions (i.e. site access control functions, compensatory measures, badging etc.).
- (k) Develop and maintain Local Law Enforcement (LE) memorandum of understanding (**see Section J, Attachments J-4, Summary of Contract Deliverables, Table B; and J-13, Listing of Local Agreements**) with off-site law enforcement organizations. Any LE agreement must obtain ODFSA approval (**see Section J, Attachments J-4, Summary of Contract Deliverables, Table B; and J-13, Listing of Local Agreements**).

Mission requirements associated with national security activities, and the presence of SNM onsite require the Contractor to respond to workload adjustments quickly with minimum disruption to site operations.

The Contractor shall fully integrate the requirements contained in this Contract in a manner that ensures a seamless structure is maintained. This includes the full integration and authority of functions, roles, and responsibilities where more than one contractor is involved in fulfilling the requirements of the overall security program.

PPPO reserves the right to modify the level of effort and enhance the technical work requirements due to changing security requirements or methods of accomplishing security functions.

C.4.1.2 Requirements

The PF coverage is expected to vary during the performance period due to changing threats and the impact of the PORTS D&D and PAD D&R mission completion. The completion of work by other contractors and cadence of operations will dictate the variation of PF needs and actual PF strength. The Contractor shall evaluate and manage this risk throughout the period of performance.

The requirements include, but are not limited to, the listing below. The Contractor shall:

- (a) Develop, in consultation with the ODSA(s), the PF Section of the SSP and provide it to the ODFSA for approval within 45 days after the NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**) and annually thereafter;
- (b) Conduct self-assessments of the PF program and provide annual roll-up self-assessment reports and any resulting corrective action plans to the ODSA for inclusion in the Annual Comprehensive Site Assessment Report submitted to the DOE ODFSA (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**);
- (c) Ensure any mitigating actions deemed necessary by the ODSA or other approved security plans, are in place and properly executed, for existing non-conforming storage, or any newly discovered non-compliant storage, until compliant storage can be achieved;
- (d) Develop and execute annual force-on-force (FoF) exercises with FoF After Action Reports (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) submitted after completion of the FoF Action;
- (e) Appropriately staff to include the response for an active assailant scenario, for all facilities and areas on the DOE reservation consistent with (k) below;
- (f) Submit Workplace Violence and Active Shooter/Assailant Security Incident Response Plans (SIRP) (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**);
- (g) Provide staff for 24/7 site security alarm monitoring of DOE interests;
- (h) Provide access to federal and contractor personnel into the Limited Areas or other security areas of the GDPs in support of their operational needs;
- (i) Submit quarterly reports documenting overtime hours worked for each Security Police Officer (SPO) for that quarter and the projected overtime hours required for the subsequent quarter (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**); and
- (j) Provide staffing for an armed and fully DOE compliant PF and perform security services for all assets, facilities, etc. at the GDPs.
- (k) Develop and maintain mutual aid agreements (e.g., Letters of Agreement, memorandums of Understandings, etc.) (see **Section J, Attachments J-4, Summary of Contract Deliverables, Table B**; and **J-13, Listing of Local Agreements**).

C.4.1.3 Management Requirements

The Contractor shall provide DOE experienced management, supervision, and staffing to execute the PF requirements efficiently and effectively. The Contractor shall designate the PF Manager as a direct report to the Program Manager. The staffing plan shall ensure all mission requirements (e.g., active assailant, posts, security alarm monitoring, patrols) can be met along with all DOE program requirements. These numbers may be a combination of fixed post readiness SPO or SPO I personnel as defined in **10 CFR 1046 Medical, Physical Readiness, Training, And Access Authorization Standards For Protective Force Personnel**. The staffing plan shall detail staffing levels by post and position for the current year and through any remaining years of the Contract performance period. The staffing plan shall be supported

through a baseline risk assessment identifying minimal staffing levels in accordance with the site's protection strategy and assets remaining. The Contractor shall submit the PF Staffing Plan for ODFSA approval (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**).

The Contractor shall maintain high standards of competency, conduct, and integrity of all assigned personnel.

The Contractor shall ensure PF programs:

- (a) Incorporate basic planning principles to ensure that S&S Protection Program requirements accomplish their intended purpose in accordance with DOE requirements.
- (b) Document the resource requirements necessary to accomplish PF mission objectives successfully in accordance with applicable Federal laws and regulations; applicable DOE requirements; site security plans; protection strategies; and operational needs;
- (c) Manage the scheduling of the PF in support of base mission in accordance with DOE requirements;
- (d) Implement Response Force requirements as required by DOE;
- (e) Provide supervision of PF personnel to the extent required to ensure optimal performance of duties;
- (f) Ensure PF missions/functions are accomplished as intended, sufficient operational guidance provided through the establishment and maintenance of a formalized written directives system, i.e., station orders, post orders, general orders, deployment and Security Incident Response Plans, etc.; and
- (g) Ensure that PF personnel are only assigned Protective Force duties commensurate with S&S DOE requirements and local site-specific security procedures/plans.
- (h) Ensure all Corrective Actions resulting from DOE issued security findings are submitted to DOE for approval and Corrective Action Plans are submitted to DOE for entry into the Safeguards and Security Information Management System (SSIMS). The Contractor shall report quarterly on the progress of each finding until closed in SSIMS.

C.4.1.4 Protective Force Equipment:

The Contractor shall provide all necessary equipment for use by the PF workforce (e.g., weapons, body armor, belts, holsters, and uniforms, etc.). The Contractor shall obtain DOE ODFSA concurrence prior to purchase of all PF duty equipment and ensure the alignment with both sites. The Contractor shall align equipment (including type, insignia, vehicle outfitting & marking, brand, color, and material type at PAD and PORTS) for all PF equipment within 24 months of notice to proceed. The Contractor shall ensure that all PF equipment remains in satisfactory and serviceable condition.

C.4.1.5 Personnel

The Contractor shall maintain a PF to provide required security services at the PORTS and PAD sites for operations, facilities, property, materials, information and occupants in accordance with applicable DOE requirements, under both routine and emergency conditions with personnel that:

- (a) Have the ability to acquire DOE Q access authorizations (security clearances),
- (b) Meet medical, physical fitness, and firearms qualifications and training requirements, and
- (c) Special skills as appropriate and as outlined in **10 CFR 1046**.

The Contractor shall provide trained and qualified fixed post readiness SPO or SPO I and medical personnel as defined in **10 CFR 1046**.

C.4.1.6 Security Facilities/Posts

The Contractor shall:

- (a) Establish schedule and operating procedures, including but not limited to:
 - (1) The number and composition of PF personnel for each shift;
 - (2) Area of each security patrol;
 - (3) Instructions and orders for each post and each patrol area ;
 - (4) The number and assignment of personnel to administrative and PF service positions;
- (b) Staff fixed security stations and roving patrols;
- (c) Provide mission support for Security activities; including sweeps, and staffing temporary security stations;
- (d) Provide qualified staff for monitoring of security alarm systems;
- (e) Provide qualified staff for responding to demonstration activities;
- (f) Provide staff and support for the Emergency Operations Center when needed for a security incident;
- (g) Utilize and maintain site facilities/posts assigned by DOE, including training facilities, portals, etc. to implement and maintain compliance with the Site Security Plan; and
- (h) Provide appropriate and qualified staff during emergency security response activities and emergency management training drills and exercises.

C.4.1.7 Planning:

The Contractor shall:

- (a) Provide operational and security analysis and planning. Develop and implement security procedures, plans, and directives in support of specific mission;
- (b) Prepare contingency plans for protests and demonstrations, adversary threats, emergency response, and emergency evacuation;
- (c) Prepare, with input and concurrence from the respective site ODSA, and execute on an annual basis, with scenario and threat input based on a Site SRA and/or Risk Assessments (RA), the annual FoF exercise scenarios and plans. This includes the development and maintenance of force-on-force scenarios (ODSA may be used for scenario development), response plans and applicable after-action reports;
- (d) Develop and maintain plans for emergency response and emergency management training exercises to ensure protection of PPPO facilities, property, material and occupants under emergency conditions. Plans shall incorporate approved protection strategies; response options, actions and times; and other applicable response requirements;
- (e) Perform analyses and tasks needed to identify risks and counter specific hazards including safety concerns in support of site-specific activities to include force on force exercises and live fire range activities, providing assurance to PPPO that activities which may pose risks to health and safety have been reviewed and appropriate controls have been established to mitigate safety concerns;
- (f) Provide subject matter expertise to the ODSA for the conduct of site and/or individual SRA's/RA's and the preparation of required DOE safeguards and security plans including, but not limited to the Site Security Plan (SSP) and Facility Security Plans when applicable. Ensure appropriate personnel

participate fully in the development, conduct and review of SRA's/RA's sufficient to meet applicable DOE requirements;

- (g) Submit necessary, accurate and complete protective force and security systems performance test data (see **Attachment J-4, Summary of Contract Deliverables, Table B**) that supports SRA's/RA's and safeguards and security planning activities. This includes PF performance tests (Alarm Response Assessment and Performance Test (ARAPTs), Limited Scope Performance Tests (LSPTs), Response Force Time (RFTs), etc. This includes providing subject matter expertise to the ODSA supporting the Site's Performance Assurance Program; and
- (h) Prepare and execute FoF exercise scenarios, plans and limited scope performance tests as necessary to meet applicable DOE requirements and in support of SRA's/RA's and the SSP.

C.4.1.8 Training:

The Contractor shall:

- (a) Train all armed PF personnel to the appropriate level prior to being assigned to duty per applicable DOE requirements;
- (b) DOE National Training Center Basic Security Police Officer Training, or equivalent, must be completed by new hires within two months of employee start date or as approved by the ODFSA;
- (c) Provide continued training and professional development of all PF personnel;
- (d) Implement a physical fitness program for PF personnel;
- (e) Submit annual PF Training plans for uniformed and for non-uniformed personnel within 45 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**, and **Attachment J-4, Summary of Contract Deliverables, Table B**) that ensures regulatory PF standards are met. The training plans must contain JAs for each position that are approved by the ODFSA in the staffing plan. Each JA must have ODFSA approval;
- (f) Submit the **Physical Fitness Program plan** within 45 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**, and **Attachment J-4, Summary of Contract Deliverables, Table B**) that ensures regulatory PF standards are met;
- (g) Maintain training records for PF personnel, including but not limited to weapon and physical fitness qualification records; and
- (h) Provide continued training and professional development of all PF personnel. Any non-DOE/NTC sponsored PF training must be approved by the ODFSA.

C.4.1.9 Personnel Qualifications:

The Contractor shall:

- (a) Require PF personnel shall meet the physical fitness and medical qualifications set forth in **10 CFR 1046, Medical, Physical Readiness, Training, and Access Authorization Standards for Protective Force Personnel**;
- (b) Require each armed PF member to qualify by attaining a minimum qualifying score on the courses of fire prior to being armed or performing armed SPO duties and at least semi-annually thereafter;
- (c) Submit Pro Force Qualifications Data (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**):

- (d) All PF armed personnel shall be in a distinctive PF uniform while on duty, in accordance with the Contractor's established dress code as concurred upon by the DOE ODFSA;
- (e) Require each PF member to have the appropriate access level authorization (security clearance) prior to performing PF duties requiring the use of a weapon or being assigned duties in security areas that require unescorted access;
- (f) Maintain an arsenal in clean and safe operating condition at the PPPO Site. The arsenal and emergency equipment shall be properly stored, protected, accounted for, and secured at all times. Provide certified armorers to perform maintenance and repairs on all weapons used by PF personnel; and
- (g) Require all PF personnel assigned to duty to have a valid Real ID compliant motor vehicle driver's license issued in the United States.

C.4.1.10 Physical Fitness Training:

The Contractor shall:

- (a) Provide qualified fitness specialists to conduct physical fitness testing of the armed PF personnel; and
- (b) Ensure physical fitness specialists supervise testing; record training data; maintain training records; conduct fitness assessments; provide fitness counseling/instruction; and conduct safety inspections of physical fitness testing facilities and/or locations.

C.4.1.11 SRA/RA and Performance Testing:

The Contractor shall:

- (a) Provide subject matter expertise to the ODSA as necessary for the conduct of SRA/RA and the preparation of required DOE safeguards and security plans. Ensure appropriate personnel participate fully in the development, conduct and review of SRA/RA sufficient to meet applicable DOE requirements;
- (b) Provide necessary, accurate and complete PF and security systems performance test data that supports the SRA/RA and safeguards and security planning activities to the cognizant contractor (ISS) as necessary;
- (c) Provide a comprehensive performance testing and analysis capability that supports ongoing protective force training that includes full participation in the conduct of SRA/RA, effectiveness testing of security systems, force-on-force plans and scenario development for periodic exercises, and prepares and submits comprehensive reports of results. This includes developing and maintaining an annual exercise and performance test schedule; and
- (d) Maintain the ability to and perform alarm response tests and limited scope performance tests as necessary to meet applicable DOE requirements.

C.4.2 MATERIAL CONTROL AND ACCOUNTABILITY

The Contractor shall develop, implement, manage and conduct a single, centralized material control and accountability (MC&A) program for nuclear materials (NM) located at the Paducah and Portsmouth sites (One PPPO). The Contractor shall provide support to DOE and other site contractors operating under the MC&A Program. The MC&A Program shall contain provisions for control and accounting to safeguard against the loss, theft, diversion, unauthorized access, misuse, or sabotage of all reportable quantities of accountable nuclear material and radioactive sealed sources.

C.4.2.1 MC&A Program

The Contractor shall develop, document, and maintain a single MC&A Plan and dual site single implementing procedures for both PPPO sites in accordance with **DOE O 474.2, Nuclear Material Control and Accountability**, and specific directions of the PPPO ODFSA for its nuclear material operations.

The Contractor shall address topical elements of **DOE O 474.2** and ensure through both control and timely accountability and localized detection of loss or unauthorized removal of nuclear materials on a graded safeguards basis in the MC&A Program.

The Contractor shall prepare the MC&A plan and implementing procedures to include, but not be limited to:

- (a) Be comprehensive in demonstrating that the MC&A meets the objectives and metrics of the primary MC&A topical elements of **DOE O 474.2** in addressing Contractor's management of NM;
- (b) Develop the MC&A Plan to address **DOE O 474.2** requirements of all PPPO contractors with NM operations including the DUF6 Conversion Project, the Paducah D&R Contractor, and Portsmouth D&D Contractor;
- (c) Consider use of the appendices or addenda to document individual contractor specifics such as material balance areas (MBA) descriptions and Reporting Identification Symbol codes;
- (d) Include a comprehensive physical description and accounting description of Contractor MBAs;
- (e) Include the processes for conducting physical inventory including the annual inventory that will be conducted each year;
- (f) Addresses the processes for Termination of Safeguards for facilities including MBAs and structures. Assure the secure and compliant management, storage, and ultimate disposition of these materials.
- (g) Addresses the processes for timely Loss Detection and timely response to loss of an item including, but not limited to NM Accounting, MBA conduct of operations, Item Monitoring, and Physical Inventory;
- (h) Ensure measurements for characterization of items to be entered into Accounting shall be based on MC&A requirements to assure detection of loss or diversion of accountable NM; and
- (i) After obtaining concurrence from other PPPO prime contractors, the Contractor shall submit the MC&A Plan within 60 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**). The Contractor shall update the Plan (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) annually or when substantive program changes occur that require immediate revision of the Plan. If the annual review of the plan indicates that an update is not required, the Contractor shall notify DOE for concurrence. Each update to the MC&A Plan shall be approved prior to implementation.
- (j) Ensure all Corrective Actions resulting from DOE issued security findings are addressed with a Corrective Action Plan (CAP) to mitigate or preclude the recurrence of the noncompliance. Correspondence with DOE related to CAP documentation (e.g., SSIMS entries, status updates, validation) shall be managed in accordance with DOE guidance.

The Contractor shall ensure that the requirements of the approved MC&A directives, plans and procedures flow down to the subcontractors, at any tier, to the extent necessary to ensure subcontractor compliance with the requirements of the Contract.

The Contractor shall support all contractors requiring assistance in nuclear material management that operate in accordance with the appendices/addenda for the individual contractor specifics in its portion of the Approved MC&A Plan and in accordance with **Section J, Attachment J-5, *PPPO Site Services and Interface Matrix***. Individual contractor changes to the appendices/addenda to reflect operations changes will be approved by ODFSA separately from the main body of the MC&A Plan. The Contractor MC&A Program shall:

- (a) Provide a NM Local Area Nuclear Material Accountability Software (LANMAS)-based accounting program for all PPPO-contractor nuclear operations;
- (b) Conduct MC&A verifications of all PPPO-contractor nuclear material operations;
- (c) Plan for frequent interface with Contractor operations divisions to be alert to operations program changes and advise of DOE MC&A requirements;
- (d) Provide an annual MC&A Staffing Plan for ODFSA approval (**see Section J, Attachment J-4, *Summary of Contract Deliverables, Table B***). The staffing plan shall detail staffing levels by project and position for the current year and through any remaining years of the Contract performance period
- (e) Provide an annual MC&A Training Plan for ODFSA approval. The training plan shall detail DOE National Training Center MC&A classes to MC&A Staff and identify local MC&A training for all PPPO-contractor NM Custodians, Nuclear Material Handlers, and managers responsible for NM operations;
- (f) Provide technical oversight of accountability measurements;
- (g) Fully integrate and coordinate activities with S&S Physical Security and Emergency Management regarding access control and physical protection of SNM; and
- (h) Provide the annual writeup for the MC&A section of the respective Site Security Plan and provide to the ODSA in a mutually agreed upon time to align with the ODSA SSP deliverable.

C.4.2.2 Organization

The Contractor shall ensure that the centralized MC&A Program organization for the Portsmouth and Paducah sites is led by a single manager with responsibility for the single accounting system, and a single, two-site MC&A Plan and implementing procedures. The Contractor shall maintain the independence of the MC&A Program by ensuring that the management chain is not within any of the Contractor's NM operations divisions. Furthermore, the MC&A Manager shall have unfettered access to the Program Manager.

The Contractor will organize, staff, and manage the MC&A Program to fully meet the requirements of **DOE O 474.2**, applicable International Atomic Energy Agency (IAEA) requirements, obligations of international treaties, and the Nuclear Materials Management and Safeguards System (NMMSS) Users Guide in support of all PPPO contractors' nuclear material operations.

C.4.2.3 Support Activities

The Contractor MC&A Program shall respond/advise/support to the service requests from PPPO contractors charged with NM management regarding operational MC&A requirements including, but not limited to, the following:

- (a) Development and review of MC&A Plans and Procedures;
- (b) NM Transactions Reports (DOE/NRC Form 741);

- (c) Communications with and reports to NMMSS;
- (d) Conduct and reconciliation of physical inventories;
- (e) Creation or change in MBAs;
- (f) Requests for Termination of Safeguards on facilities;
- (g) Support in closure of corrective action plans;
- (h) Compliant management of nuclear material for which safeguards have been terminated;
- (i) Nuclear material warehousing, surveillance, transfer, characterization, planning, brokering, packaging, consolidation, preparation, and shipping or receiving of the inventories of depleted, normal and enriched NM;
- (j) The final disposition, as directed by DOE, of all remaining NM inventory including product and waste. The dispositioning of the NM Product includes, but is not limited to, relocation to other DOE sites or DOE contractors for storage/programmatic use and/or sale to the private sector and/or disposal; and
- (k) Providing necessary reports and information to and coordination with the DOE-HQ NMMSS in accordance with the requirements of the *NMMSS Users Guide*.

C.4.3 EMERGENCY MANAGEMENT/RESPONSE SERVICES

The Contractor shall establish and maintain a documented emergency management program that implements the requirements of applicable Federal, State, and local laws, regulations, and ordinances for fundamental worker safety programs (e.g., fire, safety, and some security activities). The requirements for establishing and maintaining a compliant program is provided in **DOE O 151.1, *Comprehensive Emergency Management System***.

C.4.3.1 Emergency Management

The Contractor shall serve as the lead at each site for a Comprehensive Emergency Management/Response Program. The Emergency Management Program includes planning, preparedness, response, recovery, and readiness assurance per **DOE O 151.1, *Comprehensive Emergency Management System***, and the labor, equipment, and supplies to implement the program. The Contractor shall coordinate with site contractors that support implementation of the Contractor's Emergency Management Program. Recovery activities are performed by the contractor who has responsibility for the facility, area, project or program associated with the event.

The Contractor shall submit a consolidated PPPO Site-wide Emergency Plan for both sites within 60 days after NTP (**see Section J, Attachment J-4, *Summary of Contract Deliverables, Table A***). The Contractor shall review the Dual Site Emergency Plan annually, and submit any revisions (**see Section J, Attachment J-4, *Summary of Contract Deliverables, Table B***).

The Contractor shall provide the Emergency Management Lead (i.e., Incident Commander, Crisis Manager, etc.) for the EOC and Joint Information Center for each site with specific support from other DOE contractors. The Contractor shall provide adequate and knowledgeable staff related to site operations to participate on the EOC and the Joint Information Center and ensure adequate resources are available to respond to an emergency. The Contractor shall utilize existing WebEOC™ application or an approved equivalent computerized information management system. The Contractor shall provide and maintain the existing satellite phone management services. The Contractor shall develop, maintain, and train personnel to facility specific emergency action plans, in coordination with the overall Emergency Program, as examples.

The Contractor shall provide and maintain an adequate Emergency Response Organization(s) staffed, trained, and equipped to respond to emergencies and/or abnormal events. Develop and maintain mutual aid agreements [e.g., Letters of Agreement, offsite response agreements (but not off-site Local Law Enforcement), memorandums of Understandings, etc.] (see **Section J, Attachments J-4, Summary of Contract Deliverables, Table B**; and **J-13, Listing of Local Agreements**) with off-site emergency response organizations, which support the emergency response requirements of the Site Emergency Plan(s).

The Contractor is the POC for offsite response organizations (i.e., local fire, ambulance, and hospital services). Additionally, the Contractor will perform off-site response organizations briefings and onsite training. The briefings shall cover topics such as review of emergency plans and procedures, information on hazards, on-site and off-site protective actions; Emergency Action Levels; notifications; and response coordination.

The Contractor shall develop and conduct a drill and exercise program that is compliant with **DOE O 151.1, Comprehensive Emergency Management System**. The Contractor shall maintain the training and drill/exercise programs for PORTS and PAD. The Emergency Management program shall support DOE approved Design Basis Threat assumptions and approvals. Protective Force drill/exercise participation and scenario development shall be approved by the ODFSA.

The Contractor shall maintain and perform updates of a site-wide All-Hazards Surveys and Emergency Planning Hazard Assessments (EPHA) at least every three years or whenever a major change affecting the hazards occurs (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). All EM documents, surveys and action levels shall align and support all DBT PLs, with the respective sites DBT documents and assumptions, to include the scenario development process. The Contractor shall develop a consistent EPHA between PORTS and PAD utilizing the same method for developing the EPHA and EAL. The Contractor shall, in coordination with other site contractors, develop and update (as needed) facility-specific Emergency Action Levels (EALs) for the spectrum of potential Operational Emergencies identified by the EPHA to include protective actions for implementation in the Site Emergency Program (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). The Contractor, in coordination with other site contractors, shall maintain updates of all material inventory changes (i.e., nuclear, chemical, etc.). Chemicals and their quantities meeting the respective sites DBT PLs of interests must be provided to the ODSA annually (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). Existing chemical inventory systems should be utilized for material inventories.

The Contractor shall submit a **Site Integrated Emergency Readiness Assurance Plan** within 60 days after NTP (ERAP) (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**) per **DOE O 151.1, Comprehensive Emergency Management System**.

The Contractor shall be the Lead in maintaining and updating consolidated Site COOP Plans for PORTS and PAD. The Contractor shall submit any revisions to the **Site Integrated Continuity of Operations Plan (COOP)** within 60 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) in coordination with the site's COOP program per **DOE O 151.1, Comprehensive Emergency Management System**. The Contractor shall review the Plan on an annual basis and submit any revisions to the DOE (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). The Contractor shall implement the overall site Continuity of Operations Program in coordination with other site contractors and maintain necessary implementing procedures.

The Contractor shall submit the **Site Integrated Continuity Readiness Assurance Report (CRAR)** within 30 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**) per **DOE O 151.1, Comprehensive Emergency Management System**.

Additionally, as the Operating Contractor for a number of site facilities at PORTS and PAD, the Contractor shall provide facility specific updates to the EAPs, Site Emergency Plans, HS, and EPHA (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**).

The Contractor shall conduct facility specific drills and exercises, and maintain and train Local Emergency Directors/Wardens to coordinate with the Site-wide Emergency Management Program.

C.4.3.2 Plant Shift Superintendent Services

The overall monitoring of the fire alarm, consoles, emergency network, emergency announcements, mutual aid requests (excluding LE Memorandum of Understandings (MOUs)) and other operational activities for PORTS and PAD shall be performed by the on-duty Plant Shift Superintendent (PSS), detailed in **Section J, Attachment J-5, PPPO Site Services and Interface Matrix**. The PSS, or designee, shall function as the Crisis Manager/Incident Commander for emergencies, until relieved.

Site Shift Operations services shall include the following activities:

- (a) Act as point of contact 24 hours/day, 7 days/week for emergent situations;
- (b) Serve as the central point of contact for incident/event notification for all activities, except security events and making notifications to designated DOE Site Management personnel;
- (c) Notification to the DOE Facility Representative (FR) and/or ODFSA for events such that real time notification for incidents (i.e., personnel injuries, security incidents, personnel radioactive contamination or internal deposition, chemical exposures, work stoppages, and other situations that might receive public, regulatory, or DOE-HQ attention). In addition, the DOE FR shall be notified on a 24/7 basis of events including non-reportable and adverse conditions. Specific criteria for FR notification shall include, but are not limited to, the following:
 - (1) Employees receive occupational injuries or are exposed to hazards that result in transport to an onsite or offsite facility or cause the individual to be entered into a medical monitoring program;
 - (2) Employees are exposed to hazardous substances (e.g., beryllium, asbestos, mercury, lead, chemicals, radiological) in excess of regulated limits, or immediately dangerous to life and health conditions;
 - (3) Employees receive skin or clothing contamination where decontamination must be performed. The Contractor shall distinguish between clothing contamination and skin contamination;
 - (4) Employees have indications of radioactive internal deposition, positive workplace monitoring results requiring follow-up (i.e., whole body count, bioassay), or other measured indications of a potential internal deposition;
 - (5) When a stop-work or formal work pause is invoked for a safety-related reason, by either workers or Contractor management;
 - (6) Whenever a situation is discovered that presents an immediate danger to workers, the environment, or the public, or when it is determined such a condition was known to exist and was not mitigated;
 - (7) Whenever isolation conditions for hazardous energy fails;
 - (8) Transportation incident/accident onsite or offsite;

- (9) Whenever an incident occurs that involves the potential loss of control or compromise of classified or nuclear materials;
- (10) Whenever non-compliance with an environmental permit or requirement is identified and self-notification to a regulatory authority is planned; and
- (11) Notify the FR prior to conducting event investigations (e.g., critique, fact-finding, post-job). Notification will be made, allowing sufficient time for the FR to attend.

The PSS shall serve as Incident Commander for all emergencies, as required in **DOE O 151.1, Comprehensive Emergency Management System** to include as a minimum;

- (a) Classification of all emergencies in accordance with DOE O 151.1.
- (b) Categorize Occurrence Reports using the criteria in **DOE O 232.2 Occurrence Reporting and Processing of Operations Information** for all incidents related to the Contractor's work scope; ensure information transmitted off-site goes through proper derivative classification; and ensure processing occurrences on the occurrence reporting and processing system for the Contractor's work scope;
- (c) Ensure emergency notifications for occurrences and emergencies are made, in accordance with the Site Emergency Plan;
- (d) Act as the emergency coordinator during RCRA emergencies, in accordance with the RCRA Contingency Plan;
- (e) Serve as the central point of contact for incidents concerning safeguards and security, making notification to designated security personnel;
- (f) Notification to the ODSA for IOSC evaluation prior to making site wide notifications or performing investigations or corrective actions;
- (g) Act as the emergency point of contact for off-site waste and material shipments, and activate the Off-Site Transportation Assistance Team, as required;
- (h) Ensures monitor of the utility system alarms, criticality accident alarm system, and site severe weather, including necessary notifications; and
- (i) Ensures monitoring of weather conditions and make notifications to site entities.

C.4.3.3 Fire Protection Services

The Contractor shall provide and manage Fire Protection Programs for the PORTS and PAD, detailed in **Section J, Attachment J-5, PPPO Site Services and Interface Matrix**, to include all site contractors and the DOE site tenants that complies with **DOE O 420.1, Facility Safety, National Fire Protection Association (NFPA, site consolidated Baseline Needs Assessment and OSHA 1910.146**. Fire Protection Program shall be provided to all site entities including but not limited to DOE, DUF6 conversion and uranium transfer operations, D&D/D&R activities, the ISS and TSS contractors and include fire protection system inspections for all systems, testing of all systems, maintain pressure differential for dry systems, maintenance on wet fire suppression systems, all fire investigations, and fire department and comprehensive emergency response. Perform inspections, maintenance and repair of fire equipment, such as pumpers, ambulances, rescue trucks, and HazMat vehicles, as part of the site emergency response capability. Perform inspection, testing, maintenance and repair of facility fire protection equipment, including hose reels, blankets, etc. Perform inspection, recharging, testing, and replacement of fire extinguishers, as required.

Provide Site Shift Operations services/support for PORTS and PAD for Fire Services to PORTS and PAD. The Contractor must submit a fire protection system impairment strategy and formally report any fire impairments that exceed 90 days from discovery and any that exceed 180 days must include compensatory measures and corrective actions with a completion schedule (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table B**).

The Contractor shall be responsible for Fire Hazard Analyses (FHA) and provide a Fire Protection Plan within 30 days after NTP (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table A**). The Contractor shall submit the consolidated Baseline Needs Assessment(s) (BNA) within 60 days after NTP (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table A**) at the Advanced Life Support (ALS) level and includes details regarding Contractor emergency response capabilities including mission responsibilities, personnel, apparatus, equipment, facilities, programs, incident reporting, etc. The Contractor shall review the BNA every three years and submit when changed (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table B**).

The Contractor shall perform the Fire Protection Engineering and Contractor Authority Having Jurisdiction (AHJ) functions at PORTS and PAD. The Contractor AHJ may provide interpretations and make recommendations, however, the contractor AHJ does not have decision-making authority for DOE facilities and operations.

The Contractor shall maintain trained and qualified personnel and equipment to provide capabilities for fire, rescue, technical rescue, hazardous material release, and medical response at the Advanced Life Support (ALS) level. Staffing level is determined by the BNA. The Contractor shall maintain a Fire Protection Services Fitness Qualification Program to ensure that DOE medical standards and fitness for duty requirements are met by fire fighters. The Contractor shall conduct drills and exercises to test proficiency in technical areas such as firefighting, Emergency Medical Technician skills, Search and Rescue, confined space entry, HazMat response, etc.

The Contractor shall conduct fire protection system inspection, testing and preventative maintenance along with a fire protection system impairment strategy for all fire systems on site. The Contractor shall provide corrective maintenance to all wet suppression systems at PAD. The above requirement is valid regardless of which contractor is assigned operational responsibility. Fire protection systems in facilities shall be inspected, tested and maintained in accordance with National Fire Protection Standards.

C.4.3.4 Emergency Notification Service

The Contractor shall provide reliable electronic notification service to individual personnel associated with the Paducah and Portsmouth site emergency response organizations through the existing system.

C.4.4 SURVEILLANCE AND MAINTENANCE

The Contractor shall perform surveillance and maintenance of its assigned facilities (**see Section J, Attachment 7, Facilities/Areas Responsibility Matrix and Site Services**). S&M requirements for the DUF6 conversion and uranium transfer facilities are provided in **C.5.1**. S&M shall be performed in accordance with **H.65, Real Property Asset Management**, using a graded approach to ensure a safe and stable condition is maintained pending facility demolition and/or site remediation, in accordance with applicable safety, regulatory (i.e., site studies and/or characterization), and security requirements through the Contract period, or until the facilities or sites are dispositioned. The Contractor shall plan, manage, and execute S&M activities in a proactive and strategic manner that minimizes long-term risks and ensures reliable operation of essential systems and facilities.

As-built drawings of all assigned project facilities shall be maintained current throughout the term of this Contract. The Contractor shall update record drawings continuously and eliminate redlined drawings. The Contractor shall submit the status of the as-built drawings (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). A justification shall be provided to DOE for any drawings that are still redlined at the time of the submittal. The Contractor shall accept final drawings from the PORTS ISS contractor and maintain configuration management of the provided site drawings.

The Contractor shall be responsible for assigned facilities/systems as designated in **Section J, Attachment J-7, PPPO Facilities Responsibility Matrixes (for Landlord and Selected Services)**. The Contractor shall permanently repair roof leaks within 90 days of identification. Permanent repairs are defined as returning the roof to its original pre-leak configuration or equivalent. The Contractor shall submit a facility roof list to DOE 45 days after Transition is complete (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). This list will form the basis for the facilities upon which the Contractor will perform repairs within 90 days and that will be part of the annual facilities assessment. Further, the Contractor shall ensure that roof leaks do no impact operational activities (defined as taking any type of action that adjusts the operation from pre-leak condition/configuration, including modifying operator PPE). The Contractor shall assess the roof integrity within 30 days after DOE approval of the list and annually thereafter (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). The Contractor shall provide DOE a report of the integrity of facility roofs within 30 days of completing its assessment, including the costs and schedule for repair of the roofs by facility. (Note: The cost for roof repair is informational; the Contractor is responsible for funding those repairs.) All repairs shall be completed in a compliant manner and shall prevent water leakage. Facilities which have roof warranty shall be maintained in a sound condition that does not invalidate the warranty of the roofs. In the event leaks are identified, the Contractor shall work with the installer to provide notification and resolve warranted deficiencies within the required warranty time frame.

In addition, the Contractor shall:

- (a) Conduct controlled burns of the X-611A Prairie no longer than every five years to prevent overgrowth of woody vegetation at PORTS. Mowing may be performed if a controlled burn cannot be performed, and
- (b) Provide for pest and wildlife control services for the interior of assigned facilities.

C.4.5 PORTS CRITICALITY ACCIDENT ALARM SYSTEM (CAAS)

The OSMS Contractor shall coordinate with the D&D Contractor when working under bCAAS coverage for facilities assigned to the OSMS Contractor at PORTS that require CAAS coverage.

The D&D Contractor will operate, maintain, repair and ensure operational capability for the CAAS in accordance with the provisions of this contract (detailed in **Section J, Attachment J-5, PPPO Site Services and Interface Matrix**) and facility specific **Technical Safety Requirements (TSR)** and **ANSI/ANS 8.3, CAAS**.

C.4.6 Reserved

C.4.7 PORTS (ONLY) LAUNDRY

The Contractor shall provide laundry services as detailed in **Section J, Attachment J-5, PPPO Site Services and Interface Matrix**, and to DOE. The Contractor shall provide materials, services, testing devices, and all items necessary for the disinfecting, sanitizing, transporting, testing, and evaluation to ensure quality of the services.

C.4.8 Reserved

C.4.9 DOSIMETRY SERVICES

The Contractor shall provide an internal and external dosimetry service that meets the requirements of the National Voluntary Laboratory Accreditation Program and DOE Laboratory Accreditation Program.

Additionally, the program shall be compliant with **10 CFR § 835, Subpart E**. This program shall apply to all work areas that require dosimetry regardless of which contractor(s) have been assigned operational responsibility for the area(s).

The Contractor shall provide bioassays and baseline bioassays as described in Section J, Attachment J-5, *PPPO Site Services and Interface Matrix*. The Contractor also shall maintain a contract with a DOE approved laboratory for performance of analysis of biological materials in the event of a criticality incident that requires additional personnel monitoring such as activity in blood or hair in accordance 10 CFR §835.1304.

C.4.10 PORTS UTILITY SERVICES

The Contractor shall perform administration of all utilities, to include providing all utilities and utility-services to site tenants as indicated in **Section J, Attachment J-5, PPPO Site Services and Interface Matrix**. The administration of all utilities includes operating, treating, distributing, and conducting systems and equipment maintenance and repair of the PORTS utility services. Utility services shall be consistent with the Shared Site Services Agreement for DOE Contractors, but not contradict this Contract, as well as DOE-approved agreements to provide utility services to other onsite and offsite entities. Maintenance of the utility systems includes preventive and corrective maintenance along with repair(s) and improvement(s) required to provide a reliable supply of the service and will be conducted in accordance with **C.4.4**.

The Contractor shall be responsible for the isolation of the utilities as specified in the demarcation documents and supporting the other DOE contractors, as required. Support shall include, but not be limited to: assistance in determination of isolation point; termination of service at a readily available/accessible service disconnection; ensuring utilities systems are not impacted by others action; ensuring line/service is deenergized; location services; and excavation/penetration permitting, etc.

The Contractor shall maintain, manage, and execute a ground excavation and penetration permitting process for all activities by site entities to ensure necessary measures are taken prior to performing ground excavation or penetration to avoid impacts to or from active underground utilities and underground inactive structures. The Contractor shall perform the in-field location and marking activities associated with this service.

The Contractor shall provide technical and administrative support to DOE for the PORTS suppliers (electrical, easements/licenses, natural gas, etc.) and easement holders, as required.

The Contractor shall track supplier (e.g., electrical power, natural gas,), distribution and services costs by site entities to support the Contractor invoice to DOE.

The installation/construction of new facilities and/or installation of utilities can typically be completed under existing documents without Permits to Install but a Permits Otherwise Required document shall be submitted to Ohio EPA to address new sources (Air); (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**).

As-built drawings of all assigned project facilities and utilities shall be maintained current throughout the term of this Contract. The Contractor shall update record drawings continuously and eliminate redlined drawings. The Contractor shall annually submit the status of the As-built Drawing Status (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) for review. A justification shall be provided to DOE for any drawings that are still redlined at the time of the submittal. The Contractor shall designate an Operator of Record in accordance with the requirements of the State of Ohio. Services are further delineated below.

C.4.10.1 Water System and Services

The water supply system consists of three well fields, with the X-611 Water Treatment Facility. One of the two underground water lines to the X-611 is the original 48-in. concrete line from 1948. The second water line to the X-611 is a 30-in. ductile iron line from the X-6609 Raw Water Well Field that was installed in the mid-1980s.

Groundwater wells are approximately 70 to 75 ft. deep and consist of a vertical steel casing with a wire screen of various diameters below the casing for filtering sand and silt. The wells each have a steel casing that houses the discharge pipe, pump, and submersible electric. Wells need to be cleaned or "redeveloped" by a complex process approximately every five years to restore efficiency.

Current flow rates are approximately 3 million gallons per day (MGPD). Water treatment consists of cold lime softening for potable and make-up water and disinfectant treatment for the potable water.

There are currently two separate, independent fire water systems in use at PORTS; (1) the sanitary/low pressure fire water system, and (2) the high-pressure fire water (HPFW) system.

The facilities associated with the sanitary/low pressure fire water system include the X-612 Elevated Water Tank and the X-230A Water Distribution System. Potable water from the X-611 Water Treatment Plant is the source of water for the sanitary/low pressure fire water system. This system provides fire protection water for most of the GDP support facilities.

The facilities associated with the HPFW system include: X-2230H Distribution System, X-6643 Tanks 1 and 2, and X-6644 Fire Water Pumphouse. The HPFW system provides water to select GDP site facilities to include DUF6 Conversion Facilities. The HPFW system is being modified to isolate the DUF6 Conversion Facilities.

The Contractor shall:

- (a) Operate and ensure maintenance and repair of the well and raw water supply lines;
- (b) Operate and ensure maintenance and repair the high-pressure fire water system;
- (c) Treat the raw water to meet regulatory requirements; and
- (d) Operate and ensure maintenance and repair of the sanitary/low pressure fire water distribution system.

The Contractor shall coordinate with the consuming entities to ensure a continuous supply of treated water is available.

C.4.10.2 Wastewater and Storm Sewer Systems

The X-6619 Sewage Treatment Plant services PORTS and two Pike County sources. Sewage from the site and county sources are fed into a series of underground sanitary sewers that are routed to the X-6619 for treatment.

The X-6619 is an activated-sludge facility utilizing the plug flow process, aerobic digestion, secondary clarification and granular-media filtration for effluent polishing (tertiary treatment). Ultraviolet irradiation of the effluent is currently used to meet NPDES requirements. The treated effluent is discharged into the Scioto River.

The Contractor shall modify the NPDES permit in phases to address changes of sources to existing outfalls. The modification should be done in two phases: The first phase will be to add the boiler water blowdown. A Director's Final Findings and Orders (DFF&O) for boiler water treatment additives will be required. The second phase will be transferring the X-6619 Sewage Treatment Plant and X-611B Lime Sludge Lagoon outfalls. Additionally, the OSMS Contractor shall evaluate and determine if additional permit modifications are warranted based on the Contractor's scope activities and any other changes of sources to existing outfalls.

The Contractor shall operate and ensure maintenance, repair, and improvements to the sanitary sewage system (including piping and lift stations) for all areas not within the designated D&D footprint; and treat sewage to meet regulatory requirements.

The Contractor shall coordinate with the other plant site entities to ensure a continuously operated process to collect and treat sanitary sewage.

The Contractor shall operate and ensure maintenance, repair, and improvements of the Storm Sewer System.

C.4.10.3 Dry Air Plant

The Contractor shall operate and ensure maintenance, repair, and improvements of the X-670 Dry Air Plant and the X-670A Recirculating Cooling Water System. The X-670A will provide cooling for the X-670.

C.4.10.4 Nitrogen

The Contractor shall operate and ensure maintenance, repair, and improvements of the Nitrogen System including the X-675 Nitrogen Station and X-232A Nitrogen Distribution System for the site's needs.

C.4.10.5 Steam

The Contractor shall operate and ensure maintenance, repair, and improvements of the X-690 Steam Plant, steam distribution and condensate return.

C.4.10.6 Electrical and Street/Area Lighting

C.4.10.6.1 Power Supplier Purchasing

The Contractor shall provide technical and administrative support to DOE for the **DOE/Ohio Valley Electrical Corporation (OVEC)** power agreement.

The Contractor shall provide technical and administrative support to DOE for the development and execution of the American Electric Power (AEP) Contract(s) as a result of site power reconfiguration projects.

The Contractor shall maintain Daily Electrical Power Purchase Protocol, and allocate power and distribution costs to site entities, update power usage prediction models, maintain site power consumption records, and provide support to DOE in cost effective power purchase.

C.4.10.6.2 Distribution and Transmission and Street Lighting Operations and Maintenance

The Contractor shall operate and ensure maintenance, repair, and improvements to the X-530 Transmission Switchyard and associated facilities and equipment including the X-515 tie-line between X-530 and the Don Marquis Substation to be operated by American Electric Power (AEP). The Contractor shall comply with the current **North American Electric Reliability Corporation (NERC)** standards, including **Critical Infrastructure Protection (CIP)** standards, requirements of **Reliability First Corporation** and **OVEC/DOE Interconnection Agreements**. No agreements or other standards shall conflict or supersede DOE security requirements for the protection of DOE assets without ODFSA approval.

The Contractor shall operate and ensure maintenance, repair, and improvements to the X-530 345 kV transmission equipment, 13.8kV Switchgear, and the sites 13.8kV electrical distribution system throughout the site with the exception of the ACP footprint supplied via X-5000 Switchyard.

The Contractor shall complete the procurement and construction of X-5001 138kV Distribution Switchyard, which design has been completed by others, with a target to be operational in late 2027 and will not be NERC regulated. The X-5001 will be supplied by the Arboles Switchyard which will remove ACP from the X-530 yard as a separate retail customer to AEP. The Contractor shall coordinate and interface with the entities performing these tasks to ensure continued site access and, to minimize impacts to the electrical system for all site tenants.

C.4.10.7 Natural Gas Distribution

The Contractor shall operate and ensure maintenance, repair, and improvements to the Natural Gas Supply and Distribution System. The system consists of the line supplying natural gas to the ACP area, the DUF6 Conversion Facility, and the X-690 Steam Plant.

The Contractor shall read metered usage and maintain a process for allocation of natural gas usage to site entities. The Contractor shall notify DOE and the natural gas supplier if increased/decreased usage is observed.

C.4.10.8 Rail System

The assigned rail system consists of approximately 5.8 miles of active track and one (1) railroad trestle (Shyville Rail Bridge). The rail system includes all components e.g., drainage structures, ditches, embankments, crossings, footings, lights, etc.

The Contractor shall operate and ensure maintenance, repair, and improvements to the PORTS rail system to include Shyville Trestle and rail system drainage (culverts, ditches, grates, inlets, etc.). The Contractor shall ensure the railroad property assets remain in good condition for safe use.

The Contractor shall ensure:

- (a) Performance of monthly inspections of the tracks in accordance with the **49 CFR 213 Class 1 Track Safety Standards Class 1**,
- (b) Inspection and maintenance of crossing signs and signals in accordance with **American Railroad Engineering Association (AREMA)** standards and manufacturer's specifications, and
- (c) Inspection of rail trestles (Shyville) in accordance with the requirements of **49 CFR § 237, Bridge Safety Standards, AREMA**, as well as the requirements of **DOE O 437.1, Bridge and Tunnel Management**, as referenced in **H.65, Real Property Asset Management**, on an annual basis.

The Contractor shall notify DOE of all significant problems discovered with the rail system. A catastrophic defect, one that if not repaired/corrected could lead to a sudden and total failure with potential to cause death or system loss, shall be reported immediately. A critical defect, one that if not repaired/corrected could cause severe injury, severe occupational illness, or major system damage, shall be reported daily. Contractor reports shall be signed and dated by a qualified inspector and shall have a qualification certificate attached. The Contractor's inspection reports shall be consistent with Federal Railroad Administration (FRA) standards and shall also include; track segment inspected, date of inspection, narrative description which accurately reflects the deficiency, location, and estimated cost for correction. The Contractor shall provide DOE a copy of the rail and trestle inspection reports (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table B**).

The Contractor shall coordinate with appropriate shared-site contractors during any on-site rail movements, including ensuring the placement of personnel to perform "flagging" duties at necessary intersections, taking proper security actions (such as opening and closing gates, securing rail cars, etc.), and making site-wide notifications prior to rail movements over the system.

The Contractor shall coordinate with and enter into agreements to ensure that access to offsite commercial networks are maintained. This includes the requirement to pay any fees associated with maintaining rail access.

C.4.10.9 Site-wide Radio System

The Contractor shall acquire, maintain, repair, operate, update, and distribute radios and related equipment for the Site-wide Radio System, Public Address System, and the Public Warning System to include all related components and subsystems. The Contractor shall maintain the Federal Communications Commission radio frequency license. Radio services shall include engineering, maintenance and operations of radio communication services, including two-way, fire dispatch, safety and emergency preparedness, Protective Force and infrastructure. The Contractor shall manage radio services, including radio spectrum licensing and design, engineering integration, operations and maintenance, installation, upgrade and required system calibration services. The Contractor shall maintain registration of radio frequencies with the National Telecommunications and Information Administration.

C.4.11 PAD UTILITY SERVICES

The Contractor shall perform administration of all utilities to include providing all utilities and utility-services to site tenants as indicated in **Section J, Attachment J-5, PPPO Site Services and Interface Matrix**. The administration of all utilities includes operating, treating, distributing, and conducting systems and equipment maintenance and repair of the PAD utility services. Utility services shall be consistent with the Shared Site Services Agreement for DOE Contractors but not contradict the contract, as well as DOE-approved agreements to provide utility services to other entities. Maintenance of the utility systems includes preventive and corrective maintenance along with repair(s) and improvement(s) required to provide a reliable supply of the service and will be conducted in accordance with **C.4.4**.

The Contractor shall be responsible for the isolation of the utilities as specified in the demarcation documents and supporting the other DOE contractors, as required. Support shall include, but not be limited to: assistance in determination of isolation point; termination of service at a readily available/accessible service disconnection; ensuring utilities systems are not impacted by others action; ensuring line/service is deenergized; location services; and excavation/penetration permitting, etc. Facility owner has responsibility to update shared utility grid and provide to OSMS thru shared site to ensure utility grids and maintained.

The Contractor shall maintain, manage, and execute a ground excavation, ground penetrating radar and penetration permitting process for all activities by site entities to ensure necessary measures are taken

prior to performing ground excavation or penetration to avoid impacts to or from active underground utilities and underground inactive structures. The Contractor shall perform the in-field location and marking activities associated with this service. The Contractor shall bear the cost associated with penetration permitting requests.

The Contractor shall manage and provide technical and administrative support to DOE for the PAD suppliers (e.g., Tennessee Valley Authority [TVA] Power Contractor, Water Supply, TVA C-538 Agreement, easements, natural gas etc.), DOE Grantees, and easement holders (e.g., utility location, excavation permits, operational interface, environmental reviews, access requirements, escorts, etc.), as required.

As-built drawings of all assigned project facilities and utilities shall be maintained current throughout the term of this Contract. The Contractor shall update record drawings continuously and eliminate redlined drawings. The Contractor shall annually submit the status of the As-built Drawing Status (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) for review. A justification shall be provided to DOE for any drawings that are still redlined at the time of the submittal. The Contractor shall track supplier (e.g., electrical power, natural gas), distribution and services costs by site entities to support the Contractor invoice to DOE. The tracking and metering of utilities in Federal Buildings is maintained by Section 103 of the Energy Policy Act of 2005. The Contractor shall install and annually track meters for the usage of power, natural gas, water, and other fuels, when repairs are made to the utility service for a building/group of buildings, such that installation of the meters is practicable to DOE (unless the facility(ies) is/are actively undergoing or, has completed deactivation).

C.4.11.1 Water Systems

PAD currently is licensed and permitted as its own water district by the Commonwealth of Kentucky. PAD receives and treats raw river water from the Ohio River. River water is pumped from a channel at the TVA Shawnee Fossil Plant pump deck via DOE-owned/TVA-operated and maintained pumps. Four of the six pumps located at Shawnee Fossil Plant are operable. The system consists of two original 9,000 gpm pumps and two 3,500 gpm pumps that were installed in 2021/2022. A single 3,500 gpm pump is capable of meeting PAD's current demand. River water is pumped to the C-611 Water Treatment Facility where it passes through a chemical/mechanical process to soften and treat the water to meet drinking water quality standards. Treated water is delivered from C-611 through the sanitary (potable) and fire water system (SFWS) for domestic use, fire water use, and equipment use. The daily demand for water ranges from 1.8 - 3.5 mgpd.

The Contractor shall operate and ensure maintenance, repair, and improvements to the permitted C-611 Water Treatment Facilities. This includes maintenance, repair and improvement of associated raw water lines distribution lines (as demarcated) to the individual site facilities, water towers, pump, housings, etc.

C.4.11.2 Wastewater System

The wastewater system collects sanitary sewage from multiple facilities that discharge to the collection system. The collection system is designed to collect and convey sanitary sewage and wastewater to the C-615 Sewage Treatment Plant for treatment. Collection system components include pipes, valves, pumps, lift stations, manholes, force mains, cleanouts, and flush tanks. There are two flush tanks located at points of low-flow to prevent solids buildup in the piping.

The C-615 Sewage Treatment Plant is composed of settling tanks, a sewage digester, a trickling filter, and sludge beds, and it is designed to treat up to 500,000 gal per day (gpd). The system uses gas chlorination and de-chlorination to disinfect the effluent prior to release into Bayou Creek. This effluent discharges to Outfalls 004 and 008.

The Contractor shall operate and ensure maintenance, repair, and improvements to the sanitary sewage system (including piping and lift stations) and treat sewage to meet regulatory requirements. The sewage facilities and associated infrastructure have historical radiological contamination. The Contractor shall coordinate with the other plant site entities to ensure a continuously operated process to collect and treat sanitary sewage. Additionally, the C-615 Sewage Treatment Plant can be utilized by the onsite landfills for leachate treatment. If the services in unavailable, the Contractor is responsible for providing alternative service/facilities.

C.4.11.3 Electrical Services

C-538 Substation, commissioned in 2021, provides primary power to PAD. The C-538 Substation is located on the east side of the plant outside of the limited area, east of Dyke Road and north of McCaw Road and is maintained and operated by TVA for DOE. The point of demarcation between the Substation with the site system is at the termination point of the 14kV feeders within the C-538 load centers.

The Contractor is responsible for the operation and maintenance of all the down-stream equipment including the eight 14kV feeders that run underground from the C-538 Substation to the PGDP and tie-in to a load break station located inside the limited area. From the load break station the feeders interface with overhead raceway, existing termination boxes, and the C-531 switch house Air Circuit Breaker (ACB) cabinets for further power distribution to PAD through overhead and underground feeders.

The road/area lighting system is located throughout the site and is a 2,400-volt system.

The Contractor shall maintain daily electrical power purchase requirements with suppliers, and track power and distribution costs to site entities, update power usage prediction models, maintain site power consumption records, and provide support to DOE in cost effective power purchase.

The Contractor shall operate and ensure maintenance, repair, and improvements to assigned electrical and street lighting systems and provide power and lighting to the site's contractors/tenants as demarcated. This includes maintenance, repair and improvement of associated lines, conduits, poles, guy wire, transformers, ancillary components, etc.

C.4.11.4 Natural Gas Distribution System

The Contractor is responsible for the natural gas that is provided/transported within PAD from suppliers via two main utility lines; both are located north of the GDP fenced area.

The current uses of the GDP natural gas include (Charged to EM.PA.0040.0040O1.700.04.04):

- (a) Fuel for the ultra-low NOx package boilers (3 in operation)
- (b) Facility heat at C-752-A
- (c) Facility heat at C-757

The current uses of the DUF6 natural gas include (Charged to EM.PA.0011X.0011XO1.696.01):

- (a) Fuel for Hydrogen Generator at DUF6

The Contractor shall purchase, and maintain a process for tracking of natural gas usage to site entities. The Contractor shall notify DOE of any increased/decreased usage to DOE and the natural gas supplier as required.

The Contractor shall operate and ensure maintenance, repair, and improvements to natural gas systems and that natural gas is available to site entities as demarcated. This includes maintenance, repair and

improvement as of associated lines, valves, actuators, galvanic protection systems, ancillary components, etc.

C.4.11.5 Rail System

The Contractor shall operate and ensure maintenance, repair, and improvements to all active rail for the PAD rail system. The Contractor shall coordinate with appropriate shared-site contractors during any on-site rail movements, including ensuring the placement of personnel to perform “flagging” duties at necessary intersections, taking proper security actions (such as opening and closing gates, securing rail cars, etc.), and making site-wide notifications prior to rail movements.

The Contractor shall operate and ensure maintenance, repair, and improvements to all active rail on the railroad system to include Trestles C-1910, C-1920 and C-1930 and drainage (culverts, ditches, grates, inlets, etc.). The Contractor shall maintain the railroad property assets in good condition for safe use.

The Contractor shall ensure:

- (a) Performance of monthly inspections of the tracks in accordance with the **49 CFR 213 Class 1 Track Safety Standards Class 1**,
- (b) Inspection and maintenance of crossing signs and signals in accordance with **American Railroad Engineering Association (AREMA)** standards and manufacturer’s specifications, and
- (c) Inspection of rail trestles (C-1910, C-1920 and C-1930) in accordance with the requirements of **49 CFR § 237, Bridge Safety Standards, AREMA**, as well as the requirements of **DOE O 437.1, Bridge and Tunnel Management**, on an annual basis.

The Contractor shall notify DOE of all significant problems discovered with the rail system. A catastrophic defect, one that if not repaired/corrected could lead to a sudden and total failure with potential to cause death or system loss, shall be reported immediately. A critical defect, one that if not repaired/corrected could cause severe injury, severe occupational illness, or major system damage, shall be reported daily. Contractor reports shall be signed and dated by a qualified inspector and shall have a qualification certificate attached. The Contractor’s inspection reports shall be consistent with **Federal Railroad Administration (FRA)** standards and shall also include; track segment inspected, date of inspection, narrative description which accurately reflects the deficiency, location, and estimated cost for correction. The Contractor shall provide DOE a copy of the rail and trestle inspection reports (**see Section J, Attachment J-4, Summary of Contract Deliverables, Table B**).

The Contractor shall coordinate with and enter into agreements to ensure that access to offsite commercial networks is maintained. This includes the requirement to pay any fees associated with maintaining rail access. Billing for this may be split to multiple site accounts, as designated by DOE.

C.4.11.6 Site-wide Radio System

The Contractor shall acquire, maintain, repair, operate, update, test and radios and related equipment for the Site-wide Radio System, Public Address System, Public Warning System and Public Warning Siren System to include all related components and subsystems. The Contractor shall maintain the **Federal Communications Commission** radio frequency license. Radio services shall include engineering, maintenance and operations of radio communication services, including, fire dispatch, safety and emergency preparedness, Protective Force and other site entities. The Contractor shall manage radio services, including radio spectrum licensing and design, engineering integration, operations and maintenance, installation, upgrade and required system calibration services. The Contractor shall maintain registration of radio frequencies with the **National Telecommunications and Information Administration**.

The Contractor shall be responsible for purchase of its own radios and the other site contractors will purchase their own replacement (if it cannot be repaired) or additional radios.

C.4.11.7 Steam and Hot Water System

The plant steam system consists of three natural gas low NOx emission package boilers, each capable of providing up to 20,000 lbs/hr and are tied into the main steam distribution system.

The plant steam system provides steam heat directly to steam heaters and heat exchanger systems for specific areas in occupied facilities. There is a large heat exchanger located east of the package boiler pad that heats water for the recirculating heating water system. This system provides heated water to the heating systems in numerous occupied facilities

The Contractor shall operate and ensure maintenance, repair, and improvements to the steam and hot waters systems to provide steam and hot water to site entities. This includes maintenance, repair and improvement of associated lines, valves, actuators, galvanic protection systems, blowdown, boiler water treatment, ancillary components, etc.

C.4.11.8 Chilled Water System

The chilled water system (CWS) includes two chiller units, a holding volume, and a closed loop underground piping system that supplies chilled water to various PAD facilities and returns the warmer water to the chiller station.

The Contractor shall operate and ensure maintenance, repair, and improvements to the chilled water systems and provide chilled water to site entities. This includes maintenance, repair and improvement of associated lines, valves, actuators, galvanic protection systems, chiller, water towers, water treatment, ancillary components, etc.

C.4.12 OTHER SITE ENTITY SUPPORT

The Contractor shall provide the following site services to other site tenants on a mutually agreed upon basis. This work will be executed via Cost Reimbursement type Work Authorizations (WA) with the Department of Energy (DOE). Payments to MCSA will be based on full cost recovery consistent with DOE Order 522.1A, Pricing of Departmental Materials and Services.

The section below provides the scope and details of the work to be performed, which will be amplified by specific details required by each site entity in a respective WA document. The Contractor shall provide support documentation to DOE for full cost recovery of the services provided with its invoice to DOE. This support documentation includes detailed back up and summary information by work authorization and contractor's invoice number to DOE. All services/work shall be performed in accordance with all applicable permits, laws and regulations of the State of Ohio, the Federal Government, DOE Orders, and all other codes, Standards, work authorizations, procedures and requirements as applicable.

The Contractor shall provide an estimate of cost to be incurred in 45 calendar days to cover services to be provided to DOE for each entity prior to the services being provided. During the performance period of this WA, prior to the end of each calendar month, the entity shall pay DOE the estimated monthly amount set forth in the Estimated Cost section of this WA for the services provided.

Natural Gas

The Contractor will provide the natural gas service to other site entities as requested at its actual cost plus the required mark-up per DOE Order 522.1A. The respective entity shall pay for the natural gas used by their system based on the actual metered usage and a line loss factor determined by the natural gas supplier. Each entity will provide access to the Contractor Point of Contact or their authorized representative to obtain the actual meter readings in order to determine actual usage.

The Contractor will provide all labor, technical and professional services, supervision, and materials and equipment for the operation and maintenance of the Natural Gas Pipeline System. Each entity shall be responsible for all operation and maintenance costs associated with the portion of the Natural Gas Pipeline system after the last isolation valve, in their respective leased space, supplying their installed system.

Each entity shall pay for its pro-rata share of the operation and maintenance of the Natural Gas Pipeline System up to the natural gas connection point at the site boundary as part of the costs of this service. The costs shall be allocated based on the metered usage of natural gas used on site, plus a line loss factor, and the method of allocation shall be the same for all users of natural gas on site.

Utility Services

Purchased Power

The Contractor shall provide to other site entities, electricity purchased from power suppliers ("purchased power") for their operations, as requested. The costs of such purchased power charged (distributed) to other site entities shall be determined based on mutually agreed upon provisions. For American Centrifuge Operations LLC (ACO), this shall be consistent with the provisions of Article IV.B.2 of the Services MOA. In no event, however, shall the costs of power/electricity supplied to DOE or its contractors at the site or otherwise be included in the direct costs of purchased power distributed to other site entities.

DOE will invoice the other site entities for the costs of purchased power as a direct charge and such invoice shall be processed between DOE and the entity.

Power Operations

The Contractor shall provide power operations services to other site entities, as requested. The costs of such power operations services charged (distributed) to other site entities shall be determined by the entity's usage of megawatt hours of electricity relative to the total usage of purchased power by all users at the Site, including DOE and its contractors. In no event shall the power/electricity supplied to DOE or its contractors at the site or otherwise be counted as usage of power/electricity by the entity, but may be included in the overall power for determining the distribution of power operations service charges.

Dry Air

Portsmouth only, the Contractor operates and maintains dry air production air compressors and equipment at the Site and will provide support to other entities as requested. The costs of such operations and maintenance charged (distributed) to entities shall be determined by the entity's usage per 1,000 cubic feet of dry air relative to the total usage of such dry air by all users at the Site (including DOE and its

contractors).

Raw Water

The Contractor shall pump and distribute water to other entities up to and including the Plant's water treatment plant and the water distribution system. The costs of such pumping and distribution charged (distributed) to the entity shall be determined by the entity's usage per 1,000 gallons of raw water relative to the total usage of such raw water by all users at the Site (including DOE and its contractors).

Sanitary Water

The Contractor shall soften, clarify, settle disinfect, filter, post chlorinate and pump water to the Site's sanitary distribution system. The costs of such activities charged (distributed) to the entity shall be determined by the entity's usage of 1,000 gallons of sanitary water relative to the total usage of such water by all users at the Site (including DOE and its contractors).

Sewage

The Contractor shall process raw sewage from the other site entities, as requested. The costs of such activities charged (distributed) to each entity shall be determined by the entity's per 1,000 gallons of sewage relative to the total usage of such sewage by all users at the Site (including DOE and its contractors).

Protective Force (PF) Support

The Contractor shall provide PF services to support other site entities. The PF services provided will include, if requested by a DOE WA:

- Vehicle/Personnel inspections.
- Armed alarm response by SPO I in accordance with DOE Prime Contractor response plans and applicable PF Standard Operating Procedures.
- Emergency response to security and/or abnormal events involving threats to personnel or property.
- Facility patrols and/or walkdowns.
- Access Control functions.

Contractor PF reserves the right to appropriately prioritize all entity response actions and support activity to ensure avoidance of conflict with PPPO priorities and assets as defined by the DOE Site Security Plan. Other site entities will provide sufficient access to allow the Contractor PF access to their procedures and facilities.

Fire Safety

- The Contractor shall furnish Fire Services support, and perform associated inspections and testing of entity fire equipment such as, but not limited to;
 - fire alarms,
 - portable fire extinguishers,

- sprinkler systems, monthly/annual Items Relied On For Safety (IROFS) testing/inspection as applicable
 - detection equipment,
 - smoke ventilation systems,
 - water supply system components, and
 - fire doors.
- The Contractor shall operate and maintain the common fire water distribution system (i.e. storage tanks, underground distribution piping, alarms and water supply) at the site.
- Inspection and testing services may be performed in conjunction with other site entity Fire Protection personnel.
- The Contractor shall ensure that procedures used for fire safety, response, testing/inspection and/or protection are maintained and any changes to procedures utilized to support other entity's facilities, activities, or implement applicable License Application requirements are reviewed by each entity's Fire Safety/Emergency Management personnel.
- The Contractor may be requested to perform special activities on an as needed / as requested basis, including compensatory actions such as fire patrols, review of fire protection issues, and support for fire equipment maintenance activities.
- The Contractor shall notify the On-duty Shift Supervisor, entity Fire Safety/Emergency Management, and Facility Custodian in advance of scheduled activities to be performed within other site entity facilities such as, but not limited to;
 - sprinkler flow tests,
 - smoke detector testing,
 - smoke ventilation system testing,
 - alarm testing,
 - building surveys,
 - fire safety inspections, etc.
- Deficiencies identified during testing and inspections of other site entity facilities, systems, and/or equipment shall be reported to the On-duty Shift Supervisor, respective entity's Fire Safety/Emergency Management, and the Facility Custodian, as applicable.
- The Contractor shall ensure that testing and inspections are conducted in accordance with approved policies, plans, training, and procedures.
- The Contractor shall provide and maintain emergency response equipment
 - The Contractor shall provide a minimum of four (4) qualified firefighters and one (1) Fire Services supervisor per shift, 24-hours per day, and seven (7) days per week.
 - The Contractor's response shall be such that the response time from alarm to the application of fire suppressant to a fire in an entity's area/facility will not exceed 20

minutes for 90% of the responses.

- The Contractor shall maintain oil spill response supplies and equipment sufficient to control a spill of 4,000 gallons. Spill response equipment shall include at a minimum:
 - Booms
 - Pigs
 - Absorbent cloth (pads and rolls)
 - Skimmer
- The Contractor shall provide specialized fire protection training on such topics as, but not limited to portable fire extinguishers and fire watch.
- The Contractor shall transmit all proposed changes to “High Pressure Fire Water System” to other site entity’s Fire Safety Manager for review prior to implementation of proposed changes that could affect the entity’s Fire Water Supply.

Emergency Management

- The Contractor shall coordinate and manage an Emergency Management Program that implements the requirements of the Site Emergency Plan.
- The Contractor shall ensure that Site Emergency Plan Implementing Procedures (EPIPs) are maintained and any changes are reviewed by other site entity’s Fire Safety/Emergency Management.
- The Contractor shall coordinate emergency planning activities, drills and exercises, briefings, and training with off-site response organizations that support the requirements of the Site Emergency Plan.
- The Contractor shall coordinate an Emergency Management Drill and Exercise Program that provides for the conduct and evaluation of drills and exercises that maintain and test the response capabilities of emergency personnel, facilities, equipment, procedures, and training.
- The Contractor shall coordinate and manage an Emergency Management Training Program that implements the requirements of the Site Emergency Plan for other site entity personnel and support organizations assigned to the Emergency Response Organization (i.e. Emergency Operations Center (EOC) Cadre, Public Information Center (JIC) Cadre, and Field Emergency Response Organization Cadre). DOE through its contractor performing the services shall be responsible for the following:
 - Presentation of formal classroom training and applicable emergency management briefings for entity personnel and/or support organization personnel assigned to the Emergency Response Organization.

- Development and maintenance of training modules, self-study guides, materials, equipment and training aids.
 - Development and maintenance of a database that ensures applicable emergency management training requirements are identified for entity personnel and/or support organization personnel assigned to the Emergency Response Organization.
 - Tracking the status of emergency management training requirements for entity personnel and/or support organization personnel assigned to the Emergency Response Organization and provide a monthly status report to the entity Training Manager and entity Fire Safety/Emergency Management.
 - Development and distribution of a monthly schedule for upcoming emergency management training.
 - Other site entity access to emergency management training materials (i.e., self-study guides).
 - Development and distribution of a position specific roster that identifies trained and qualified personnel assigned to the EOC and/or JIC cadres.
- The Contractor shall coordinate the minimum operational staffing requirements for operations of the Emergency Operations Center (EOC) and Joint Information Center (JIC) to ensure the operation is staffed, trained, and equipped to respond to emergencies and/or abnormal events in entity facilities.
 - The Contractor shall provide a Field Emergency Response Organization that is staffed, trained, and equipped to respond to emergencies and/or abnormal events in other site entity's facilities.
 - The Contractor shall staff, coordinate, develop, and maintain a process for the implementation of emergency public information in the event of an emergency or abnormal event at other site entity facilities.
 - The Contractor shall coordinate, develop, and maintain an Incident Commander and an Incident Command System that provides for the management of emergency response activities, protective actions, and notification of personnel in the event of site emergencies, and abnormal events.
 - The Contractor shall develop and maintain mutual aid agreements with off-site emergency response organizations that support the emergency response requirements of the Site Emergency Plan.
 - The Contractor shall coordinate and offer off-site response organizations (i.e., local fire, law enforcement, ambulance, and hospital services) a briefing that covers such topics as, but is not limited to;
 - A review of the Site Emergency Plan and EPIPs

- Any changes to the Site Emergency Plan or Procedures
- Information on hazards
- Onsite and Off-site protective actions
- Emergency Action Levels
- Notifications
- Response coordination issues
- Other site entities will provide their own radios with access to DOE contractors' EMERGENCY COMMUNICATIONS channel.
- The Contractor shall coordinate the emergency response planning, emergency release reporting, hazardous inventory reporting, and toxic chemical release reporting with the EPA Superfund Amendments and Reauthorization Act (SARA) Title III (Community Planning and Community Right To Know Act).
- The Contractor shall provide a plant wide public address system which includes services to all leased facilities and surrounding areas and provide a Public Warning System that is maintained in a state of readiness for emergency notification of off-site area residents.
 - The Contractor shall perform periodic testing, inspection, and maintenance of the Public Warning System in accordance with established procedures for testing, inspection and operation.
 - The Contractor shall include the coordination of audible testing of the Public Warning System with site tenants, local residents, businesses, off-site response organizations, and the media.
 - The Contractor shall implement and coordinate applicable compensatory measures in the event that a siren does not meet design function, or experiences loss of power.
 - At Portsmouth, Meteorological (Met) Tower Support – The Contractor shall shall:
 - Provides support of existing On-site Meteorological Monitoring System including but not limited to:
 - Download and store meteorological data,
 - Support meteorological systems in the X-1020 Emergency Operations Center (EOC),
 - Screen raw data for errors or gaps,
 - Compile annual meteorological data files from saved data,
 - Supply temperature and barometric pressure data files quarterly, and
 - Troubleshoot meteorological system as required.

Plant Shift Superintendent

- At Portsmouth, the Contractor shall independently determine reportability and safety issues in accordance with other site entity procedures. ACD2-RG-004, Corrective Action Process.

- At Portsmouth, the Contractor shall complete verbal notifications, including associated documentation, of reportable events to the Regulator (NRC and/or DOE) in accordance with procedure ACD2-RG-044, Nuclear Regulatory Event Reporting.
- The Contractor shall provide a reporting point for issues with shipments of other site entity parts regarding adverse transportation events.
- The Contractor shall act as point of contact 24 hours/day, 7 days/week for selected emergent situations at the other site entity facilities.
- Other site entities will provide sufficient access to allow the Contractor PSS access to their procedures.

Dosimetry and HP/IH Support

- The Contractor will Provide National Voluntary Laboratory Accreditation Program (NVLAP) accredited TLDs for use in leased facilities
- The Contractor will provide the raw electronic dosimetry data from the TLD vendor and the dosimetry results paper copy using a separate account
- The Contractor shall provide information for annual dosimetry report to other site entity employees.
- At Paducah, the Contractor shall provide to other site entities HP technician support as requested by DOE.
- At Portsmouth, the Contractor shall ensure at least one qualified HP technician is available to provide 24-hour coverage to meet Lead Cascade minimum staffing requirements. Services will include: Routine surveys, sample transport, and job coverage surveys. Personnel required to enter ACO subleased facilities to provide support must have the appropriate clearance extended to ACO. The contractor will provide a list of personnel providing support under this scope of work so clearances may be extended appropriately. However, identified support to ACO will not be considered a primary driver to maintain or increase the contractor's requirement for a clearance. ACO will, at their cost, provide any required escorts for workers not having the appropriate clearance to perform the scope of work. The following training and qualifications are required for personnel providing this service:
 - HP-IH Technician qualifications outlined in POEF-USEC-03 Training Development and Administrative Guide for Health Physics Technicians and Managers (or equivalent)
 - GET and ACO Security Education and Awareness required for access to ACO subleased facilities

Electrical Engineering Support

- The Contractor shall provide qualified electrical (power) engineering support to other site entities, as requested.
 - For Portsmouth, the individual shall have site specific, X-5000 experience and knowledge of working on up to 345KV high voltage power supply system designs. Such support will include, but may not be limited to:
 - Support electrical troubleshooting issues (up to 345KV) for the Piketon American Centrifuge facilities.
 - Supply electrical design input and reviews for modifications and new installation designs that will involve electrical power at the Piketon

American Centrifuge facilities.

- Support electrical engineering document classification reviews.
- The Contractor shall provide the electrical engineering services as personnel work schedules permit.

Scale Repair and Calibration

- The Contractor shall furnish scale calibration and maintenance services for UF₆ cylinder scale(s) and sample scale(s) at least once annually (PM) and as requested by other site entity personnel. Such support will include, but may not be limited to the following:
 - Transporting check weights to and from the scale(s) at X-3001
 - Maintain check weights required for performing calibrations
 - Electronic maintenance/calibration of scales
 - Certification of check weights
 - Documentation of calibration data and certification data
 - Specialty tools and equipment required for scale calibration
 - Restore, certify, and deliver 30B (2 Full and 2 Empty) In House Standard (IHS) cylinders
 - This includes 2 30B (1 Full and 1 Empty) IHS cylinders

C.4.13 Nuclear Material Management

The Contractor shall support PPPO response to the NNSA Office of Environment, Safety, and Health Nuclear Materials Integration Division, the EM program office, or other DOE-HQ data calls issued in accordance with DOE O 410.2, *Management of Nuclear Materials*. The Contractor will organize, staff and manage a Nuclear Material Management (NMM) program to fully meet the requirements of DOE O 410.2, applicable International Atomic Energy Agency (IAEA) requirements, obligation of international treaties, and other DOE guidance documents in support of life-cycle management for DOE-owned and/or other managed accountable nuclear materials.

The Contractor shall:

- Coordinate with MC&A for assignment/evaluation of Nuclear Material Management markers in the accounting database (e.g., project number, disposition path, restricted use, defined use)
- Coordinate with cylinder management organization and DOE for identification of items/material that are contracted, obligated, or otherwise determine eligibility for conversion
- Interface with NNSA/DOE for identification and coordination of planned shipments between PPPO and other facilities (e.g. recently established NNSA SharePoint activity)
- Provide guidance to site personnel on DOE regulations and policies concerning management of nuclear materials; and
- Prepare nuclear materials management reports for DOE as required by DOE orders and/or NNSA data-calls. Reports include but are not limited to the following:
 - Nuclear Material Forecast and Allotment Report
 - Nuclear Material Inventory Assessment Report
 - Nuclear Material Management Plan, including the Material Balance Spreadsheet(s)

- NMMSS T-141 Project Numbers Annual Update

C.5 UF6 OPERATIONS

The Contractor shall conduct UF6 operations in a safe manner. UF6 operations include DUF6 to UOx, UF6 material cylinder transfer and cylinder management. The Contractor shall operate and maintain facilities in compliance with applicable Federal, State, local laws and regulations, Executive Orders, DOE directives, and Regulatory Agreements and Orders. The Contractor shall submit a UF6 Operations and Maintenance Plan (see Section J, Attachment J-4, *Summary of Contract Deliverables, Table B*) which describes management methods by which the DUF6 conversion facilities will be operated, maintained, and plant operations optimized.

C.5.1 MAINTENANCE AND REPAIR

The Contractor shall perform all S&M, corrective repairs and improvements necessary to maintain the reliability and availability of all UF6 Operations assigned facilities, equipment, support systems, cylinder yards and associated equipment in accordance with applicable DOE Directives, including **DOE O 433.1 Maintenance Management Program for DOE Nuclear Facilities**. The maintenance repair work scope shall include periodic evaluation and revision to the controlling S&M plans, descriptions, and procedures.

The Contractor shall schedule planned outages in accordance with National Standards, Engineering Evaluations and Procedures, and manage all outages to maximize safety, efficiency and cost effectiveness while minimizing down time.

The Contractor shall submit an initial System Health Plan within 90 days after NTP (see Section J, Attachment J-4, *Summary of Contract Deliverables, Table A*), and **System Health Reports** quarterly (see Section J, Attachment J-4, *Summary of Contract Deliverables, Table B*) to delineate the criteria to be used to rate system health for all major systems and components as well as ancillary systems and components that support operations at PORTS and PAD. The System Health Report is NOT intended to replace **DOE Order 420.1 Facility Safety**. The report is intended to minimize/streamline system health reporting for systems performing as desired and provide greater detail for underperforming systems using the graded approach based on safety and operational significance. The report is to be comprehensive and include a one-to-two-page graphical dashboard in order to easily identify areas where attention is needed. The report shall include an overall assessment of what items/systems/components are negatively affecting production and those experiencing a high failure rate and/or high cost to repair individually or as a group. The reports shall indicate how the elements will be measured and presented as well as how identified issues will be resolved.

In addition, the Contractor shall submit an **Independent Assessment of System Health** at PORTS and PAD (see Section J, Attachment J-4, *Summary of Contract Deliverables, Table B*) every three years.

As-built drawings of all assigned project facilities shall be maintained current throughout the term of this Contract. The Contractor shall update record drawings continuously and eliminate redlined drawings. The Contractor shall annually submit the **As-built Drawing Status** for review (see Section J, Attachment J-4, *Summary of Contract Deliverables, Table B*). A justification shall be provided to DOE for any drawings that are still redlined at the time of the submittal.

The Contractor shall recertify all eleven HF storage tanks on a schedule such that all eleven tanks remain certified through 24 months after the contract expiration date. The Contractor shall repair, refurbish, or reline the current HF storage tanks, as needed to ensure continued certification. The Contractor shall not allow any HF storage tank to be out of certification during the Contractor's period of performance.

The Contractor shall anticipate corrective maintenance/repairs will occur at the PORTS DUF6 facility due to the use of schedule 40 polyvinyl chloride (PVC) glued to PVC standard dimension ratio (SDR) 21 pipe and plan accordingly.

C.5.2 DUF6 CONVERSION OPERATIONS

DUF6 Conversion to UOx is performed through seven operational lines located at two separate geographical sites. The Contractor shall adhere to a PPPO Seven Lines, One Plant philosophy. For the two conversion facilities, one each at PORTS and PAD, the Contractor shall maintain, repair and operate to reflect a consistency in all areas to include management, configuration, security, safety, training, etc. with deviations permitted only when location specific differences necessitate. Conversion is the act of converting DUF6 into UOx and HF, while repackaging is the act of moving DUF6 or oxides from one container to another (i.e., 180g U-235 heel cylinders, C.5.5 UF6 repackaging operations, etc.).

The Contractor shall maximize the utilization of the Cylinder Transfer System (CTS) and Cylinder Evacuation Room (CER). The CTS transfers the contents of cylinders that do not qualify for conversion in a standard autoclave to the Vaporization System (VAP). The CTS transfers DUF6 to Conversion Unit C-1-CON-CU-203 through Hot Box C-1-VAP-SP-103. Damaged, corroded, or overfilled cylinders can be placed in one of the two autoclaves. Cylinders that are unacceptable for heating in an autoclave will utilize the CER. The CTS equipment includes two autoclaves; one hot box with vacuum pumps and valves; process instrumentation. The CER equipment has heating blanket, controls, one hot box with vacuum pumps, and connections leading to the process piping in Hot Box C-1-VAP-SP-103.

There are approximately 17,300 cylinders at Portsmouth and approximately 41,200 at Paducah. The table below provides cylinder processing expectations for the next five fiscal years.

Note: The processing expectations identified in the table below are subject to cylinder availability. The specific Fiscal Year processing targets will be identified in the annual Performance Evaluation and Measurement Plan.

Fiscal Year	Paducah	Portsmouth
FY26	728	546
FY27	764	573
FY28	828	621
FY29	864	648
FY30	888	666

C.5.3 CYLINDER CONVERSION

The Contractor shall safely convert DUF6 cylinders identified in the Cylinder Information Database (CID). The Contractor shall only convert lower assay cylinders with less than or equal to 0.2% uranium-235 at Paducah and less than or equal to 0.2504% uranium-235 at PORTS. Cylinders greater than 0.2% uranium-235 at PAD and greater than 0.2504% uranium-235 at PORTS may only be converted upon prior written approval of the CO, with the exception of the off-specification cylinders described in C.5.3.3.

Cylinders shown as reserved by project code within the CID shall not be converted without prior approval of the CO.

The Contractor shall safely convert and disposition DUF6 cylinders regardless of size, shape, or condition. The Contractor shall convert both good and degraded cylinders in a systematic manner and shall not arbitrarily set aside degraded cylinders. The Contractor shall not use the Characterization Package Number (CPN) codes to set aside cylinders for future conversion without DOE concurrence. The

Contractor shall submit a **Cylinder Movement Report** (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) containing any cylinder moved, but not converted, unless that cylinder is above the authorized enrichment levels for conversion. In addition, the report shall contain justification/explanation for any cylinders moved, but not converted (i.e. set aside). Cylinders that are corroded, dented, breached, or otherwise present a greater hazard in storage, shall not be excluded from conversion operations and shall be converted. The Contractor shall be responsible for any pre-conversion confirmation of cylinder contents and conditions necessary to establish that the DUF6 feed to the conversion facility will meet the design basis criteria for DUF6 feed as defined in the System Requirements Document. The Contractor shall complete this cylinder characterization for pre-conversion on the entire inventory of cylinders, including those cylinders with higher enrichments within 36 months from the AOO.

For the purpose of this Contract, the term disposition is defined as when the item is accepted for disposal at a licensed waste disposal site or transfer of title to another entity for use/reuse.

C.5.3.1 Small Diameter Cylinders

The Contractor shall prioritize progress on processing 269 small diameter cylinders (i.e., anything less than 30 inches) within 48 months of the AOO with the resulting empty cylinders dispositioned within 12 months after processing. The small diameter cylinders are located at PORTS (207) and PAD (62).

C.5.3.2 PCB Coated Cylinders

The PCB coated cylinders scope will be as authorized and ordered by the Contracting Officer under **C.10, Additional Assignments**.

C.5.3.3 Off-Specification Cylinders

The Contractor shall convert off-spec, less than 0.96 weight percent cylinders (see **Section J, Attachment J-8.C.5.3.3, Off-Spec Less Than 0.96%**). These cylinders are to be converted and the empty cylinders dispositioned during the Base Period of the Contract. The Contractor is approved to convert these cylinders regardless of the assay requirements of **C.5.3, Cylinder Processing**.

C.5.3.4 ConVerter (CV) Cylinders

The Contractor shall develop and implement corrective actions to the PAD CER system to demonstrate that CER can vaporize DUF6 from CV-19 cylinders for conversion. Upon successful startup and demonstration, the Contractor shall convert CV-19 cylinders (137 located at PAD) at a projected rate of ten CV-19 cylinder per year. The CV-19 cylinders shall have no more than a 25 kg heel at the end of conversion (i.e., no heavy heels permitted). All heel cylinders generated as a result of the Contractor converting CV-19 cylinders within the Base Period of the Contract shall be dispositioned within the Base Period of the Contract.

There are 150 CV-12 cylinders that have been processed to heel quantity. These must be dispositioned within the Base Period of the Contract.

C.5.3.5 Cylinder Transfer System (CTS) Cylinders

The Contractor shall keep the CTS fully utilized at both the PORTS and PAD DUF6 facilities by transfer and/or conversion through the CTS damaged/non-standard/ defective DUF6 cylinders (CID Damage Code A01, A03, A04, A05, A06, A09, A10, A13, and D11 OR Contents Transfer Compliance Indicator (CTCI) of 147) that cannot be readily modified, such as replacing a cylinder valve or plug, to allow it to be fed from a regular autoclave to less than or equal to heel quantity. It is acceptable for the Contractor to

use any available autoclave to feed non-standard cylinders with defective codes of 401, 403, 406, 409, 410, A13 and D11. Cylinders with defect codes of 404 and 405 may be similarly processed through any available autoclave. Defect Codes are described in **DUF6-U-OPS-0101, *Cylinder Pre-Heat Inspection***.

C.5.3.6 180g U-235 Enriched Heel Cylinders

The Contractor shall load oxide into cylinders that contain less than 180g U-235 enriched heels (**see Section J, Attachment J-8.C.5.3.6a, *List of Less Than 180g U-235 Enriched Heel Cylinders***). All of these cylinders shall be filled with oxide within the Base Period of the Contract.

The Contractor shall annually submit a **Cylinder Disposition Strategy** plan for disposition of cylinders with greater than 180g U-235 but less than 350g U-235 enriched heels (**see Section J, Attachment J-8.C.5.3.6b, *List of Enriched Heel Cylinders With Greater Than 180g and Less Than 350g U-235 Cylinders***) (**see Section J, Attachment J-4, *Summary of Contract Deliverables, Table B***). Upon DOE approval of the strategy/process the Contractor shall process and disposition the cylinders.

C.5.3.7 By-Product Management

The Contractor shall be responsible for the safe, compliant storage of the cylinders and products/wastes until these cylinders, co-products, or wastes are transported off-site and dispositioned (either by acceptance for disposal by a licensed waste disposal site or transfer of title to another entity for use/reuse). The Contractor shall provide the capability to safely and compliantly store the empty cylinders and products/wastes generated from conversion.

The Contractor shall, on an annual basis, conduct market research on the use of uranium oxide and provide a letter reporting the results and conclusions to the DOE (Uranium Oxide Market Research) (**see Section J, Attachment J-4, *Summary of Contract Deliverables, Table B***).

C.5.3.7.1 Aqueous Hydrofluoric Acid (AqHF)

AqHF must be continually dispositioned in order to maintain capacity for the additional production through the conversion process. The Contractor shall be responsible for the sale of AqHF product as a sales agent for the Government, according to **H.67, *Sales of Conversion Products and Excess Uranium Inventory***. The Contractor shall maintain the ability to ship equally via rail or truck mode, in part or whole. The Contractor shall not engage in the sale of other conversion products unless directed by the CO. The Contractor shall evaluate and submit to DOE a report for other alternatives for the sale of AqHF within the first twelve months of AOO.

C.5.3.7.2 Conversion Product Management

The Contractor shall review, revise as needed, submit any revisions for CO approval, and (once approved) execute the Conversion Product Management Plan (**see Section J, Attachment J-4, *Summary of Contract Deliverables, Tables A and B***) within 60 days of NTP. This Plan shall describe how each identified product is generated and how it is to be managed from the point of generation to disposition. The Plan shall include the quantities, methods, and timetables for the management of each product stream. The Plan shall be maintained and revised whenever changes are made that affect product management. Changes to the Plan shall be subject to CO approval. The Contractor shall notify the CO if no revisions to the Plan are needed.

C.5.3.7.3 Uranium Oxide/Cylinder Heels

The Contractor shall properly characterize the oxide that is loaded into a cylinder for storage and ultimate disposition. The characterization data shall be sufficient to meet the waste acceptance criteria (WAC) for any eligible off-site disposal facility in the event that it is declared waste. This also includes oxide that is not in a cylinder or that is planned to be used for bed uploading (see Section 7.4). See **DOE/EIS-0359-S1, DOE/EIS-0360-S1, *Final Supplemental Environmental Impact Statement for Disposition of Depleted Uranium Oxide Conversion Product Generated from DOE's Inventory of Depleted Uranium Hexafluoride.***

C.5.4 RESERVED

C.5.5 UF6 REPACKAGING OPERATIONS

In support of DOE and NNSA missions, DOE will continue repackaging/transfer operations within the X-340 Area primarily X-342, X-344, and support systems within the area. The Contractor shall support DOE's efforts to meet commitments/agreement with other entities for the repackaged product. The Contractor shall transfer UF6 from small cylinders and larger thin-wall cylinders to Department of Transportation (DOT) 48 Y thick wall cylinders for long-term storage and/or shipment.

C.5.5.1 Depleted UF6 Repackaging

C.5.5.1.1 RESERVED

C.5.5.1.2 DUF6 Repackaging

The Contractor shall consolidate/transfer DUF6 from thin-walled 48 G cylinders to (DOT) 48 Y thick wall cylinders that meet the ANSI N14.1-2019 standard, utilizing the X-342/X-344 autoclaves and cold boxes at a minimum rate of 1000 MTU per year.

The Contractor shall sample and conduct laboratory analysis for each transferred cylinder to ASTM C787 standards. It is noted that there is no ASTM standard for DUF6; however, an assumption that the DUF6 would meet ASTM C787 specifications if enriched to a normal assay shall be made based on DUF6 sampling.

C.5.5.2 Shipment

The Contractor shall support the transportation/shipment of cylinders by coordinating access to the site, loading onto conveyance(s), assisting in securing, etc. for the movement to a NNSA designated off-site receipt point. NNSA, or a designee, will be the shipper of record.

C.5.5.3 Facility/System Modifications

Upon the Contractor's AOO, numerous projects will be ongoing in the X-340 Area. The Contractor shall support these activities within its areas of responsibility and minimize disruptions to that contractor's performance. Upon completion and acceptance of the projects by DOE, the Contractor shall assume full responsibility for the operation and S&M of the installed equipment to include exercising of any warranties, along with meeting the requirements of C.5.1.

Projected major active projects are Installation of Equipment to sever the X-340 from centralized utilities for:

- (a) Dry Air and Steam Systems (currently being designed)
- (b) X-744K Uranium Analytical Laboratory (currently being designed)

C.5.5.4 High Purity Depleted Uranium Metal Support (CLIN 00106)

The Contractor shall continue to support NNSA in directed activities in support of the NNSA High Purity Depleted Uranium Program. Portsmouth will need the capability to drum at least 450 MTU of DUOx annually. It is anticipated that this will require modifications to the existing DUF6 Conversion Line 3 at Portsmouth and the addition of drumming and storage capabilities in the XT-847 facility.

This includes completion of the design and installation of modifications required for the Oxide Powder Handling (OPH) system at Portsmouth, along with installation of powder testing equipment at Portsmouth.

The Contractor shall continue to complete modifications to the existing XT-847 facility that are required to accommodate DUOx repackaging into type 7A drums. This includes but is not limited to:

- DUOx drumming station
- Fire protection system
- Electrical infrastructure and lighting

C.5.5.5 UF6 Test Loop Design

The Contractor shall complete the final design for DOE review/comment of a standalone UF6 test loop to be installed in the existing X-340 complex at Portsmouth utilizing domestic components in support of the NNSA Domestic Uranium Enrichment program. Effort shall be made to early in the design process to avoid affecting ongoing cylinder transfers in the X-344 and X-342 to the extent possible. Functionally, this UF6 test loop shall be capable of transferring UF6 as a gas between a parent cylinder and either a daughter cylinder or cold traps at flow rates specified by DOE NNSA. It is anticipated that this system could be used to augment the existing 48" cylinders transfer work in process at the X-340 complex when testing is not required on the cold traps.

This system shall also include provisions for future compressor installation in a subsequent phase of the project once a domestically sourced compressor is made available. The design should also consider the use of autoclave(s) that are currently under procurement with MCS under the HPDU program as well as maximizing the use of equipment designs installed at Portsmouth (i.e. X-342 cold boxes, cold traps, etc.) to the extent possible to reduce risk to the project.

C.5.5.6 X-344J Steam and Air Facility

The design for a standalone steam and air facility to feed the X-340 complex has been underway and is anticipated to be at 90% completion prior to the end of transition. The OSMS Contractor shall complete the design of the facility with drawings that are Certified for Construction at the level of detail required for the construction and installation of the facility to be competitively bid. This facility will be capable of meeting both the steam and dry air needs of the X-340 complex so that the existing X-

670 and X-690 facilities can be eligible for D&D.

Upon direction from the CO, the Contractor shall proceed with procurement of equipment and materials for this facility and complete the installation of all necessary components. It is anticipated that this facility will be located near the existing X-340 complex and that utilities will be ran to minimally impact the D&D mission.

C.5.6 CYLINDER YARD OPERATIONS

The Contractor shall provide all the necessary labor, materials, items and services needed to execute the cylinder management activities. The cylinder yards are listed in **Section J, Attachment J-7, PPPO Facilities Responsibility Matrixes (for Landlord and Selected Services)**.

C.5.6.1 Cylinder Surveillance & Maintenance (S&M)

The Contractor shall perform S&M on cylinders listed in the CID, and the UOx filled cylinders. The Contractor shall submit a **Cylinder S&M Plan** within 60 days after NTP (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table A**). The Contractor shall submit an annual Cylinder S&M Plan Update (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). If the Contractor deems no updates are needed, the Contractor shall notify DOE in writing by the plan due date.

The Contractor Cylinder S&M Plan shall include the following programs:

- (a) Cylinder Surveillance,
- (b) Cylinder Maintenance, and
- (c) Cylinder Yards and Equipment S&M

The Contractor shall implement each of these programs in compliance with the Cylinder S&M Plan and the latest versions of the **Commonwealth of Kentucky Agreed Orders and State of Ohio Environmental Protection Agency DFF&O**.

The Contractor shall maintain records of cylinder and cylinder yard inspection and maintenance and shall provide these to DOE upon request. The Contractor's maintenance records system shall be configured to provide notice of when routine and preventive maintenance is required.

C.5.6.2 Cylinder Information Database Management (CID)

The CID contains cylinder defect characterization, contents, inspection status, S&M activities, and location for the cylinder inventory. The CID includes DUF6, LEU UF6, normal UF6, and heel and empty cylinders. The Contractor shall maintain and update the CID beginning on the date the Contractor assumes responsibility for cylinder management as designated by the CO at the end of the transition. The Contractor shall generate cylinder information or cylinder content reports as requested by DOE to support project and program requirements. The Contractor shall employ the CID to track and schedule all cylinder inspections. All inspection data shall be uploaded to the CID. The Contractor shall control the integrity of the CID through use of a CID software configuration management procedure. The Contractor shall maintain and update the **CID Configuration Management Procedure** as needed and shall submit the updated procedure (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). The Contractor shall have a database to track the inventory of cylinders containing UOx; this database shall include cylinder integrity inspection (specifically for U.S. Department of Transportation compliance), contents, inspection status, S&M activities, and location for the cylinder inventory.

C.5.6.3 Cylinder Delivery

The Contractor shall promptly, safely and compliantly deliver cylinders from the Cylinder Storage Yards to the UF6/DUF6 project facilities. Cylinder delivery shall support planned operations in the Project Facilities as described in **C.5**.

The Contractor shall safely and compliantly return uranium oxide-containing cylinders to the Cylinder Storage Yards, place them into storage, and manage them in accordance with the requirements of **C.5**.

The Contractor shall safely and compliantly transfer empty, heel or new cylinders between the Project Facilities and the Cylinder Storage Yards in support of planned conversion operations and shipping.

C.6 DUF6 PLANT IMPROVEMENT(S)/MODIFICATION

The Contractor shall develop and implement a single unified planning process for identifying, quantifying, and ranking improvement projects by funding source. This process should maintain an Integrated Project Priority List. Improvement projects are those projects that increase safety, reliability, maintainability, production rates or overall efficiency related to the DUF6 conversion facilities and cylinder yards. The Contractor shall submit the written **Improvement Planning Process** and implementing procedures (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**). Note that corrective repairs, system component replacement, regardless of cost will not be considered an improvement/modification. Minor improvement/modification tasks/activities of less than \$50,000 are considered as incidental and are to be baselined within maintenance/corrective repair/minor improvement task activity/budget consistent with historical practice.

The Contractor shall submit an annual report identifying process and safety improvement projects, including costs benefit analysis for proposed projects. (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) that includes a cost estimate and schedule. Potential modifications may be identified by either the Contractor or DOE for inclusion in the planning process and further evaluation.

C.6.1 DUF6 PLANT IMPROVEMENT/MODIFICATIONS

The Contractor shall maintain the DUF6 Plant Improvements budget established/reserved during the contract procurement cycle and incorporated into the CPB. The CPB shall include;

- (a) Known, proposed/projected modifications and improvements,
- (b) Allocated budget for planning packages, and
- (c) Documentation of the agreed upon planned modifications.

The CO may require a detailed submittal for specific plant modification(s) to establish cost, schedule and technical design for work packages that are converted into executable projects. DOE will base this request on the complexity and cost of the modification.

Additional Plant Improvements that exceed the initially planned amount within the overall DOE Budget Amount for Plant Improvements, or proposed by the Contractor, may also be necessary. For these, the CO may issue a Request for Proposal detailing the scope of the modification, estimated cost, schedule, and potential benefits.

The Contactor shall use an earned value method rather than level of effort in order to effectively track performance against the baseline WBS.

C.6.2 DUF6 SMALL PLANT IMPROVEMENTS/MODIFICATIONS

In order for the Contractor to maintain flexibility in implementing DUF6 small plant modifications, including any IT replacements/upgrades necessary for maintaining efficient operations of the plants for any small plant modification or improvement with a ROM of greater than \$50,000 and less than \$125,000 identified on the Integrated Project Priority List may be implemented by the Contractor without further DOE approval. The total of Small Plant Modification/Improvements shall be limited to 15% of the annual allocation for Plant Improvements as a whole, unless approved otherwise by DOE.

C.6.3 VALUE ENGINEERING

The Contractor shall use value engineering (VE) techniques in a tailored manner to reduce DOE's real property asset ownership costs (e.g., acquisition, operations, maintenance, and disposal) while maintaining the necessary level of performance and safety. For real property asset acquisition, disposition, demolition, repair, and recapitalization projects where the total value for a single item of purchase or contract is expected to be greater than \$5 million, the Contractor shall perform a VE assessment, which shall be provided to DOE for review and information (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**).

C.7 WASTE OPERATIONS

The Contractor shall operate storage and treatment areas and/or facilities and comply with all permits, orders, and regulatory requirements. The Contractor shall, to the extent possible, minimize the number of facilities used for waste storage and waste/materials in storage. Waste generated during the execution of this Contract may require treatment prior to final disposition.

Material declared waste shall be processed, packaged, and certified to meet the WAC at the federal disposal facility, or at another licensed low-level waste (LLW) repository. If the federal disposal facility is chosen for all or a portion of the material, the Contractor shall transport the material to that site and transfer the material, certified for disposal, to the operating contractor of the federal disposal facility. If another licensed LLW repository is chosen for all or a portion of the material, the Contractor shall be responsible for disposition actions. Disposal of wastes shall be performed in accordance with applicable local, state, and federal regulations.

Transuranic (TRU) wastes (as defined in **DOE Order 435.1**) are not anticipated to be generated from conversion operations; however, TRU wastes may be found in the remaining, non-volatile heels of some emptied cylinders. The existence of residual TRU wastes in empty cylinders does not preclude the refilling with UO_x . The cylinder must be of sound integrity to support both long term onsite storage and meet all requirements for transportation and disposition. A nearly empty cylinder with a TRU heel may result in an overall TRU concentration of greater than 100 nCi/g, which may need to be treated as TRU waste as defined by **DOE O 435.1**. The Contractor shall attain DOE approval prior to generating any TRU waste.

C.7.1 SELF-GENERATED WASTE

The Contractor shall manage all wastes generated consistent with the requirements of the **Section 3.2.10, Waste Management and Pollution Prevention Programs**. All waste created 90 days prior to the end of each contract period must be dispositioned. Waste costs will be budgeted and collected within the projects generating the waste, as designated in **Attachment J-12**.

C.7.2 PORTS SANITARY AND ISS WASTE (NON-DUF6 WASTE SUPPORT)

The Contractor shall maintain collection sites (e.g., dumpsters) for sanitary waste generated by all PORTS site entities. The Contractor shall transport the waste for disposition at a permitted facility.

In addition to responsibility for dispositioning sanitary waste, the Contractor is responsible for final characterization and disposal of all (non-sanitary) waste generated by the ISS Contractor.

C.7.3 PORTS LEGACY WASTE

The Contractor shall accept responsibility for and manage, maintain and disposition/dispose of Legacy waste located within PORTS storage facilities as shown in Table C.7.3. Table C.7.3 identifies the location, estimated legacy waste volume and specifies the actions required to be completed by the Contractor. The date for transfer to D&D Contractor for disposition is to be determined.

Table C.7.3 Legacy Waste Material

Facility	~ Number of Containers	Waste Type	Approx. Cubic Feet	Contractor Required Action
X-744G	398	Uranium Management Center Material. Characterization information is provided in Attachment J-8.C.7.3 Potentially Fissile	11,000	S&M and Disposition/Dispose off-site
X-744W	32	LLW	4,000	S&M pending transfer to D&D for disposition
X-747H	153	LLW – Mostly Sealand Containers	144,000	S&M pending transfer to D&D for disposition
X-752	80	LLW	20,500	S&M pending transfer to D&D for disposition

C.7.4 DUOX WASTE GENERATED AT DUF6 CONVERSION FACILITIES

The Contractor shall perform all activities necessary for the preparation, shipment and disposal of all DUOx and DUOx-like (e.g., mixture of oxide and debris/dry active waste) material. This excludes material that is;

- (a) Contained in DUOx cylinders, and
- (b) Not required for bed-loading material.

The Contractor shall submit a **Non-Cylinder Packaged DUOx Inventory Report** (see **Section J, Attachment J-4, Summary of Contract Deliverables, Table B**) of these materials. All inventories of these materials received at the AOO shall be dispositioned within one year. Any inventories generated by the Contractor shall be dispositioned within one year of generation, or by the end of the contracted period of performance, whichever comes first. The Contractor shall establish the maximum number of DUOx containers required to be maintained for bed-loading purposes and the material specification for the DUOx used for bed-loading. The Contractor shall disposition all DUOX/DUOx-like containers not meeting the material specification for bed-loading or is in excess of the amount of material required to seed conversion operations.

The Contractor is authorized to repackage DUOx into existing DUOx cylinders so long as the DUOx is emplaced no more than 30 days from being removed from its original container.

C.8 DISPOSITION OF UO, HEELED, AND EMPTY CYLINDERS

The Contractor shall develop a cylinder disposition strategy and submit a comprehensive **Cylinder Disposition Plan** for DOE approval. The Plan shall address all aspects to accomplish disposition of cylinders to include but not limited to detail development of actions, including but not limited to; infrastructure planning, and construction to support movement, loading and shipment; plans and procedure development/modification; agreements: permits; contracts, etc., to ensure the final disposition of the total inventory of cylinders.

The Contactor shall, when directed by DOE, execute the plan to load, ship and ensure disposition of Uranium Oxide, heel and empty Cylinders located at PORTS and PAD DUF6 Plants to approved disposition location(s) consistent with all requirements of this Contract.

The Contractor shall complete construction of the oxide shipping facilities at both Portsmouth and Paducah in accordance with the approved designs.

C.9 ADMINISTRATION OF PENSION AND BENEFIT PLANS

The Contractor shall sponsor and administer the DUF6 Pension Plan, United Steel Workers (USW) Career Pension Plans and all other existing benefit plans (including post-retirement medical) for eligible employees in accordance with the terms and conditions in Section H and the respective plan documents.

Costs for benefit plans shall be reimbursable in accordance with **H.5, DOE-H-2000 Employee Compensation: Pay and Benefits (Oct 2017)(Revised)**. Administration costs may include purchased services, fees/premiums, and contributions associated with the management of the benefit programs and pension plans.

C.10 ADDITIONAL ASSIGNMENTS

DOE may choose to order additional work that falls within the scope of this Contract, but is not currently specified in the requirements. Dependent upon cost, schedule, and complexity, DOE may wish to pursue a cost-reimbursable or firm fixed-price task order. Such work, tasks, and activities may also include, but are not limited to, the following general areas of the Contract:

- (a) Facilities maintenance, alterations, and capitalization (construction);
- (b) Asset maintenance, alteration(s), and construction;
- (c) IT equipment, infrastructure support, and upgrades for increased capabilities;
- (d) Engineering support;
- (e) Disposition of additional project by-products/waste;
- (f) Depleted uranium tetrafluoride (DUF4) activities; and
- (g) Processing and disposition of PCB coated cylinders.

If IDIQ work requires additional positions and/or tasks, DOE and the Contractor may negotiate the additional associated rates. IDIQ work will be ordered by DOE under Task Orders issued pursuant to **B.2, Type of Contract, under (c)(3), IDIQ CLINs**. The period of performance will be specified in each task order. Performance standards for IDIQ work will be established in the task order when the work is ordered by the CO.

PART I – THE SCHEDULE

SECTION D

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D.1 DOE-D-2001 Packaging and Marking (OCT 2014) (Revised)

- (a) Preservation, packaging, and marking for shipment, and mailing of all work delivered hereunder shall be in accordance with good commercial practices and adequate to insure acceptance by common carrier and safe transportation at the most economical rate(s), including electronic means.
- (b) Each package, report, or other deliverable shall be accompanied by a letter or other document which:
 - (1) Identifies the contract by number pursuant to which the item is being delivered;
 - (2) Identifies the deliverable item number or report requirement which requires the delivered item(s);
 - (3) For reoccurring deliverables, e.g., quarterly, semi-annual, the subject line shall incorporate the year/quarter/month of the deliverable as applicable; and
 - (4) Indicates whether the Contractor considers the delivered item to be a partial or full satisfaction of the requirement.
- (c) For any package, report, or other deliverable being delivered to a party other than the Contracting Officer (CO), a copy of the document required by paragraph (b) shall be simultaneously delivered to the office administering this Contract, as identified in Section G of the contract, or if none, to the CO.

D.2 Security Requirements

The Contractor shall comply with the security requirements for packaging, marking, mailing, and shipping classified materials (if any) as prescribed by applicable U.S. Department of Energy (DOE) safeguards and security directives.

PART I – THE SCHEDULE

SECTION E

INSPECTION AND ACCEPTANCE

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E.1 Clauses Incorporated by Reference – Section E

Clauses at the beginning of this Section are incorporated by reference, with the same force and effect as if they were given in full text. Clauses incorporated by reference which require a fill-in by the Government include the text of the affected paragraph(s) only. This does not limit the clause to the affected paragraph(s). The Contractor is responsible for understanding and complying with the entire clause. The full text of the clause is available in I.1, FAR 52.252-2, *Clauses Incorporated by Reference*, of this Contract.

Clause Number	FAR Reference	Title	Fill-In Information; See FAR 52.104(d)
E.1.1	FAR 52.246-2	Inspection of Supplies – Fixed-Price (Aug 1996) (Applies to FFP Task Orders only)	
E.1.2	FAR 52.246-3	Inspection of Supplies – Cost-Reimbursement (May 2001)	
E.1.3	FAR 52.246-4	Inspection of Services – Fixed-Price (Aug 1996) (Applies to FFP Task Orders only) (IDIQ CLINs)	
E.1.4	FAR 52.246-5	Inspection of Services – Cost-Reimbursement (Apr 1984)	
E.1.5	FAR 52.246-11	Higher-Level Contract Quality Requirement (Dec 2014)	See paragraph (a) below.
E.1.6	FAR 52.246-12	Inspection of Construction (Aug 1996) (Applies to FFP construction work only) (IDIQ CLINs)	
E.1.7	FAR 52.246-13	Inspection – Dismantling, Demolition, or Removal of Improvements (Aug 1996)	
E.1.8	FAR 52.246-16	Responsibility for Supplies (Apr 1984)	
CR = Cost Reimbursement		FAR = Federal Acquisition Regulation	
FFP = Firm-Fixed-Price			

(a) The Contractor shall comply with the higher-level quality standard(s) listed below.

Quality Assurance Program (QAP) compliant with DOE O 414.1, *Quality Assurance*, for all facilities and activities. Additionally, nonreactor nuclear facilities (as defined in 10 CFR 830, *Nuclear Safety Management*, Section 830.3, *Definitions*) must be compliant with 10 CFR 830, *Nuclear Safety Management*, Subpart A, *Quality Assurance Requirements*. The Contractor shall utilize the Contractor Assurance System (CAS) per DOE O 226.1, *Implementation of Department of Energy Oversight Policy*, to monitor and evaluate all work performed under this Contract, including the work of subcontractors, to ensure work performance meets the applicable requirements for environment, safety, and health, including quality assurance and integrated safety management; safeguards and security; cyber security; and emergency management.

The QAP must describe how the quality assurance criteria from DOE O 414.1, 10 CFR 830, Subpart A, and the Quality Assurance Requirements and Description (QARD) (as applicable) are satisfied. The Contractor shall use voluntary consensus standards in the development and implementation of the QAP, where practicable and consistent with contractual and regulatory requirements. Where appropriate, the Contractor must use a graded approach to implement the QAP that is commensurate

with hazards, lifecycle of facilities and other risks. The basis of the graded approach utilized shall be documented and submitted to DOE for approval.

(1) For Hazard Category 1, 2, and 3 nuclear facilities:

(i) Existing facilities, or new facilities and major modifications to existing facilities achieving Critical Decision 1 (CD-1) prior to May 8, 2013, may continue to use the consensus standard cited in the DOE-approved QAP.

(ii) American Society of Mechanical Engineers (ASME) NQA-1-2008, Quality Assurance Requirements for Nuclear Facility Applications, with the NQA-1a-2009, Quality Assurance Requirements for Nuclear Facility Applications Addenda 1a (or a later edition), Quality Assurance Requirements for Nuclear Facility Applications, Part I and applicable requirements of Part II.

(iii) Note: Where NQA-1, Part II language uses the terms “nuclear power plant” or “nuclear reactor”, these terms are considered equivalent to the term “nuclear facility.”

(iv) Consensus standard(s) that provide an adequate level of quality assurance and meet the intent of paragraphs (ii) above may be used. The QAP must document how the selected consensus standard is (or a set of consensus standards are) used, as well as how the selected consensus standard(s) is appropriate.

(2) For other activities and facilities (e.g., less than hazard category 3, non-nuclear, or chemically hazardous), the Contractor shall use, in whole or in part, appropriate standards. Examples of appropriate standards include:

(i) ASME NQA 1-2008 with the NQA-1a 2009 addenda (or later edition), Quality Assurance Requirements for Nuclear Facility Applications, Part I and applicable requirements of Part II;

(ii) ASME NQA 1-2000, Quality Assurance Requirements for Nuclear Facility Applications, Part I and applicable requirements of Part II;

(iii) ANSI/ISO/ASQ Q9001-2008 (or later edition), Quality Management System: Requirements; and

(iv) ANSI/ASQ Z 1.13-1999 (or later edition), Quality Guidelines for Research.

E.2 DOE-E-2001 Inspection and Acceptance (Oct 2014)

Inspection and acceptance of all items under this Contract shall be accomplished by the Contracting Officer in accordance with the clauses listed in this Section. If the Contracting Officer assigns this responsibility to the Contracting Officer's Representative or another representative of the Government, the Contracting Officer shall notify the Contractor in writing.

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SECTION F

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F.1 Clauses Incorporated by Reference – Section F

Clauses at the beginning of this Section are incorporated by reference, with the same force and effect as if they were given in full text. Clauses incorporated by reference which require a fill-in by the Government include the text of the affected paragraph(s) only. This does not limit the clause to the affected paragraph(s). The Contractor is responsible for understanding and complying with the entire clause. The full text of the clause is available in I.1, FAR 52.252-2, *Clauses Incorporated by Reference*, of this Contract.

Clause Number	FAR Reference	Title	Fill-In Information; See FAR 52.104(d)
F.1.1	52.242-14	Suspension of Work (Apr 1984) (Applies to FFP construction work only) (IDIQ CLINs)	
F.1.2	52.242-15	Stop-Work Order (Aug 1989)	
F.1.3	52.242-15	Stop-Work Order (Aug 1989) - Alternate I (Apr 1984)	
F.1.4	52.242-17	Government Delay of Work (Apr 1984) (Applies to FFP Task Orders only)	
CR = Cost-Reimbursement		FAR = Federal Acquisition Regulation	

F.2 DOE-F-2002 Place of Performance – Services (Oct 2014)

The services specified by this Contract shall be performed at the following locations(s):

The United States Department of Energy Portsmouth/Paducah Project Office in Lexington, KY, the Portsmouth Site in Piketon, OH, the Paducah Site in Paducah, KY, and other facilities as directed by the Contracting Officer or the Portsmouth Paducah Project Office Manager.

F.3 DOE-F-2003 - Period of Performance – (Alt I) (Alt II) (Oct 2014)

(a) Definitions

- (1) “Contract Award Date” means the date the contract is signed by the CO, noted in Block 28 of the Standard Form 33, Solicitation Offer, and Award.
- (2) “Contract Transition Period” means the 120-day Transition.
- (3) “Notice to Proceed (NTP)” means the authorization issued by the CO in writing to start performance for Transition.

(b) The Contractor shall commence performance of this contract in accordance with the contract terms and conditions on June 2, 2025, and continue through September 30, 2030. Period of performance for specific Contract Line Item Numbers will be accomplished in accordance with the schedule shown below:

Table F-1. Periods of Performance

Period	Start	End
Transition CLIN (120 days)	June 2, 2025	September 30, 2025
Base Period (60 months) CLINs	October 1, 2025	September 30, 2030
Option Period 1 (36 months) CLINs (if exercised)	October 1, 2030	September 30, 2033

Option Period 2 (24 months) CLINs (if exercised)	October 1, 2033	September 30, 2035

CLIN = Contract Line Item Number TBD

– To be determined

(c) The period of performance of this contract may be extended pursuant to unilateral options or other clauses that provide for the extension of the contract. In the event that the Government elects to exercise its right pursuant to such option(s) or other clauses, the period of performance shall be revised to reflect such extensions.

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SECTION G

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G.1 DOE-G-2001 CONTRACTING OFFICER AUTHORITY (OCT 2014) (Revised)

The Contracting Officer is responsible for administration of the contract. The Contracting Officer may appoint a Contracting Officer's Representative (COR), in accordance with the clause entitled, Contracting Officer's Representative, to perform specifically delegated functions. The Contracting Officer is the only individual who has the authority on behalf of the Government, among other things, to take the following actions under the contract:

- (a) Assign additional work within the general scope of the contract.
- (b) Issue a change in accordance with the clause entitled, Changes.
- (c) Change the cost or price of the contract.
- (d) Change any of the terms, conditions, specifications, or services required by the contract.
- (e) Accept non-conforming work.
- (f) Waive any requirement of the contract.
- (g) Issue Task Orders (for IDIQ CLINs).

G.2 DOE-G-2002 CONTRACTING OFFICER'S REPRESENTATIVE (OCT 2014)

Pursuant to the clause at DEAR 952.242-70 entitled, *Technical Direction*, the Contracting Officer shall designate in writing a Contracting Officer's Representative (COR) for this contract, and provide a copy of such designation to the Contractor, including the delegated responsibilities and functions. The COR does not have authority to perform those functions reserved exclusively for the Contracting Officer.

G.3 DOE-G-2003 CONTRACTOR'S PROGRAM MANAGER (OCT 2014)

- (a) The Contractor shall designate a Program Manager who will be the Contractor's authorized supervisor for technical and administrative performance of all work hereunder. The Program Manager shall be the primary point of contact between the Contractor and the Contracting Officer's Representative (COR) under this contract.
- (b) The Program Manager shall receive and execute, on behalf of the Contractor, such technical directions as the COR may issue within the terms and conditions of the contract.

G.4 DOE-G-2004 CONTRACT ADMINISTRATION (OCT 2014)

To promote timely and effective contract administration, correspondence delivered to the Government under this contract shall reference the contract number, title, and subject matter, and shall be subject to the following procedures:

- (a) Technical correspondence. Technical correspondence shall be addressed to the Contracting Officer's Representative (COR) for this contract, and a copy of any such correspondence shall be sent to the DOE Contracting Officer. As used herein, technical correspondence does not include correspondence where patent or rights in data issues are involved, nor technical correspondence which proposes or involves waivers, deviations, or modifications to the requirements, terms or conditions of this contract.
- (b) Other Correspondence.
 - (1) Correspondence regarding patent or rights in data issues should be sent to the Intellectual Property Counsel. A copy of such correspondence shall be provided to the CO.

- (2) If no Government Contract Administration Office is designated on Standard Form 33 (Block 24) or Standard Form 26 (Block 6), all correspondence, other than technical correspondence and correspondence regarding patent of rights in data, including correspondence regarding waivers, deviations, or modifications to requirements, terms or conditions of the contract, shall be addressed to the CO. Copies of all such correspondence shall be provided to the COR.
- (3) Where a Government Contract Administration Office, other than DOE, is designated on either Standard Form 33 (Block 24), or Standard Form 26 (Block 6), of this contract, all correspondence, other than technical correspondence, shall be addressed to the Government Contract Administration Office so designated, with copies of the correspondence to the CO and the COR.

(c) Information regarding correspondence addresses and contact information is as follows:

- (1) Contracting Officer
Name: Stephen D'Antoni
Telephone number: (740) 897-3629
Cell Phone Number: (740) 648-6049
U.S. Department of Energy
Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200
Lexington, KY 40513
Email address: stephen.dantoni@pppo.gov
- (2) Contracting Officer's Representative
Name: Zak Lafontaine
Telephone number: (740) 897-2855
Cell Phone Number: (740) 656-6380
Address: U.S. Department of Energy
Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200
Lexington, KY 40513
Email address: Zachary.lafontaine@pppo.gov
- (3) Alternate Contracting Officer's Representatives
Name: Tracey Duncan
Telephone number: (270) 441-6862
Cell Phone Number: (270) 217-2046
Address: U.S. Department of Energy
Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200
Lexington, KY 40513
Email address: tracey.duncan@pppo.gov

Name: Chris Richards
Telephone number: (270) 441-6807
Cell Phone Number: (270) 217-1584
Address: U.S. Department of Energy
Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200

Lexington, KY 40513
Email address: Christopher.richards@pppo.gov

- (4) Government Contract Administration Office
United States Department of Energy
Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200
Lexington, KY 40513

G.5 DOE-G-2005 Billing Instructions (Mar 2019) (Revised) (For Firm-Fixed-Price Task Orders under IDIQ CLINs)

- (a) Contractors shall use Standard Form 1034, Public Voucher for Purchases and Services Other than Personal, when requesting payment for work performed under each Task Order issued under the Master Indefinite Delivery/Indefinite Quantity (IDIQ) contract. All invoices shall be supported by a billing schedule summarized by funding source.
- (b) Contractors shall submit vouchers electronically through the DOE Vendor Invoicing Portal and Electronic Reporting System (VIPERS). VIPERS allows vendors to submit vouchers, attach supporting documentation and check the payment status of any voucher submitted to the DOE. Instructions concerning contractor enrollment and use of VIPERS can be found at <https://vipers.doe.gov>.
- (c) A paper copy of a voucher that has been submitted electronically will not be accepted.

G.6 DOE-G-2005 BILLING INSTRUCTIONS – ALTERNATE I (MAR 2019) (Revised)

- (a) Contractors shall use Standard Form 1034, Public Voucher for Purchases and Services Other than Personal, when requesting payment for work performed under the Contract. Vouchers for payment shall be submitted timely in accordance with FAR 52.216-7(a)(1), except for earned fee payments which shall be invoiced when earned and provisional fee which may be invoiced monthly for up to fifty percent (50%) of the available subjective fee pool for the applicable evaluation period. The Contracting Officer reserves the right to reduce the provisional billing percentage based on Contractor performance. The Contractor may also provisionally invoice for the achievement of Performance Based Incentives (PBIs) in accordance with the issued Performance Evaluation and Measurement Plan (PEMP). All invoices shall be supported by a billing schedule summarized by funding source.

The Contractor may submit invoices for fee upon completion of the Contract/task and/or receipt of the Contracting Officer's consent to submit the fee invoice. The Contractor shall notify the Contracting Officer of completion of each task (for IDIQ CLINs). DOE will review completion criteria in Task Orders to ensure required work is accomplished, and then authorize fee payments as appropriate. Upon receipt of an acceptable invoice for fee payment, the Contracting Officer will assess the need for further adjustments as provided for elsewhere in the contract and make best efforts to make payments within fourteen (14) calendar days but not later than thirty (30) calendar days after the Contractor submits the acceptable fee invoice.

- (b) Contractors shall submit vouchers electronically through the DOE VIPERS. VIPERS allows vendors to submit vouchers, attach supporting documentation, and check the payment status of any voucher submitted to the DOE. Instructions concerning contractor enrollment and use of VIPERS can be found at <https://vipers.doe.gov>.

- (c) A paper copy of a voucher that has been submitted electronically will not be accepted.
- (d) The voucher must include a statement of cost and supporting documentation for services rendered. This statement should include, as a minimum, a breakout by cost or price element and Task Order (if applicable) of all services actually provided by the Contractor, both for the current billing period and cumulatively for the entire contract.
- (1) Statement of Cost. The Contractor shall prepare and submit a Statement of Cost with each voucher in accordance with the following:
 - (A) Statement of Cost must be completed and consistent with data in the Contractor's cost accounting system.
 - (B) Costs claimed must be only those recorded costs authorized for billing by the payment provisions of the contract.
 - (C) Indirect costs claimed must reflect the rates approved for billing purposes by the Contracting Officer.
 - (D) The Direct Productive Labor Hours (DPLH) incurred during the current billing period must be shown, and the DPLH summary completed, if applicable.
 - (E) The total fee billed, retainage amount, and available fee must be shown.
 - (F) If task orders or task assignments are issued under this contract, the Contractor must prepare a Statement of Cost for each task order work assignment and a summary for the total invoiced cost.
 - (G) Costs claimed must be summarized and broken out by cost element (e.g., Labor, Subcontracts, Other Direct Costs, etc.).
 - (H) Statement of Cost must show total amounts by current billing period, fiscal year to-date, and cumulative contract-to-date to facilitate reconciliation of invoiced costs.
 - (I) Statement of Cost must include a summary of costs by DOE Program Code, Object Class, Strategic Partnership Project (formerly known as Work for Others), Local Use number, and any other applicable/necessary funding source or accounting information.
 - (J) Detailed invoice transactions must be provided in Microsoft Excel® format as a supplemental file including labor hours from the timekeeping system, purchase card transactions, subcontract costs, etc. The detailed invoice transaction data in Excel® format shall include sufficient data fields and detail as deemed necessary by DOE to enable sorting, analyzing, and testing of invoiced costs.
 - (2) The Contractor shall prepare and submit the supporting documentation with each voucher in accordance with the following:
 - (A) Direct costs (e.g., labor, equipment, travel, supplies, etc.) claimed for reimbursement on the Statement of Cost must be adequately supported. The level of detail provided must clearly indicate where the funds were expended. For example, support for labor costs must include the labor category (e.g., program manager, senior engineer, technician, etc.), the hourly rate, the labor cost per category, and any claimed overtime; equipment costs must be supported by a list of the equipment purchased, along with the item's cost; supporting data for travel must include the destination of

the trip, number and labor category of travelers, transportation costs, per diem costs, and purpose of the trip; and supplies should be categorized by the nature of the items (e.g., office, lab, computer, etc.) and the dollar amount per category.

- (B) Any cost sharing or in-kind contributions incurred by the Contractor and/or third party during the billing period must be included.
- (C) Indirect rates used for billings must be clearly indicated, as well as their basis of application. When the cognizant Contracting Officer, Administrative Contracting Officer, or auditor approves a change in the billing rates, include a copy of the approval.
- (D) All claimed subcontractor costs must be supported by submitting the same detail as outlined herein.

G.7 INVOICE/PAYMENT PROCEDURES

- (a) The Government will make best efforts to make interim payments to the Contractor by electronic funds transfer within fourteen (14) calendar days but not later than thirty (30) calendar days after receipt of an acceptable invoice from the Contractor.
- (b) The Contractor may submit cost invoices not more often than once every two weeks. Fee invoices will be submitted in accordance with **Section G.5 Clause entitled, *DOE-G-2005 Billing Instructions – Alternate I***.
- (c) Any defects in invoices which are discovered after interim payment shall be corrected on subsequent invoices. If the Government discovers such defects, the Contracting Officer will notify the Contractor in writing. The Contracting Officer's written notification will explain the nature of the defect and will direct the Contractor to reflect the appropriate credit on the next invoice submitted under this Contract. Unless the Contractor reconciles the defect to the satisfaction of the Contracting Officer within seven (7) calendar days, the Contractor shall make the credit as previously directed by the Contracting Officer.
- (d) Any bases for withholding, set-off, or reduction with respect to invoices which are discovered after interim payment will be corrected on subsequent invoices. If the Government discovers such bases for withholding, set-off, or reduction, the Contracting Officer will notify the Contractor in writing. The Contracting Officer's written notification will explain the nature of the bases for withholding, set-off, or reduction, will specify the dollar amount of the withholding, set-off, or reduction and will direct the Contractor to reflect the appropriate credit on the next invoice submitted under this contract. Unless the Contractor reconciles the bases for withholding, set-off, or reduction to the satisfaction of the Contracting Officer within seven (7) calendar days, the Contractor shall make the credit as previously directed by the Contracting Officer.
- (e) Nothing in this clause shall affect the rights of either the Government or the Contractor under the Section I Prompt Payment clauses of this contract. The Government is not limited to fourteen (14) calendar days to notify the Contractor of a defective invoice, and may notify and/or initiate withholding, set-off, or reduction until final payment to the Contractor.

G.8 DOE-G-2007 CONTRACTOR PERFORMANCE ASSESSMENT REPORTING (JUL 2018)

- (a) The Contracting Officer will document the Contractor's performance under this Contract (including any Task Orders placed against it, if applicable) by using the Contractor Performance Assessment Reporting System (CPARS). CPARS information is handled as "Source Selection Information," available to authorized Government personnel seeking past performance information when evaluating proposals for award.
- (b) Contractor performance will be evaluated at least annually at the Contract or Task-Order level, as determined by the Contracting Officer. Evaluation categories may include any or all of the following at the Government's discretion: (1) technical/quality, (2) cost control, (3) schedule, (4) management or business relations, and (5) small business subcontracting. Past performance information is available at <http://www.cpars.gov>. It is recommended that the Contractor take the overview training found on the CPARS website. The Contractor shall acknowledge receipt of the Government's request for comments on CPARS assessments at the time it is received and shall respond to such requests within fourteen (14) calendar days of the request.
- (c) Joint Ventures. Performance assessments shall be prepared on contracts with joint ventures. When the joint venture has a unique Commercial and Government Entity (CAGE) code, Data Universal Numbering System (DUNS) number, and a Unique Entity Identifier (UEI), a single assessment will be prepared for the joint venture using its CAGE code, DUNS number, and UEI. If the joint venture does not have a unique CAGE code, DUNS number, and UEI, separate assessments, containing identical narrative, will be prepared for each participating contractor and will state that the evaluation is based on performance under a joint venture and will identify the contractors that were part of the joint venture.
- (d) In addition to the performance assessments addressed above, the Government will perform other performance assessments necessary for administration of the Contract in accordance with other applicable clauses in this contract.

G.9 DOE-G-2008 NON-SUPERVISION OF CONTRACTOR EMPLOYEES (OCT 2014)

The Government shall not exercise any supervision or control over Contractor employees performing services under this Contract. The Contractor's employees shall be held accountable solely to the Contractor's management, who in turn is responsible for contract performance to the Government.

Part I – The Schedule
Section H
Special Contract Requirements

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H.1 DOE-H-2013 Consecutive Numbering (Oct 2014)

Due to automated procedures employed in formulating this document, clauses and provisions contained within may not always be consecutively numbered.

Contractor Human Resource Management (CHRM) Clauses

H.2 DOE-H-2002 No Third Party Beneficiaries (Oct 2014)

This Contract is for the exclusive benefit and convenience of the parties hereto. Nothing contained herein shall be construed as granting, vesting, creating, or conferring any right of action or any other right or benefit upon past, present, or future employees of the Contractor, or upon any other third party. This provision is not intended to limit or impair the rights which any person may have under applicable Federal statutes.

H.3 Definitions

For purposes of H Clauses entitled *Workforce Transition and Employee Hiring Preferences Including through Period of Performance; DOE-H-2001, Employee Compensation: Pay and Benefits; Special Provisions Applicable to Workforce Transition and Employee Compensation: Pay and Benefits; and Workforce Transition and Benefits Transition: Plans and Timeframes*; the following definitions are applicable (unless otherwise specified):

- (a) "Contract Award Date" means the date the contract is signed by the Contracting Officer (CO), noted in Block 28 of the SF 33, *Solicitation, Offer and Award*.
- (b) "Contract Effective Date" means the date noted in Block 3 of the SF 33, or as otherwise stated in the Contract or Contract Award Document.
- (c) "Contract Transition Period" means the transition period as defined in Section F of this Contract.
- (d) "Incumbent Contractor(s)" means Mid-America Conversion Services, LLC (MCS) performing work under Contract DE-EM0004559, Fluor BWXT Portsmouth, LLC (FBP) performing work under Contract DE-AC30-10CC40017, Four Rivers Nuclear Partnership, LLC (FRNP) performing work under Contract DE-EM0004895, Swift and Staley, Inc. (SST) performing work under Contract DE-EM0003733 (or successor thereto) and North Wind Dynamics, LLC (NWD) performing work under Contract 89303321DEM000065.
- (e) "Grandfathered Employees" means those employees who participate in the DUF6 Pension Plan for Grandfathered Employees or the Oak Ridge Reservation Cleanup Contract (ORRCC) (formerly East Tennessee Technology Park) Pension Plan for Grandfathered Employees (ORRCC MEPP) and other existing benefit plans sponsored by the Incumbent Contractors, and applicable law.
- (f) "Appendix A Employees" means those employees who participate in the USW Career Pension Plans and Health Reimbursement Account (HRA) Plans (Portsmouth or Paducah) sponsored by the Incumbent Contractors, consistent with applicable law.
- (g) "Portsmouth Incumbent Employees" means employees who are regular employees of any of the Portsmouth Incumbent Contractors who at time of award of this Contract or upon effective date of the transition of work to this Contract are performing any of the work scope that transitions to this Contract, to include Grandfathered Employees and Appendix A Employees.

- (h) “Paducah Incumbent Employees” means employees who are regular employees of any of the Paducah Incumbent Contractors who at time of award of this Contract or upon effective date of the transition of work to this Contract are performing any of the work scope that transitions to this Contract, to include Grandfathered Employees and Appendix A Employees.
- (i) “Non-Incumbent Employees” means new hires, i.e., employees other than Portsmouth or Paducah Incumbent Employees, who are hired by the Contractor after the effective date of the contract transition Notice to Proceed.
- (j) “Notice to Proceed (NTP)” means the authorization issued by the Contracting Officer for the Contractor to start incoming transition performance of this Contract as referenced in CHRM clauses H.4 through H.8.

H.4 Workforce Transition and Employee Hiring Preferences Including through Period of Performance

The Contractor and its subcontractors shall maintain and develop trained and qualified personnel to perform the work scope included in Section C, consistent with applicable law, and the terms of this Contract, including the paragraphs set forth below. Means of maintaining and developing a trained and qualified workforce may include, but are not limited to, the utilization of apprentices, interns, veterans, and summer hires.

The Contractor shall comply with the hiring preferences set forth below:

- (a) The Contractor shall comply with the right of first refusal for employment for service employees and all requirements set forth in Executive Order 14055 “Nondisplacement of Qualified Workers Under Service Contracts,” Section 3, for the applicable work and positions. If a qualified service employee declines a bona fide express offer of employment, the Contractor need not provide the preference in hiring in paragraphs (b) or (c)(1) through (c)(3) below to such employee but should provide the preference in paragraph (c)(4) below, as applicable.
- (b) The Contractor shall provide Portsmouth and Paducah Incumbent Employees during the transition period and throughout the contract ordering period, and subsequent Task Order(s) period of performance extending beyond the contract ordering period, preferences in hiring for vacancies at the Portsmouth Gaseous Diffusion Plant (Portsmouth site) or Paducah Gaseous Diffusion Plant (Paducah site) for non-managerial positions (i.e., all those below the first line of supervision) in accordance with the hiring preferences in paragraphs (1) and (2) below, in descending order of priority, and in accordance with applicable law, any applicable collective-bargaining agreement(s), and any applicable site seniority list(s) as provided to the Contractor by the Contracting Officer, as set forth below:
 - (1) The Contractor shall provide Portsmouth and Paducah Incumbent Employees the preferences in paragraphs (i), (ii), and (iii) in descending order of priority at each respective site based on the current location of the Portsmouth or Paducah Incumbent Employees.
 - (i) A preference in hiring for vacancies in non-managerial positions that are substantially equivalent to the position each respective Incumbent Employee held on the effective date of the contract transition Notice to Proceed.
 - (ii) A preference in hiring for vacancies in non-managerial positions for Portsmouth and Paducah Incumbent Employees not hired into a substantially equivalent position in (1), but who meet the qualifications for another position at the same facility site as previously employed.

- (iii) A preference in hiring for who may not meet the qualifications for a particular position, but who agree to become qualified and can become qualified by the commencement of active employment under this Contract with the training provided pursuant to Clause H.6(c)(4).
- (2) The Contractor shall give a preference in hiring to individuals who, as former employees of the Incumbent Contractor(s) are entitled to recall rights consistent with any applicable collective bargaining agreement(s) at the Portsmouth and Paducah sites.
- (c) The Contractor shall provide, throughout the period of performance, preferences in hiring for vacancies for non-managerial positions (i.e., all those below the first line of supervision), in accordance with the hiring preferences in paragraphs (1)–(4) below, in descending order of priority.
 - (1) Consistent with any applicable collective bargaining agreement(s) and site seniority lists at Portsmouth or Paducah Gaseous Diffusion sites, the Contractor shall give a preference in hiring to individuals who are former employees of the Incumbent Contractors, and who are entitled to recall rights based on their former site of employment.
 - (2) The Contractor shall give a preference in hiring to individuals set forth below in paragraphs (i) and (ii), in descending order of priority, who are eligible for the hiring preference contained in Section I of this Contract entitled “DEAR 952.226-74, Displaced Employee Hiring Preference,” consistent with the provisions of any applicable Workforce Restructuring Plan and Departmental guidance on workforce restructuring, as amended from time to time, regarding the preferential hiring of former employees:
 - (i) Former employees of the Incumbent Contractors or any other DOE contractor [or teaming subcontractor of a DOE contractor] at Portsmouth or Paducah Gaseous Diffusion sites.
 - (ii) Former employees of other DOE contractor(s) or subcontractor(s) at a DOE defense nuclear facility eligible for the hiring preference.
 - (3) The Contractor shall give a preference in hiring to individuals who (A) were formerly employed at Portsmouth or Paducah Gaseous Diffusion sites; (B) were involuntarily separated (other than for cause) from their employment at Portsmouth or Paducah Gaseous Diffusion sites who are not precluded from seeking employment at the Portsmouth or Paducah Gaseous Diffusion sites by the terms of employee waivers or releases of claims they executed, absent repayment of severance consistent with the terms of those agreements; and (C) are qualified for the position or who are not qualified for a particular position, but who agree to become qualified and can become qualified by the commencement of active employment under this Contract with the training provided pursuant to Clause H.6(c)(4).
 - (4) The Contractor shall give a preference in hiring to individuals (A) who have separated from employment at the Portsmouth or Paducah Gaseous Diffusion sites for any reason other than for cause; (B) who are not precluded from seeking employment with a DOE or National Nuclear Security Administration (NNSA) contractor by the terms of employee waivers or releases of claims they executed, absent repayment of severance consistent with the terms of those agreements; and (C) who are qualified for a particular position.

H.5 DOE-H-2001 Employee Compensation: Pay and Benefits (May 2025) (Revised)

(a) Total Compensation System

The Contractor shall develop, implement and maintain formal policies, practices and procedures to be used in the administration of its compensation system consistent with FAR 31.205-6 and DEAR 970.3102-506 “*Compensation for Personal Services.*” Additionally, DOE-approved standards (e.g., set forth in an advance understanding or appendix), if any, shall be applied to the Total Compensation System.

The Contractor’s Total Compensation System shall be fully documented, consistently applied, and acceptable to the Contracting Officer. Periodic appraisals of contractor performance with respect to the Contractor’s Total Compensation System may be conducted, as required by the Contracting Officer.

Compensation costs will be audited annually as part of the annual indirect cost rate proposal audit (synonymous with an incurred cost proposal audit). The audit will be used to establish final allowable costs for the reportable fiscal year. The Contractor is required to submit an adequate annual final indirect cost rate proposal in accordance with DEAR 970.5216-7, as found in [Policy Flash 2022-23](#). The annual incurred cost rate proposal will be initially reviewed for adequacy and then audited. Included in the scope of the audit are direct and indirect compensation costs (e.g., salaries, health benefits, pensions, etc.). Failure to adequately support the incurred costs may result in the claimed costs being disallowed in part or in its entirety.

(b) Compensation and Benefits Report

The Contractor shall provide the Contracting Officer an Annual Compensation and Benefits Report no later than March 15th of each year.

(c) Cash Compensation

- (1) The Contracting Officer’s approval of individual compensation actions for a determination of cost allowability for reimbursement will be required for the top Contractor official (e.g., laboratory director/plant manager or equivalent) upon initial Contract award and any time changes are made to the top Contractor official’s salary.

For all Key Personnel, other than the top Contractor official, the Contracting Officer will approve salaries for allowability:

- (i) Upon the initial Contract award,
- (ii) When Key Personnel are replaced during the life of the Contract and;
- (iii) Any time changes are made to the salaries of those Key Personnel that are not direct hires of the Contractor

The base salary reimbursement level for the top contractor official establishes the maximum allowable base salary reimbursement under the Contract. Unusual circumstances may require a deviation for an individual on a case-by-case basis. DOE will have access to all individual salary reimbursements. This access is provided for transparency; DOE will not approve individual salary actions (except as previously stated). Any such deviations must be approved by the Contracting Officer.

- (2) Except as set forth in a workforce restructuring plan approved by DOE, severance pay is not payable to an employee under this Contract if the employee:

- (i) Voluntarily separates, resigns, or retires from employment,
 - (ii) Is offered employment with a successor/replacement contractor,
 - (iii) Is offered employment with a parent or affiliated company, or
 - (iv) Is discharged for cause.
- (3) Service Credit for purposes of determining severance pay does not include any period of prior service for which severance pay has been previously paid through a DOE cost-reimbursement contract or Task Order.
- (d) Pension and Other Postretirement Benefit Programs
 - (4) MEPP Eligible Employees shall remain in their existing pension plans (or comparable successor plans if continuation of the existing plans is not practicable), pursuant to pension plan eligibility requirements and applicable law.
 - (5) The Contractor shall submit for prior approval benefit changes that result in increases to the Department's long-term pension and other actuarial liabilities that are reported in the Department's financial statement. Examples of benefits changes that increase the Department's long-term liabilities include defined benefit pension plan changes and postretirement benefits other than pensions.
 - (6) Cost reimbursement for post-retirement benefits (PRBs) other than pensions is contingent on DOE approved service eligibility requirements for PRBs that shall be based on a minimum period of continuous employment service of not less than 5 years under a DOE cost reimbursement contract(s) immediately prior to retirement. To be allowable, PRB costs must comply with FAR 31.205-6(o)(2)(i) and be assigned to the period in which benefits are actually provided or are paid to an insurer, provider, or other recipient for current year benefits or premiums. Unless required by Federal or State law, advance funding of PRBs is not allowable.
 - (7) Each Contractor sponsoring a defined benefit pension plan and/or post-retirement benefit plan will participate in the annual plan management process which includes written responses to a questionnaire regarding plan management, providing forecasted estimates of future reimbursements in connection with the plan(s) and participating in a conference call to discuss the contractor submission (see (f)(4) below for Pension Management Plan requirements).
 - (8) Each Contractor will respond to quarterly data calls issued through iBenefits, or its successor system.
- (e) Establishment and Maintenance of Pension Plans for which DOE Reimburses Costs

Notwithstanding the requirement in (f)(1), employees working for the Contractor shall only accrue credit for service under this Contract after the date of Contract Award.
- (f) Basic Requirements

The Contractor shall adhere to the requirements set forth below in the establishment and administration of Defined Benefit pension plans that are reimbursed by DOE pursuant to cost reimbursement contracts for management and operation of DOE facilities and pursuant to other cost reimbursement facilities contracts.

 - (1) The Contractor shall become a sponsor of the existing pension and other benefit plans (or comparable successor plans), including other PRB plans, as applicable, with responsibility for management and administration of the plans. The Contractor shall be responsible for

maintaining the qualified status of those plans consistent with the requirements of Employee Retirement Income Security Act of 1974 (ERISA), and the Internal Revenue Code (IRC). The Contractor shall carry over the length of service credit and leave balances accrued as of the date of the Contractor's assumption of Contract performance.

- (2) For existing Commingled Plans, the Contractor shall maintain and provide annual Separate Accounting of DOE liabilities and assets for a Separate Plan.
- (3) For existing Commingled Plans, the Contractor shall be liable for any shortfall in the plan assets caused by funding or events unrelated to DOE contracts.
- (4) The Pension Management Plan (PMP) shall include a discussion of the Contractor's plans for management and administration of all pension plans consistent with the terms of this Contract. The PMP shall be submitted in the iBenefits system, or its successor system no later than February 15th of each applicable year. A full description of the necessary reporting will be provided in the annual management plan data request. If requested by the Contracting Officer, the Contractor representatives shall participate in a conference call to discuss the Contractor's PMP submission and any other current plan issues or concerns.
- (5) Benefits for Oak Ridge Reservation Cleanup Contract Pension Plan for Grandfathered Employees Eligible Employees

MEPP – The Contractor shall ensure that Oak Ridge Reservation Cleanup Contract Pension Plan for Grandfathered Employees Eligible Employees are allowed to participate in the Oak Ridge Reservation Cleanup Contract Pension Plan for Grandfathered Employees consistent with the terms of the provisions of the [insert MEPP name] as amended.

- (i) Any benefit programs established and/or maintained by the Contractor, for which DOE reimburses costs, shall meet the tests of allowability and reasonableness established by FAR 31-205-6 and DEAR 970.3102-506.
- (g) Reimbursement of Contractors for Contributions to Defined Benefit Pension Plans
 - (1) Contractors that sponsor single employer, multiple employer, or multiemployer defined benefit pension plans will be reimbursed for the annual required minimum contributions after fully applying any prefunding and carryover balances. Reimbursement above the annual minimum required contribution will require prior approval of the Contracting Officer. The Contractor requesting above the minimum shall submit/update a business case for funding above the minimum if preliminary approval is needed prior to the Pension Management Plan process. The business case shall include a projection of the annual minimum required contribution and the proposed contribution above the minimum. The submission of the business case will provide the opportunity for the Department to provide preliminary approval, within 30 days after contractor submission, pending receipt of final estimates, generally after January 1st of the calendar year. Final approval of funding will be communicated by the Head of Contracting Activity when discount rates are finalized and it is known whether there are any budget issues with the proposed contribution amount.

(h) Changes to Pension and PRB Plans

No presumption of allowability will exist when the Contractor makes changes to existing pension plans or PRB plans that impact the Department's long-term liability, and the Contractor has not provided the Contracting Officer the opportunity to review the allowability of the changes prior to implementation. The Contractor shall submit for prior approval changes that result in increases to

the Department's long-term pension and PRB liabilities that are reported in the Department's financial statement. Examples of changes that increase the Department's long-term liabilities include defined benefit pension plan changes and PRB plan changes. At least sixty (60) days prior to the adoption of any changes to a pension plan, the Contractor shall submit the information required below, to the Contracting Officer. The Contracting Officer must approve plan changes that increase costs to the Department's long-term liabilities as part of a determination as to whether the costs are deemed allowable pursuant to FAR 31.205-6, as supplemented by DEAR 970.3102-506.

- (1) For proposed changes to pension plans, the Contractor shall provide the following to the Contracting Officer:
 - (i) a copy of the current plan document (as conformed to show all prior plan amendments), with the proposed new amendment indicated in redline/strikeout;
 - (ii) an analysis of the impact of any proposed changes on actuarial accrued liabilities and costs;
 - (iii) except in circumstances where the Contracting Officer indicates that it is unnecessary, a legal explanation of the proposed changes from the counsel used by the plan for purposes of compliance with all legal requirements applicable to private sector defined benefit pension plans;
 - (iv) the Summary Plan Description; and,
 - (v) any such additional information as requested by the Contracting Officer.

(i) Terminating Operations

When operations at a designated DOE facility are terminated and no further work is to occur under the prime contract, the following apply:

- (1) No further benefits for service shall accrue.
- (2) The Contractor shall provide a determination statement in its settlement proposal, defining and identifying all liabilities and assets attributable to the DOE contract.
- (3) The Contractor shall base its pension liabilities attributable to DOE contract work on the market value of annuities or lump sum payments or dispose of such liabilities through a competitive purchase of annuities or lump sum payouts.
- (4) Assets shall be determined using the "accrual-basis market value" on the date of termination of operations.

(j) Terminating Plans

- (1) DOE Contractors shall not terminate any pension plan (Commingled or site specific) without requesting Departmental approval at least 60 days prior to the scheduled date of plan termination.
- (2) DOE liability to a Commingled pension plan shall not exceed that portion which corresponds to DOE contract service. The DOE shall have no other liability to the plan, to the plan sponsor, or to the plan participants.
- (3) After all liabilities of the plan are satisfied, the Contractor shall return to DOE an amount equaling the net asset reversion after any taxes from the plan termination and any earnings which accrue on that amount because of a delay in the payment to DOE. Such amount and such

earnings shall be subject to DOE audit. To effect the purposes of this paragraph, DOE and the Contractor may stipulate to a schedule of payments.

- (4) DOE and the Contractor(s) shall establish an effective date for spinoff or plan termination. On the same day as the Contractor notifies the IRS of the spinoff or plan termination, all plan assets assigned to a spun-off or terminating plan shall be placed in a low-risk liability matching portfolio until the successor trustee, or an insurance company, is able to assume stewardship of those assets.

(k) Definitions

- (1) Commingled Plans. Cover employees from the Contractor's private operations and its DOE contract work.
- (2) Separate Accounting. Account records established and maintained within a commingled plan for assets and liabilities attributable to DOE contract service. NOTE: The assets so represented are not for the exclusive benefit of any one group of plan participants.
- (3) Separate Plan. As defined by IRC Sec. 414(l), assets designated for the exclusive benefit of employees under DOE contract, exist under a separate plan document (having its own Department of Labor plan number) that is distinct from corporate plan documents and identify the Contractor as the plan sponsor.
- (4) Spun-off Plan. A new plan which satisfies IRC Reg. 1.414 (l)-1 requirements for a single plan and which is created by separating assets and liabilities from a larger original plan. The funding level of each individual participant's benefits shall be no less than before the event, when calculated on a plan termination basis.

H.6 Special Provisions Applicable To Workforce Transition and Employee Compensation: Pay and Benefits

- (a) Service Credit. The Contractor shall provide pension and other benefit plans to Portsmouth and Paducah Incumbent Employees and all other employees hired by the Contractor and service credit for leave as set forth below:
 - (1) Service Credit for Leave. For Portsmouth and Paducah Incumbent Employees hired by the Contractor at Portsmouth and Paducah as set forth in Clause H.3, *Definitions*, the Contractor shall carry over accrued leave balances and the length of service credit earned at the Portsmouth site while employed with other historical DOE Portsmouth prime contractors, or at the Paducah site while employed with other historical DOE Paducah prime contractors for purposes of determining rates of accruing leave for these employees as required by and consistent with applicable law and applicable collective bargaining agreements.

The Contractor shall carry over post transition employees accrued leave balances and the length of service credit for those Portsmouth and Paducah prime contractor employees who are identified to be at risk of lay off with no break in service.
 - (2) Service Credit for Fringe Benefits Other Than Leave. Service credit for all individuals hired by the Contractor shall be applied consistent with any applicable law, and the terms of the applicable benefit plan(s). Service credit for purposes of severance pay is subject to H.5, *DOE-H-2001 Employee Compensation: Pay and Benefits*.

- (b) Allowable Salary for Key Personnel. Within 20 days after the effective date of the contract transition Notice to Proceed, the Contractor shall submit EM Form 3220.5, *Application for Contractor Compensation Approval*, to the Contracting Officer for each key personnel position listed in the Contract for a determination of cost allowability for reimbursement under the Contract. To support a reasonableness determination, the contractor shall also provide compensation market survey data to support/justify the requested salary and any other information as requested by the Contracting Officer.
- (c) Annual Actuarial Valuations. Notwithstanding the above, the Contractor has responsibility for administering and maintaining the qualified status of all pension and other benefit plans that it sponsors under this Contract consistent with the plan documents. The Contractor shall submit to the Contracting Officer annual actuarial valuations for all applicable benefit plans as well as certify that the benefit plans are in full compliance with IRC and ERISA requirements. Such certification shall demonstrate that the benefit plans are qualified under the IRC. This valuation shall include but not be limited to written reports relating to how the benefit plans pass IRC discrimination, participation and coverage testing requirements. Each detailed annual written actuarial evaluation shall identify any conditions that may adversely affect the qualification status of the plans within eighteen months or less of the date of the evaluation, including but not limited to discrimination, participation and coverage testing requirements for the contractor and any of its subcontractors that are participating employers in the plans.
 - (1) Meeting Testing Requirements. With the approval of the Contracting Officer, the Contractor shall establish threshold factors that indicate when the Contractor's Defined Benefit Pension Plan(s) may not meet testing requirements within the next two plan years. Every six months the Contractor shall identify when the Defined Benefit Pension Plan(s) may not meet testing requirements for the current plan year and the following plan year.
 - (2) Failure to Meet Testing Requirements. In the case that the approved threshold factors described above and other factors as approved or requested by the Contracting Officer indicate that the Defined Benefit Pension Plan(s) may not meet testing requirements, the Contractor shall provide the Contracting Officer with a corrective action plan for addressing the potential or actual failure to meet testing requirements and quarterly updates on the status for testing purposes. After the corrective action plan has been submitted and approved by the Contracting Officer, the Contractor shall provide quarterly updates on the status for testing purposes.
 - (3) Changes to the Defined Benefit Pension Plan(s). In addition to any other provision of this Contract, including but not limited to Clause H.5 *DOE-H-2001 Employee Compensation: Pay and Benefits (Jan 2022)(Revised)*, the Contractor shall provide advance written notification to the Contracting Officer for any other changes or amendments to the Defined Benefit Pension Plan(s) no less than 30 days prior to implementing the change or amendment. The advance written notification shall include the information detailed in H.5(j)(1).
 - (4) Training. The Contractor shall establish a training program specifically for the purpose of training individuals pursuant to Clauses H.4(b)(1)(iii) and H.4(c)(3). The one-time training program shall be provided to individual employees and will not exceed six months in duration and \$5,000 in cost (subject to availability of funding) per person, in addition to wages and benefits.

H.7 Workforce Transition and Benefits Transition: Plans and Timeframes

- (a) Workforce Transition Plan. The Contractor shall submit a Workforce Transition Plan (WF Transition Plan) for Contracting Officer approval, describing in detail the Contractor's plans and procedures as to how the Contractor will comply with the hiring preferences at Portsmouth and Paducah sites set forth in Clause H.4 *Workforce Transition and Employee Hiring Preferences Including through Period of Performance*, and Section I Clause DEAR 952.226-74, *Displaced Employee Hiring Preference*. The WF Transition Plan shall also detail the Contractor's plan for implementing multiple collective bargaining agreements. Notwithstanding timeframes identified elsewhere in the Contract, the Contractor shall perform the following activities in the specified timeframes:
- (1) Within 10 days after the effective date of the contract transition Notice to Proceed, the Contractor shall:
 - (i) Provide the Contracting Officer with a list of Contractor personnel who will be responsible for transitioning the employees of the Incumbent Contractor(s) and for development of the transition agreements, including specifically the personnel responsible for ensuring that the Contractor complies with the National Labor Relations Act and Clause H.9 *DOE-H-2028 Labor Relations*, and contact information for the above personnel.
 - (ii) Submit to the Contracting Officer a description of any and all transition agreements that it intends to enter into with the Incumbent Contractor(s) to ensure compliance with Clauses H.4, *Workforce Transition and Employee Hiring Preferences Including through Period of Performance* during the contract transition period.
 - (iii) Establish and submit to the Contracting Officer a draft communication plan detailing the communication the Contractor and its subcontractors will engage in with their prospective employees and any labor organizations representing those employees, regarding implementation of the requirements set forth in Clauses H.4, *Workforce Transition and Employee Hiring Preferences Including through Period of Performance* and H.5, *DOE-H-2001 Employee Compensation: Pay and Benefits*.
 - (iv) Obtain information from the Incumbent Contractor(s), identifying the Portsmouth or Paducah Incumbent Employees, Appendix A Employees, and Grandfathered Employees as defined in Clause H.3, *Definitions*.
 - (v) Submit to the Contracting Officer a description of the process for regularly obtaining updated information from the Incumbent Contractor(s) regarding the Portsmouth and Paducah Incumbent Employees, Appendix A Employees and Grandfathered Employees throughout the Contract Transition Period.
 - (2) Within 10 days after the effective date of the contract transition Notice to Proceed, the Contractor shall:
 - (i) Submit to the Contracting Officer copies of the draft WF Transition Plan for the Contractor and its first and second tier subcontractors, including processes and procedures regarding how the Contractor will implement and ensure compliance with the hiring preferences for Portsmouth and Paducah sites set forth in Clause H.4, *Workforce Transition and Employee Hiring Preferences Including through Period of*

Performance and with the requirements of Clause H.9, *H-2028 Labor Relations*, as applicable.

The Contractor shall include the Workforce Transition Plan with its proposed plans to enter into negotiations with the unions during transition. The Contractor shall submit separately, its proposed economic bargaining parameters as soon as possible after the Notice to Proceed of the Transition Period is authorized. The proposed economic bargaining parameters shall include any proposed changes for which DOE reimburses costs, and obtain the approval of, the Contracting Officer regarding allowability of the costs, and compliance with the terms and conditions of the contract, including those for pension and medical benefit costs, prior to the Contractor entering into the collective bargaining process. During the collective bargaining negotiations, the Contractor shall notify, and obtain the approval of, the Contracting Officer before submitting or agreeing to any collective bargaining proposal that increases or may increase allowable costs above those previously approved in the economic bargaining parameters if seeking reimbursement for those costs, or that could involve changes in any pension or other benefit plans, and such other items of special interest to DOE as are identified by the Contracting Officer.

- (ii) Within 15 days, establish and provide a copy to the Contracting Officer of its final written communication plan regarding:
 - (A) Implementation of the hiring preferences in Clause H.4, *Workforce Transition and Employee Hiring Preferences Including through Period of Performance*; and
 - (B) The communication process among DOE, site tenants and, if applicable, labor organizations representing Portsmouth or Paducah Incumbent Employees.
- (3) Within 20 days after the effective date of the contract transition Notice to Proceed, the Contractor shall provide to the Contracting Officer a copy of the final WF Transition Plan described in paragraph (a) above.
- (4) Within 30 days after the effective date of the contract transition Notice to Proceed, the Contractor shall provide to the Contracting Officer copies of the final transition agreements described in paragraph (a)(1)(ii) above.
- (5) The Contractor shall submit reports to the Contracting Officer regarding the Contractor's and its subcontractors' implementation of the hiring preferences for the Portsmouth and Paducah sites required by Clause H.4, *Workforce Transition and Employee Hiring Preferences Including through Period of Performance*, in accordance with the timeframes set forth below. These reports shall include the following information: employee, hire date or anticipated hire dates; and, where applicable, the Incumbent Contractor(s) or subcontractor that employed the employee and the Contractor or subcontractor that hired the employee.
 - (i) During the 120 day Contract Transition Period, such reports shall be provided to the Contracting Officer on a weekly basis; or
 - (ii) On a less frequent basis, if requested by the Contracting Officer.
- (6) The Contractor shall implement the transition activities as set forth in the approved transition plan and such other transition activities as may be authorized or directed by the Contracting Officer.

(b) Benefits Transition Plan.

- (1) The Contractor shall submit a draft Benefits Transition Plan for the approval of the Contracting Officer, within 15 days after the effective date of the contract transition Notice to Proceed, as set forth herein.
 - (i) A detailed description of the Contractor's plans and procedures on how the Contractor will comply with Clauses H.5, *DOE-H-2001 Employee Compensation: Pay and Benefits*; and H.6, *Special Provisions Applicable to Workforce Transition and Employee Compensation: Pay and Benefits*; and this paragraph (b)(1) and (b)(2).
 - (ii) All transitions of the existing pension(s) plans including market-based retirement and medical plans and other existing benefit plans, as well as establishment of any new plans, shall be completed by the end of the Contract Transition Period.
 - (iii) A detailed description of the Contractor's policies regarding pensions and other benefits for which the Department reimburses costs under this Contract, and how these policies will support at reasonable cost the effective recruitment and retention of a highly skilled, motivated, and experienced workforce.
 - (iv) A written description of how pension and other benefit plans provided to employees pursuant to Clauses H.5, *DOE-H-2001 Employee Compensation: Pay and Benefits* and H.6, *Special Provisions Applicable to Workforce Transition and Employee Compensation: Pay and Benefits* will be transitioned, or if needed, developed and implemented on or before the last day of the Contract Transition Period.
 - (v) If needed, an asset transfer agreement(s) to transfer assets from the Incumbent Contractors' defined benefit pension plan(s) to new defined benefit plan(s) or to transfer assets from the ORRCC MEPP to the DUF6 Pension Plan for Grandfathered Employees to cover past eligibility service in order for the Contractor to adhere to the benefits sponsorship requirements set forth in this Contract.

On or before the last day of the Contract Transition Period the Contractor shall provide 1) a description of the necessary transactions, and how the Contractor proposes to comply with the Contract and applicable law governing such transactions; and 2) a schedule for Contracting Officer approval for when the benefit plan will be developed and assets transferred.

- (2) The Contractor shall perform the following activities involving benefit transition within the timeframes specified below.
 - (i) Within 10 days after the effective date of the contract transition Notice to Proceed, the Contractor shall:
 - (A) Provide the Contracting Officer with a list of Contractor personnel who will be responsible for the transition of existing benefit plans, and, if needed, development of new benefit plans, including specifically the personnel responsible for ensuring that the Contractor develops and implements a defined benefit pension plan and a defined contribution pension plan and contact information for the above personnel;
 - (B) Request the Incumbent Contractor(s) to provide information and documents necessary for the Contractor to adhere to the requirements set forth in this

Contract pertaining to sponsoring existing benefits plans and the establishment of any new benefits plans, including, if needed, the transfer of assets from or to the Incumbent Contractors' existing defined pension plan and other benefit plans on or before the end of the Contract Transition Period; and

- (C) Provide estimated costs and detailed breakouts of the costs to accomplish workforce and benefits transition activities within the timeframes specified, including the costs for enrolled actuaries and counsel.
- (ii) Within 15 days after the effective date of the contract transition Notice to Proceed, the Contractor shall provide to the Contracting Officer a list of the information and documents that the Contractor has requested from the Incumbent Contractor(s) pertaining to the existing benefit plans. The Contractor shall notify the Contracting Officer on a timely basis of any issues or problems that it encounters in obtaining information or documents requested from the Incumbent Contractor(s). Regardless of such notification, the Contractor remains responsible under this Contract for ensuring compliance with the terms of this Contract, including the timeframes set forth in this clause and the requirements in Clauses H.5, *DOE-H-2001 Employee Compensation: Pay and Benefits* and H.6, *Special Provisions Applicable to Workforce Transition and Employee Compensation: Pay and Benefits*.
- (iii) Within 20 days after the effective date of the contract transition Notice to Proceed, the Contractor shall:
 - (A) Submit the final draft Benefits Transition Plan; and
 - (B) Submit a detailed description of its plans and processes, including timeframes and specific projected dates for accomplishment of each activity necessary to ensure compliance with the requirements set forth in Clauses H.5, *DOE-H-2001 Employee Compensation: Pay and Benefits* and H.6 *Special Provisions Applicable to Workforce Transition and Employee Compensation: Pay and Benefits* including requirements pertaining to the transition of existing benefit plans (or plan segments) and, if needed, the establishment of employee benefit plans; and
 - (C) Identify relevant Contractor personnel or other personnel who will administer or assist in administering the benefit plans, including the Contractor's benefit plan administrators and personnel, head of human resources, ERISA counsel, actuaries, and any other personnel deemed necessary by the Contractor; and
 - (D) Meet via televideo, teleconference, and/or in person with relevant personnel who administer the benefit plans for the Incumbent Contractor(s), if and when necessary. The meeting shall include the Contractor's benefit plan administrators and personnel, head of human resources, ERISA counsel, actuaries, and any and all other personnel deemed necessary by the Contractor. During such meeting, the Contractor shall discuss all matters necessary to ensure the Contractor adheres to its obligations under Clauses H.5 *DOE-H-2001 Employee Compensation: Pay and Benefits* and H.6 *Special Provisions Applicable to Workforce Transition & Employee Compensation: Pay and Benefits*, including execution of transition agreements with the Incumbent Contractor(s) and other applicable entities. The minutes of the meeting as well as a written description of

any substantive issues identified at the meeting shall be submitted to the Contracting Officer within two days after the meeting.

- (iv) Within 30 days after the effective date of the contract transition Notice to Proceed, the Contractor shall provide the following to the Contracting Officer:
 - (A) A final written Benefits Transition Plan, to include a written description of how the existing benefit plans provided to employees pursuant to Clause H.5, *DOE-H-2001 Employee Compensation: Pay and Benefits* will be amended and restated on or before the last day of the Contract Transition Period.
 - (B) Draft copies of the transition agreements the Contractor will enter into with the Incumbent Contractor(s), to ensure the Contractor's compliance with the pay and benefits requirements set forth in Clause H.5, *DOE-H-2001 Employee Compensation: Pay and Benefits*; and
 - (C) Drafts of all amendments to or restatements of the pension and other benefit plans presently sponsored by the Incumbent Contractor(s), including but not limited to amendments effectuating the change in sponsorship/participating employer in the Incumbent Contractor's segment of the Pension Plan(s). If applicable, the Contractor shall also submit all draft restated benefit plans and draft Summary Plan Descriptions for pension and other benefit plans sponsored by the Incumbent Contractor(s). Any and all such amendments shall comply with applicable law governing such transactions and changes in sponsorship of the plans; or
 - (D) If needed, as agreed to in the final written Benefits Transition Plan in (A) above, draft or proposed final versions of any new defined benefit and defined contribution pension plans and other benefit plans including applicable draft Summary Plan Descriptions.
 - (v) No later than 60 days after the effective date of the contract transition Notice to Proceed and prior to the adoption or execution of those documents, the Contractor shall submit to the Contracting Officer for approval the proposed final versions of the documents provided in paragraph (iv)(A-D) above.
 - (vi) If the Contractor is unable to fully implement a market-based plan by the end of the Contract Transition Period, the Contractor shall submit a fully documented request within 90 days after the end of the Contract Transition Period (including, but not limited to, plan description, proposed changes, schedule, implementation strategy, cost/benefit analysis) to the Contracting Officer for approval.
 - (vii) The Contractor shall respond to any comments provided by the Contracting Officer under any of the above paragraphs within two days of receipt of the comments.
- (3) After the Contract Transition Period and throughout the remaining period of performance of the Contract, the Contractor shall provide upon request the following information promptly to the CO:
- (A) Documents relating to benefit plans offered to Contractor Employees, including but not limited to Summary Plan Descriptions, all Plan documents, applicable amendments, employee handbooks that summarize benefits provided to

employees, and other documents that describe benefits provided to employees of the Contractor who perform work on this Contract;

- (B) Any and all other documents pertaining to implementation of and compliance with implementation of the compensation and benefit programs identified in clause H.5, *DOE-H-2001 Employee Compensation: Pay and Benefits*; and
- (C) Additionally, the contractor shall provide timely data responses to Departmental annual and ad hoc pension and PRB data requests. Such data responses shall be provided within the timeframe established by the CO for each response and, if no timeframe is specified, the Contractor shall provide the data response within one calendar day.

H.8 DOE-H-2004 Post Contract Responsibilities for Pension and Other Benefit Plans (Oct 2014)

- (a) If this Contract expires and/or terminates and DOE has awarded a contract under which a new contractor becomes a sponsor and assumes responsibility for management and administration of the pension or other benefit plans identified in (g)(l) of Clause H.5, *DOE-H-2001 Employee Compensation: Pay and Benefits*, the Contractor shall cooperate and transfer to the new contractor its responsibility for sponsorship, management and administration of the plans consistent with direction from the Contracting Officer. If a Commingled plan is involved, the Contractor shall:
 - (1) Spin off the DOE portion of any Commingled Plan used to cover employees working at the DOE facilities into a separate plan. The new plan will normally provide benefits similar to those provided by the commingled plan and shall carry with it the DOE assets on an accrual basis market value, including DOE assets that have accrued in excess of DOE liabilities.
 - (2) Bargain in good faith with DOE or the successor contractor to determine the assumptions and methods for establishing the liabilities involved in a spinoff. DOE and the contractor(s) shall establish an effective date of spinoff. On or before the same day as the contractor notifies the IRS of the spinoff or plan termination, all plan assets assigned to a spun-off or terminating plan shall be placed in a low-risk liability matching portfolio until the successor trustee, or an insurance company, is able to assume stewardship of those assets.
- (b) If this Contract expires or terminates and DOE has not awarded a contract to a new contractor under which the new contractor becomes a sponsor and assumes responsibility for management and administration of the Plans, or if the Contracting Officer determines that the scope of work under the Contract has been completed (any one such event may be deemed by the Contracting Officer to be "Contract Completion" for purposes of this clause), whichever is earlier, and notwithstanding any other obligations and requirements concerning expiration or termination under any other clause of this Contract, the following actions shall occur regarding the Contractor's obligations regarding the Plans at the time of Contract Completion:
 - (1) Subject to subparagraph (2) below, and notwithstanding any legal obligations independent of the Contract the Contractor may have regarding responsibilities for sponsorship, management, and administration of the Plans, the Contractor shall remain the sponsor of the Plans, in accordance with applicable legal requirements.
 - (2) The parties shall exercise their best efforts to reach agreement on the Contractor's responsibilities for sponsorship, management and administration of the plans for which DOE reimburses costs, prior to or at the time of Contract Completion. However, if the parties have not reached agreement on the Contractor's responsibilities for sponsorship, management and

administration of the Plans prior to or at the time of Contract Completion, unless and until such agreement is reached, the Contractor shall comply with written direction from the Contracting Officer regarding the Contractor's responsibilities for continued provision of pension and welfare benefits under the Plans, including but not limited to continued sponsorship of the Plans, in accordance with applicable legal requirements. To the extent that the Contractor incurs costs in implementing direction from the Contracting Officer, the Contractor's costs will be reimbursed pursuant to applicable Contract provisions.

H.9 DOE-H-2028 Labor Relations (October 2014) (Revised)

- (a) The Contractor shall respect the right of employees to organize and to form, join, or assist labor organizations, to bargain collectively through their chosen labor representatives, to engage in other concerted activities for the purpose of collective bargaining or other mutual aid or protection, and to refrain from any or all of these activities, consistent with applicable laws.
- (b) Consistent with applicable labor laws and regulations, for work currently performed by members of the United Steelworkers, Local 689 and Local 550, and the International Union, Security, Police and Fire Professionals of America and its Amalgamated Local 66 and Local 111 (unions) on the effective date of this Contract, the Contractor agrees to initially consult with these unions regarding the initial terms and conditions of employment and to recognize these unions as the collective bargaining representative(s) for employees performing work that has historically and traditionally been performed by members of these unions and is covered in the scope of this Contract, and to bargain in good faith to a collective bargaining agreement(s) that gives due consideration to applicable terms and conditions of the existing collective bargaining agreement(s) for work at the Portsmouth and Paducah sites.
- (c) The Contractor shall submit its economic bargaining parameters for which DOE reimburses costs to, and obtain the approval of, the Contracting Officer regarding allowability of the costs, and compliance with the terms and conditions of the contract, including those for pension and medical benefit costs, prior to the Contractor entering into the collective bargaining process. During the collective bargaining negotiations, the Contractor shall notify, and obtain the approval of, the Contracting Officer before submitting or agreeing to any collective bargaining proposal that increases or may increase allowable costs above those previously approved in the economic bargaining parameters, or that could involve changes in any pension or other benefit plans, and such other items of special interest to DOE as are identified by the Contracting Officer. The approval of the Contracting Officer under this paragraph does not waive any other terms and conditions of the contract.
- (d) The Contractor will seek to maintain harmonious bargaining relationships that reflect a judicious expenditure of public funds, equitable resolution of disputes and effective and efficient bargaining relationships consistent with the requirements of FAR 22.1 and DEAR, 970.2201 and all applicable Federal and State labor relations laws.
- (e) The Contractor shall use its best efforts to ensure that collective bargaining agreements negotiated under this Contract contain provisions designed to assure no disruption in services during the performance of the Contract or specific Task Order. All such collective bargaining agreements entered into during the Contract Period (including any Task Orders) should, to the extent that the parties to those collective bargaining agreements agree, provide that grievances and disputes involving the interpretation or application of the collective bargaining agreement will be settled without resorting to strike, lockout, or other disruption in services. For this purpose, each collective bargaining agreement should provide an effective grievance procedure with arbitration as its final

step, unless the parties mutually agree upon some other method of assuring no disruption in services. The Contractor shall include the substance of this subparagraph (e) in any subcontracts.

- (f) In addition to FAR 52.222-1, Notice to the Government of Labor Disputes, and other requirements in the contract, the Contractor shall immediately notify the Contracting Officer or designee of all labor relations issues and matters of interest, including, but not limited to, organizing efforts, unfair labor practice charges or complaints, work stoppages, picketing, labor arbitrations, National Labor Relations Board (NLRB) charges, legal or judicial proceedings, and settlement agreements, and will furnish such additional information as may be required from time to time by the Contracting Officer.
- (g) The Contractor shall immediately notify the Contracting Officer or designee of any planned or actual strike or work stoppage involving its employees or employees of a subcontractor.
- (h) The Contractor shall provide the Contracting Officer or designee a copy of all arbitration decisions issued by an arbitrator within one week of receipt of the decision.
- (i) The Contractor shall provide the Contracting Officer with a "Report of Settlement" after ratification of a collective bargaining agreement by accessing and inputting the information into the Labor Relations module (GCLR) of DOE's iBenefits reporting system, or its successor system, during the next open quarter. Such information shall include negotiated wages, pension, medical and other benefits costs, and a copy of the collective bargaining agreement and any subsequent modifications.
- (j) The Contractor shall provide to the Contracting Officer or designee a semi-annual report on grievances for which further judicial or administrative proceedings are anticipated, and all final step grievances. The Contractor shall immediately provide information on all arbitration requests. The reports are due June 30 and December 31, of each year, and should include the following information:
 - (1) A list of all final step grievances filed during the previous six-month period and grievances for which further judicial or administrative proceedings are anticipated, together with the dates filed;
 - (2) A brief description of issues regarding each grievance;
 - (3) If settled, the date of settlement, and terms of the settlement. If a denial is made at the final step and the period for requesting arbitration passes, report the matter as closed;
 - (4) If not settled during the six-month reporting period, carry the item over to the subsequent six-month reporting periods until settlement, request for arbitration, closure, or other proceeding occurs.

H.10 Workforce Restructuring

- (a) The Contractor shall regularly analyze workforce requirements and will develop appropriate workforce restructuring strategies to ensure continued availability of the critical workforce knowledge, skills, and abilities necessary for performance under this Contract.
- (b) When the Contractor determines that a change in the workforce is necessary, the Contractor shall accomplish the workforce restructuring in a manner consistent with the DOE General Workforce Restructuring Plan, if applicable, in effect for the facility or site. The General Plan lays out how contractor workforce restructuring will be conducted at the applicable site in a manner that is consistent with DOE policy.

The Contractor is only required to provide notification of Self-Select Voluntary Separation Programs of 100 or more if consistent with the following parameters: 1) in accordance with approved laboratory and contractor policies and contract requirements; 2) no enhanced benefits (severance or pension); 3) no backfilling or re-employment of employees for a one-year period after severance is paid; 4) business case submitted 30 business days in advance of notification date that includes maximum number of voluntary separations, maximum dollars, positions/skills impacted; reasons separations are needed, including how conducting a Self-Select Voluntary Separation Program will better position the contractor to conduct the mission work; copies of the self-select application and any employee waivers or releases of claims, and a communication plan; and 5) voluntary separations offered to employees in a non-discriminatory and legally compliant manner. There is no backfilling where a separating employee is replaced by an internal candidate so long as:

- (1) The separating employee is leaving voluntarily;
 - (2) The internal replacement is a regular, permanent employee on the contractor's payroll, not a temporary hire, staff augmentee, or someone serving under a post-doctoral program, or other short term program;
 - (3) The replacement results in a net reduction in headcount and costs of regular employees; and
 - (4) The replacement is accomplished in an otherwise legally compliant manner, including no unlawful intent to discriminate based upon age.
- (c) The Contractor shall ensure it does not hire or rehire individuals who volunteered for termination during a Self-Select Voluntary Separation Program, at any DOE or NNSA site, during the one-year period following the separation. If an employee is hired or rehired prior to the one-year period, the employee may be required to pay back, to the contractor who provided the severance payment, all or a pro-rata amount of the severance received under the Voluntary Separation Program.
- (d) The Contractor must prepare and submit to the Contracting Officer a specific workforce restructuring plan (Specific Plan), as described below in paragraph (e), if the Contractor intends to reduce its workforce by 100 or more employees through an involuntary separation action within a rolling 12-month period.
- (e) The Contractor's Specific Plan shall lay out how the Contractor will conduct its workforce restructuring action at the site. The Contractor's Specific Plan for reducing 100 or more employees through an involuntary separation action shall be submitted to the Contracting Officer for approval at least 60 days in advance of the first communication planned to be given to the employees and public. Any other Specific Plans must be submitted 30 business days in advance of the first communication planned to be given to the employees and public. The templates for contractor Involuntary Separation Plan, as well as the General Release and Waiver Forms, are available online at: <http://www.energy.gov/gc/services/technology-transfer-and-procurement/office-assistant-general-counsel-labor-and-pension>.
- (f) Pay-in-lieu of notice beyond two work-weeks requires written advance Contracting Officer approval. The Contractor shall submit the request to the Contracting Officer as part of the Workforce Restructuring package submitted for approval in (e) above, and include the number of days of pay-in-lieu of notice requested, above two work-weeks, a detailed business justification, and the associated costs.
- (g) The Contractor is encouraged to consider the use of employee waivers and releases. DOE has developed a model waiver and release of claims. The forms are available online at the website set

forth in (e) above. Any deviation from the models must be approved by the Contracting Officer.

- (h) The Contractor must perform an adverse impact analysis as part of its determination to undertake involuntary separation action(s). A copy of the adverse impact analysis for involuntary separation action(s) affecting 100 or more contractor employees within a rolling 12-month period shall be submitted to the Contracting Officer and DOE or NNSA site counsel, as applicable, prior to notification of employees selected for involuntary separation.
- (i) The Contracting Officer will review and approve any Specific Plan submitted for review affecting the reduction of 100 or more employees through an involuntary separation action within 10 business days after submission of a complete package by the Contractor unless the Contractor is notified of issues necessitating an extension of time. Should DOE request additional information from the Contractor regarding any Specific Plan, the Contractor will respond to such request within 3 business days.
- (j) The Contractor is responsible and accountable for conducting and defending all voluntary and involuntary separation actions in compliance with applicable laws, regulations, and the contract terms and conditions.
- (k) Questions of cost allowability related to: a) any Self-Select Voluntary Separation Programs for which the Contractor provides only notification, or b) any involuntary separation program(s) conducted without Contracting Officer approval will be resolved consistently with applicable laws and regulations and with the terms and conditions of this contract, including, but not limited to, Department of Energy Acquisition Regulation (DEAR) at 48 C.F.R. 952.231-71(f).

H.11 Labor Standards

- (a) The Contracting Officer will determine the appropriate labor standards that apply to specific work activities in accordance with the Wage Rate Requirements (Construction) statute (formerly known as the Davis-Bacon Act), the Service Contract Labor Standards statute (formerly known as the Service Contract Act of 1965), or other applicable Federal labor standards law. Prior to the start of any proposed work activities, the Contractor shall request a labor standards determination from the Contracting Officer for specific work activities by submitting proposed work packages that describe the specific activities to be performed for particular work and other information as necessary for DOE to make a determination regarding the appropriate labor standard(s) for the work or aspects of the work. Once a determination is made and provided to the Contractor, the Contractor shall comply with the determination and shall ensure that appropriate labor standards clauses and requirements are flowed down to and incorporated into any applicable subcontracts.
- (b) The Contractor shall comply, and shall be responsible for compliance by any subcontractor, with the Wage Rate Requirements (Construction), the Service Contract Labor Standards, or other applicable labor standards law. The Contractor shall conduct such payroll and job-site reviews for construction work, including interviews with employees, with such frequency as may be necessary to assure compliance by its subcontractors and as requested or directed by the DOE. When performing work subject to the Wage Rate Requirements (Construction), Contractor shall maintain payroll records for a period of three years from completion of the Contract, for laborers and mechanics performing the work. In accordance with FAR 52.222-41(g) and FAR 52.222-6(b)(4), the Contractor and its subcontractors shall post in a prominent job-site location, the wage determination and, as applicable, Department of Labor Publication: WH-1321, *Employee Rights under the Davis-Bacon Act*, and/or WH-1313, *Employee Rights on Government Contracts*.
- (c) For subcontracts determined to be subject to the Service Contract Labor Standards, the Contractor will prepare Standard Form 98 (e98), *Notice of Intention to Make a Service Contract and Response*

Notice. This form is available on the Department of Labor website at:
<http://www.dol.gov/whd/govcontracts/sca/sf98/index.asp>. The form shall be submitted to the Contracting Officer.

- (d) In addition to any other requirements in the Contract, Contractor shall as soon as possible notify the Contracting Officer of all labor standards issues, including all complaints regarding incorrect payment of prevailing wages and/or fringe benefits, received from contractor or subcontractor employees; significant labor standards violations, as defined in 29 Code of Federal Regulations (CFR) 5.7; disputes concerning labor standards pursuant to 29 CFR parts 4, 6, and 8 and as defined in FAR 52.222-41(t); disputed labor standards determinations; Department of Labor investigations; or legal or judicial proceedings related to the labor standards under this Contract or a subcontract. The Contractor shall furnish such additional information as may be required from time to time by the Contracting Officer.
- (e) The Contractor shall prepare and submit, to the Contracting Officer, the Office of Management and Budget Control Number 1910-5165, *Davis-Bacon Semi-Annual Labor Compliance Report*, by completing DOE Form 354 (04/18) titled “*Semi-Annual Davis-Bacon Enforcement Report*” by April 21 and October 21 of each year. Form submittal will be administered through the iBenefits system or its successor system.

H.12 DOE-H-2003 Workers’ Compensation Insurance (Oct 2014)

- (a) Contractors, other than those whose workers’ compensation coverage is provided through a state funded arrangement or a corporate benefits program, shall submit to the Contracting Officer for approval all new compensation policies and all initial proposals for self-insurance (contractors shall provide copies to the Contracting Officer of all renewal policies for workers compensation).
- (b) Workers compensation loss income benefit payments, when supplemented by other programs (such as salary continuation, short-term disability) are to be administered so that total benefit payments from all sources shall not exceed 100 percent of the employee's net pay.
- (c) Contractors approve all workers compensation settlement claims up to the threshold established by the Contracting Officer for DOE approval and submit all settlement claims above the threshold to DOE for approval.
- (d) The Contractor shall obtain approval from the Contracting Officer before making any significant change to its workers compensation coverage and shall furnish reports as may be required from time to time by the Contracting Officer.

H.13 DOE-H-2073 Risk Management and Insurance Programs (Dec 2014) (Revised)

Contractor officials shall ensure that the requirements set forth below are applied in the establishment and administration of DOE-funded prime cost reimbursement contracts for management and operation of DOE facilities and other designated long-lived onsite contracts for which the contractor has established separate operating business units.

- (a) Basic Requirements
 - (1) Maintain commercial insurance or a self-insured program, (i.e., any insurance policy or coverage that protects the Contractor from the risk of legal liability for adverse actions associated with its operation, including malpractice, injury, or negligence) as required by the terms of the Contract. Types of insurance include automobile, general liability, and other third-party liability insurance. Other forms of coverage must be justified as necessary in the

- operation of the Department facility and/or the performance of the Contract, and approved by the DOE.
- (2) Contractors shall not purchase insurance to cover public liability for nuclear incidents without DOE authorization (see DEAR 950.70 entitled, *Nuclear Indemnification of DOE Contractors*).
 - (3) Demonstrate that insurance programs and costs comply with the cost limitations and exclusions at FAR 28.307 entitled, *Insurance Under Cost Reimbursement Contracts*; and FAR 31.205-19 entitled, *Insurance and Indemnification*, DEAR 931.205-19 entitled, *Insurance and Indemnification*, DEAR 970.3102-05-19 entitled, *Insurance and Indemnification*, DEAR 952.231-71, entitled, *Insurance-Litigation and Claims*, and DEAR 970.5228-1, entitled, *Insurance-Litigation and Claims*.
 - (4) Demonstrate that the insurance program is being conducted in the Government's best interest and at a reasonable cost.
 - (5) The Contractor shall submit copies of all insurance policies or insurance arrangements to the CO no later than 30 days after the purchase date.
 - (6) When purchasing commercial insurance, the Contractor shall use a competitive process to ensure costs are reasonable.
 - (7) Ensure self-insurance programs include the following elements:
 - (i) Compliance with criteria set forth in FAR 28.308, *Self-Insurance*. Approval of self-insurance is predicated upon submission of verifiable proof that the self-insurance charge does not exceed the cost of purchased insurance. This includes hybrid plans (i.e., commercially purchased insurance with self-insured retention, such as large deductible, matching deductible, retrospective rating cash flow plans, and other plans where insurance reserves are under the control of the insured). The self-insured retention components of such plans are self-insurance, and are subject to the approval and submission requirements of FAR 28.308, as applicable.
 - (ii) Demonstration of full compliance with applicable state and federal regulations and related professional administration necessary for participation in alternative insurance programs.
 - (iii) Safeguards to ensure third party claims and claims settlements are processed in accordance with approved procedures.
 - (iv) Accounting of self-insurance charges.
 - (v) Accrual of self-insurance reserve. The Contracting Officer's approval is required and predicated upon the following:
 - (A) The claims reserve shall be held in a special fund or interest bearing account.
 - (B) Submission of a formal written statement to the Contracting Officer stating that use of the reserve is exclusively for the payment of insurance claims and losses, and that DOE shall receive its equitable share of any excess funds or reserve.
 - (C) Annual accounting and justification as to the reasonableness of the claims reserve

submitted for Contracting Officer review.

- (D) Claim reserves, not payable within the year the loss occurred, are discounted to present value based on the prevailing Treasury rate.
- (8) Separately identify and account for interest cost on a Letter of Credit used to guarantee self-insured retention, as an unallowable cost and omitted from charges to the DOE contract. .
- (9) Comply with the Contracting Officer's written direction for ensuring the continuation of insurance coverage and settlement of incurred and/or open claims and payments of premiums owed or owing to the insurer for prior DOE contractors.
- (b) Plan Experience Reporting. The Contractor shall:
 - (1) Provide the Contracting Officer with annual experience reports for each type of insurance (e.g., automobile and general liability), listing the following for each category:
 - (i) The amount paid for each claim.
 - (ii) The amount reserved for each claim.
 - (iii) The direct expenses related to each claim.
 - (iv) A summary for the year showing total number of claims.
 - (v) A total amount for claims paid.
 - (vi) A total amount reserved for claims.
 - (vii) The total amount of direct expenses.
 - (2) Provide the Contracting Officer with an annual report of insurance costs and/or self-insurance charges. When applicable, separately identify total policy expenses (e.g., commissions, premiums, and costs for claims servicing) and major claims during the year, including those expected to become major claims (e.g., those claims valued at \$100,000 or greater).
 - (3) Provide additional claim financial experience data as may be requested on a case-by-case basis.
- (c) Terminating Operations. The Contractor shall:
 - (1) Ensure protection of the Government's interest through proper recording of cancellation credits due to policy terminations and/or experience rating.
 - (2) Identify and provide continuing insurance policy administration and management requirements to a successor, other DOE contractor, or as specified by the Contracting Officer.
 - (3) Reach agreement with DOE on the handling and settlement of claims incurred but not reported at the time of contract termination; otherwise, the Contractor shall retain this liability.
- (d) Successor Contractor or Insurance Policy Cancellation. The Contractor shall:
 - (1) Obtain the written approval of the contracting officer for any change in program direction; and

- (2) Ensure insurance coverage replacement is maintained as required and/or approved by the Contracting Officer.

H.14 Overtime Control Reporting

The Contractor shall submit a Summary Overtime Justification Report of the overtime hours worked to the Contracting Officer six (6) months after the NTP and annually thereafter, no later than November 30 of each year. Summary Overtime Justification Reports shall be reported, at a minimum, by Common Occupational Classification System sub-codes, differentiate between premium and non-premium overtime, and provide sufficient detail to demonstrate all three (3) of the following:

- (a) Compliance with provisions set forth in FAR 52.222-2;
- (b) All other alternatives to overtime were evaluated prior to working overtime and found inadequate or not feasible; and
- (c) Overtime hours worked were in the best interest of the Government.

Summary Overtime Justification Reports will be used to assist the Contracting Officer in determining reasonableness and cost allowability. If the total overtime hours on a rolling 12-month average exceeds 10 percent, the Contractor shall submit to the Contracting Officer an Overtime Control Plan. The overtime percentage is to be calculated by dividing total overtime hours worked by total hours worked (i.e. the sum of overtime hours and straight time hours). This overtime premium will not be considered a Contracting Officer determination of overtime reasonableness or cost allowability.

Business System Clauses

H.15 DOE-H-2022 Contractor Business Systems (Oct 2014) (Revised)

- (a) Definitions. As used in this clause:

“Acceptable contractor business systems” means contractor business systems that comply with the terms and conditions of the applicable business system clauses listed in the definition of “contractor business systems” in this clause.

Contractor business systems means:

- (1) “Accounting system”, if this contract includes the Section H clause entitled, *Accounting System Administration*;
- (2) “Earned value management system”, if this contract includes the Section H clause entitled, *Earned Value Management System*;
- (3) Estimating system, if this contract includes the Section H clause entitled, *Cost Estimating System Requirements*;
- (4) “Property management system”, if this contract includes the Section H clause entitled, *Contractor Property Management System Administration*; and
- (5) “Purchasing system”, if this contract includes the Section H clause entitled, *Contractor Purchasing System Administration*.

“Significant deficiency”, in the case of a Contractor business system, means a shortcoming in the system that materially affects the ability of officials of the Department of Energy to rely upon information produced by the system that is needed for management purposes.

- (b) General. The Contractor shall establish and maintain acceptable business systems in accordance with the terms and conditions of this Contract. If the Contractor plans to adopt any existing business system from the previous Contractor, the Contractor is responsible for the system and shall comply with the system requirements and criteria required in that specific business system clause.
- (c) Significant deficiencies.
 - (1) The Contractor shall respond, in writing, within 30 days to an initial determination that there are one or more significant deficiencies in one or more of the Contractor's business systems.
 - (2) The CO will evaluate the Contractor's response and notify the Contractor, in writing, of the final determination as to whether the Contractor's business system contains significant deficiencies. If the CO determines that the Contractor's business system contains significant deficiencies, the final determination will include a notice of potential withholding of provisional payment of fee and/or potential fee reduction in accordance with the Performance Evaluation and Measurement Plan.
- (d) Withholding provisional payment(s) of fee.
 - (1) If the CO issues the final determination with a notice for significant deficiencies in a Contractor business system required under this contract, the CO will notify the Contractor, in writing, of a potential withholding of provisional fee payment until the CO has determined that the Contractor has corrected all significant deficiencies as directed by the CO's final determination. The Contractor shall, within 45 days of receipt of the notice, either:
 - (i) Correct the deficiencies; or
 - (ii) Submit an acceptable corrective action plan showing milestones and actions to eliminate the deficiencies. The plan shall contain:
 - (A) Root cause(s) identification of the problem(s);
 - (B) The proposed corrective action(s) to address the root cause(s);
 - (C) A schedule for implementation; and
 - (D) The name of the person responsible for the implementation.
- (e) Correction of deficiencies.
 - (1) The Contractor shall notify the CO, in writing, when the Contractor has corrected the business system's deficiencies.
 - (2) Once the Contractor has notified the CO that all deficiencies have been corrected, the CO will take one of the following actions:
 - (i) If the CO determines that the Contractor has corrected all significant deficiencies as directed by the CO's final determination, the CO will notify the Contractor, in writing, that the contractor may request payment of withheld provisional fee associated with the CO's final determination. Any payment withholding under this Contract due to other significant deficiencies, will remain in effect until the CO determines that those significant deficiencies are corrected.

- (ii) If the CO determines that the Contractor still has significant deficiencies, the CO shall continue withholding provisional fee payments in accordance with paragraph (d) of this clause.
- (iii) If the CO determines, based on the evidence submitted by the Contractor, that there is a reasonable expectation that the corrective actions have been implemented and are expected to correct the significant deficiencies, the CO will discontinue withholding provisional fee payments, and allow the contractor to request provisional fee payments previously withheld directly related to the significant deficiencies identified in the Contractor notification.
- (iv) At any time after the CO stops withholding provisional payment of fee, if the CO determines that the Contractor has failed to correct the significant deficiencies identified in the Contractor's notification, the CO will notify the contractor and reinstate or increase withholding, until the CO determines that the Contractor has corrected all significant deficiencies as directed by the CO final determination.

H.16 DOE-H-2023 Cost Estimating System Requirements (Oct 2014) (Revised)

(a) Definitions.

- (1) "Acceptable estimating system" means an estimating system that complies with the system criteria in paragraph (d) of this clause, and provides for a system that:
 - (i) Is maintained, reliable, and consistently applied;
 - (ii) Produces verifiable, supportable, documented, and timely cost estimates that are an acceptable basis for negotiation of fair and reasonable prices;
 - (iii) Is consistent with and integrated with the Contractor's related management systems; and
 - (iv) Is subject to applicable financial control systems.
- (2) "Estimating system" means the Contractor's policies, procedures, and practices for budgeting and planning controls, and generating estimates of costs and other data included in proposals submitted to customers in the expectation of receiving contract awards or contract modifications. Estimating system includes the Contractor's:
 - (i) Organizational structure;
 - (ii) Established lines of authority, duties, and responsibilities;
 - (iii) Internal controls and managerial reviews;
 - (iv) Flow of work, coordination, and communication; and
 - (v) Budgeting, planning, estimating methods, techniques, accumulation of historical costs, and other analyses used to generate cost estimates.
- (3) "Significant deficiency" means a shortcoming in the system that materially affects the ability of officials of the DOE to rely upon information produced by the system that is needed for management purposes.

- (b) General. The Contractor shall establish, maintain, and comply with an acceptable estimating system.
- (c) Applicability. Paragraphs (d) and (e) of this clause apply if the Contractor is a large business to include a Contractor teaming arrangement, as defined at 48 CFR 9.601(1), performing a Contract in support of a Capital Asset Project (other than a management and operating contract as described at 48 CFR 917.6), as prescribed in DOE Order 413.3 or current version; or a non-capital asset project and either:
 - (1) The total prime contract value exceeds \$50 million, including options; or
 - (2) The Contractor was notified, in writing, by the CO that paragraphs (d) and (e) of this clause apply.
- (d) System requirements.
 - (1) The Contractor shall disclose its estimating system to the CO, in writing. If the Contractor wishes the Government to protect the information as privileged or confidential, the Contractor must mark the documents with the appropriate legends before submission. If the Contractor plans to adopt the existing system from the previous contractor, the Contractor is responsible for the system and shall comply with the system requirements required in this clause.
 - (2) An estimating system disclosure is acceptable when the Contractor has provided the CO with documentation no later than 60 days after the NTP that:
 - (i) Accurately describes those policies, procedures, and practices that the Contractor currently uses in preparing cost proposals; and
 - (ii) Provides sufficient detail for the Government to reasonably make an informed judgment regarding the acceptability of the Contractor's estimating practices.
 - (3) The Contractor shall:
 - (i) Comply with its disclosed estimating system; and
 - (ii) Disclose significant changes to the cost estimating system to the CO on a timely basis.
 - (4) The Contractor's estimating system shall provide for the use of appropriate source data, utilize sound estimating techniques and good judgment, maintain a consistent approach, and adhere to established policies and procedures. An acceptable estimating system shall accomplish the following functions:
 - (i) Establish clear responsibility for preparation, review, and approval of cost estimates and budgets.
 - (ii) Provide a written description of the organization and duties of the personnel responsible for preparing, reviewing, and approving cost estimates and budgets.

- (iii) Ensure that relevant personnel have sufficient training, experience, and guidance to perform estimating and budgeting tasks in accordance with the Contractor's established procedures.
- (iv) Identify and document the sources of data and the estimating methods and rationale used in developing cost estimates and budgets.
- (v) Provide for adequate supervision throughout the estimating and budgeting process.
- (vi) Provide for consistent application of estimating and budgeting techniques.
- (vii) Provide for detection and timely correction of errors.
- (viii) Protect against cost duplication and omissions.
- (ix) Provide for the use of historical experience, including historical vendor pricing information, where appropriate.
- (x) Require use of appropriate analytical methods.
- (xi) Integrate information available from other management systems.
- (xii) Require management review, including verification of compliance with the company's estimating and budgeting policies, procedures, and practices.
- (xiii) Provide for internal review of, and accountability for, the acceptability of the estimating system, including the budgetary data supporting indirect cost estimates and comparisons of projected results to actual results, and an analysis of any differences.
- (xiv) Provide procedures to update cost estimates and notify the CO in a timely manner.
- (xv) Provide procedures that ensure subcontract prices are reasonable based on a documented review and analysis provided with the prime proposal, when practicable.
- (xvi) Provide estimating and budgeting practices that consistently generate sound proposals that are compliant with the provisions of the solicitation and are adequate to serve as a basis to reach a fair and reasonable price.
- (xvii) Have an adequate system description, including policies, procedures, and estimating and budgeting practices, that comply with the Federal Acquisition Regulation (48 CFR Chapter 1) and DEAR (48 CFR Chapter 9).

(e) Significant deficiencies.

- (1) The CO will provide an initial determination to the Contractor, in writing, of any significant deficiencies. The initial determination will describe the deficiency in sufficient detail to allow the Contractor to understand the deficiency.
- (2) The Contractor shall respond within 30 days to a written initial determination from the CO that identifies significant deficiencies in the Contractor's estimating system. If the Contractor disagrees with the initial determination, the Contractor shall state, in writing, its rationale for disagreeing. In the event the Contractor did not respond in writing to the initial determination within the response time, this lack of response shall indicate that the Contractor agrees with the initial determination.
- (3) The CO will evaluate the Contractor's response or the Contractor's lack of response and notify the Contractor, in writing, of the CO's final determination concerning:
 - (i) Remaining significant deficiencies;
 - (ii) The adequacy of any proposed or completed corrective action; and
 - (iii) System disapproval, if the CO determines that one or more significant deficiencies remain.
- (f) If the Contractor receives the CO's final determination of significant deficiencies, the Contractor shall, within 45 days of receipt of the final determination, either correct the significant deficiencies or submit an acceptable corrective action plan showing milestones and actions to eliminate the significant deficiencies.
- (g) Withholding provisional payment(s) of fee. If the CO makes a final determination to disapprove the Contractor's estimating system, and the contract includes the Section H clause entitled, *Contractor Business Systems*, the CO will withhold provisional payment(s) of fee in accordance with that clause.

H.17 DOE-H-2024 Earned Value Management System (Mar 2019) (Revised)

Definitions. As used in this clause:

"Acceptable Earned Value Management System" means an earned value management system (EVMS) that complies with system criteria set forth in paragraph (a) this clause.

"Contract Funds Status Report" (CFSR) includes data to support forecasting, planning and decision making. DOE's CFSR Data Item Description is to be used for the CFSR.

"Earned Value Management System" means an integrated set of policies, procedures and practices to objectively track performance on a project or program.

"Integrated Master Plan" (IMP) means an event-based plan consisting of a hierarchy of program events, each supported by specific accomplishments, and each accomplishment associated with specific criteria to be satisfied for its completion.

"Integrated Master Schedule" (IMS) means a networked, multi-layered list of tasks required to complete the work captured in a related IMP. The IMS should include all IMP events and accomplishments and support each accomplishment closure criteria. The IMS should contain a critical path and be resource-loaded with labor, material and equipment costs to include unit prices and quantities.

“Integrated Performance Management Report” (IPMR) includes data submitted monthly by the contractor from its EVMS. DOE’s IPMR Data Item Description is to be used for the IPMR.

“Over Target Baseline” means an overrun to the Contract Budget Base which is formally incorporated into the Performance Measurement Baseline for management purposes.

“Over Target Schedule” means the condition in which a baseline schedule is time-phased beyond the contract completion date.

“Significant deficiency” means a shortcoming in the system that materially affects the ability of DOE officials to rely upon information produced by the EVMS for management purposes.

“Work Breakdown Structure” means a product-oriented hierarchy of tasks to be performed by the project team in support of project objectives.

(a) System criteria. In performing this contract, the Contractor shall establish, maintain, and use:

- (1) Integrated performance management system. Central to this system shall be an EVMS that that complies with the Electronic Industries Alliance Standard 748 (EIA-748), including a System Description. The EVMS shall be linked to and supported by the contractor’s various management systems, including work definition, planning and scheduling, work authorization and budgeting, performance measurement and analysis, change management, materials and subcontract management, cost estimating, accounting, and risk management.
- (2) Management procedures. The contractor shall have procedures that enable timely, reliable, and verifiable information.
 - (i) Pursuant to the IPMR and IMS data items under this contract, the contractor shall maintain an IPMR and IMS that logically networks all project activities, reflecting the National Defense Industrial Association Planning & Scheduling Excellence Guide and the GAO Schedule Assessment Guide.
 - (ii) As required by the CFSR data item under this contract, the contractor shall develop and submit a CFSR, and must reconcile the CFSR with the IPMR on a quarterly basis.
 - (iii) All reporting must correspond to the applicable WBS elements, and shall be submitted timely and accurately and be current as of the close of the previous month's accounting period. (Note: The contractor should not establish a separate or unique internal performance management system solely for the purposes of the contract.)
 - (iv) IPMR and CFSR data shall be submitted by the Contractor by uploading the data into Project Assessment and Reporting System (PARS) in accordance with the "Contractor Project Performance Upload Requirements" document maintained by the DOE Office of Project Management.

(b) EVMS certification.

- (1) For contracts supporting projects valued at \$100M or more, the contractor’s EVMS must be formally certified by the cognizant Federal agency as compliant with the EIA-748 guidelines (current version at the time of award). Pursuant to DOE Order 413.3, the DOE Office of Project Management is DOE’s EVMS certifying authority. If, at the time of award, the contractor’s EVMS has not been determined to be in compliance with the EIA-748 guidelines, the contractor shall apply its current system to the contract and shall take necessary actions to meet the milestones in its EVMS plan.

- (2) For contracts supporting projects valued at less than \$100M but greater than \$50M, the contractor's EVMS must be compliant with EIA-748; however, external certification is not required. The use of the contractor's EVMS for this contract does not imply a Government determination of EIA-748 compliance for application to future contracts.
- (c) Changes to the EVMS. The Contractor shall submit notification of all proposed changes to the EVMS procedures and the impact of those changes to the CO. If the contractor has one or more contracts in support of DOE capital asset projects that are valued at \$100M or more, unless a waiver is granted by DOE, any EVMS changes proposed by the contractor require approval of DOE prior to implementation. DOE will advise the contractor of the acceptability of such changes as soon as practicable (generally within 30 calendar days) after receipt of the contractor's notice of proposed changes. If DOE waives the advance approval requirements, the Contractor shall disclose EVMS changes to DOE at least 14 calendar days prior to the effective date of implementation.
- (d) Integrated baseline reviews. DOE will conduct an Integrated Baseline Review (IBR) not later than 180 calendar days after the NTP, the exercise of significant contract options, and the incorporation of major modifications. DOE and the contractor will use the IBR process described in the NDIA IBR Guide (or current version). During IBRs, the project baseline will be jointly scrutinized by the Government and the contractor to ensure complete coverage of the statement of work, logical scheduling of the work activities, adequate resourcing, and identification of inherent risks.
- (e) Access to records. The Contractor shall provide access to all pertinent records and data requested by the CO or duly authorized representative to permit surveillance to ensure that the EVMS continues to comply with the criteria referenced in paragraph (a) of this clause.
- (f) Restructuring actions. In the event that the contractor concludes the performance baseline no longer represents a realistic plan, the contractor may determine that an over-target schedule or over-target baseline restructuring action is necessary. The contractor shall obtain approval of the CO prior to implementing such restructuring actions. The request should also include detailed implementation procedures as well as a timeframe in accordance with the System Description. DOE will acknowledge receipt of the request in a timely manner (generally within 30 calendar days).
- (g) Significant deficiencies.
 - (1) The CO will provide a determination to the contractor, in writing, on any significant EVMS deficiencies. The determination will describe the deficiency in sufficient detail to allow the contractor to understand the deficiency.
 - (2) The contractor shall respond within 30 working days to a written determination from the CO that identifies significant deficiencies in the contractor's EVMS. If the contractor disagrees with the determination, the contractor shall state, in writing, its rationale for disagreeing. In the event the contractor does not respond in writing to the determination within the response time, this shall indicate that the Contractor agrees with the determination.
 - (3) The CO will evaluate the contractor's response or lack of response and notify the contractor, in writing, of the CO's final determination concerning:
 - (i) Remaining significant deficiencies;
 - (ii) The adequacy of any proposed or completed corrective action;
 - (iii) System noncompliance, when the contractor's existing EVMS fails to comply with the EVMS guidelines in EIA-748; and

- (iv) System disapproval, if corrections to the contractor's EVMS are not successfully completed within the timeframe set forth by the CO. When the CO determines that the existing EVMS contains one or more significant deficiencies, the CO will use discretion to disapprove the EVMS based on input received from the DOE Office of Project Management.
- (4) When the contractor receives the CO's determination of significant deficiencies, the contractor shall, within 45 days of receipt of the final determination, either correct the significant deficiencies or submit an acceptable corrective action plan showing milestones and actions to eliminate the significant deficiencies.
- (h) Withholding provisional payment(s) of fee. In the event that the contractor's EVMS is disapproved in accordance with subparagraph (g)(3)(iv), the Contracting Officer will withhold provisional payment(s) of fee until which time the contractor has resolved all EVMS deficiencies.
- (i) Flowdown requirements. With the exception of paragraphs (g) and (h) of this clause, for contracts supporting projects requiring EVMS, the contractor shall flow down appropriate EVMS requirements to its subcontractors.
 - (1) The EVMS certification requirement applies to subcontractors meeting the criteria in paragraph (b) of this clause. In this event, the cognizant Federal agency, working through the prime contractor, will assess whether the subcontractor's system satisfies the EVMS guidelines contained in EIA-748.
 - (2) The prime contractor is responsible for reviewing and assuring the validity of all subcontractor reports. Cost and schedule reporting requirements are not to be confused with EVMS certification, as described in paragraph (i)(1) above.
 - (3) For subcontracts valued at \$100 million or more, the following subcontractors shall comply with the requirements of this clause, excluding those in paragraphs (g) and (h):

[CO to insert names of subcontractors (or Firm-Fixed-Price subcontracted effort if subcontractors have not been selected) designated for application of the EVMS requirements of this clause.]
 - (4) For subcontracts valued at less than \$100 million, the following subcontractors shall comply with the requirements of this clause, excluding those in paragraphs (g) and (h):

[CO to insert names of subcontractors (or subcontracted effort if subcontractors have not been selected) designated for application of the EVMS requirements of this clause.]
- (j) Extending a previous contractor's certified EVMS. If a contractor plans to adopt the existing system from the previous contractor or DOE site, the contractor is responsible for the system and shall comply with the system requirements required in this clause. The existing system shall utilize the same DOE-approved processes and procedures as the previous system. The contractor shall:
 - (1) Identify the corporate entity that owns the certified EVMS and provide the certification documentation;
 - (2) Obtain prior approval from the CO, who will be advised by the Office of Project Management, for proposed EVMS and surveillance changes;
 - (3) Be responsible for full compliance with paragraph (a) of this clause; and

- (4) Be responsible for correcting any significant deficiencies previously identified to the previous contractor by the CO in accordance with paragraph (g) of this clause. Within 45 days after receiving a copy of the previous contractor's final determination, the contractor shall either correct any significant deficiencies or submit an acceptable corrective action plan. The CO, working jointly with the Office of Project Management, will provide a written final determination—to potentially include an implementation review—before extending the certification.

H.18 DOE-H-2025 Accounting System Administration (Oct 2014) (Revised)

(a) Definitions. As used in this clause:

- (1) Acceptable accounting system means a system that complies with the system criteria in paragraph (c) of this clause, to provide reasonable assurance that:
 - (i) Applicable laws and regulations are complied with;
 - (ii) The accounting system and cost data are reliable;
 - (iii) Risk of misallocations and mischarges are minimized; and
 - (iv) Contract allocations and charges are consistent with billing procedures.
- (2) Accounting system means the Contractor's system or systems for accounting methods, procedures, and controls established to gather, record, classify, analyze, summarize, interpret, and present accurate and timely financial data for reporting in compliance with applicable laws, regulations, and management decisions, and may include subsystems for specific areas such as indirect and other direct costs, compensation, billing, labor, and general information technology.
- (3) Significant deficiency means a shortcoming in the system that materially affects the ability of officials of DOE to rely upon information produced by the system that is needed for management purposes.

(b) General.

The Contractor shall establish and maintain an acceptable accounting system. If the Contractor plans to adopt the existing system from the previous Contractor, the Contractor is responsible for the system and shall comply with the system criteria required in this clause. The Contractor shall provide in writing to the CO documentation that its accounting system meets the system criteria in paragraph (c) of this clause no later than 60 days after the NTP. Failure to maintain an acceptable accounting system, as defined in this clause, shall result in the withholding of payments if the contract includes the Section H Clause, *Contractor Business Systems*, and also may result in disapproval of the system.

(c) System criteria.

The Contractor's accounting system shall provide for:

- (1) A sound internal control environment, accounting framework, and organizational structure;
- (2) Proper segregation of direct costs from indirect costs;
- (3) Identification and accumulation of direct costs by contract;

- (4) A logical and consistent method for the accumulation and allocation of indirect costs to intermediate and final cost objectives;
 - (5) Accumulation of costs under general ledger control;
 - (6) Reconciliation of subsidiary cost ledgers and cost objectives to general ledger;
 - (7) Approval and documentation of adjusting entries;
 - (8) Management reviews or internal audits of the system to ensure compliance with the Contractor's established policies, procedures, and accounting practices;
 - (9) A timekeeping system that identifies employees' labor by intermediate or final cost objectives;
 - (10) A labor distribution system that charges direct and indirect labor to the appropriate cost objectives;
 - (11) Interim (at least monthly) determination of costs charged to a contract through routine posting of books of account;
 - (12) Exclusion from costs charged to Government contracts of amounts which are not allowable in terms of 48 CFR31 entitled, *Contract Cost Principles and Procedures*, and other contract provisions;
 - (13) Identification of costs by contract line item and by units (as if each unit or line item were a separate contract), if required by the contract;
 - (14) Segregation of preproduction costs from production costs, as applicable;
 - (15) Cost accounting information, as required:
 - (i) By contract clauses concerning limitation of funds (48 CFR 52.232-22), allowable cost and payment (48 CFR 52.216-7), or payments and advanced (48 CFR 970.5232-2); and
 - (ii) To readily calculate indirect cost rates from the books of accounts.
 - (16) Billings that can be reconciled to the cost accounts for both current and cumulative amounts claimed and comply with contract terms;
 - (17) Adequate, reliable data for use in pricing follow-on acquisitions; and
 - (18) Accounting practices in accordance with standards promulgated by the Cost Accounting Standards Board, if applicable, otherwise, Generally Accepted Accounting Principles.
- (d) Significant deficiencies.
- (1) The CO will provide an initial determination to the Contractor, in writing, on any significant deficiencies. The initial determination will describe the deficiency in sufficient detail to allow the Contractor to understand the deficiency.
 - (2) The Contractor shall respond within 30 days to a written initial determination from the CO that identifies significant deficiencies in the Contractor's accounting system. If the Contractor disagrees with the initial determination, the Contractor shall state, in writing, its rationale for

disagreeing. In the event the Contractor does not respond in writing to the initial determination within the response time, this lack of response shall indicate that the Contractor agrees with the initial determination.

- (3) The CO will evaluate the Contractor's response or the Contractor's lack of response and notify the Contractor, in writing, of the CO final determination concerning:
 - (i) Remaining significant deficiencies;
 - (ii) The adequacy of any proposed or completed corrective action; and
 - (iii) System disapproval, if the CO determines that one or more significant deficiencies remain.
- (e) If the Contractor receives the CO's final determination of significant deficiencies, the Contractor shall, within 45 days of receipt of the final determination, either correct the significant deficiencies or submit an acceptable corrective action plan showing milestones and actions to eliminate the significant deficiencies.
- (f) Withholding provisional payment(s) of fee. If the CO makes a final determination to disapprove the Contractor's accounting system, and the Contract includes the Section H clause entitled, *Contractor Business Systems*, the CO will withhold provisional payment(s) of fee in accordance with that clause.

H.19 DOE-H-2026 Contractor Purchasing System Administration (Oct 2014) (Revised)

- (a) Definitions. As used in this clause:

"Acceptable purchasing system" means a purchasing system that complies with the system criteria in paragraph (c) of this clause.

"Purchasing system" means the Contractor's system or systems for purchasing and subcontracting, including make-or-buy decisions, the selection of vendors, analysis of quoted prices, negotiation of prices with vendors, placing and administering of orders, and expediting delivery of materials.

"Significant deficiency" means a shortcoming in the system that materially affects the ability of officials of the DOE to rely upon information produced by the system that is needed for management purposes.

- (b) General.

The Contractor shall establish and maintain an acceptable purchasing system. If the Contractor plans to adopt the existing system from the previous Contractor, the Contractor is responsible for the system and shall comply with the system criteria required in this clause. The Contractor shall provide in writing to the CO documentation that its purchasing system meets the system criteria in paragraph (c) of this clause no later than 60 days after the NTP. Failure to maintain an acceptable purchasing system, as defined in this clause, may result in disapproval of the system by the CO and/or withholding of payments.

(c) System criteria.

The Contractor's purchasing system shall:

- (1) Have an adequate system description including policies, procedures, and purchasing practices that comply with the FAR (48 CFR Chapter 1) and the DOE Acquisition Regulation (48 CFR Chapter 9);
- (2) Ensure that all applicable purchase orders and subcontracts contain all flow down clauses, including terms and conditions and any other clauses needed to carry out the requirements of the prime contract;
- (3) Maintain an organization plan that establishes clear lines of authority and responsibility;
- (4) Ensure all purchase orders are based on authorized requisitions and include a complete and accurate history of purchase transactions to support vendor selected, price paid, and document the subcontract/purchase order files which are subject to Government review;
- (5) Establish and maintain adequate documentation to provide a complete and accurate history of purchase transactions to support vendors selected and prices paid;
- (6) Apply a consistent make-or-buy policy that is in the best interest of the Government;
- (7) Use competitive sourcing to the maximum extent practicable, and ensure debarred or suspended contractors are properly excluded from contract award;
- (8) Evaluate price, quality, delivery, technical capabilities, and financial capabilities of competing vendors to ensure fair and reasonable prices in accordance with 48 CFR 15.404-1;
- (9) Require management level justification and adequate cost or price analysis, as applicable, for any sole or single source award;
- (10) Perform timely and adequate cost or price analysis and technical evaluation for each subcontractor and supplier proposal or quote to ensure fair and reasonable subcontract prices in accordance with 48 CFR 15.404-3;
- (11) Document negotiations in accordance with 48 CFR 15.406-3;
- (12) Seek, take, and document economically feasible purchase discounts, including cash discounts, trade discounts, quantity discounts, rebates, freight allowances, and company-wide volume discounts;
- (13) Ensure proper type of contract selection in accordance with 48 CFR 16 and prohibit issuance of cost-plus-a-percentage-of-cost subcontracts;
- (14) Maintain subcontract surveillance to ensure timely delivery of an acceptable product and procedures to notify the Government of potential subcontract problems that may impact delivery, quantity, or price;
- (15) Document and justify reasons for subcontract changes that affect cost or price;

- (16) Notify the Government of the award of all subcontracts that contain the 48 CFR Chapter 1 and 48 CFR Chapter 9 flow down clauses that allow for Government audit of those subcontracts, and ensure the performance of audits of those subcontracts;
- (17) Enforce adequate policies on conflict of interest, gifts, and gratuities, including the requirements of the 41 United States Code (USC) Chapter 87, *Kickbacks*;
- (18) Perform internal audits or management reviews, training, and maintain policies and procedures for the purchasing department to ensure the integrity of the purchasing system;
- (19) Establish and maintain policies and procedures to ensure purchase orders and subcontracts contain mandatory and applicable flow down clauses, as required by 48 CFR Chapter 1, including terms and conditions required by the prime contract and any clauses required to carry out the requirements of the prime contract;
- (20) Provide for an organizational and administrative structure that ensures effective and efficient procurement of required quality materials and parts at the best value from responsible and reliable sources;
- (21) Establish and maintain selection processes to ensure the most responsive and responsible sources for furnishing required quality parts and materials and to promote competitive sourcing among dependable suppliers so that purchases are reasonably priced and from sources that meet contractor quality requirements;
- (22) Establish and maintain procedures to ensure performance of adequate price or cost analysis on purchasing actions;
- (23) Establish and maintain procedures to ensure that proper types of subcontracts are selected, and that there are controls over subcontracting, including oversight and surveillance of subcontracted effort;
- (24) Establish and perform Annual Subcontract Audit plans with audits consistent with IIA and/or Generally Accepted Government Auditing Standards audit standards; and
- (25) Establish and maintain procedures to timely notify the CO, in writing, if:
 - (i) The Contractor changes the amount of subcontract effort after award such that it exceeds 70 percent of the total cost of the work to be performed under the Contract, Task Order, or delivery order. The notification shall identify the revised cost of the subcontract effort and shall include verification that the Contractor will provide added value; or
 - (ii) Any subcontractor changes the amount of lower-tier subcontractor effort after award such that it exceeds 70 percent of the total cost of the work to be performed under its subcontract. The notification shall identify the revised cost of the subcontract effort and shall include verification that the subcontractor will provide added value as related to the work to be performed by the lower-tier subcontractor(s).

(d) Significant deficiencies.

- (1) The CO will provide notification of initial determination to the Contractor, in writing, of any significant deficiencies. The initial determination will describe the deficiency in sufficient detail to allow the Contractor to understand the deficiency.
- (2) The Contractor shall respond within 30 days to a written initial determination from the CO that identifies significant deficiencies in the Contractor's purchasing system. If the Contractor disagrees with the initial determination, the Contractor shall state, in writing, its rationale for disagreeing. In the event the Contractor does not respond in writing to the initial determination within the response time, this lack of response shall indicate that the Contractor agrees with the initial determination.
- (3) The CO will evaluate the Contractor's response or the Contractor's lack of response and notify the Contractor, in writing, of the CO's final determination concerning:
 - (i) Remaining significant deficiencies;
 - (ii) The adequacy of any proposed or completed corrective action; and
 - (iii) System disapproval, if the CO determines that one or more significant deficiencies remain.
- (e) If the Contractor receives the CO's final determination of significant deficiencies, the Contractor shall, within 45 days of receipt of the final determination, either correct the significant deficiencies or submit an acceptable corrective action plan showing milestones and actions to eliminate the deficiencies.
- (f) Withholding provisional payment(s) of fee. If the CO makes a final determination to disapprove the Contractor's purchasing system, and the contract includes the Section H clause entitled, *Contractor Business Systems*, the CO will withhold provisional payment(s) of fee in accordance with that clause.

H.20 DOE-H-2027 Contractor Property Management System Administration (Oct 2014) (Revised)

- (a) Definitions. Property in this clause refers to personal property only. As used in this clause:
 - (1) "Acceptable property management system" means a property system that complies with the system criteria in paragraph (c) of this clause.
 - (2) "Property management system" means the Contractor's system or systems for managing and controlling Government property.
 - (3) "Significant deficiency" means a shortcoming in the system that materially affects the ability of officials of the DOE to rely upon information produced by the system that is needed for management purposes.
- (b) General.

The Contractor shall establish and maintain an acceptable property management system. If the Contractor plans to adopt the existing system from the previous contractor, the Contractor is responsible for the system and shall comply with the system criteria required in this clause. The Contractor shall provide in writing to the CO documentation that its property management system

meets the system criteria in paragraph (c) of this clause no later than 60 days after the NTP. Failure to maintain an acceptable property management system, as defined in this clause, may result in disapproval of the system by the CO and/or withholding of payments.

(c) System criteria.

The Contractor's property management system shall be in accordance with paragraph (f) of the Contract clause at 48 CFR 52.245-1.

(d) Significant deficiencies.

- (1) The CO will provide an initial determination to the Contractor, in writing, of any significant deficiencies. The initial determination will describe the deficiency in sufficient detail to allow the Contractor to understand the deficiency.
- (2) The Contractor shall respond within 30 days to a written initial determination from the CO that identifies significant deficiencies in the Contractor's property management system. If the Contractor disagrees with the initial determination, the Contractor shall state, in writing, its rationale for disagreeing. In the event the Contractor does not respond in writing to the initial determination within the response time, this lack of response shall indicate that the Contractor agrees with the initial determination.
- (3) The CO will evaluate the Contractor's response or the Contractor's lack of response and notify the Contractor, in writing, of the CO's final determination concerning:
 - (i) Remaining significant deficiencies;
 - (ii) The adequacy of any proposed or completed corrective action; and
 - (iii) System disapproval, if the CO determines that one or more significant deficiencies remain.
- (e) If the Contractor receives the CO's final determination of significant deficiencies, the Contractor shall, within 45 days of receipt of the final determination, either correct the significant deficiencies or submit an acceptable corrective action plan showing milestones and actions to eliminate the significant deficiencies.
- (f) Withholding provisional payment(s) of fee. If the CO makes a final determination to disapprove the Contractor's property management system, and the Contract includes the Section H clause entitled, *Contractor Business Systems*, the CO will withhold provisional payment(s) of fee in accordance with that clause.

DOE Corporate Clauses Other than Contractor Human Resource Management or Business Systems

H.21 DOE-H-2014 Contractor Acceptance of Notices of Violation or Alleged Violations, Fines, and Penalties (Oct 2014) (Revised)

- (a) The Contractor shall accept, in its own name, notices of violation(s) or alleged violations (NOVs/NOAVs) issued by federal or state regulators to the Contractor resulting from the Contractor's performance of work under this contract, without regard to liability. The allowability of the costs associated with fines and penalties shall be subject to other provisions of this Contract.

- (b) Liability and responsibility for fines or penalties and associated costs arising from or related to violations of environmental requirements imposed by applicable Federal, state, and local environmental laws and regulations, including, without limitation, statutes, ordinances, regulations, court orders, consent decrees, administrative orders, or compliance agreements, consent orders, permits, and licenses; and safety, health or quality requirements shall be borne by the party that caused the violation(s). This clause resolves liability for fines and penalties though the cognizant regulatory authority may assess such fines or penalties upon either party or both parties without regard to the allocation of responsibility or liability under this contract. The allocation of liability for such fine or penalty is effective regardless of which party signs permit application, manifest, reports or other required documents, is assessed a fine or penalty, is a permittee, or is named subject of an enforcement action.
- (c) After providing DOE advance written notice, the Contractor shall conduct negotiations with regulators regarding NOV/NOAVs and fine and penalties. DOE may participate in all negotiations with regulatory agencies regarding permits, fines, penalties, and any other proposed notice, notice, administrative order, and any similar type of notice as described in paragraphs (a) and (b) above. However, the Contractor shall not make any commitments or offers to regulators that would bind the Government, including monetary obligations, without first obtaining written approval from the CO. Failure to obtain advance written approval may result in otherwise allowable costs being declared unallowable and/or the Contractor being liable for any excess costs to the Government associated with or resulting from such offers/commitments.
- (d) The Contractor shall notify DOE promptly when it receives service from the regulators of NOV/NOAVs and fines and penalties.

H.22 DOE-H-2016 Performance Guarantee Agreement (Oct 2014)

The Contractor's parent organization(s) or all member organizations if the Contractor is a joint venture, limited liability company, or other similar entity, shall guarantee performance of the contract as evidenced by **Section J, Attachment J-14, *Executed Performance Guarantee Agreement*** incorporated in the Contract. If the Contractor is a joint venture, limited liability company, or other similar entity where more than one organization is involved, the parent(s) or all member organizations shall assume joint and severable liability for the performance of the contract. In the event any of the signatories to the Performance Guarantee Agreement enters into proceedings related to bankruptcy, whether voluntary or involuntary, the Contractor agrees to furnish written notification of the bankruptcy to the CO.

H.23 DOE-H-2017 Responsible Corporate Official and Corporate Board of Directors (Oct 2014) (Revised)

The Contractor has provided a guarantee of performance from its parent company(s) in the form set forth in **Section J, Attachment J-14, *Executed Performance Guarantee Agreement***. The individual signing the *Performance Guarantee Agreement* for the parent company(s) should be the Responsible Corporate Official. The Responsible Corporate Official is the person who has sole corporate (parent company(s)) authority and accountability for Contractor performance. DOE may contact, as necessary, the single Responsible Corporate Official identified below regarding Contract performance issues. The parent companies shall proactively support the Responsible Corporate Official to ensure adverse contract performance issues are avoided, identified, and/or resolved in a timely manner. The Responsible Corporate Official shall promptly notify the DOE CO of the corrective actions (both taken and planned) to address the adverse contract performance.

Responsible Corporate Official:

Name: James E. Rugg
Position: Responsible Corporate Official, Mission Conversion Services Alliance, LLC/President, Atkins Nuclear Secured, LLC
Company/Organization: Mission Conversion Services Alliance, LLC
Address: 545 Oak Ridge Turnpike, Oak Ridge TN 37830-7187
Phone: (865) 685-8173
Facsimile: (865) 276-1160
Email: jim.rugg@atkinsrealisusn.com

Should the Responsible Corporate Official or their contact information change during the period of the Contract, the Contractor shall promptly notify the CO in writing of the change.

Identified below is each member of the Corporate Board of Directors that will have corporate oversight. DOE may contact, as necessary, any member of the Corporate Board of Directors, who is accountable for corporate oversight of the Contractor organization and key personnel.

Corporate Board of Directors:

Name: James E. Rugg
Position: President/Chair, MCSA Board of Managers
Company/Organization: Atkins Nuclear Secured, LLC
Address: 545 Oak Ridge Turnpike, Oak Ridge, TN 37830-7187
Phone: (865) 685-8173
Facsimile: (865) 276-1160
Email: jim.rugg@atkinsrealisusn.com

Name: Ralph E. Holland
Position: Vice President, Commercial Development
Company/Organization: Atkins Nuclear Secured, LLC
Address: 545 Oak Ridge Turnpike, Oak Ridge, TN 37830-7187
Phone: (937) 825-6644
Facsimile: (865) 276-1160
Email: ralph.holland@atkinsrealisusn.com

Name: Katherine L. Gregory
Position: Senior Consultant II, Energy
Company/Organization: Atkins Nuclear Secured, LLC
Address: 545 Oak Ridge Turnpike, Oak Ridge, TN 37830-7187
Phone: (808) 351-5631
Facsimile: (865) 276-1160
Email: kate.gregory@atkinsrealisusn.com

Name: Richard J. Rademacher
Position: President & Chief Executive Officer
Company/Organization: Westinghouse Government Services LLC
Address: 5801 Bluff Road, Hopkins, SC 29061
Phone: (434) 916-6627

Facsimile: N/A
Email: rrademacher@westinghousegovservices.com

Name: William Ferguson
Position: Vice President, Controller and Secretary
Company/Organization: Westinghouse Government Services LLC
Address: 164 E Mt Gallant Road, Rock Hill, SC 29730
Phone: (980) 859-6990
Facsimile: N/A
Email: wferguson@westinghousegovservices.com

Name: Michael Koch
Position: Chief Engineer, North American Nuclear
Company/Organization: Jacobs Technology Inc.
Address: 1835 Terminal Drive, Suite 150, Richland, WA 99354
Phone: (509) 531-9628
Facsimile: N/A
Email: Michael.koch@jacobs.com

Should any change occur to the Corporate Board of Directors, the majority interest, or their contact information during the period of the Contract, the Contractor shall promptly notify the CO in writing of the change.

The Responsible Corporate Official and Corporate Board of Directors shall be engaged and accountable for performance of the contract scope and the highest standard of business integrity through the Contractor's robust performance assurance system in accordance with DOE Order 226.1 *Implementation of Department of Energy Oversight Policy* and H.49, *Contractor Assurance System*. The Responsible Corporate Official through the Contractor shall submit to the CO a quarterly report using appropriate corporate metrics for DOE review. The quarterly report shall be risk-informed and a credible self-assessment that includes individual project performance, technical solutions, as needed, and appropriate coverage of potentially high consequence activities under the contract, including work of subcontractors. The annual Contractor Performance Assessment Reporting System (CPARS) evaluation shall consider the execution of the requirements of this clause, including the Contractor's performance managing its subcontractors.

H.24 DOE-H-2018 Privacy Act Systems of Records (Oct 2014) (Revised)

The Contractor shall adopt or recommend the amendment of the following systems of records on individuals to accomplish an agency function pursuant to I.112, FAR 52.224-2, *Privacy Act*.

Table H-1. Systems of Records

DOE Privacy Act System No.	DOE Privacy Act System Description
DOE-3	Employee Concerns Program Records
DOE-5	Personnel Records of Former Contractor Employees (Includes All Former Workers)
DOE-10	Energy Employees Occupational Illness Compensation Program Act Files
DOE-11	Emergency Operations Notification Call List

Table H-1. Systems of Records

DOE Privacy Act System No.	DOE Privacy Act System Description
DOE-14	Report of Compensation
DOE-18	Financial Accounting System
DOE-23	Property Accountability System
DOE-26	Official Travel Records
DOE-28	General Training Records
DOE-31	Firearms Qualification Records
DOE-33	Personnel Medical Records (Present and Former DOE Employees and Contractor Employees)
DOE-34	Employee Assistance Program Records
DOE-35	Personnel Radiation Exposure Records
DOE-38	Occupational and Industrial Accident Records
DOE-41	Legal Files
DOE-43	Personnel Security Clearance Files
DOE-44	Special Access Authorization for Categories of Classified Information
DOE-48	Security Education and/or Infraction Reports
DOE-51	Employee and Visitor Access Control Records
DOE-52	Access Control Records of International Visits, Assignments, and Employment at DOE Facilities and Contractor Sites
DOE-53	Access Authorization for ADP Equipment
DOE-63	Personal Identity Verification Files
DOE-77	Physical Fitness Test Records
DOE-81	Counterintelligence Administrative and Analytical Records and Reports
DOE-84	Counterintelligence Investigative Records
DOE-88	Epidemiologic and Other Health Studies, Surveys, and Surveillances

If the above list does not address all of the systems of records that are generated based on contract performance, then the Contractor shall notify the CO as soon as the discrepancy is discovered. The Contractor shall monitor the identified systems and notify the CO immediately if there is a change to an existing system or if a new system is needed. Lack of notification does not exempt the Contractor from complying with the Privacy Act. To ensure that systems are monitored consistently, the Contractor must review the list annually and notify the CO, in writing, that the list is accurate and up to date.

The above list shall be revised by mutual agreement between the Contractor and the CO, in consultation with the local Privacy Act Officer and/or General Counsel, as necessary, to keep it current. A formal modification to the contract is not required to incorporate these revisions; however, the revisions become

effective upon mutual written agreement of the parties. The mutually agreed-upon revisions shall have the same effect as if they were actually among the systems listed in the table above, for the purpose of satisfying the listing requirement contained in paragraph (a)(1) of the contract clause for FAR 52.224-2 entitled, *Privacy Act*. The revisions will be formally incorporated at the next convenient contract modification. Additional information on Privacy Act Systems of Records can be found on the DOE Privacy Office home page.

FAR 52.224-1 entitled, *Privacy Act Notification*, FAR 52.224-2 entitled, *Privacy Act*, and FAR 52.224-3 entitled, *Privacy Training* are mandatory flow-down clauses that must be included in any subcontract requiring design, development, or operation of a Privacy Act system of record, including third-party medical services contracts. Such subcontracts also require flow down of clauses specifically identifying applicable Privacy Act systems of records into the subcontracts. For example, medical services contracts must include the substance of this clause identifying system of record DOE-33, *Personnel Medical Records*, along with language on records turnover when employees terminate. Subcontracts must also contain scope requirements necessary to ensure DOE and contractor compliance with applicable records management and Privacy Act requirements.

H.25 DOE-H-2019 Disposition of Intellectual Property – Failure to Complete Contract (Jul 2018)

The following provisions shall apply in the event the Contractor does not complete Contract performance for any reason:

- (a) The Government may take possession of and use all technical data, including limited rights data, restricted computer software, and data and software obtained from subcontractors, licensors, and licensees, necessary to complete the work in conformance with this contract, including the right to use the data in any Government solicitations for the completion of the work contemplated under this contract. Technical data includes, but is not limited to, specifications, designs, drawings, operational manuals, flowcharts, software, databases and any other information necessary for the completion of the work under this contract. Limited rights data and restricted computer software will be protected in accordance with the provisions of the Section I clause DEAR 970.5227-1 *Rights in Data - Facilities*. The Contractor shall ensure that its subcontractors and licensors make similar rights available to the Government and its contractors.
- (b) The Contractor agrees to and does hereby grant to the Government an irrevocable, non-exclusive, paid-up license in and to any inventions or discoveries regardless of when conceived or actually reduced to practice by the Contractor, and any other intellectual property, including technical data, which are owned or controlled by the Contractor, at any time through completion of this contract and which are incorporated or embodied in the construction of the facilities or which are utilized in the operation or remediation of the facilities or which cover articles, materials or products manufactured at a facility: (1) to practice or to have practiced by or for the Government at the facility; and (2) to transfer such license with the transfer of that facility. The acceptance or exercise by the Government of the aforesaid rights and license shall not prevent the Government at any time from contesting the enforceability, validity or scope of, or title to, any rights or patents or other intellectual property herein licensed.
- (c) In addition, the Contractor will take all necessary steps to assign permits, authorizations, leases, and licenses in any third party intellectual property to the Government, or such other third party as the Government may designate, that are necessary for the completion of the work contemplated under this Contract.

H.26 DOE-H-2021 Work Stoppage and Shutdown Authorization (Oct 2014) (Revised)

- (a) Imminent Health and Safety Hazard is a given condition or situation which, if not immediately corrected, could result in serious injury or death, including exposure to radiation and toxic/hazardous chemicals. Imminent Danger in relation to the facility safety envelope is a condition, situation, or proposed activity which, if not terminated, could cause, prevent mitigation of, or seriously increase the risk of (1) nuclear criticality, (2) radiation exposure, (3) fire/explosion, and/or (4) toxic hazardous chemical exposure.
- (b) Work Stoppage. In the event of an Imminent Health and Safety Hazard, an activity that could adversely affect the safe operation of, or could cause serious damage to the facility if allowed to continue, or an action that could result in the release of radiological or chemical hazards to the environment in excess of regulatory limits, identified by facility line management or operators or facility health and safety personnel overseeing facility operations, or other individuals, the individual or group identifying the imminent hazard situation shall immediately take actions to eliminate or mitigate the hazard (e.g., directing the operator/implementer of the activity or process causing the imminent hazard to stop work, initiating emergency response actions or other actions) to protect the health and safety of the workers and the public, and to protect DOE facilities and the environment. In the event an Imminent Health and Safety Hazard is identified, the individual or group identifying the hazard should coordinate with an appropriate Contractor official, who will direct the shutdown or other actions, as required. Such mitigating action(s) should subsequently be coordinated with the DOE and Contractor management. The suspension or stop-work order should be promptly confirmed in writing by the CO.
- (c) Shutdown. In the event of an imminent danger in relation to the facility safety envelope or a non-Imminent Health and Safety Hazard identified by facility line managers, facility operators, health and safety personnel overseeing facility operations, or other individuals, the individual or group identifying the potential health and safety hazard may recommend facility shutdown in addition to any immediate actions needed to mitigate the situation. However, the recommendation must be coordinated with Contractor management, and the DOE Site Manager. Any written direction to suspend operations shall be issued by the CO.
- (d) This clause flows down to all subcontractors at all tiers. Therefore, the Contractor shall insert a clause, modified appropriately to substitute "Contractor Representative" for "the CO" in all subcontracts.

H.27 DOE-H-2033 Alternative Dispute Resolution (Oct 2014)

- (a) DOE and the Contractor both recognize that methods for fair and efficient resolution of contractual issues in controversy by mutual agreement are essential to the successful and timely completion of contract requirements. Accordingly, DOE and the Contractor shall use their best efforts to informally resolve any contractual issue in controversy by mutual agreement. Issues of controversy may include a dispute, claim, question, or other disagreement. The parties agree to negotiate with each other in good faith, recognizing their mutual interests, and attempt to reach a just and equitable solution satisfactory to both parties.
- (b) If a mutual agreement cannot be reached through negotiations within a reasonable period of time, the parties may use a process of alternate dispute resolution (ADR) in accordance with the clause at FAR 52.233-1 entitled, *Disputes*. The ADR process may involve mediation, facilitation, fact-finding, group conflict management, and conflict coaching by a neutral party. The neutral party may be an individual, a board comprised of independent experts, or a company with specific expertise in conflict resolution or expertise in the specific area of controversy. The neutral party

will not render a binding decision, but will assist the parties in reaching a mutually satisfactory agreement. Any opinions of the neutral party shall not be admissible as evidence in any subsequent litigation proceedings.

- (c) Either party may request that the ADR process be used. The Contractor shall make a written request to the CO, and the CO shall make a written request to the appropriate official of the Contractor. A voluntary election by both parties is required to participate in the ADR process. The parties must agree on the procedures and terms of the process, and officials of both parties who have the authority to resolve the issue must participate in the agreed-upon process.
- (d) ADR procedures may be used at any time that the CO has the authority to resolve the issue in controversy. If a claim has been submitted by the Contractor, ADR procedures may be applied to all or a portion of the claim. If ADR procedures are used subsequent to issuance of a CO's final decision under the clause at FAR 52.233-1 entitled, *Disputes*, their use does not alter any of the time limitations or procedural requirements for filing an appeal of the CO's final decision and does not constitute reconsideration of the final decision.
- (e) If the CO rejects the Contractor's request for ADR proceedings, the CO shall provide the Contractor with a written explanation of the specific reasons the ADR process is not appropriate for the resolution of the dispute. If the Contractor rejects the CO's request to use ADR procedures, the Contractor shall provide the CO with the reasons for rejecting the request.

H.28 DOE-H-2034 Contractor Interface with Other Contractors and/or Government Employees (Oct 2014) (Revised)

The Government may award contracts to other contractors for work to be performed at a DOE-owned or DOE-controlled site or facility. The Contractor shall cooperate fully with all other onsite DOE contractors and Government employees. The Contractor shall coordinate its own work with such other work as may be directed by the CO or a duly authorized representative. The Contractor shall not commit any act which will interfere with the performance of work by any other contractor or by a Government employee and seek CO direction if there is an unresolved conflict.

H.29 DOE-H-2035 Organizational Conflict of Interest Management Plan (Oct 2014) (Revised)

Within 15 days after the Notice to Proceed, the Contractor shall submit to the CO for approval an Organizational Conflict of Interest (OCI) Management Plan (Plan). The Plan shall describe the Contractor's program to identify, avoid, neutralize, or mitigate potential or actual conflicts of interest that exist or may arise during contract performance and otherwise comply with the requirements of the clause at DEAR 952.209-72 entitled, *Organizational Conflicts of Interest*. The Plan shall be periodically updated as required during the term of the contract. The Plan shall include, as a minimum, the following:

- (a) The procedures for identifying and evaluating past, present, and anticipated contracts of the Contractor, its related entities and other performing entities under the Contract.
- (b) The procedures the Contractor will utilize to avoid, neutralize, or mitigate potential or actual conflicts of interest.
- (c) The procedures for reporting actual or potential conflicts of interest to the CO. The resolution of potential or actual conflicts of interest that exist or may arise during contract performance shall be documented as part of the Plan.

- (d) The procedures the Contractor will utilize to oversee, implement, and update the Plan, to include assigning responsibility for management, oversight and compliance to an individual in the Contractor's organization with full authority to implement the Plan.
- (e) The procedures for ensuring all required representations, certifications and factual analyses are submitted to the CO for approval in a timely manner.
- (f) The procedures for protecting agency information that could lead to an unfair competitive advantage if disclosed including collecting disclosure agreements covering all individuals, subcontractors, and other entities with access to agency-sensitive information and physical safeguarding of such information.
- (g) An OCI training and awareness program that includes periodic, recurring training and a process to evidence employee participation.
- (h) The enforceable, employee disciplinary actions to be used by the Contractor for violation of OCI requirements.

H.30 DOE-H-2038 Nuclear Facilities Operations (OCT 2014)

(a) The work under this Contract includes the operation of nuclear facilities. The Contractor recognizes that such operations involve the risk of a nuclear incident which, while the chances are remote, could adversely affect the public's health and safety and the environment. Therefore, the Contractor shall exercise a degree of care commensurate with the risks involved.

(b) As used in this clause, the term "nuclear materials" is a collective term which includes source material, special nuclear material, and those other materials to which, by direction of DOE, the provisions of DOE's Orders or Directives regarding the control of nuclear materials, which have been or may be furnished to the Contractor by DOE, apply. The Contractor shall accept existing procedures and, in a manner satisfactory to the Contracting Officer, propose revised, as appropriate, accounting and measurement procedures, maintain current records and institute appropriate control measures for nuclear materials in its possession commensurate with the national security and DOE policy. The Contractor shall make such reports and permits subject to inspection as DOE may require with reference to nuclear materials. The Contractor shall take all reasonable steps and precautions to protect such materials against theft and misappropriations and to minimize all losses of such materials.

(c) Transfers of nuclear materials shall only be made with the prior written approval of the Contracting Officer, or authorized designee. Nuclear materials in the Contractor's possession, custody, or control shall be used only for furtherance of the work under this Contract. The Contractor shall be responsible for the control of such nuclear materials in accordance with applicable DOE Orders and Directives regarding the control of nuclear materials, which have been or may be issued to the Contractor by DOE. The Contractor shall make a part of each purchase order, subcontract, and other commitment under this Contract involving the use of nuclear materials for which the Contractor has accountability, appropriate terms and conditions for the use of nuclear materials and the responsibilities of the subcontractor or vendor regarding control of nuclear materials. In the case of fixed-price purchase orders, subcontracts, or other commitments involving the use of nuclear materials for which the Contractor has accountability, the terms and conditions with respect to nuclear materials shall also identify who has the financial responsibilities, if any, regarding such items as losses, scrap recovery, product recovery, and disposal

H.31 DOE-H-2043 Assignment and Transfer of Prime Contracts and Subcontracts (Oct 2014) (Revised)

- (a) Assignment and Transfer of other DOE Prime Contracts. During the period of performance of this Contract it may become necessary for the DOE to transfer and assign existing or future DOE prime contracts in whole or in part supporting site work to this Contract. The Contractor shall accept the transfers and assignments of contracts. Transfer and assignment of prime contracts to the Contractor, if any, will be for administration purposes, and once transferred, will become subcontracts to the Contractor. Any recommendations and/or suggestions on individual transfers shall be submitted in writing to the CO prior to the transfer or assignment.
- (b) Assignment and Transfer of this Prime Contract. During the period of performance of this Contract it may become necessary for the DOE to transfer and assign in whole or in part this Contract to another DOE contractor. The Contractor shall accept the transfers and assignment. Transfer and assignment, if any, will be for administration purposes, and once transferred, will become a subcontract to the assignee. Any recommendations and/or suggestions on individual transfers shall be submitted in writing to the CO prior to the transfer or assignment.
- (c) Transfer and Assignment of Subcontracts. The Contractor agrees to transfer and assign or accept transfer and assignment of existing subcontracts including lower-tier subcontracts as determined necessary by DOE for continuity of operations. The transfer and assignment may be to or from another contractor or to or from DOE as a prime contractor. Transfer or assignment of subcontracts to or from the Contractor, if any, will be for administration purposes, and once transferred, will become subcontracts to the Contractor. The Contractor shall use its best efforts to negotiate changes to the assigned subcontracts incorporating mandatory flow-down provisions at no cost. If the subcontractor refuses to accept the changes or requests price adjustments, the Contractor will notify the CO in writing. This Clause is required as a flow-down clause in all subcontracts.

The following subcontracts are determined necessary for transfer to the successor contractor:

<u>Subcontract</u>	<u>Title</u>	<u>Subcontractor Name</u>	<u>Subcontract Number</u>

[TBD]

H.32 DOE-H-2045 Contractor Community Commitment (Oct 2014) (Revised)

- (a) The Contractor shall submit to DOE an annual plan for community commitment activities and report on program progress semi-annually.
- (b) The Contractor's annual plan for community commitment activities will identify those meaningful actions and activities that it intends to implement within the surrounding counties and local municipalities. The Contractor may engage in any community actions or activities it determines meets the objectives of DOE's community commitment policy. It is the policy of the DOE to be a constructive partner in the geographic region in which DOE conducts its business. The basic elements of this policy include: (1) Recognizing the diverse interests of the region and its stakeholders, (2) engaging regional stakeholders in issues and concerns of mutual interest, and (3) recognizing that giving back to the community is a worthwhile business practice. Accordingly, the Contractor agrees that its business operations and performance under the Contract will be consistent with the intent of the policy and elements set forth above. Actions and activities in the areas listed below are representative of the areas in which the Contractor may choose to perform. However, the list is not all-inclusive and is not intended to preclude the Contractor from initiating and performing

other constructive community activities nor involvement in charitable endeavors it deems worthwhile.

- (1) Regional educational outreach programs. The objectives of these programs include teacher enhancement, student support, curriculum enhancement, educational technology, public understanding, and providing the services of contractor employees to schools, colleges, and universities. Regional educational outreach programs could involve providing contractor employees the opportunity to improve their employment skills and opportunities by an educational assistance allowance, provision for outside training programs either during or outside regular work hours, or executive training programs for non-executive employees. This could also involve participating in activities that foster relationships with regional educational institutions and other institutions of higher learning, or encouraging students to pursue science, engineering, and technology careers.
- (2) Community support. The Contractor may directly sponsor specific local community activities or sponsor individual employees to work with a specific local community activity. The Contractor may provide support and assistance to community service organizations. The Contractor may support strategic partnerships with professional and scientific organizations to enhance recruitment into all levels of its organization.
- (c) The Contractor may use fee dollars to pay for such, as it deems appropriate; all such costs to be incurred by the Contractor for these community commitment actions and activities are unallowable and non-reimbursable under the Contract.
- (d) The Contractor shall encourage its subcontractors, at all tiers, to participate in these activities.

H.33 RESERVED

H.34 DOE-H-2052 Representations, Certifications, and Other Statements of the Offeror (Oct 2014) (Revised)

The Contractor's Representations, Certifications, and Other Statements, dated April 17, 2024, made in response to Solicitation No. 89303320REM000070 are hereby incorporated into the contract.

H.35 DOE-H-2053 Worker Safety and Health Program in Accordance with 10 CFR 851 (Oct 2014)

- (a) The Contractor shall comply with all applicable safety and health requirements set forth in 10 CFR 851, *Worker Safety and Health Program*, and any applicable DOE Directives incorporated into the Contract. The Contractor shall develop, implement, and maintain a written Worker Safety and Health Program (WSHP) which shall describe the Contractor's method for complying with and implementing the applicable requirements of 10 CFR 851. The WSHP shall be submitted to and approved by DOE. The approved WSHP must be implemented prior to the start of work. In performance of the work, the Contractor shall provide a safe and healthful workplace and must comply with its approved WSHP and all applicable federal and state environment, health, and safety regulations.
- (b) The Contractor shall take all reasonable precautions to protect the environment, health, and safety of its employees, DOE personnel, and members of the public. When more than one contractor works in a shared workplace, the Contractor shall coordinate with the other contractors to ensure roles, responsibilities, and worker safety and health provisions are clearly delineated. The Contractor shall participate in all emergency response drills and exercises related to the Contractor's work, and interface with other DOE contractors.

- (c) The Contractor shall take all necessary and reasonable steps to minimize the impact of its work on DOE functions and employees, and immediately report all job-related injuries and/or illnesses which occur in any DOE facility to the Contracting Officer Representative (COR). Upon request, the Contractor shall provide to the COR a copy of occupational safety and health self-assessments and/or inspections of work sites for job hazards for work performed at DOE facilities.
- (d) The CO may notify the Contractor, in writing, of any noncompliance with the terms of this clause, and the corrective action(s) to be taken. After receipt of such notice, the Contractor shall immediately take such corrective action(s).
- (e) In the event that the Contractor fails to comply with the terms and conditions of this clause, the CO may, without prejudice to any other legal or contractual rights, issue a stop-work order halting all or any part of the work. Thereafter, the CO may, at his or her discretion, cancel the stop-work order so that the performance of work may be resumed. The Contractor shall not be entitled to an equitable adjustment of the contract amount or extension of the performance schedule due to any stop-work order issued under this clause.
- (f) The Contractor shall flow down the requirements of this clause to all subcontracts at any tier.
- (g) In the event of a conflict between the requirements of this clause and 10 CFR 851, the requirements of 10 CFR 851 shall take precedence.

H.36 DOE-H-2058 Designation and Consent of Teaming Subcontracts (Oct 2014) (Revised)

- (a) The following subcontractors have been determined to be Teaming Subcontractors:
- Swift & Staley Inc.
 - Akima Centerra Integrated Services, LLC (ACIS)
- (a) In the event that the Contractor plans either to award or use a new Teaming Subcontractor or replace an existing, approved Teaming Subcontractor identified in paragraph (a) above, the Contractor shall provide advance notification to, and obtain consent from, the CO, notwithstanding the consent requirements under any approved purchasing system or any other terms or conditions of the contract. Consent to these subcontracts is retained by the CO and will not be delegated.
- (b) In the event that the Contractor proposes to use a new, or replace, one or more of the approved Teaming Subcontractors identified in paragraph (a) above in performance of an individual Task Order under the IDIQ CLIN(s), the Contractor shall provide advance notification to, and obtain consent from the cognizant Contracting Officer notwithstanding any other terms and conditions of the contract. Consent of these subcontracts is retained by the cognizant Contracting Officer for the Task Order and will not be delegated. The requirements of this paragraph (c) apply when the Contractor proposes the use of a new Teaming Subcontractor either prior to or subsequent to the award of the individual Task Order. The Contractor shall provide rationale and a detailed explanation including the equivalency or similarity of the experience and qualifications to the above listed Teaming Subcontractor and any other information requested by the cognizant Contracting Officer. Consent may be provided on a one time basis only and should not be construed as authorizing the use of the new Teaming Subcontractor on future Task Orders.

H.37 DOE-H-2059 Preservation of Antiquities, Wildlife, and Land Areas (Oct 2014)

- (a) Federal Law provides for the protection of antiquities located on land owned or controlled by the Government. Antiquities include Indian graves or campsites, relics and artifacts. The Contractor shall control the movements of its personnel and its subcontractor's personnel at the job site to ensure that any existing antiquities discovered thereon will not be disturbed or destroyed by such personnel. It shall be the duty of the Contractor to report to the CO the existence of any antiquities so discovered.
- (b) The Contractor shall also preserve all vegetation (including wetlands) except where such vegetation must be removed for survey or construction purposes. Any removal of vegetation shall be in accordance with the terms of applicable habitat mitigation plans and permits. Furthermore, all wildlife must be protected consistent with programs approved by the CO.
- (c) Except as required by or specifically provided for in other provisions of this contract, the Contractor shall not perform any excavations, earth borrow, preparation of borrow areas, or otherwise disturb the surface soils within the job site without the prior approval of DOE or its designee.

H.38 DOE-H-2061 Change Order Accounting (Oct 2014)

The Contractor shall maintain change order accounting whenever the estimated cost of a change or series of related changes exceeds \$100,000. The Contractor, for each change or series of related changes, shall maintain separate accounts, by job order or other suitable accounting procedure, of all incurred segregable, direct costs (less allocable credits) of work, both changed and not changed, allocable to the change. The Contractor shall maintain such accounts until the parties agree to an equitable adjustment for

the changes ordered by the CO or the matter is conclusively disposed of in accordance with the Disputes clause.

H.39 DOE-H-2063 Confidentiality of Information (Oct 2014) (Revised)

- (a) Performance of work under this Contract may result in the Contractor having access to Controlled Unclassified Information (CUI), including Official Use Only (OUO) information, via written or electronic documents, or by virtue of having access to DOE's electronic or other systems. Such CUI includes personally identifiable information (such as social security account numbers) or proprietary business, technical, or financial information belonging to the Government or other companies or organizations. The Contractor shall treat this information as confidential and agrees not to use this information for its own purposes, or to disclose the information to third parties, unless specifically authorized to do so in writing by the CO.
- (b) The restrictions set out in paragraph (a) above, however, do not apply to:
 - (1) Information which, at the time of receipt by the Contractor, is in the public domain;
 - (2) Information which, subsequent to receipt by the Contractor, becomes part of the public domain through no fault or action of the Contractor;
 - (3) Information which the Contractor can demonstrate was previously in its possession and was not acquired directly or indirectly as a result of access obtained by performing work under this contract;
 - (4) Information which the Contractor can demonstrate was received from a third party who did not require the Contractor to hold it in confidence; or
 - (5) Information which is subject to release under applicable law.
- (c) The Contractor shall obtain a written agreement from each of its employees who are granted access to, or furnished with, confidential information, whereby the employee agrees that he or she will not discuss, divulge, or disclose any such information to any person or entity except those persons within the Contractor's organization directly concerned with the performance of the contract. The agreement shall be in a form satisfactory to the CO.
- (d) Upon request of the CO, the Contractor agrees to execute an agreement with any party which provides CUI to the Contractor pursuant to this contract, or whose facilities the Contractor is given access to that restrict use and disclosure of CUI obtained by the Contractor. A copy of the agreement, which shall include all material aspects of this clause, shall be provided to the CO for approval.
- (e) Upon request of the CO, the Contractor shall supply the Government with reports itemizing the confidential or proprietary information it receives under this contract and identify the source (company, companies or other organizations) of the information.

- (f) The Contractor agrees to flow down this clause to all subcontracts issued under this contract.

H.40 DOE-H-2064 Use of Information Technology Equipment, Software, and Third Party Services (Oct 2014) - Alternate I (Oct 2014)

- (a) Acquisition of Information Technology. The Government may provide information technology equipment, existing computer software (as described in 48 CFR 27.405), and third party services for the Contractor's use in the performance of the contract; and the CO may provide guidance to the

Contractor regarding usage of such equipment, software, and third party services. The Contractor is not authorized to acquire (lease or purchase) information technology equipment, existing computer software, or third party services at the Government's direct expense without prior written approval of the CO. Should the Contractor propose to acquire information technology equipment, existing computer software, or third party services, the Contractor shall provide to the CO justification for the need, including a complete description of the equipment, software or third party service to be acquired, and a lease versus purchase analysis if appropriate.

- (b) The Contractor shall immediately provide written notice to the Contracting Officer's Representative when an employee of the Contractor no longer requires access to the Government information technology systems.
- (c) The Contractor shall not violate any software licensing agreement, or cause the Government to violate any licensing agreement.
- (d) The Contractor agrees that its employees will not use, copy, disclose, modify, or reverse engineer existing computer software provided to it by the Government except as permitted by the license agreement or any other terms and conditions under which the software is made available to the Contractor.
- (e) If at any time during the performance of this contract the Contractor has reason to believe that its utilization of Government furnished existing computer software may involve or result in a violation of the software licensing agreement, the Contractor shall promptly notify the CO, in writing, of the pertinent facts and circumstances. Pending direction from the CO, the Contractor shall continue performance of the work required under this contract without utilizing the software.
- (f) The Contractor agrees to include the requirements of this clause in all subcontracts at any tier.
- (g) The Contractor shall comply with the requirements of those DOE directives, or parts thereof, identified in **Section J, Attachment J-2, Requirements Sources and Implementing Documents**, in implementing the requirements of this clause. The CO, may, at any time, unilaterally amend this clause in order to add, modify or delete specific requirements.

H.41 DOE-H-2068 Conference Management (Oct 2014)

The Contractor agrees that:

- (a) The Contractor shall ensure that contractor-sponsored conferences reflect the DOE/NNSA's commitment to fiscal responsibility, appropriate stewardship of taxpayer funds and support the mission of DOE/NNSA as well as other sponsors of work. In addition, the Contractor will ensure conferences do not include any activities that create the appearance of taxpayer funds being used in a questionable manner.
- (b) For the purposes of this clause, "conference" is defined in Attachment 2 to the Deputy Secretary's memorandum of August 17, 2015, entitled *Updated Guidance on Conference-Related Activities and Spending*.
- (c) Contractor-sponsored conferences include those events that meet the conference definition and either or both of the following:
 - (1) The Contractor provides funding to plan, promote, or implement an event, except in instances where a contractor:

- (i) Covers participation costs in a conference for specified individuals (e.g., students, retirees, speakers, etc.) in a total amount not to exceed \$10,000 (by individual contractor for a specific conference); or
 - (ii) Purchases goods or services from the conference planners (e.g., attendee registration fees, renting booth space).
- (2) The Contractor authorizes use of its official seal, or other seals/logos/ trademarks to promote a conference. Exceptions include non-management and operating contractors who use their seal to promote a conference that is unrelated to their DOE contract(s) (e.g., if a DOE Information Technology contractor were to host a general conference on cyber security).
- (d) Attending a conference, giving a speech or serving as an honorary chairperson does not connote sponsorship.
- (e) The Contractor will provide information on conferences they plan to sponsor with expected costs exceeding \$100,000 in the Department's Conference Management Tool, including:
 - (1) Conference title, description, and date;
 - (2) Location and venue;
 - (3) Description of any unusual expenses (e.g., promotional items);
 - (4) Description of contracting procedures used (e.g., competition for space/support);
 - (5) Costs for space, food/beverages, audio visual, travel / per diem, registration costs, recovered costs (e.g., through exhibit fees); and
 - (6) Number of attendees.
- (f) The Contractor will not expend funds on the proposed contractor-sponsored conferences with expenditures estimated to exceed \$100,000 until notified of approval by the CO.
- (g) For DOE-sponsored conferences, the contractor will not expend funds on the proposed conference until notified by the CO.
 - (1) DOE-sponsored conferences include events that meet the definition of a conference and where the Department provides funding to plan, promote, or implement the conference and/or authorizes use of the official DOE seal, or other seals/logos/trademarks to promote a conference. Exceptions include instances where DOE:
 - (i) Covers participation costs in a conference for specified individuals (e.g., students, retirees, speakers, etc.) in a total amount not to exceed \$10,000 (by individual contractor for a specific conference); or
 - (ii) Purchases goods or services from the conference planners (e.g., attendee registration fees; renting booth space) or provides funding to the conference planners through Federal grants.
 - (2) Attending a conference, giving a speech, or serving as an honorary chairperson does not connote sponsorship.

- (3) The Contractor will provide cost and attendance information on their participation in all DOE-sponsored conference in the DOE Conference Management Tool.
- (h) For non-Contractor sponsored conferences, the Contractor shall develop and implement a process to ensure costs related to conferences are allowable, allocable, reasonable, and further the mission of DOE/NNSA. This process must at a minimum:
 - (1) Track all conference expenses; and
 - (2) Require the Laboratory Director (or equivalent) or Chief Operating Officer approve a single conference with net costs to the contractor of \$100,000 or greater.
- (i) Contractors are not required to enter information on non-sponsored conferences in DOE's Conference Management Tool.
- (j) Once funds have been expended on a non-sponsored conference, contractors may not authorize the use of their trademarks/logos for the conference, provide the conference planners with more than \$10,000 for specified individuals to participate in the conference, or provide any other sponsorship funding for the conference. If a contractor does so, its expenditures for the conference may be deemed unallowable.

H.42 DOE-H-2069 Payments for Domestic Extended Personnel Assignments (Oct 2014) (Revised)

- (a) Definition. For purposes of this clause, "domestic extended personnel assignments" are defined as any assignment of contractor personnel to a domestic location different than (and more than 50 miles from) their permanent duty station for a period expected to exceed 30 consecutive calendar days.
- (b) For domestic extended personnel assignments, the Contractor shall be reimbursed the lesser of temporary relocation costs (Temporary Change of Station allowances as described in the Federal Travel Regulation at §302-3.400 - §302-3.429) or a reduced per diem (Extended Travel Duty) in accordance with the allowable cost provisions of the contract and the following:
 - (1) When a reduced per diem method (Extended Travel Duty) is utilized, the allowances are as follows:
 - (i) Lodging. For the first 60 days and last 30 days of the assignment, the Government will reimburse costs associated with lodging at the lesser of actual cost or 100% of the Federal per diem rate at the assignment location. The intervening days' lodging will be reimbursed at the lesser of actual cost or 55% of Federal per diem.
 - (ii) Meals and Incidental Expenses. For the first 30 days and last 30 days of the assignment, the Government will reimburse costs associated with meals and incidental expenses at a rate not to exceed 100% of the Federal per diem rate at the assignment location. The intervening days meals and incidental expenses will be reimbursed at a reduced rate, not to exceed 55% of Federal per diem.
 - (iii) Receipts are required to substantiate all lodging expenses and any other authorized expenses greater than \$75.
 - (2) The Government will not reimburse any costs associated with per diem (except for en route travel) unless the contractor employee maintains a residence at the permanent duty station.

- (3) The Government will not reimburse costs associated with salary premiums, per diem, lodging, or other subsidies for contractor employees on domestic extended personnel assignments after three (3) years (except for the reimbursements described above during the last 30 days of the assignment).
- (4) If an assignment has breaks within a three-year period, the calculation of the total length of the assignment will be as follows: If the break between assignments is less than 12 months, the Government will consider the assignment continuous for purposes of the three-year clock. For instance, if a contractor employee completes a two-year assignment at location A and returns to his/her permanent duty station for 12 months, a subsequent new two-year assignment back to location A will restart the three-year clock. The assignments will be considered two separate two-year assignments. On the other hand, if in the previous example the employee's return to his/her permanent duty station was for six months, the Government would consider the second assignment to be a continuation of the first for purposes of the three-year rule.
- (5) The Government will not reimburse costs associated with salary premiums that exceed 10% of base salary.
- (6) The Contractor shall include the substance of this clause in all subcontracts in which travel will be reimbursed at cost.

H.43 DOE-H-2070 Key Personnel – Alternate I (Oct 2014) (Revised)

- (a) Pursuant to the clause DEAR 952.215-70 entitled, *Key Personnel*, the required key personnel for this Contract are identified below (Table H-2):

Table H-2. Key Personnel

Name	Position
Marc F. (Dutch) Conrad	Program Manager (located in Lexington, KY)
Peter (Pete) W. Coutts	Portsmouth Plant Manager
Robert Gentry	Paducah Plant Manager
Adam Goldberg	Engineering Manager (located in Lexington, KY)
Tammy Courtney	Mission Support & Integration Manager
Scott Nicholson	ESH&Q Manager

In addition to the requirement for the CO's approval before removing, replacing, or diverting any of the listed key personnel, the CO's approval is also required for any change to the position assignment of a current key person.

- (1) Key personnel team requirements. The CO and designated COR(s) shall have direct access to the key personnel assigned to the contract. The Program Manager and Engineering Manager shall be assigned full-time to the Contractor's Lexington, KY Office. All key personnel shall be assigned full-time to their respective positions and their permanent duty station shall be located at Lexington, KY, Portsmouth, OH, or Paducah, KY. The Program Manager shall be employed by the Prime Contractor. All key personnel shall have a "Q" clearance level (or equivalent) at the time of their effective employment date in support of this Contract, or the ability to obtain such within 12

- months of their effective employment date in support of this Contract (note that this deadline will be re-evaluated if there are delays determined to be beyond the control of the key person). The Contractor shall notify the CO and request approval in writing at least 60 days in advance of any changes to key personnel.
- (2) No key person position shall remain vacant for a period more than 30 days following CO approval of a change in key personnel or the Contractor will be subject to reduction of fee according to (c)(1) or (c)(2) below respective to the key position vacated.
 - (3) Approval of changes to key personnel is at the unilateral discretion of the CO.
- (b) Definitions. In addition to the definitions contained in the clause DEAR 952.215-70, the following shall apply:
- (1) Key personnel are considered “managerial personnel” under the clause DEAR 952.231-71 entitled, *Insurance – Litigation and Claims*.
 - (2) For the purposes of this Clause, “Changes to Key Personnel”, is defined as: (i) any change to the position assignment of a current key person under the Contract, except for a person who acts for short periods of time, in the place of a key person during his or her absence, the total time of which shall not exceed 30 working days during any given year (ii) utilizing the services of a new substitute key person for assignment to the Contract beyond 30 working days; or (iii) assigning a current key person for work outside the Contract.
 - (3) For the purposes of this Clause, “Beyond the Contractor’s Control”, is defined as an event for which the Contractor lacked legal authority or ability to prevent “Changes to Key Personnel.”
- (c) Contract fee reductions for changes to Key Personnel.
- Any key person change according to the definition for “Changes to Key Personnel” above shall be subject to reduction of fee according to (c)(1) or (c)(2) below respective to the key position vacated.
- (1) Notwithstanding the approval by the CO, any time the Program Manager is removed, replaced, or diverted within three years of being placed in the position, the earned fee under the Contract may be permanently reduced by \$1,000,000 for each and every such occurrence. A change to a key person “Beyond the Contractor’s Control” shall not result in a permanent reduction of fee under this subsection.
 - (2) Notwithstanding the approval by the CO, any time a key person other than the Program Manager is removed, replaced, or diverted within three years of being placed in the position, the earned fee may be permanently reduced by \$500,000 for each and every such occurrence. A change to a key person, other than the Program Manager, “Beyond the Contractor’s Control” shall not result in a permanent reduction of fee under this subsection.
 - (3) The Contractor may request in writing that the CO consider waiving all or part of a reduction in earned fee. Such written request shall include the Contractor’s basis for the removal, replacement, or diversion of any key personnel. The CO shall have the unilateral discretion to make the determination to waive all or part of the reduction in earned fee.

H.44 DOE-H-2071 Department of Energy Directives (Oct 2014)

- (a) In performing work under this contract, the Contractor shall comply with the requirements of those Department of Energy (DOE) directives, or parts thereof listed in **Section J, Attachment J-2, Requirements Sources and Implementing Documents (List A and B)**.
- (b) The CO may, at any time, unilaterally amend this clause, or other clauses which incorporate DOE directives, in order to add, modify or delete specific requirements. Prior to revising the listing of directives, the CO shall notify the Contractor in writing of the Department's intent to revise the list, and the Contractor shall be provided with the opportunity to assess the effect of the Contractor's compliance with the revised list on contract cost and funding, technical performance, and schedule, and identify any potential inconsistencies between the revised list and the other terms and conditions of the contract. Within 30 days after receipt of the CO's notice, the Contractor shall advise the CO in writing of the potential impact of the Contractor's compliance with the revised list. Based on the information provided by the Contractor and any other information available, the CO shall decide whether to revise the listing of directives and so advise the Contractor not later than 30 days prior to the effective date of the revision.
- (c) Notwithstanding the process described in paragraph (b), the CO may direct the Contractor to immediately begin compliance with the requirements of any directive.
- (d) The Contractor and the CO shall identify and, if appropriate, agree to any changes to other contract terms and conditions, including cost and schedule, associated with the revision pursuant to the changes clauses in Section I of this contract.
- (e) Regardless of the performer of the work, the Contractor is responsible for compliance with the requirements of this clause. The Contractor shall include this clause in all subcontracts to the extent necessary to ensure the Contractor's compliance with these requirements.

H.45 DOE-H-2072 Use of Government Vehicles by Contractor Employees (Oct 2014)

- (a) The Government will provide Government-owned and/or Government-leased motor vehicles for the Contractor's use in performance of this contract in accordance with the clause FAR 52.245-1 entitled, *Government Property* and FAR 52.251-2 entitled, *Interagency Fleet Management System Vehicles and Related Services*.
- (b) The Contractor shall ensure that its employees use and operate Government-owned and/or Government-leased motor vehicles in a responsible and safe manner to include the following requirements:
 - (1) Use vehicles only for official purposes and solely in the performance of the Contract.
 - (2) Do not use vehicles for transportation between an employee's residence and place of employment, unless authorized by the CO.
 - (3) Comply with Federal, state and local laws and regulations for the operation of motor vehicles.
 - (4) Possess a valid state, District of Columbia, or commonwealth's operator license or permit for the type of vehicle to be operated.
 - (5) Operate vehicles in accordance with the operator's packet furnished with each vehicle.

- (6) Use seat belts while operating or riding in a Government vehicle.
 - (7) Do not use tobacco products while operating or riding in a Government vehicle.
 - (8) Do not provide transportation to strangers or hitchhikers.
 - (9) Do not engage in "text messaging" while operating a Government vehicle, which includes those activities defined in the clause FAR 52.223-18 entitled, *Encouraging Contractor Policies to Ban Text Messaging While Driving*.
 - (10) In the event of an accident, provide information as may be required by state, county or municipal authorities and as directed by the CO.
- (c) The Contractor shall:
- (1) Establish and enforce suitable penalties against employees who use, or authorize the use of Government vehicles for unofficial purposes or for other than in the performance of the contract; and
 - (2) Pay any expenses or cost, without Government reimbursement, for using Government vehicles other than in the performance of the contract.
- (d) The Contractor shall insert this clause in all subcontracts in which Government-owned and/or Government-leased vehicles are to be provided for use by subcontractor employees.

H.46 DOE-H-2075 Prohibition on Funding For Certain Nondisclosure Agreements (Oct 2014)

The Contractor agrees that:

- (a) No cost associated with implementation or enforcement of nondisclosure policies, forms or agreements shall be allowable under this Contract if such policies, forms or agreements do not contain the following provisions: "These provisions are consistent with and do not supersede, conflict with, or otherwise alter the employee obligations, rights, or liabilities created by existing statute or Executive order relating to (1) classified information, (2) communications to Congress, (3) the reporting to an Inspector General of a violation of any law, rule, or regulation, or mismanagement, a gross waste of funds, an abuse of authority, or a substantial and specific danger to public health or safety, or (4) any other whistleblower protection. The definitions, requirements, obligations, rights, sanctions, and liabilities created by controlling Executive Orders and statutory provisions are incorporated into this agreement and are controlling."
- (b) The limitation above shall not contravene requirements applicable to Standard Form 312, Form 4414, or any other form issued by a Federal department or agency governing the nondisclosure of classified information.
- (c) Notwithstanding the provisions of paragraph (a), a nondisclosure or confidentiality policy form or agreement that is to be executed by a person connected with the conduct of an intelligence or intelligence-related activity, other than an employee or officer of the United States Government, may contain provisions appropriate to the particular activity for which such document is to be used. Such form or agreement shall, at a minimum, require that the person will not disclose any classified information received in the course of such activity unless specifically authorized to do so by the United States Government. Such nondisclosure or confidentiality forms shall also make it clear that they do not bar disclosures to Congress, or to an authorized official of an

executive agency or the Department of Justice, that are essential to reporting a substantial violation of law.

H.47 DOE-H-2076 Lobbying Restrictions (Nov 2018)

In accordance with 18 USC § 1913, the Contractor agrees that none of the funds obligated on this award shall be expended, directly or indirectly, to influence congressional action on any legislation or appropriation matters pending before Congress. This restriction is in addition to those prescribed elsewhere in statute and regulation.

H.48 DOE-H-2080 Agreement Regarding Workplace Substance Abuse Programs at DOE Sites (Apr 2018)

- (a) Program implementation. The Contractor shall, consistent with 10 CFR part 707, *Workplace Substance Abuse Programs at DOE Sites*, incorporated herein by reference with full force and effect, develop, implement, and maintain a workplace substance abuse program.
- (b) Remedies. In addition to any other remedies available to the Government, the Contractor's failure to comply with the requirements of 10 CFR part 707 or to perform in a manner consistent with its approved program may render the Contractor subject to: the suspension of contract payments, or, where applicable, a reduction in fee; termination for default; and suspension or debarment.
- (c) Subcontracts.
 - (1) The Contractor agrees to notify the CO reasonably in advance of, but not later than 30 days prior to, the award of any subcontract the Contractor believes may be subject to the requirements of 10 CFR part 707, unless the CO agrees to a different date.
 - (2) The Contractor shall require all subcontracts subject to the provisions of 10 CFR part 707 to agree to develop and implement a workplace substance abuse program that complies with the requirements of 10 CFR part 707, *Workplace Substance Abuse Programs at DOE Sites*, as a condition for award of the subcontract. The Contractor shall review and approve each subcontractor's program, and shall periodically monitor each subcontractor's implementation of the program for effectiveness and compliance with 10 CFR part 707.
 - (3) The Contractor agrees to include, and require the inclusion of, the requirements of this clause in all subcontracts, at any tier, that are subject to the provisions of 10 CFR part 707.

H.49 DOE-H-7003 Contractor Assurance System (Sep 2017) (Revised)

- (a) The Contractor shall develop, execute, and maintain a contractor assurance system that is validated by the Responsible Corporate Official and Contractor's Board of Directors (or equivalent corporate oversight entity), and implemented throughout the Contractor's organization. This system provides reasonable assurance that the objectives of the contractor management systems are being accomplished and that the systems and controls will be effective and efficient. The contractor assurance system, at a minimum, shall include the following key attributes:
 - (1) A comprehensive description of the assurance system with processes, key activities, and accountabilities clearly identified.
 - (2) A method for verifying/ensuring effective assurance system processes. Third party audits, peer reviews, independent assessments, and external certification (such as Voluntary

- Protection Programs and International Organization for Standards (ISO) 9001 or ISO 14001) may be used.
- (3) Timely notification to the CO of significant assurance system changes prior to the changes.
 - (4) Rigorous, risk-based, credible self-assessments, and feedback and improvement activities, including utilization of nationally recognized experts, and other independent reviews to assess and improve the Contractor's work processes and to carry out independent risk and vulnerability studies.
 - (5) Identification and correction of negative performance/compliance trends before they become significant issues.
 - (6) Integration of the assurance system with other management systems including Integrated Safety Management.
 - (7) Metrics and targets to assess performance, including benchmarking of key functional areas with other DOE contractors, industry and research institutions. Ensure development of metrics and targets that result in efficient and cost effective performance.
 - (8) Continuous feedback and performance improvement.
 - (9) An implementation plan (if needed) that considers and mitigates risks.
 - (10) Timely and appropriate communication to the CO, including electronic access to assurance related information.
 - (11) The initial contractor assurance system description shall be approved by DOE.
- (b) Timely notification and DOE approval must be obtained for significant assurance system changes prior to the changes being made.

Other Clauses

H.50 Task Ordering Procedure (Revised) (Applies to IDIQ CLINs only)

- (a) A Task Order may be issued under this Contract for any work scope covered by Section C, Performance Work Statement. Task Orders may be issued as Firm-Fixed-Price (FFP) or Cost-Reimbursement (CR).
- (b) All Task Orders shall be completed in accordance with the Contract requirements, in addition to the requirements as stated within the Task Order. In the event of a conflict between the Task Order and the Contractor's Task Order proposal, the Task Order shall prevail.
- (c) Prior to issuing a Task Order, the CO will provide the Contractor with a Request for Task Order Proposal (RTP) including, at a minimum, the following:
 - (1) A Task Order PWS providing the functional description/requirements of the work, deliverables, Government-furnished items (if any), and period of performance, as well as identifying the objectives or results desired from the contemplated Task Order;
 - (2) Proposed performance standards to be used as criteria for determining whether the work requirements have been met;

- (3) The requirements for the Contractor's Task Order proposal (see reference paragraph (f) below);
and
- (4) A response time for submitting the Task Order proposal.
- (d) Task Orders will be issued on forms specified and provided by the Government. Task Orders will be numbered. All Task Order modifications will be issued in writing on a Standard Form 30 and will be numbered sequentially.
- (e) If time constraints do not permit issuance of a fully defined Task Order in accordance with the procedures described in this clause, the CO may issue an undefinitized Task Order which includes a Not-To-Exceed ceiling cost/price for which all the terms and conditions will be subsequently negotiated and definitized at a later date. This will only apply in exceptional circumstances, and the Contractor shall support the definitization schedule established by the Government.
- (f) The Contractor's Task Order Proposals shall include the following, as applicable to individual Task Orders:
 - (1) Discussion of the technical approach for performing the work;
 - (2) Date of commencement of work and any necessary revision to the schedule of performance stipulated by the Government;
 - (3) A fragment of the detailed resource-loaded schedule for that Task Order's scope of work. The Contractor shall also provide a copy of the Integrated Master Schedule showing the inclusion of the proposed Task Order's scope of work identifying the logic ties and dependencies between the Contract and all task orders. This IMS copy forms the basis for the Baseline Change Request (BCR) or Baseline Change Proposal (BCP) upon Task Order award. Both the schedule fragment and the IMS schedules submitted as part of the Task Order proposal must meet EVMS requirements (including required task order baseline submission representing the cost, schedule, and entire scope over the period of performance of the associated task);
 - (4) The Contractor shall submit Task Order proposals in accordance with FAR Part 15, Table 15-2 – Instructions for Submitting Cost/Price Proposals When Certified Cost or Pricing Data Are Required. If the value of the Task Order Proposal does not exceed the threshold for certified cost or pricing data, the CO may require information other than cost or pricing data, including information related to prices and cost that would otherwise be defined as cost or pricing data if certified. Information other than cost or pricing data may be submitted in the Contractor's own format, unless the CO decides that use of a specific format is essential and the format has been described in the RTP.
 - (7) Basis of estimate at the WBS level or Control Account level (to be determined by DOE);
 - (8) Task Order proposals shall comply and be in accordance with FAR Part 31 – Contract Cost Principles and Procedures;
 - (9) Proposed deviations (if any) from the stated PWS requirements;
 - (10) Any other information required to determine the reasonableness of the Contractor's proposal.
- (g) The Contractor's Task Order Proposals shall include separate small business subcontracting goals that afford small businesses with the maximum practicable opportunity to participate in Task Order

performance consistent with efficient performance.

- (h) Proposed small business subcontracting goals shall be the percent of total subcontracted work specified in each Task Order in compliance with the requirements of H.51, *Subcontracted Work*, and FAR 52.219-9. With each Task Order Proposal, the Contractor shall submit a revised **Section J, Attachment J-11, *Small Business Subcontracting Plan***.
- (i) The Contractor's Task Order proposal is subject to review and acceptance by the CO or his/her designee. The CO will either accept the terms and conditions of the Contractor's Task Order proposal or negotiate any areas of disagreement with the Contractor. After review and any necessary discussions, the CO may issue a Task Order to the Contractor containing, as a minimum, the following:
 - (1) Date of the order.
 - (2) Contract number and Task Order number.
 - (3) PWS identifying the objectives or results desired from the Task Order, including special instructions or other information necessary for performance of the work.
 - (4) Performance standards, and where appropriate, quality assurance standards.
 - (5) The Price of the Task Order (that is, as applicable, the Firm-Fixed-Price, Cost-Plus-Award-Fee, Cost-Plus-Incentive-Fee, etc., as those terms are used in the Federal Acquisition Regulation), and the Maximum dollar amount authorized (total Task Order value).
 - (6) Any other resources (e.g., travel, material, equipment, facilities) authorized.
 - (7) Delivery/performance schedule including start and end dates.
 - (8) Accounting and appropriation data.
- (j) The Contractor shall provide acknowledgement to the CO of receipt of the Task Order within 2 business days after receipt.
- (l) The Contractor shall deliver all Task Order specific deliverables as stated in the Task Order.

H.51 Subcontracted Work

The Contractor shall subcontract (in accordance with the definition at FAR Subpart 44.1) at least fifteen (15) percent of the contract value to small businesses (not including costs for Transition, Post-Retirement Medical Benefits, Long-Term Disability, Pension Contribution, and the IDIQ CLINs [however, note that small business subcontracting requirements will be established on the Task Order-level for any Task Orders issued against the IDIQ CLINs per H.50, *Task Ordering Procedure*). The Contractor's subcontracted work shall be in compliance with the approved **Section J, Attachment J-11, *Small Business Subcontracting Plan***. Unless otherwise approved in advance by the CO, work to be performed by subcontractors selected after Contract award shall be acquired through competitive procurements, to the extent required, with an emphasis on fixed-price subcontracts to the extent practicable. The use of cost-reimbursement, time-and-materials, and labor-hour subcontracts shall be minimized.

Meaningful work is work that is important to the performance of the technical and management approach defined by the prime contractor. It is characterized by strong technical content (e.g., discrete and distinct technical or programmatic scopes of work) and contributes to the successful achievement of DOE's goals.

It should have a performance-based outcome that directly contributes to the overall contract outcome(s). The Contractor shall demonstrate effective subcontract management and administration, including but not limited to award of subcontracts as scheduled, inclusion of well-defined requirements, completion of any required subcontractor audits, and monitoring of subcontractor performance to ensure compliance with all applicable requirements including small business subcontracting plans, Buy American Act, and applicable labor statutes. Also, the Contractor shall respond to past performance inquiries for subcontractors upon request from DOE and other Federal agencies. The Contractor shall maintain a public listing of current and upcoming subcontract opportunities.

H.52 Parent Organization Support

- (a) For onsite work, fee generally provides adequate compensation for parent organization expenses incurred in the general management of this Contract. The general construct of this Contract results in minimal parent organization investment (in terms of its own resources, such as labor, material, overhead, etc.) in the Contract work. DOE provides Government-owned facilities, property, and other needed resources.

Accordingly, allocations of parent organization expenses are unallowable for the prime contractor, teaming subcontractors, and/or teaming partners, unless authorized by the CO in accordance with this Clause.

- (b) The Contractor may propose, or DOE may require, parent organization support to:
 - (1) Monitor safety and performance in the execution of Contract requirements;
 - (2) Ensure achievement of Contract environmental cleanup and closure commitments;
 - (3) Sustain excellence of Contract key personnel;
 - (4) Ensure effective internal processes and controls for disciplined Contract execution;
 - (5) Assess Contract performance and apply parent organization problem-solving resources on problem areas; and
 - (6) Provide other parent organization capabilities to facilitate Contract performance.
- (c) The CO may, with unilateral discretion, authorize parent organization support and the corresponding indirect or direct costs, if a direct-benefit relationship to DOE is demonstrated. All parent organization support shall be authorized in advance by the CO.
- (d) If parent organization support is proposed by the Contractor or required by DOE, the Contractor shall submit for DOE review and approval, an annual Parent Organization Support Plan (POSP). The Contractor shall submit its initial POSP at least 30 days prior to:
 - (1) The end of the Contract Transition Period; or
 - (2) The commencement date of parent organization support proposed by the Contractor or required by the Government.

Any subsequent POSP shall be submitted at least 60 days prior to the start of each year of Contract performance.

H.53 Subcontractor Timekeeping Records Signature (Applies to CR work only. Not Applicable to any Fixed Price Task Orders issued under IDIQ CLINs.)

The Contractor shall obtain timecards for all hourly subcontract employees, at all tiers, performing on non-fixed-price subcontracts. For purposes of this Clause, non-fixed-price subcontracts are those of a type containing a cost reimbursable or variable component in them, which includes those contract types covered by FAR Subpart 16.3, Cost Reimbursement Contracts, FAR Section 16.405, Cost Reimbursement Incentive Contracts, and FAR Subpart 16.6, Time and Materials, Labor Hour, and Letter Contracts. Note that the requirements of this Clause also pertain to Task Orders, tasks, and/or Contract Line Items Numbers from Indefinite Delivery (see FAR Subpart 16.5, Indefinite Delivery Contracts) and hybrid contracts that are of a type covered by the FAR citations in the prior sentence. The timecards must be obtained by the Contractor prior to the Contractor paying for these subcontract costs and prior to billing DOE for these costs. The timecards must reflect actual hours worked, be signed by the subcontract employee and be certified by the subcontract employees' supervisor prior to the Contractor obtaining them. Subcontractors at all tiers performing work under non-fixed-price subcontracts shall maintain adequate timekeeping procedures, controls, and processes for billing Government work. The Contractor shall, at least once every three years, conduct a labor audit of non-fixed-price subcontracts. The audit shall be conducted to unmodified Institute of Internal Auditors standards, if conducted internally, or unmodified Generally Accepted Government Auditing Standards (GAGAS), if conducted externally. This Clause shall be flowed down to all non-fixed-price subcontracts at all tiers.

H.54 Energy Employees Occupational Illness Compensation Program Act of 2000 (EEOICPA)

- (a) The EEOICPA establishes a program to provide compensation to current and former employees of the Department of Energy (DOE), its contractors and subcontractors, companies that provided beryllium to DOE, and atomic weapons employers (AWEs). Under EEOICPA, the DOE has a requirement to verify employment histories, provide medical records, and provide radiation dose records and other information pertinent to National Institute for Occupational Safety and Health (NIOSH) radiation dose reconstruction and Department of Labor (DOL) Subtitle B and Subtitle E case preparation for anyone who applies for compensation under EEOICPA. DOE's responsibilities are implemented by the site with proper federal oversight with the budgetary, and programmatic direction assigned to the Office of Environment, Health, Safety and Security (AU-14).
- (b) The Contractor shall establish a program and respond to the requirements of the EEOICPA for their employees and activities, which includes but is not limited to:
 - (1) Perform the work necessary to complete EE-5 Employment Verification Forms requested by DOL for the EEOICPA Subtitle B program;
 - (2) Perform the work necessary to provide Personnel Exposure information requested by NIOSH as part of the EEOICPA Subtitle B program;
 - (3) Perform the work necessary to complete Document Acquisition Requests (DARs) submitted by DOL for the EEOICPA Subtitle E program;
 - (4) Perform the work necessary to provide Visitor Personnel Exposure or information requested as part of the EEOICPA program;

(5) Perform other necessary EEOICPA related records work, as needed, including responding to records requests and site visits related to site characterization and hazard assessment work by DOL and NIOSH;

(6) Maintain local records to track the activities conducted under EEOICPA;

The Contractor shall conduct the following work tasks within 60 days from receipt of request in support of the EEOICPA:

(7) Perform the work necessary to complete Employment Verifications requested by DOL for the EEOICPA Subtitle B program:

- (i) Research and retrieve records needed to complete claims forms;
- (ii) If necessary, work with corporate entities or unions to verify employment of former site workers;
- (iii) Complete all necessary claims forms associated with the request;
- (iv) Complete declassification, as needed, of records required for the processing of claims forms;
- (v) Completed forms, along with any attachments, shall be electronically submitted to DOL through the Secure Electronic Records Transfer (SERT) OR through encrypted email to DOE HQ;
- (vi) Perform the work necessary to provide personnel exposure information requested by NIOSH as part of the EEOICPA Subtitle B program:
 - (A) Research and retrieve records needed to complete claims forms;
 - (B) Complete declassification, as needed, of records required for the processing of claims form;
 - (C) Complete and sign off on all necessary claims forms associated with the request;
 - (D) Completed forms and records shall be electronically submitted to NIOSH;
- (vii) Perform the work necessary to complete Document Acquisition Requests (DARs) submitted by DOL as part of the EEOICPA Subtitle E program:
 - (A) Research and retrieve records needed to complete claims forms;
 - (B) Complete declassification, as needed, of records required for the processing of claims;
 - (C) Complete and sign off on all necessary claims forms associated with the request;
 - (D) Completed forms and records shall be electronically submitted to DOL through the Secure Electronic Records Transfer (SERT) OR through encrypted email to DOE HQ;
- (viii) Perform the work necessary to provide Additional Personnel Exposure Information or Visitor Personnel Exposure Information requested by Oak Ridge Associated Universities (ORAU; contractor to NIOSH) as part of the EEOICPA Subtitle B program:
 - (A) Research and retrieve records needed to complete claims forms;
 - (B) Complete declassification, as needed, of records required for the processing of claims form;

- (C) Complete and sign off on all necessary claims forms associated with the request;
- (D) Completed forms and records shall be electronically submitted to ORAU;
- (ix) The Contractor shall respond to any other inquiries and perform special projects as required by the EEOICPA;
- (x) Maintain local records to track the activities under EEOICPA. These records shall be used to report status in the Contractor's Monthly Progress Report. Categories to be reported include the following:
 - (A) DOL-Employment Verification;
 - (B) Exposure Data;
 - (C) NIOSH – Requests;
 - (D) NIOSH – Supplemental Data Request;
 - (E) DAR Requests;
 - (F) DOE Exposure Requests;
- (xi) Information to be reported for the above categories includes the following:
 - (A) Outstanding requests at beginning of reporting period;
 - (B) Outstanding requests at end of reporting period;
 - (C) Requests received during the reporting period;
 - (D) Requests completed during reporting period;
 - (E) Total hours;
 - (F) Total cost.

H.55 Environmental Compliance

- (a) General. The Contractor is required to comply with all applicable DOE directives, permits, consent decrees, consent orders, administrative orders and settlement agreements between the DOE and federal and state regulatory agencies.
- (b) Environmental Permits. This Clause addresses three permit scenarios, where the Contractor is the sole permittee; where the Contractor and DOE are joint permittees; and where multiple contractors are permittees.
 - (1) Contractor as Sole Permittee. To the extent permitted by law and subject to other applicable provisions of the contract that impose responsibilities on DOE, and provisions of law that impose responsibilities on DOE or third parties, the Contractor shall be responsible for obtaining in its own name, shall sign, and shall be solely responsible for compliance with all permits, authorizations and approvals from federal, state, and local regulatory agencies which are necessary for the performance of the work required of the Contractor under this Contract.

Under this permit scenario, the Contractor shall make no commitments or set precedents that are detrimental to DOE or other site contractors. The Contractor shall coordinate its permitting activities with DOE, and with other contractors which may be affected by the permit or any precedent established therein, prior to taking the permit action. Whenever

- reasonably possible, all such materials shall be provided to DOE and other affected site contractors not later than 90 days prior to the date they are to be submitted to the relevant regulatory agency. Any such schedule revision shall be effective only upon approval from the CO.
- (2) DOE as Permittee, or Contractor and DOE as Joint Permittees. Where appropriate, required by law, or required by applicable regulatory agencies, DOE will sign permits as permittee, or as owner or as owner/operator with the Contractor as operator or co-operator, respectively. DOE will co-sign hazardous waste permit applications as owner/operator where required by applicable law. In this scenario, the Contractor shall coordinate its actions with DOE. DOE is responsible for timely notification to the Contractor of any issues or changes in the regulatory environment that impact or may impact contractor implementation of any permit requirement. The Contractor shall be responsible for timely notification to DOE of any issues or changes in the regulatory environment that impact or may impact contractor implementation of any permit requirement. Notification by the Contractor to DOE may be initially verbal with written documentation fully explaining the impact and the reason/rationale for the impact and possible consequences. Whenever reasonably possible all such materials shall be provided to DOE not later than 90 days prior to the date they are to be submitted to the regulatory agency.
- (3) Multiple Contractors as Permittees. Where appropriate, in situations where multiple contractors are operators or co-operators of operations requiring environmental permits, DOE will sign such permits as owner or co-operator and affected contractors shall sign as operators, or co-operators. In this scenario, the Contractor shall coordinate as appropriate with DOE and contractors affected by the permit.
- (c) Permit Applications. The Contractor shall provide to DOE for review and comment in draft form any permit applications and other regulatory materials necessary to be submitted to regulatory agencies for the purposes of obtaining a permit. Whenever reasonably possible all such materials shall be provided to DOE initially not later than 90 days prior to the date they are to be submitted to the regulatory agency. The Contractor shall normally provide final regulatory documents to DOE at least 30 days prior to the date of submittal to the regulatory agencies for DOE's final review and signature or concurrence. Special circumstances may require permits to be submitted in a shorter timeframe. As soon as the Contractor is aware of any such special circumstance, the Contractor shall provide notice to DOE as to the timeframe in which the documents will be submitted to DOE. The Contractor may submit for DOE's consideration, requests for alternate review, comment, or signature, schedules for environmental permit applications or other regulatory materials covered by this Clause. Any such requests shall be submitted 30 days before such material would ordinarily be required to be provided to DOE. Any such schedule revision shall be effective only upon approval from the CO.
- (d) Copies, Technical Information. The Contractor shall provide DOE copies of all environmental permits, authorizations, and regulatory approvals issued to the Contractor by the regulatory agencies. DOE will, upon request, make available to the Contractor access to copies of environmental permits, authorizations, and approvals issued by the regulatory agencies to DOE that the Contractor may need to comply with under applicable law. The Contractor shall and DOE will provide to each other copies of all documentation, such as letters, reports, or other such materials transmitted either to or from regulatory agencies relating to the contract work. The Contractor and DOE shall maintain all necessary technical information and regulatory analysis required to support applications for revision of DOE or other Site contractor environmental permits when such regulatory analysis, applications or revisions are related to the Contractor's

operations. Upon request, the Contractor or DOE shall provide to the other party access to all necessary and available technical information required to support applications for or revisions to permits or permit applications. Unless specific text is required by the regulation or permit, the Contractor shall provide to DOE a certification statement relating to such technical information in the form required by the following paragraph.

- (e) **Certifications.** The Contractor shall provide a written certification statement attesting that information DOE is requested to sign was prepared in accordance with applicable requirements. The Contractor shall include the following certification statement in the submittal of such materials to DOE:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

The certification statement shall be signed by the individual explicitly authorized by the Contractor to sign such certification statements submitted to federal or state regulatory agencies under the applicable regulatory program.

- (f) **Termination, Expiration, Permit Transfer.** In the event of expiration or termination of this Contract, DOE may require the Contractor to take all necessary steps to transfer some or all environmental permits held by the Contractor. DOE will assume responsibility for such permits, with the approval of the regulating agency, and the Contractor shall be relieved of all liability and responsibility to the extent that such liability and responsibility results from the acts or omissions of a successor Contractor, DOE, or their agents, representatives, or assigns. The Contractor shall remain liable for all unresolved costs, claims, demands, fines, and penalties, including reasonable legal costs, arising prior to the date such permits are transferred to another party. The Contractor shall not be liable for any such claims occurring after formal transfer unless said claims result from the Contractor's action or inaction that occurred prior to transfer.
- (g) **Miscellaneous.** The Contractor shall accept assignment or transfer of permits pertaining to matters under this Contract currently held by DOE and its existing Contractor. The Contractor may submit for DOE's consideration requests for alternate review, comment, or signature schedules for environmental permit applications or other regulatory materials covered by this Clause. Any such schedule revision shall be effective only upon written approval from the CO.

H.56 Partnering

In order to most effectively accomplish this contract, the Government proposes to form a cohesive partnership with the Contractor. It is a way of doing business based on trust, dedication to common goals, and an understanding and respect of each other's expectations and values. The process creates a team building environment which fosters better communication and problem solving, and a mutual trust between the participants. These key elements create a climate in which issues can be raised, openly discussed, and jointly settled without getting into an adversarial relationship. In this way, partnering is a mindset, and a way of doing business. It is an attitude toward working as a team and achieving successful project execution. This endeavor seeks an environment that nurtures team building cooperation, and trust

between the Government and the Contractor. The partnership strives to draw on the strengths of each organization in an effort to achieve a quality project done right the first time, within budget, on an on schedule.

Participation in the partnership will be totally voluntary by the parties. Any cost associated with effectuating this partnership will be agreed to by both parties during Contract performance. The U.S. Army Corp of Engineers has championed partnering and their guidelines will be utilized in organizing partnering meetings and establishing a partnering agreement.

H.57 Laws, Regulations, and DOE Directives

- (a) In performing work under this Contract, the Contractor shall comply with the requirements of applicable Federal, State, and local laws and regulations (including DOE regulations), unless relief has been granted in writing by the appropriate regulatory agency. **Section J, Attachment J-2, Requirements Sources and Implementing Documents, Section List A, Applicable Federal, State and Local Regulations**, may be appended to this Contract for information purposes. Omission of any applicable law or regulation from the Contract does not affect the obligation of the Contractor to comply with such law or regulation pursuant to this paragraph.
- (b) In performing work under this Contract, the Contractor shall comply with the requirements of those Department of Energy directives, or parts thereof, identified in the List of *Applicable Directives* (List B) appended to this Contract, and specifically the contractor requirements documents attending listed Directives, until such time as the CO approves the substitution of an alternative procedure, standard, system of oversight, or assessment mechanism.
- (c) Except as otherwise directed by the CO, the Contractor shall procure all necessary permits or licenses required for the performance of work under this Contract.
- (d) Regardless of the performer of the work, the Contractor is responsible for compliance with the requirements of this clause. The Contractor is responsible for flowing down the requirements of this clause to subcontracts at any tier to the extent necessary to ensure the Contractor's compliance with the requirements.

H.58 National Nuclear Security Administration/Environmental Management Strategic Sourcing Partnership

The Contractor shall participate in the NNSA/Environmental Management (EM) Strategic Sourcing Partnership. Under this partnership, EM contractors shall work with the NNSA/EM Supply Chain Management Center to yield an enterprise-wide, synergistic strategic sourcing solution that leverages NNSA and EM purchasing power to gain pricing, processing, and report efficiencies to reduce costs overall for the Government.

H.59 Mentor-Protégé Program

Both DOE and the Small Business Administration (SBA) have established Mentor-Protégé Programs to encourage Federal prime contractors to assist small businesses, firms certified under Section 8(a) of the Small Business Act by the SBA, other small disadvantaged businesses, women-owned small businesses, historically black colleges and universities and minority institutions, other minority institutions of higher learning, and small business concerns owned and controlled by service-disabled veterans in enhancing its business abilities. During the contract period of performance, the Contractor shall mentor at least two (2) active Protégés (whether new or existing) through the DOE and/or SBA Mentor-Protégé Programs. Mentor and Protégés will develop and submit “lessons learned” evaluations to DOE at the conclusion of the contract.

- (a) DOE Mentor-Protégé Agreements shall be in accordance with DEAR Subpart 919.70 entitled, *The Department of Energy Mentor-Protégé Program*.
- (b) SBA Mentor-Protégé Agreements shall be in accordance with applicable SBA regulations.

H.60 Legal Management

- (a) The Contractor shall maintain a legal function to support litigation, arbitration, environmental, procurement, employment, labor, and the Price Anderson Amendments Act areas of law. The Contractor shall provide sound litigation management practices. Within 60 days of NTP, the Contractor shall provide a Litigation Management Plan compliant with 10 CFR 719, *Contractor Legal Management Requirements*.
- (b) As required by the CO, the Contractor shall provide legal and related support to the Government on regulatory matters, third-party claims, and threatened or actual litigation. Support includes, but is not limited to case preparation, document retrieval, review and reproduction, witness preparation, expert witness testimony, and assistance with discovery or other information requests responsive to any legal proceeding.
- (c) When evaluating requests for reimbursement or allowability of Contractor costs associated with defense and/or settlement of legal claims brought against the Contractor by a third party:
 - (1) DOE will not reimburse Contractor legal defense costs or damages incurred where a judgment is issued finding that the Contractor engaged in discriminatory conduct prohibited by the terms of the Contract, such as those covered by FAR 52.222-26, *Equal Opportunity*; FAR 52.222-35, *Equal Opportunity for Veterans*; and FAR 52.222-36, *Equal Opportunity for Workers With Disabilities*.
 - (2) DOE will not reimburse the Contractor legal costs associated with a settlement agreement (including legal defense costs, settlement awards, or both) associated with legal claims brought against the Contractor by a third party relating to discriminatory conduct prohibited by the terms of the Contract, such as those covered by FAR 52.222-26, *Equal Opportunity*; FAR 52.222-35, *Equal Opportunity for Veterans*; and FAR 52.222-36, *Equal Opportunity for Workers with Disabilities*, where the CO determines that the plaintiff's claim(s) had more than very little likelihood of success on the merits. Where the plaintiff's claim had very little likelihood of success on the merits, the defense and settlement costs related to the claim are allowable if the costs are otherwise allowable under the contract (e.g., reasonable, allocable).

H.61 Emergency Response

- (1) The affected DOE Manager or Contractor shall determine when an emergency situation may exist at the DUF6 Project (either the Portsmouth or Paducah sites) and notify the appropriate emergency response organization. In the event of an emergency, the DOE of the affected site will have the authority to direct any and all activities of the Contractor and subcontractors necessary to resolve the emergency situation. Upon termination of the emergency event, the Contractor shall perform recovery actions as appropriate.
- (2) The Contractor shall include this Clause in all subcontracts at any tier for work performed in support of the on-site work under this contract.

H.62 Interface and Cooperation with Other Site Contractors/Entities

The Contractor will perform the work under this Contract at DOE sites managed and operated by other DOE prime contractors or other entities. Additionally, the Government may award contracts to other contractors for work to be performed at these sites. Interfaces and cooperation with the sites' landlord

contractors/entities are critical to the successful performance of the scope under this Contract and to avoid impacts to site operations. These interfaces are summarized in **Section J, Attachment J-5, *Site Services and Interface Requirements Matrix***.

The Contractor shall coordinate and cooperate fully with site prime contractors/entities and their subcontractors and Government employees. The Contractor shall coordinate its own work with such other work as may be directed by the CO or a duly authorized representative. Cooperation includes, but is not limited to the following types of activities: compliance with applicable site-specific requirements; working together to resolve work performance interfaces, logistics, and issues; establishing working groups; participating in meetings; providing access to applicable technical and contract information and data such as schedule and milestone data; discussing technical matters related to the scope of work; providing access to contractor facilities or areas; and allowing observation of technical activities by appropriate personnel.

The Contractor shall not commit any act which will interfere with the performance of work by any other contractor or by a Government employee, and shall seek CO direction if there is an unresolved conflict. The Contractor is not authorized to direct any other DOE prime contractor or other entities.

The Contractor shall comply with existing memorandums of agreement/understanding between PPPO and other DOE programs, as applicable, and may establish formal written agreements with other site contractors as necessary. In the event the Contractor plans to enter into a new written agreement with another site contractor that is expected to result in cost or schedule impacts to the work under this Contract, the Contractor shall obtain prior approval from the CO.

H.63 Department of Energy National Training Center

The Contractor is encouraged to utilize the DOE National Training Center (NTC) training resources for occupational health, safety, safeguards, and security. NTC training is funded by DOE with no cost to the Contractor. NTC course offerings, information on NTC site certification, enrollment, and contact information can be found at <https://ntc.doe.gov>.

NTC training should be considered common core fundamental material. The Contractor may need to provide gap training to address site specifics identified through its approved Integrated Safety Management Program and associated program plans required by existing DOE requirements. Gap training should not repeat fundamental training core content.

H.64 Management of Accountable Property

Accountable personal property is any property item with an original unit acquisition cost of \$10,000 or more; or meeting the precious metals, sensitive, or high-risk personal property definitions. Accountable property records must be managed and maintained current in a property management system of record from inception to formal disposition and removal from DOE inventory.

H.65 Real Property Asset Management

For all real property assigned, the Contractor shall be responsible for compliance with all real property asset management requirements; federal rules and regulations; DOE Orders, policies, procedures and systems; and all applicable laws. Regardless of who performs the work, the Contractor shall be responsible for compliance with this clause and is responsible for flowing down real property requirements to subcontractors to the extent necessary to ensure compliance.

The Contractor must ensure all actions involving planning, acquisition, sustainment, and disposition of real estate and real property assets are reviewed, and approved by an authorized Certified Realty

Specialist (CRS), as appropriate, prior to execution by a DOE official with delegated real estate authority, to include termination or modification of rights of ownership, possession, entry or use of real property, even if these types of actions are contained within other documents, per Supplemental Real Estate Guidance to Clarify Types of Agreements that are Real Estate Actions, and Approval of Real Estate Provisions of Multi-Subject Agreements, January 2021. The Contractor shall submit all real estate proposals to acquire, utilize, and dispose of real property assets to the Site assigned DOE CRS, through the Site Assigned Real Property Officer (RPO) for review and approval. Real estate actions, subsequent to CRS review and approval, shall be executed at the appropriate level of delegated authority, such as authority possessed by a Real Estate Contracting Officer (RECO).

The Contractor shall manage real property in a safe, secure, cost-effective, and sustainable manner to ensure compliance with Department of Energy Order 430.1C, *Real Property Asset Management* applicable guidelines, protocols, procedures, processes, and the requirements in this Contract. The Contractor shall ensure real property assets are available, utilized, and in a suitable condition to support efficient mission execution. Where specific guidance is not given, the Contractor has latitude to accomplish the required outcomes via its most cost effective and efficient processes.

The Contractor shall apply industry leading practices, voluntary consensus standards, and customary commercial practices where practicable to ensure all actions involving planning, acquisition, sustainment, and disposition of interests in real property are effectively managed and compliant.

- (a) The Contractor shall maintain, in a complete and current condition, all real estate records for the Site.
- (b) To ensure sustainability activities are consistent with requirements dictated by statutory, regulatory, and other DOE and EM policies, the Contractor shall align real property planning with DOE strategic plans, the Asset Management Plan and other program guidance to include:
 - (1) Applicable requirements related and not limited to sustainability; environment, health, safety and security; earthquake risks; cultural and natural resource preservation; historic preservation; and climate change resilience, adaptation, and sustainability are addressed;
 - (2) General purpose infrastructure and programmatic requirements;
 - (3) Real property needs of site tenants;
 - (4) Surveillance and maintenance and long-term stewardship (LTS) resource requirements;
 - (5) The identification of the mission and core capability associated with all real property;
 - (6) The determination of the optimum set of facilities and infrastructure needed to maintain each applicable core capability; and
 - (7) Perform comprehensive energy and water assessments for each operating covered facility at least once during any four-year period per Energy Independence and Security Act (EISA) requirements.
- (c) **Real Property Asset Management Planning:** Based on DOE-furnished program planning guidance, and in coordination with the Site RPO and CRS, the Contractor must annually prepare and submit, a Five-Year Site Plan (5YSP) to identify financial investments for acquisition, sustainment, and disposition of real property assets to support DOE strategic plans, program guidance, and Departmental performance targets, for DOE review and approval, to include, but not limited to, the following:

- (1) Assessment of the current real property assets against program mission projections.
 - (2) Identification of the specific real property asset projects and activities required to meet program mission projections.
 - (3) Support EM's baseline plans for planning, acquisition, sustainment, and disposition of real property, OSFs, excess facilities, and excess contaminated facilities as required by DOE O 430.1C.
 - (4) Prioritized list of real property acquisition, sustainment, and disposition activities and projects;
 - (5) Results of annual utilization surveys, energy and water surveys;
 - (6) Summary of changes and the annual totals of real property acquisition and disposition building footprint;
 - (7) The reduction and/or consolidation of space, specifically addressing space policy, program benchmarks for space utilization, and space assignment and utilization standards;
 - (8) Remaining service life;
 - (9) Identification of prioritized financial investments in real property; and
 - (10) Support DOE in the development of the IFI Crosscut budget in accordance with guidance issued jointly by the Office of Management and Office of the Chief Financial Officer.
 - (11) Ensure applicable requirements related and not limited to, adaptation, and sustainability; environment, health, safety and security; earthquake and other natural hazards risks; cultural and natural resource preservation; historic preservation; and climate change resilience are addressed;
 - (12) Identify general purpose infrastructure and programmatic requirements;
 - (13) Define real property needs of site tenants;
 - (14) Identify surveillance and maintenance, and long-term stewardship (LTS) resource requirements;
 - (15) Ensure that mission and core capabilities are defined for all real property;
 - (16) Determine the optimum set of facilities and infrastructure needed to maintain each applicable core capability
 - (17) Assess the real property portfolio against delineated program mission requirements by core capability at least every five years. More frequent reassessments are required if mission requirements change, the core capability assigned to an asset changes, the asset is repurposed, or there are major changes to the asset's physical condition or use.
- (d) Performance Measures and Reporting: The Contractor is responsible and accountable for any real property under its management and control in developing real property asset performance measures commensurate with their assigned duties and responsibilities, including:
- (1) Proposing performance measures annually;

- (2) Proposing performance measures that link performance of program goals and budgets to desired outcomes; and
- (3) Proposing annual performance targets for real property assets.
- (4) The Contractor shall support DOE in providing and maintaining data in *Integrated Planning Accounting and Budgeting System (IPABS)*, the *IPL*, and the IFI Crosscut with high quality data inputs and timeliness of data to support EM decision-making without the need for requesting data updates on a regular basis.

DOE retains sole performance measure authority and will establish and approve all performance measures, and set expected performance outputs and outcomes in annual direction and guidance.

- (e) Facilities Information Management System (FIMS): The Contractor shall maintain FIMS data and records, which are DOE's corporate real property inventory database for all lands, buildings, trailers, other structures and facilities, and real property in which DOE holds a legal interest in, or right to use, consisting of approximately 165 data elements to ensure the following:
- (1) Keep FIMS data elements current, adhering to and in compliance with the most current DOE "FIMS User's Guide", and annual FIMS "Reporting Deadlines and Validation Guidance" requirements;
 - (2) Keep FIMS data fields current throughout the real property asset lifecycle and align with the FIMS Data Dictionary;
 - (3) Keep FIMS data consistent across DOE to enable comparable reporting and trend analyses;
 - (4) Use FIMS data to meet FRPP requirements and the Department's DM and other real property reporting requirements including, but not limited to, the Agency's yearly financial statement;
 - (5) Keep Real property records supporting FIMS data (source documentation) maintained;
 - (6) Record annually the results of Asset Condition Assessment Survey (ACAS), Functional Assessments, and real property utilization assessments in FIMS or the DOE Condition Assessment Information System (CAIS).
 - (7) Coordinate Records management changes resulting in revisions to the FIMS User's Guide through appropriate governance;
 - (8) Archive FIMS information regarding real property assets that have been disposed of, including all related institutional controls; and
 - (9) Develop a completion report or equivalent document for each disposition project and include in FIMS ensuring the completion report/document describes, at a minimum, project activities, final facility status, cost information, and verification and validation that specific end-point criteria have been met.

The Contractor shall annually confirm a 90% or better confidence level of FIMS data accuracy, in accordance with the FIMS User Guide, and annually provided FIMS "Reporting Deadlines and Validation Guidance" requirements and take all actions necessary to correct identified discrepancies using an DOE approved corrective action plan for FIMS Validation score of "Red".

- (f) Acquisition of Real Property Assets: The Contractor shall support DOE, as requested, in any of the following activities:

- (1) Ensure that prior to requesting Federal approval, real property acquisitions are supported by a mission need, a business case analysis, a current utilization survey, and life-cycle cost alternatives analysis;
- (2) Ensure construction or renovation of existing DOE-owned buildings above 5,000 gross square feet meet federal sustainability guiding principles and building efficiency requirements;
- (3) Ensure new solicitations for DOE-leased buildings above 10,000 rentable square feet meet building efficiency, performance, and management requirements;
- (4) Ensure facilities regardless of ownership comply with applicable federal metering requirements;
- (5) Ensure newly constructed or leased building area, regardless of ownership, with a predominant use of office or warehouse is offset by building area of an equivalent or greater size; and
- (6) Ensure newly constructed, renovated, or leased building area designated for office is reviewed and approved by a CRS to ensure use does not exceed the Department's office space design standard, an average of 180 square feet of usable area per person, regardless of predominant use of the building.
- (7) Ensure all real property regardless of acquisition method are reported in the FIMS Anticipated Asset Information Module at least five (5) years prior to beneficial occupancy.
- (8) Contractor Leases: A Contractor Lease is real property leased by the Contractor to perform work for DOE, and the cost of the lease rent is reimbursed under the DOE contract. The Contractor must obtain prior approval by the DOE Contracting Officer (CO) and prior approval of the CRS, by providing the following information and documentation:
 - Identify the need to lease space, the amount of space required, and specific location or delineated area.
 - Confirm that no Government-controlled space is available for use.
 - Explain the reason for the selected delineated area (especially if it is something other than the central business district).
 - Define the type, size and specific requirements of space needed.
 - Provide evidence that competition was sought and describe the method used (i.e., adequate advertisement to potential interested parties).
 - Document that a request for lease proposals was issued, and to whom.
 - Results of the market survey.
 - Disseminate, collect, and review responses to the request for proposals.
 - Documentation that negotiations were conducted based on proposals received.

- Identify the Lessor of choice based on the acceptable offer (i.e., lowest price per square foot or the offer that is most beneficial to the Government). Include a cost analysis (table) of terms and options, which identifies costs per usable square foot and total costs.
 - Describe the process used to obtain market data, such as a market survey or formal appraisal by a licensed appraiser, and resulting determination of fair market value.
 - Lease Language:
 - No termination clause requiring notice longer than 365 days.
 - Negotiate the best deal with the shortest term, or earliest termination date, possible.
 - Include provisions allowing reassignment of the lease to a successor contractor or DOE.
 - For Leadership in Energy and Environmental Design (LEED) Certification, the contractor should demonstrate that effort was made to acquire LEED facilities. When soliciting space, the contractor should indicate that a preference for LEED certified facilities will be given during the review of proposals. The DOE preference is the LEED Silver level or higher. Documentation of the effort to acquire LEED space through the advertisement and solicitation process should be provided within the Justification/Background narrative of the documentation submitted for CRS review and approval.
 - If a contractor believes it is in the best interest of the Government not to use a competitive process for a leasing action, then a sole-source procurement may be allowable, but only with prior approval of the CRS. In such cases, the contractor should:
 - Prepare a sole-source justification to demonstrate that a non-competitive procurement is in the best interest of the Government, as opposed to advertising an expression of interest and issuing a request for lease proposals.
 - Provide the DOE CRS (in advance), via the CO, with a sole-source justification for approval, prior to beginning negotiations with the potential lessor.
 - Present a narrative justification that includes associated cost analysis information specific to the stated need, while also including market survey information specific to the space requirement.
 - Conduct a market survey to identify any space(s) that may satisfy the requirement.
- (9) Requirements for the acquisition of real property by lease will still apply, except those specific to competition and advertising.
- (g) Disposition of Real Property Assets: When DOE identifies that a program mission or facility is no longer required, the contractor must initiate preparation of affected real property assets for disposition, including potential reuse for other missions (such as economic redevelopment or reuse). Disposition activities must be consistent with the guiding principles and core functions of

the Department's integrated safety management and facility disposition policies. To prepare for disposition, the contractor must do the following:

- (1) Identify real property assets that are likely to be declared as excess in a 10-year planning horizon and the anticipated year of excess. This information must be included in FIMS per the FY 2017 Guidance for Evaluating the Department of Energy's Excess Facilities, Revision 1, March 13, 2017.
- (2) Develop a disposition baseline, including costs to disposition at the facility level, to assess and prepare the facility for disposition. Also costs for the maintenance, surveillance, repair, and any operations must also be reported in FIMS per the FY 2017 Excess Contaminated Facilities Working Group (ECFWG) Guidance.
- (3) Technical, programmatic, and regulatory information is to be used in the disposition preparation and planning process. The disposition baseline must include the following information:
 - (i) Surveillance and maintenance requirements needed to ensure the real property asset, including its systems, and stored hazardous materials and waste remain in a stable and known condition and that adequate protection is provided to the workers, the public, and the environment pending disposition;
 - (ii) Identification and characterization of hazardous and radioactive materials, waste, and hazardous conditions of the real property asset; and
 - (iii) Assessment and adjustment of the facility authorization basis, as necessary, to reflect conditions and activities pending disposition.
 - (iv) Develop a disposition plan that identifies, assesses, and evaluates alternatives and integrates environmental, safety, and health requirements into disposition activities. The disposition plan should be tailored based on the disposition baseline and disposal method to be used (e.g., reuse, demolition, or decommissioning). The disposition plan shall contain a level of detail for what is going to be done, and how/when it will be done to ensure that scope, cost and schedule are reasonable and achievable based on the plan.
 - (A) Identify excess real property that is appropriate for economic development and, if any such property is identified, annually make a list of property available to potentially-interested parties.
 - (B) Determine whether to dispose of real property by sale or lease in accordance with 10 CFR Part 770, or to dispose of it through other processes;
 - (C) Notify DOE Headquarters organizations (Office of General Counsel, Office of Management, Office of the Chief Financial Officer, and EM) a minimum of 90 days before any disposal by sale or lease out-grant made under DOE authorities;
 - (D) Long term stewardship (LTS) and future land use considerations must also be considered when performing disposition planning. LTS is the primary responsibility of the Office of Legacy Management (LM), and contractors shall ensure that efforts and plans are coordinated and integrated with LM's requirements and policies; and

- (E) Support DOE in updating FIMS data fields during real property asset disposition (e.g., identified as excess, transferred to another program office, placed into inactive status, dismantled, or placed in LTS), and archive information regarding real property assets that have been disposed and add all real property related institutional controls to FIMS.
 - (F) Adhere to Site protocols, if developed, or EMCBC Management System Description.
- (h) **Excess Asset/Facility Management:** Contractors responsible for disposition of excess assets or facilities shall:
 - (1) Identify to DOE real property assets that are needed or no longer needed to meet mission needs;
 - (2) Track annual costs for maintenance, repair and upkeep, at the asset level, for maintaining excess facilities once the asset is declared excess until final disposition and report this value in FIMS;
 - (3) Provide estimated final disposition or decommissioning costs for all excess assets and any assets expected to be excessed in the next 10 years (at the asset level) and report that cost in FIMS per the annual “Guidance for Evaluating the Department of Energy’s Excess Facilities”, ensuring these costs are consistent with data in the EM IPABS Planning Module;
 - (4) Assist DOE to screen real property assets in accordance with federal laws, regulations, and the Department’s internal process for screening real property assets prior to declaration of excess;
 - (5) Identify to DOE excess real property that is appropriate for economic development and, if any such property is identified, annually list property available to potentially-interested parties within the 5YSP;
 - (6) Record planned disposition of real property assets in FIMS, as well as in 5YSP;
 - (7) Assist DOE to determine whether to dispose of real property by sale or lease in accordance with 10 CFR Part 770, or to dispose of it through other processes;
 - (8) Ensure physical controls, institutional controls, and other mechanisms to protect the workers, public and the environment are in place while performing disposition activities;
 - (9) Assist DOE to dispose of unneeded real property assets declared excess to mission needs using demolition, sale, economic development, lease termination, interagency transfer, or other DOE-approved methods;
 - (10) Assist DOE to perform real estate actions for out-grants in accordance with applicable environmental laws, regulations, and DOE directives, including:
 - (i) Lease out-grants under the authority in 42 U.S. Code § 7256, commonly referred to as the “Hall Amendment”, must comply with the Joint DOE/Environmental Protection Agency Interim Policy Statement on Leasing, dated June 30, 1998;
 - (ii) Out-grants of excess property may be made if disposal by sale is not practical;

- (iii) Out-grants of non-excess property may be made if the out-grant does not conflict with DOE missions; and
 - (iv) Out-grants by lease for economic development are subject to the Congressional notification requirements.
- (11) Assist DOE in completing the transfer of excess real property assets in accordance with applicable Departmental directives, including prior written consent from the receiving entity; and
- (12) Assist DOE in disposing of excess contaminated real property assets in accordance with applicable Departmental directives and federal laws and regulations.
- (i) Sustainment of Real Property Assets: Contractor shall establish a cost-effective sustainment program to keep existing operational, excess, and those facilities transitioning from operational to shut down in an acceptable safe and stable condition, functional, or sustainable in support of its current operational status or mission. Contractor sustainment program must include:
 - (1) A systematic management process for planning and budgeting for known future cyclical maintenance, repair, and renovation requirements for major building components or infrastructure systems.
 - (2) A mechanism to track direct and indirect funded expenditures for maintenance and repair and renovation at the asset level.
 - (3) The Contractor shall support DOE, as requested, in any of the following activities:
 - (i) Maintain real property assets, including the mechanical and electrical systems that are installed as part of basic building construction and are essential to the normal functioning of the facility, in a condition suitable for its intended use;
 - (ii) Establish a Maintenance Management Program that promotes operational and worker safety, public health, environmental compliance, and cost effectiveness while meeting the program missions. See Section 5, Maintenance, below for additional requirements of a compliant Maintenance Management Program;
 - (iii) Develop five-year forecast (by fiscal year) as part of the 5YSP and update annually to identify financial investments for sustainment of real property assets to support DOE strategic plans, program guidance, and Departmental performance targets. Include consideration for desired level of service, remaining service life, current Asset Condition Assessment Surveys (ACAS), EISA energy and water evaluations, utilizations surveys, the mission dependency of the asset, and projected funding for DM reduction. The EISA assessments for each operating covered facility must be performed at least once during any four-year period;
 - (iv) Report asset level annual required maintenance in FIMS for the upcoming fiscal year, including the estimated fully burdened costs of predictive and preventive maintenance and repair activities;
 - (v) Conduct tailored Asset Condition Assessment Survey (ACAS) for each real property asset assigned, to determine the need for preventive or remedial action, using industry standard graded approaches tailored to the inspection type and frequency that aligns with asset ownership, use, and mission dependency as follows:

- (A) Perform physical Asset Condition Assessment Survey (ACAS) on each real property asset (including operational and excess facilities) at least once every five-year period or other risk-based interval as approved by EM;
 - (B) Perform more frequent assessments for real property assets (including operational and excess facilities) identified as mission unique or critical, or assets that pose an increased risk to life safety or the environment, or as mandated by federal, state or local codes;
 - (C) Determine the current physical condition of each real property asset, its estimated time to failure, and the optimum period for repairs and replacement based on engineering and maintenance analyses;
 - (D) Estimate the costs to correct deficiencies identified during the ACAS using the DOE Condition Assessment Information System (CAIS) or another nationally recognized cost estimating system that is formatted in UNIFORMAT II and based on annually updated unit cost data (e.g., RS Means; Building News; Craftsman Book Company; Richardson General Construction Estimating Standards). Cost estimates must be updated annually and include contractor indirect costs;
 - (E) Categorize all deficiencies noted in the physical asset condition assessments as Repair Needs (RN). The review each of those repair needs and determine which of those repair needs should also be categorized as Deferred Maintenance (DM; and
 - (F) Regardless of the extent of tailoring (in schedule, scope and comprehensiveness) the contractor must maintain a high degree of confidence in their real-time understanding of facility conditions and risks and ensure that EM Field Office Managers are in concurrence with their risk acceptance perspectives.
- (4) Perform a Functional Assessment of each operating real property asset to identify what is missing that is keeping the asset from fully supporting its mission requirement (or from doing so in a practical, efficient, or safe manner). The estimated cost to perform these functional upgrades represents the asset's Modernization Cost. This assessment should be performed at least once during any five-year period or other risk-based interval as approved by the cognizant PSO based on industry leading practices, voluntary consensus standards, and customary commercial practices;
- (5) Estimate the Modernization costs to correct the functional deficiencies identified during the Functional Assessment using the DOE Condition Assessment Information System (CAIS) or another nationally recognized cost estimating system that is formatted in UNIFORMAT II and based on annually updated unit cost data (e.g., RS Means; Building News; Craftsman Book Company; Richardson General Construction Estimating Standards). Cost estimates must be updated annually and include contractor indirect costs
- (6) Recommission covered facilities at least once during any four-year period, tailored to the size and complexity of the building and its systems and components, to optimize and verify performance of existing systems; and
- (7) Record annually the results of ACAS and Functional Assessments in the CAIS. Record the Real property utilization assessments in FIMS.

- (j) **Maintenance of Real Property Assets:** The Contractor shall develop and implement a compliant Maintenance Management Program to ensure real property assets are maintained in a manner that promotes operational and worker safety, public health, environmental compliance, and cost-effectiveness while meeting the program missions using a balanced approach that not only sustains the assets, but also provides for their safe upkeep while awaiting ultimate disposition for EM excess facilities. The Maintenance Management Program that will include the following:
- (1) Technical and management processes to align the performance, functional, and physical attributes of real property facilities, structures, systems, and components in the maintenance program with associated requirements, design, and operational information,
 - (2) Processes established for all hazard category 1, 2, and 3 nuclear facilities must comply with applicable DOE standards; and
 - (3) For other facilities, voluntary consensus standards, including American National Standards Institute/Electronic Industries Alliance (ANSI/EIA) – 649, National Consensus Standard for Configuration Management or DOE standards must be applied as determined by the responsible DOE element to comply with applicable DOE maintenance management directives, such as DOE O 433.1B, *Maintenance Management Program for DOE Nuclear Facilities* in addition to the maintenance requirements of this Order;
 - (4) Ensures real property asset availability for planned use or disposition using preventive and predictive maintenance and repairs; Includes Asset Condition Assessment Surveys (ACAS) of the real property assets;
 - (5) Identification of 5-year maintenance and repair requirements (sustainment) and funding for DM reduction;
 - (6) A computerized maintenance management system (CMMS) that includes;
 - (i) Track maintenance at the asset level;
 - (ii) Preventative/Scheduled/Warranty Work;
 - (iii) a master equipment list;
 - (iv) maintenance service levels;
 - (v) A method to determine for each asset the minimum acceptable level of condition; methods for categorizing deficiencies as DM;
 - (vi) Management of the DM backlog;
 - (vii) A method to prioritize maintenance work;

H.66 Organizational Conflict of Interest – Affiliate(s)

The prime contractor, MCSA, comprised of Atkins Nuclear Secured, LLC, Westinghouse Government Services, LLC, and Jacobs Technology, Inc., is responsible for the completion of all aspects of this contract. In order to effectively and satisfactorily execute its responsibility to manage and accomplish the contract work, the prime contractor must have complete objectivity in its oversight and management of its subcontractors. Therefore, consistent with the principle contained in FAR subpart 9.5 and specifically Section 9.505(a), and notwithstanding any other provision of this Contract, the prime contractor is, absent

prior written consent from the CO as provided herein, prohibited from entering into a subcontract arrangement with any affiliate or any affiliate of its partners, or utilize any affiliate or affiliate of its partners, to perform work under a subcontract. Such contractual relationship(s) are presumed to create an impaired objectivity type conflict of interest. If the contractor believes the capabilities of an affiliate could be utilized in such a manner as to neutralize or avoid the existence of an organizational conflict of interest, the Contractor must obtain the CO's written consent prior to placing the subcontract.

For the purpose of this clause, affiliation occurs when a business concern is controlled by or has the power to control another or when a third party has the power to control both.

H.67 Sales of Conversion Products and Excess Uranium Inventory

(a) Definitions:

- (1) "Product" means any saleable material resulting from the DUF6 conversion process, including, but not limited to, Uranium Oxide (UOx), Hydrofluoric Acid (HF), and Calcium Fluoride (CaF₂).
- (2) "Contractor's development and implementation costs," as used in this clause, means those costs incurred by the OSMS Contractor in developing, testing, preparing, and submitting the proposal, as well as those costs incurred by the Contractor to make the contractual changes required for approval by the Contracting Officer.
- (3) "Contractor's proposal," as used in this clause, means the proposal the Contractor prepares and submits to the Contracting Officer for approval in accordance with this clause.
- (4) "Government costs," as used in this clause, means those agency costs that result directly from developing and implementing the Contractor's proposal, such as any net increases in the costs of testing, operations, maintenance, safety reviews, oversight, and logistics support. The term does not include the normal administrative costs of processing the Contractor's proposal or any increase in this Contract's cost or price resulting from negative Contract savings (see below).
- (5) "Net acquisition savings" means total acquisition savings under this Contract to include the product proceeds less: (1) the allowable costs associated with the sale that would not otherwise have been incurred during the performance of this Contract except to generate the product proceeds and (2) applicable Government costs.
- (6) "Negative contract savings," as used in this clause, means allowable costs associated with acceptance of the Contractor's proposal that exceed the product proceeds.
- (7) "Product proceeds" means the gross revenue obtained by the Contractor from the sale of DUF6 or DUF6 conversion products under this Contract.

(b) Sales:

- (1) The Contractor shall be responsible for the sale of any product as a sales agent for the Government. Title to any product shall remain with the Government until the product is sold. The Contractor shall, upon such terms and conditions as the Contracting Officer may approve, sell such property at a price (including "no-cost" sales) agreed upon by the Contracting Officer and the Contractor as the fair value thereof.

- (2) The Contractor shall provide assistance to DOE, as directed and authorized specifically by the Contracting Officer, to support or conduct sales of UF6 inventory consistent with the Secretarial Policy and DOE Excess Uranium Inventory Management Plan. This shall include moving cylinders, sampling, characterizing, transporting, and other handling activities in support of any uranium sales, independent of who conducts the sale on DOE's behalf.
 - (3) The Contractor will take no action to market or sell any products or inventory items until specifically directed by the Contracting Officer. The Contractor shall not prepare and the DOE will not review any Proposal for sale of product or inventory until such action is initiated by Contracting Officer direction.
 - (4) If and only if allowed by law, sale proceeds may be applied to reduce allowable costs under this Contract as directed by the Contracting Officer. The Contracting Officer will direct the disposition of product proceeds, to be returned to the U.S. Treasury or to be applied to reduce allowable costs under the Contract.
- (c) Contractor's Proposal: When directed by the Contracting Officer, the Contractor shall prepare a proposal for sale of UF6 inventory or any product and submit it to the Contracting Officer for review and approval. The Contractor's proposal should include, at a minimum, the following:
- (1) Description of the product or inventory items.
 - (2) Description of the projected quantities to be sold.
 - (3) Identification of the benefits and disadvantages to DOE of the proposed sale including, but not limited to, financial, technical, environmental, safety, and health.
 - (4) Identification and description of any impact or change to the current or projected conduct of operations.
 - (5) Detailed cost impact to current or projected operations including cost reduction and/or cost increases to the current or projected method of operations and any costs to be incurred in order to conduct sales.
 - (6) Projected sales proceeds.
 - (7) Estimated net acquisition savings.
 - (8) Estimated negative Contract savings, if any.
 - (9) Description of how the Contractor's accounting system will track the costs and sales proceeds associated with the proposed sale.
 - (10) Identification of increased or decreased funding by fiscal year needed to implement the Contractor's proposal, including funds for operations and capital improvements.
 - (11) Description and estimate of Government costs.
 - (12) Any projected impact to the environment and safety or health of project employees, site workers, and general public.

- (13) Identification of any changes to the Contract requirements, terms or conditions necessary to implement the Contractor's proposal.
 - (14) Identification of any permits and/or licenses required.
 - (15) A statement of the time by which a Contract modification accepting the Contractor's proposal must be issued in order to achieve the maximum cost reduction or sales proceeds, noting any effect of delay or acceleration of approval on the Contract completion time or delivery schedule.
 - (16) Identification of incurred and estimated Contractor's development implementation costs.
 - (17) Identification of the projected customers and their proposed use(s) of proposed sales products or inventory.
- (d) Government Action:
- (1) The Contracting Officer will notify the Contractor of the status of the Contractor's proposal within thirty calendar days after receipt by the Contracting Officer. If additional time is required, the Contracting Officer will notify the Contractor within the thirty day period and provide the reason for the delay and the expected date of the decision. The Government will not be liable for any delay in approving or rejecting the Contractor's proposal.
 - (2) The DOE decision may include direction to the Contractor for disposition of any product proceeds from the sale.
 - (3) The decision to approve or reject all or any part of the Contractor's proposal will be a unilateral decision made solely at the discretion of the Contracting Officer.
- (e) Contractor's Development and Implementation Costs
- (1) The Contractor will account for all the development and implementation costs under this clause separately from all other Contract costs. The Contractor's development and implementation costs will be unallowable Contract costs unless the Contracting Officer specifically approves them in advance or as part of the approval in paragraph (d) above.
 - (2) Approved development and implementation costs shall be included in the calculation of net acquisition savings.
- (f) Data Rights: If the Contractor's proposal is approved, the Contractor hereby grants the Government unlimited rights in the Contractor's proposal and supporting data, except that, with respect to data qualifying and submitted as limited rights technical data, the Government shall have the rights specified in the Contract modification implementing the Contractor's proposal and shall appropriately mark the data. (The terms "unlimited rights" and "limited rights" are defined in Part 27 of the Federal Acquisition Regulation.)
- (g) Accounting System:
- (1) The Contractor's accounting system shall account for all net acquisition savings including product proceeds. Each proposed and approved Contractor proposal for the sale of product or inventory item shall be accounted for separately unless otherwise agreed to by the Contracting Officer. By submitting a proposal under this clause, the Contractor grants the Contracting Officer or an authorized representative the right to examine Contractor records

including books, documents, and other types of factual information including cost and pricing data necessary for an adequate evaluation of claimed net acquisition savings.

- (1) If the cost of maintaining detailed accounting records is not warranted by the savings to be realized, the Contracting Officer and the Contractor may agree on alternative means by which savings can be measured.
- (h) The Contractor may not be the sole product sales agent for the Government. The Government reserves the right to use or otherwise dispose of any or all DUF6 and products, including disposition to third parties. In particular, the Government retains the right to encourage and promote third party use of DUF6 or any product.

H.68 DOE-H-2083 Safety Culture

The Contractor shall promote a strong safety culture which encourages safe performance of work and involvement of workers in all aspects of work performance and promotes core values that should be deeply, strongly, and consistently held by managers and workers. Contractor organizations shall foster that culture through proscribed contract actions designed to establish leadership commitment and behaviors consistent with those values; promoting a safety conscious work environment in which employees are encouraged to freely to raise safety concerns to management without fear of retaliation; prioritizing concerns based on safety significance; addressing and resolving those concerns in a manner that provides transparency; and supporting a questioning attitude concerning safety by all employees.

(a) The Contractor shall:

- (1) Adopt and continuously improve Organizational Culture, Safety Culture, and Safety Conscious Work Environment, including implementation and utilization of programs/processes that support employees raising concerns without fear of retaliation. These programs/processes include, but are not limited to, the Employee Concerns Program; the Differing Professional Opinions Process; Ethics and Compliance Program/Process; and Alternative Dispute Resolution.
- (2) Continuously promote a work environment where employees are encouraged to raise concerns. The Contractor shall define expectations, rigorously reinforce those expectations, and take actions to mitigate the potential for a chilling effect.
- (3) Conduct business in a manner fully transparent to DOE. Activities are demonstrated by open, clear, and well-communicated management actions and technical and project documentation. Identified issues and trends are proactively shared with DOE.
- (4) Champion programs which encourage a culture that promotes proactive self-identification and reporting of issues that identifies and takes action on systemic weaknesses leading to sustained continuous self-improvement.
- (5) Champion programs which encourage and emphasize the following safety culture attributes as described in DOE G 450.4-1C ISMS Guide, Attachment 10, "Safety Culture Focus Areas and Associated Attributes."
 - (i) Leadership
 - (A) Demonstrated safety leadership
 - (B) Risk-informed, conservative decision making

- (C) Management engagement and time in the field
- (D) Staff recruitment, selection, retention, and development
- (E) Open communication and fostering an environment free from retribution
- (F) Clear expectation and accountability
- (ii) Employee/Worker Engagement
 - (A) Personal commitment to everyone's safety
 - (B) Teamwork and mutual respect
 - (C) Participation in work planning and improvement
 - (D) Mindfulness of hazards and controls
- (iii) Organizational Learning
 - (A) Credibility, trust, and reporting errors and problems
 - (B) Effective resolution of reported problems
 - (C) Performance monitoring through multiple means
 - (D) Use of operations experience
 - (E) Questioning attitude.

H.69 Information Technology and Cyber Security Requirements

In the performance of the information technology and cyber security requirements of this Contract, the Contractor is responsible for compliance with the following items. Consistent with H.57, *Laws, Regulations, and DOE Directives*, omission of any applicable law or regulation from this list does not affect the obligation of the Contractor to comply with such law or regulation.

- (a) Code of Federal Regulations (CFR):
 - (1) 10 CFR 824 et seq., Procedures Rules for the Assessment of Civil Penalties for Classified Information Security Violations
 - (2) 10 CFR 1004 et seq., Freedom of Information Act
 - (3) 36 CFR Chapter XII, Subchapter B et seq., Records Management
 - (4) 41 CFR 102 et seq., Federal Management Regulation
- (b) United States Code (USC):
 - (1) 5 USC 552a et seq., Privacy Act
 - (2) 6 USC 1 et seq., Homeland Security Organization
 - (3) 6 USC 6 et seq., Cybersecurity
 - (4) 15 USC Chapter 100 et seq., Cybersecurity Research and Development

- (5) 17 USC 1 § 101 et seq., Subject Matter and Scope Of Copyright, Definitions
- (6) 18 USC 1030 et seq., Fraud and Related Activity in Connection with Computers
- (7) 18 USC Chapter 119 et seq., Wire and Electronic Communications Interception and Interception of Oral Communications
- (8) 18 USC Chapter 121 et seq., Stored Wire and Electronic Communications and Transactional Records Access
- (9) 29 USC 16, Subchapter V, 794 (d) et seq., Electronic and Information Technology
- (10) 31 USC § 501 et seq., Office of Management and Budget
- (11) 31 USC § 1101 et seq., The Budget and Fiscal, Budget, and Program Information; Definitions
- (12) 40 USC Subtitle III et seq., Information Technology Management
- (13) 41 USC Subtitle I, Division A, Chapter 1, Subchapter I, § 101 et seq., Federal Procurement Policy, Administrator
- (14) 44 USC 1 § 101 et seq., Joint Committee on Printing: Membership
- (15) 44 USC 21 et seq., National Archives and Records Administration
- (16) 44 USC 29 et seq., Records Management by the Archivist of the United States
- (17) 44 USC 31 et seq., Records Management by Federal Agencies
- (18) 44 USC 33 et seq., Disposal of Records
- (19) 44 USC 35 et seq., Coordination of Federal Information Policy
- (20) 44 USC 36 et seq., Management and Promotion of Electronic Government Services
- (c) Executive Orders:
 - (1) Executive Order 14058, Transforming Federal Customer Experience and Service Delivery to Rebuild Trust in Government
 - (2) Executive Order 14034, Protecting Americans' Sensitive Data from Foreign Adversaries
 - (3) Executive Order 14028, Improving the Nation's Cybersecurity
 - (4) Executive Order 13984, Taking Additional Steps to Address the National Emergency with Respect to Significant Malicious Cyber-Enabled Activities
 - (5) Executive Order 13960, Promoting the Use of Trustworthy Artificial Intelligence in the Federal Government
 - (6) Executive Order 13873, Securing the Information and Communications Technology and Services Supply Chain
 - (7) Executive Order 13870, America's Cybersecurity Workforce
 - (8) Executive Order 13859, Maintaining American Leadership in Artificial Intelligence

- (9) Executive Order 13858, Strengthening Buy-American Preferences for Infrastructure Projects
 - (10) Executive Order 13833, Enhancing the Effectiveness of Agency CIOs
 - (11) Executive Order 13800, Strengthening the Cybersecurity of Federal Networks and Critical Infrastructure
 - (12) Executive Order 13702, Creating a National Strategic Computing Initiative
 - (13) Executive Order 13691, Promoting Private Sector Cybersecurity Information Sharing
 - (14) Executive Order 13642, Making Open and Machine Readable the New Default for Government Information
 - (15) Executive Order 13636, Improving Critical Infrastructure Cybersecurity
 - (16) Executive Order 13589, Promoting Efficient Spending
 - (17) Executive Order 13587, Structural Reforms to Improve the Security of Classified Networks and the Responsible Sharing and Safeguarding of Classified Information
 - (18) Executive Order 13556, Controlled Unclassified Information
 - (19) Executive Order 13526, Classified National Security Information
 - (20) Executive Order 13231, Critical Infrastructure Protection in the Information Age, as amended by Executive Order 13284, Amendment of Executive Orders, and Other Actions, in Connection With the Establishment of the Department of Homeland Security; Executive Order 13286, Amendment of Executive Orders, and Other Actions, in Connection With the Transfer of Certain Functions to the Secretary of Homeland Security; Executive Order 13316, Continuation of Certain Federal Advisory Committees; Executive Order 13385, Continuation of Certain Federal Advisory Committees and Amendments to and Revocation of Other Executive Orders; and Executive Order 13652, Continuation Of Certain Federal Advisory Committees
 - (21) Executive Order 13218, 21st Century Workforce Initiative, as amended by Executive Order 13316, Continuation of Certain Federal Advisory Committees
 - (22) Executive Order 13103, Computer Software Piracy
 - (23) Executive Order 12958, Classified National Security Information E-Government, as amended by Executive Order 12958, Classified National Security Information
- (d) Office of Management and Budget (OMB) Circulars/Memoranda:
- (1) OMB Circular A-11, Preparation, Submission, and Execution of the Budget
 - (2) OMB Circular A-16, Coordination of Geographic Information, and Related Spatial Data Activities
 - (3) OMB Circular A-130, Managing Federal Information as a Strategic Resource
 - (4) OMB Memorandum M-22-09, Moving the Government Towards Zero Trust Cybersecurity Principles

- (5) OMB Memorandum M-22-05, Fiscal Year 2021-2022 Guidance on Federal Information Security and Privacy Management Requirements
- (6) OMB Memorandum M-22-01, Improving Detection of Cybersecurity Vulnerabilities and Incidents on Federal Government Systems through Endpoint Detection and Response
- (7) OMB Memorandum M-21-31, Improving the Federal Government's Investigative and Remediation Capabilities Related to Cybersecurity Incidents
- (8) OMB Memorandum 21-30, Protecting Critical Software Through Enhanced Security Measures
- (9) OMB Memorandum M-21-22, Update to Implementation of Performance Management Statutes
- (10) OMB Memorandum M-21-07 Completing the Transition to Internet Protocol Version 6 (IPv6)
- (11) OMB Memorandum M-21-06, guidance for Regulation of Artificial Intelligence Applications
- (12) OMB Memorandum M-21-05, Extension of Data Center Optimization Initiative (DCOI)
- (13) OMB Memorandum M-21-04, Modernizing Access to and Consent for Disclosure of Records Subject to the Privacy Act
- (14) OMB Memorandum M-20-32, Improving Vulnerability Identification, Management, and Remediation
- (15) OMB Memorandum M-20-29, Research and Development Budget Priorities and Cross-cutting Actions
- (16) OMB Memorandum M-20-19, Harnessing Technology to Support Mission Continuity
- (17) OMB Memorandum M-19-26, Update to the Trusted Internet Connections (TIC) Initiative
- (18) OMB Memorandum M-19-21, Transition of Electronic Records
- (19) OMB Memorandum M-19-19, Update to Data Center Optimization Initiative
- (20) OMB Memorandum M-19-18, Federal Data Strategy – A Framework for Consistency
- (21) OMB Memorandum M-19-17, Enabling Mission Delivery through Improved Identity, Credential, and Access Management
- (22) OMB Memorandum M-19-16, Centralized Mission Support Capabilities for the Federal Government
- (23) OMB Memorandum M-19-10, Guidance for Achieving Interoperability with the National Freedom of Information Act (FOIA) Portal on FOIA.gov
- (24) OMB Memorandum M-19-03, Strengthening the Cybersecurity of Federal Agencies by enhancing the High Value Asset Program
- (25) OMB Memorandum M-18-12, Implementation of the Modernizing Government Technology Act

- (26) OMB Memorandum M-17-12, Preparing for and Responding to a Breach of Personally Identifiable Information
- (27) OMB Memorandum M-17-06, Policies for Federal Agency Public Websites and Digital Services
- (28) OMB Memorandum M-17-04, Additional Guidance for Data Act Implementation: Further Requirements for Reporting and Assuring Data Reliability
- (29) OMB Memorandum M-16-21, Federal Source Code Policy: Achieving Efficiency, Transparency, and Innovation through Reusable and Open Source Software
- (30) OMB Memorandum M-16-20, Category Management Policy 16-3: Improving the Acquisition and Management of Common Information Technology: Mobile Devices and Services
- (31) OMB Memorandum M-16-17, OMB Circular No. A-123, Management's Responsibility for Enterprise Risk Management and Internal Control
- (32) OMB Memorandum M-16-16, 2016 Agency Open Government Plans
- (33) OMB Memorandum M-16-15, Federal Cybersecurity Workforce Strategy
- (34) OMB Memorandum M-16-14, Category Management Policy 16-2: Providing Comprehensive Identity Protection Services, Identity Monitoring, and Data Breach Response
- (35) OMB Memorandum M-16-12, Category Management Policy 16-1: Improving the Acquisition and Management of Common Information Technology: Software Licensing
- (36) OMB Memorandum M-16-04, Cybersecurity Strategy and Implementation Plan (CSIP) for the Federal Civilian Government
- (37) OMB Memorandum M-16-02, Category Management Policy 15-1: Improving the Acquisition and Management of Common Information Technology: Laptops and Desktops
- (38) OMB Memorandum M-15-14, Management and Oversight of Federal Information Technology
- (39) OMB Memorandum M-15-13, Policy to Require Secure Connections across Federal Websites and Web Services
- (40) OMB Memorandum M-15-12, Increasing Transparency of Federal Spending by Making Federal Spending Data Accessible, Searchable, and Reliable
- (41) OMB Memorandum M-13-13, Open Data Policy – Managing Information as an Asset
- (42) OMB Memorandum M-13-10, Antideficiency Act Implications of Certain Online Terms of Service Agreements
- (43) OMB Memorandum M-12-21, Addendum to OMB Memorandum M-98-13 on Federal Use of Energy Savings Performance Contracts (ESPCs) and Utility Energy Service Contracts (UESCs)
- (44) OMB Memorandum M-12-10, Implementing PortfolioStat

- (45) OMB Memorandum M-11-03, Issuance of OMB Circular A-16 Supplemental Guidance
- (46) OMB Memorandum M-10-27, Information Technology Investment Baseline Management Policy
- (47) OMB Memorandum M-10-26, Immediate Review of Financial Systems IT Projects
- (48) OMB Memorandum M-10-23, Guidance for Agency Use of Third-Party Websites and Applications
- (49) OMB Memorandum M-10-22, Guidance for Online Use of Web Measurement and Customization Technologies
- (50) OMB Memorandum M-10-10, Federal Agency Coordination on Health Information Technology (HIT)
- (51) OMB Memorandum M-10-06, Open Government Directive
- (52) OMB Memorandum M-08-15, Tools Available for Implementing Electronic Records Management
- (53) OMB Memorandum M-07-13, Implementation of the OMB Bulletin on Good Guidance Practices and Executive Order 13422 (amending Executive Order 12866)
- (54) OMB Memorandum M-05-24, Implementation of Homeland Security Presidential Directive (HSPD) 12 – Policy for a Common Identification Standard for Federal Employees and Contractors
- (55) OMB Memorandum M-05-23, Improving Information Technology (IT) Project Planning and Execution
- (56) OMB Memorandum M-05-22, Transition Planning for Internet Protocol Version 6 (IPv6)
- (57) OMB Memorandum M-04-24, Expanded Electronic Government (E-Gov) President's Management Agenda (PMA) Scorecard Cost, Schedule and Performance Standard for Success
- (58) OMB Memorandum M-04-19, Information Technology (IT) Project Manager (PM) Qualification Guidance
- (59) OMB Memorandum M-04-16, Software Acquisition
- (60) OMB Memorandum M-04-15, Development of Homeland Security Presidential Directive (HSPD) – 7 Critical Infrastructure Protection Plans to Protect Federal Critical Infrastructures and Key Resources
- (61) OMB Memorandum M-04-08, Maximizing Use of SmartBuy and Avoiding Duplication of Agency Activities with the President's 24 E-Gov Initiatives
- (62) OMB Memorandum M-04-04, E-Authentication Guidance
- (63) OMB Memorandum M-03-22, OMB Guidance for Implementing the Privacy Provisions of the E-Government Act of 2002

- (64) OMB Memorandum M-03-18, Implementation Guidance for the E-Government Act of 2002
- (65) OMB Memorandum M-03-17, Program Assessment Rating Tool (PART) Update
- (66) OMB Memorandum M-03-04, Determination Orders Organizing the Department of Homeland Security
- (67) OMB Memorandum M-02-15, Revision of OMB Circular A-16
- (68) OMB FedRAMP Memorandum, Security Authorization of Information Systems in Cloud Computing Environments
- (69) OMB Memorandum M-02-09, Reporting Instructions for the Government Information Security Reform Act and Updated Guidance on Security Plans of Action and Milestones
- (70) OMB Memorandum M-02-01, Guidance for Preparing and Submitting Security Plans of Action and Milestones
- (71) OMB Memorandum M-01-05, Guidance on Inter-Agency Sharing of Personal Data – Protecting Personal Privacy
- (72) OMB Memorandum M-00-15, Guidance on Implementation of the Electronic Signatures in Global and National Commerce Act (E-SIGN)
- (73) OMB Memorandum M-00-10, OMB Procedures and Guidance on Implementing the Government Paperwork Elimination Act
- (74) OMB Memorandum M-00-07, Incorporating and Funding Security in Information Systems Investments
- (75) OMB Memorandum M-99-18, Privacy Policies on Federal Web Sites
- (76) OMB Memorandum M-99-05, Instructions on Complying with President’s Memorandum of May 14, 1998, “Privacy and Personal Information in Federal Records”
- (77) OMB Memorandum M-98-13, Federal Use of Energy Savings Performance Contracting
- (78) OMB Memorandum M-98-09, Updated Guidance on Developing a Handbook for Individuals Seeking Access of Public Information
- (79) OMB Memorandum M-98-04, Annual Performance Plans Required by the Government Performance and Results Act (GPRA)
- (80) OMB Memorandum M-97-09, Interagency Support for Information Technology
- (81) OMB Memorandum M-97-07, Multiagency Contracts Under the Information Technology Management Reform Act of 1996
- (82) OMB Memorandum M-97-02, Funding Information Systems Investments
- (83) OMB Memorandum M-96-20, Implementation of the Information Technology Management Reform Act of 1996
- (e) Department of Homeland Security (DHS) Cybersecurity and Infrastructure Security Agency (CISA) Emergency and Binding Operational Directives

- (1) DHS CISA ED 22-03, Mitigate VMWare Vulnerabilities
 - (2) DHS CISA ED 22-02, Mitigate Apache Log4J Vulnerability
 - (3) DHS CISA ED 21-04, Mitigate Windows Print Spooler Service Vulnerability
 - (4) DHS CISA ED 21-03, Mitigate Pulse Connect Secure Product Vulnerabilities
 - (5) DHS CISA ED 21-02, Mitigate Microsoft Exchange On-Premises Product Vulnerabilities
 - (6) DHS CISA ED 21-01, Mitigate SolarWinds Orion Code Compromise
 - (7) DHS CISA ED 20-04, Mitigate Netlogon Elevation of Privilege Vulnerability from August 2020 Patch Tuesday
 - (8) DHS CISA ED 20-03, Mitigate Windows DNS Server Vulnerability from July 2020 Patch Tuesday
 - (9) DHS CISA ED 20-02, Mitigate Windows Vulnerabilities from January 2020 Patch Tuesday
 - (10) DHS CISA ED 19-01, Mitigate DNS Infrastructure Tampering
 - (11) DHS CISA BOD 22-01, Reducing the Significant Risk of Known Exploited Vulnerabilities
 - (12) DHS CISA BOD 20-01, Develop and Publish a Vulnerability Disclosure Policy
 - (13) DHS CISA BOD 19-02, Vulnerability Remediation Requirements for Internet Accessible Systems
 - (14) DHS CISA BOD 18-02, Securing High Value Assets
 - (15) DHS CISA BOD 18-01, Enhance Email and Web Security
 - (16) DHS CISA BOD 17-01, Removal of Kaspersky branded Products
 - (17) DHS CISA BOD 16-03, 2016 Agency Cybersecurity Reporting Requirements
 - (18) DHS CISA BOD 16-02, Threat to Network Infrastructure Devices
- (f) Secretarial Memoranda
- (1) EXEC-2019-003477, Release of DOE Order 205.1C, Department of Energy Cybersecurity Program
 - (2) EXEC-2018-004906, Integrated Joint Cybersecurity Coordination Center
 - (3) EXEC-2018-001779, Data Center Optimization Initiative (DCOI) Inventory
 - (4) EXEC-2016-003721, Information Technology Management Reforms
 - (5) EXEC-2016-007461, DOE Cyber Data Sharing Implementation Requirements
- (g) Office of Environmental Management (EM) Requirements
- (1) DOE Enterprise Cybersecurity Program Plan v1.1

(2) EM Cybersecurity Program Plan

H.70 Regional Purchasing Program

The Contract work scope will have an impact on the local economies, to include the Southern Ohio Four County (SOFC) area (which includes Pike, Jackson, Ross, and Scioto Counties) and the Western Kentucky (WK) area (defined to be McCracken, Ballard, Graves, and Marshall Counties in Kentucky, and Massac County in Illinois).

For future subcontracting opportunities (including renewal of existing subcontracts), the Contractor shall review the scopes of work to determine how best to meet mission requirements, while taking the local economy and the local business communities into consideration. The following principles and practices are geared toward supplier development by helping build the capability, competency, and capacity of the local business communities to enable them to provide competitive goods and services to the Contractor and improve their ability to serve other customers locally, regionally, and nationally. These principles and practices will be implemented by incorporation into the acquisition policies and procedures (i.e. Acquisition Procedures), as appropriate.

- (a) Business alliances. The Contractor shall conduct business alliances with regional vendors. These alliances may include training and mentoring programs to enable regional vendors to compete effectively for subcontracts and purchase orders and/or assistance with the development of business systems (accounting, budget, payroll, property, etc.), to enable regional vendors to meet the audit and reporting requirements of the Contractor and DOE. These alliances may also serve to encourage the formation of regional trade associations, which will better enable regional businesses to satisfy the Contractor's needs.

The Contractor may coordinate and cooperate with the Chambers of Commerce, Small Business Development Centers, and like organizations, and make prospective regional vendors aware of any assistance that may be available from these entities. DOE encourages the use of regional vendors in fulfilling Contract requirements.

- (b) SOFC and WK purchasing preferences. The Contractor will maximize procurement opportunities for SOFC (defined as Pike, Jackson, Ross, and Scioto Counties) and WK (defined as McCracken, Ballard, Graves, and Marshall Counties in Kentucky, and Massac County in Illinois) businesses whenever possible.

SOFC and WK are businesses that are actively engaged in doing business, have an operative business location, and uses labor from SOFC and WK. To meet these requirements, a business must be able to demonstrate, if and when requested, through submission of gross receipts tax and unemployment compensation tax forms or otherwise, that for the calendar year preceding the submission of its bid/offer:

- (1) it has been properly authorized to do business and has been operating in SOFC or WK with a staff of three or more full time equivalent employees (of which 51% must reside in SOFC or WK), and that it currently has a facility in SOFC or WK that can support the business activity contemplated by the Statement of Work / Scope of Work; or
- (2) it has historically operated in SOFC or WK with two or less full time equivalent employees who reside in SOFC or WK, it is independently owned (i.e., its owner(s) exercise(s) close control over operations and decisions which are not subject to control or the power to control by others), its majority ownership interest is held by residents of SOFC or WK, it has been properly authorized to do business in SOFC or Paducah Area Community Reuse

Organization (PACRO) and it currently has a facility in SOFC or WK that can support the business activity contemplated by the Statement of Work / Scope of Work.

In accordance with its Small Business Subcontracting Plan, the Contractor shall give preference to SOFC and WK small businesses for competitive acquisitions by adding a 5% adjustment factor to the total evaluated price of those qualified suppliers whose businesses do not meet the definition of a SOFC or WK small business concern. This pricing preference will be flowed down via subcontract clauses in subcontracts and purchase orders with a value of \$5 million or greater. Subcontractors and suppliers with such subcontracts and purchase orders will be required to report achievements on a semi-annual basis to their Contractor Procurement Specialist.

- (c) Assistance. The Contractor shall make prospective regional suppliers aware of sponsored supplier forums aimed at focused training on proposed EM requirements, forecasted opportunities, and how best to prepare themselves to compete on procurements.
- (d) Measuring Program Success. Program success will ultimately be measured by regional economic indicators, including the number of companies positively impacted via the pricing preference, new services acquired via subcontract as opposed to performed in-house, customer/stakeholder surveys and other program impacts that bring about economic diversification. The Contractor will measure the following:
 - (1) number of times a SOFC or WK small business is solicited,
 - (2) number of times a SOFC or WK small business responds to a solicitation,
 - (3) the number of times a SOFC or WK small business is solicited, responds and is successful based on the pricing preference, and
 - (4) the number of times a SOFC or WK small business is solicited, is responsive and awarded a purchase order/subcontract without the pricing preference playing a factor.

Costs (direct or indirect) incurred by the Contractor in performing these activities are allowable and reimbursable, to the extent authorized under this Contract.

H.71 Performance Commitments

The DUF6 processing rate commitments proposed by the Contractor have been incorporated as contract performance requirements in the table below as they relate to the basic contract period and the option periods, if exercised. These commitments are a part of the performance criteria for earning award fee as determined by the Performance Evaluation and Measurement Plan (PEMP).

Performance Period	Portsmouth Annual Conversion Rate by Year (Number of Cylinders)	Paducah Annual Conversion Rate by Year (Number of Cylinders)
Base Period		
Year 1	598	739
Year 2	773	834
Year 3	867	946
Year 4	958	1,052
Year 5	931	1,179
Total	4,127	4,750

Option Period 1		
Year 1	1,050	1,320
Year 2	1,166	1,445
Year 3	1,177	1,596
Total	3,393	4,361
Option Period 2		
Year 1	1,184	1,605
Year 2	1,198	1,610
Total	2,382	3,215

H.72 PPPO Site Services and Interface Requirements Matrix

- (a) Controls. When services between PPPO prime contractors are executed, DOE does not expect the requesting prime contractor to review or otherwise validate top-level cross-cutting quality control, health, safety and/or environmental protection requirements mandated by the performing contractor's contract. The requesting prime contractor may assume that such contract requirements, are acceptable to DOE. The performing contractor shall provide products or services in a manner that is consistent with the requirements of the performing prime contractor's contract and the task instructions provided by the requesting contractor. Special conditions required to meet the requesting contractor's requirements shall be documented through interface documents such as Memorandums of Agreement, Functional Service Agreements, Service Level Agreements, or Interface Control Documents.
- (b) Right of Access. PPPO contractors shall, with coordination and adequate preparation, allow service-providing contractors access to facilities to perform the service.
- (c) Nuclear Safety. The Contractor shall establish a protocol with each PPPO Site prime contractor identified in **Section J, Attachment J-5, PPPO Site Services and Interface Requirements Matrix**. This protocol shall establish the basis to perform contract work scope within a nuclear facility or perform work scope that affects the safety basis of a nuclear facility that is operated by the PPPO contractor who has responsibility for the nuclear facility.
 - (1) The protocol shall:
 - (i) Describe the general scope of work to be performed, flow down of nuclear safety requirements, and implementing processes and procedures prior to performing the work; and
 - (ii) Be signed by the performing Contractor and concurred with by the other affected contractor.
 - (2) The service-providing Contractor shall:
 - (i) Comply with all facility safety authorization basis and nuclear safety requirements that are established by the PPPO contractor responsible for the nuclear facility; and
 - (ii) Flow down to each subcontractor (in accordance with I.221, DEAR 970.5223-1, *Integration of Environment, Safety and Health* in to Work Planning and Execution), the protocol to comply with all facility safety authorization basis and nuclear safety requirements that are established by the contractor responsible for the nuclear facility.

- (d) Payment for Services: If Contractors entering into services agreement, Contractors shall pay for services from other site contractors in accordance with approved financial accounting systems and notify their DOE CO.
- (e) Responsibility for Delivery of Service. The Government makes no guarantees or warranties regarding the delivery of services, and services between contractors shall not constitute GFS&I. The Government shall not be held responsible for the delivery or non-delivery of services between PPPO contractors. Contractors shall attempt to resolve any disputes regarding service interfaces and the provision of services among themselves. If contractors are unable to achieve a timely resolution of issues between themselves regarding interfaces or the appropriate delivery of services, contractors may seek direction from the DOE CO. DOE shall be the exclusive authority for resolving disputes associated with any interface issues that cannot be resolved between parties in a timely manner. To the extent contractors attempt to litigate disputes between themselves regarding interfaces or the appropriate delivery of services, all costs associated with such litigation shall be unallowable under this Contract.
- (f) OSMS Contractor services provided such as protective force, utilities, and emergency management and response are not commercial services. Likewise, services provided by other site contractors, including the ISS Contractor are not commercial services. Unless specified otherwise by the CO, all services (see Section J, Attachment J-5) including all Information Technology and Management Services, are unique to PPPO, and are not “commercial services” as defined by FAR 2.101. The Contractor shall not perform or arrange for the performance of these services by means of any process reserved for the acquisition of commercial services without first receiving written approval from the DOE CO expressly stating that a particular service to be acquired meets the FAR 2.101 definition of a “commercial service.”

H.73 DOE-H-2089 Compliance With Federal Anti-Discrimination Laws (APR 2025)

a) Definition. As used in this clause—

Program promoting diversity, equity, and inclusion means a program whose purpose is to promote preferences based on race, color, religion, sex, or national origins, such as in training or hiring.

(b) Compliance. The Contractor shall comply with all applicable Federal anti-discrimination laws. These laws apply whether or not the company is a Government contractor. Compliance with applicable Federal anti-discrimination laws is material to eligibility for and payment under this contract for purposes of 31 U.S.C. 3729(b)(4).

(c) Certification. By requesting payment under this award, the contractor certifies that, to the best of its knowledge and belief, it does not operate programs promoting diversity, equity, and inclusion that violate any applicable Federal anti-discrimination laws.

PART II – CONTRACT CLAUSES

SECTION I

CONTRACT CLAUSES

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I.1 FAR 52.252-2 Clauses Incorporated By Reference (Feb 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer (CO) will make their full text available. Also, the full text of a clause may be accessed electronically at these addresses:

<https://www.acquisition.gov/far>

<http://energy.gov/management/downloads/searchable-electronic-department-energy-acquisition-regulation>

I.2 FAR 52.252-6 Authorized Deviations in Clauses (Nov 2020)

- a. The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of “(DEVIATION)” after the date of the clause.
- b. The use in this solicitation or contract of any Department of Energy Acquisition Regulation (48 CFR Chapter 9) clause with an authorized deviation is indicated by the addition of “(DEVIATION)” after the name of the regulation.

Table I-1. Clauses

Clause No.	FAR/DEAR Reference	Title	Fill-In Information: See FAR 52.104(d)
I.3	52.202-1	Definitions (Jun 2020)	
I.4	52.203-3	Gratuities (Apr 1984)	
I.5	52.203-5	Covenant Against Contingent Fees (May 2014)	
I.6	52.203-6	Restrictions on Subcontractor Sales to the Government (Jun 2020)	
I.7	52.203-7	Anti-Kickback Procedures (Jun 2020)	
I.8	52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity (May 2014)	
I.9	52.203-10	Price or Fee Adjustment for Illegal or Improper Activity (May 2014)	
I.10	52.203-12	Limitation on Payments to Influence Certain Federal Transactions (Jun 2020)	
I.11	52.203-13	Contractor Code of Business Ethics and Conduct (Nov 2021)	
I.12	52.203-14	Display of Hotline Poster(s) (Nov 2021)	(b)(3) DOE Office of Inspector General Hotline Poster
I.13	52.203-17	Contractor Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Jun 2020)	
I.14	52.203-19	Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (Jan 2017)	
I.15	52.204-4	Printed or Copied Double-Sided on Postconsumer Fiber Content Paper (May 2011)	
I.16	52.204-9	Personal Identity Verification of Contractor Personnel (Jan 2011)	
I.17	52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards (Jun 2020)	
I.18	52.204-13	System for Award Management Maintenance (Oct 2018)	
I.19	52.204-14	Service Contract Reporting Requirements (Oct 2016)	
I.20	52.204-15	Service Contract Reporting Requirements for Indefinite-Delivery Contracts (Oct 2016)	

Table I-1. Clauses

Clause No.	FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
I.21	52.204-18	Commercial and Government Entity Code Maintenance (Aug 2020)	
I.22	52.204-19	Incorporation by Reference of Representations and Certifications (Dec 2014)	
I.23	52.204-21 Full Text Below	Basic Safeguarding of Covered Contractor Information Systems (Nov 2021)	
I.24	52.204-23	Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (Nov 2021)	
I.25	52.204-25	Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment (Nov 2021)	
I.26	52.209-6	Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, Or Proposed for Debarment (Nov 2021)	
I.27	52.209-9	Updates of Publicly Available Information Regarding Responsibility Matters (Oct 2018)	
I.28	52.209-10	Prohibition on Contracting With Inverted Domestic Corporations (Nov 2015)	
I.29	52.210-1	Market Research (Nov 2021)	
I.30	52.215-2	Audit and Records—Negotiation (Jun 2020)	
I.31	52.215-8	Order of Precedence—Uniform Contract Format (Oct 1997)	
I.32	52.215-10	Price Reduction for Defective Certified Cost or Pricing Data (Aug 2011)	
I.33	52.215-11	Price Reduction for Defective Certified Cost or Pricing Data — Modifications (Jun 2020)	
I.34	52.215-12	Subcontractor Certified Cost or Pricing Data (Jun 2020)	
I.35	52.215-13	Subcontractor Certified Cost or Pricing Data —Modifications (Jun 2020)	
I.36	52.215-14	Integrity of Unit Prices (Nov 2021) – Alt I (Nov 2021)	
I.37	52.215-15	Pension Adjustments and Asset Reversions (Oct 2010)	
I.38	52.215-17	Waiver of Facilities Capital Cost of Money (Oct 1997) NOTE: This clause will not be included in the contract if a wardee proposes Facilities Capital Cost of Money in its proposal.	
I.39	52.215-18	Reversion or Adjustment of Plans for Post-Retirement Benefits (PRB) Other Than Pensions (Jul 2005)	
I.40	52.215-19	Notification of Ownership Changes (Oct 1997)	
I.41	52.215-21	Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data—Modifications (Nov 2021) – Alt III (Oct 1997)	(c) Excel and PDF file types. CD-ROM or other secure digital file media, as requested by the Contracting Officer.
I.42	52.215-23	Limitations on Pass-Through Charges (Jun 2020)	

Table I-1. Clauses

Clause No.	FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
I.43	52.216-7	Allowable Cost and Payment (Aug 2018), as modified by DEAR 952.216-7 (Applies to CR CLINs and CR Task Orders issued under IDIQ CLINs only.)	(a)(3) 30th (cost invoices) and 30th (fee invoices)
I.44	52.216-8	Fixed Fee (Jun 2011) (Applies to Cost-Plus-Fixed-Fee (CPFF) Task Orders issued under IDIQ CLINs only.)	
I.45	52.216-9	Fixed Fee-Construction (Jun 2011)	
I.46	52.216-10	Incentive Fee (Jun 2011) (Applies to Cost-Plus-Incentive-Fee (CPFF) Task Orders issued under IDIQ CLINs only.)	(e)(1) 30, 30, 15, zero
I.47	52.216-11	Cost Contract-No Fee (Apr 1984) Applies to the following CLINs: CLIN 00001 - Transition CLINs 00103, 00203, and 00303 - Defined Benefit Pension Costs IDIQ CLINs - Applies to CR Task Orders without fee only.	
I.48	52.216-18 Full Text Below	Ordering (Aug 2020) (Applies to IDIQ CLINs only.)	(a) the effective date of contract award through the end of contract performance
I.49	52.216-19 Full Text Below	Order Limitations (Oct 1995) (Applies to IDIQ CLINs only.)	(a) \$10,000.00 (b)(1) \$100,000,000.00 (b)(2) \$100,000,000.00 (b)(3) 365 days (d) 5 days
I.50	52.216-22 Full Text Below	Indefinite Quantity (Oct 1995) (Applies to IDIQ CLINs only.)	(d) Ends upon contract expiration
I.51	52.217-8	Option to Extend Services (Nov 1999)	30 days of the contract expiration date
I.52	52.217-9 Full Text Below	Option to Extend the Term of the Contract (Mar 2000)	(a) 30 days of the contract expiration date; 60 (c) Ten (10) years and ten (10) months
I.53	52.219-4	Notice of Price Evaluation Preference for HUBZone Small Business Concerns (Sep 2021) <i>(Note: This clause will not be included in the resulting Contract if awarded to a small business concern.)</i>	(b) The Offeror, MCSA, is not a HUBZone small business concern and therefore waives the evaluation preference
I.54	52.219-8	Utilization of Small Business Concerns (Oct 2018)	
I.55	52.219-9	Small Business Subcontracting Plan (Nov 2021) – Alt II (Nov 2016)	

Table I-1. Clauses

Clause No.	FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
I.56	52.219-16	Liquidated Damages – Subcontracting Plan (Sep 2021) <i>(Note: This clause will not be included in the resulting Contract if awarded to a small business concern.)</i>	
I.57	52.219-28	Post-Award Small Business Program Re-representation (Sep 2021)	(h) [Contractor Fill-In post-award, as applicable]
I.58	52.222-1	Notice to the Government of Labor Disputes (Feb 1997)	
I.59	52.222-2	Payment for Overtime Premiums (Jul 1990)	(a) See Section H.14, clause entitled, <i>Overtime Control Reporting</i>
I.60	52.222-3	Convict Labor (Jun 2003)	
I.61	52.222-4	Contract Work Hours and Safety Standards—Overtime Compensation (May 2018)	
I.62	52.222-6	Construction Wage Rate Requirements (Aug 2018) (Applies to construction work only)	
I.63	52.222-7	Withholding of Funds (May 2014) (Applies to construction work only)	
I.64	52.222-8	Payrolls and Basic Records (Jul 2021) (Applies to construction work only)	
I.65	52.222-9	Apprentices and Trainees (Jul 2005) (Applies to construction work only)	
I.66	52.222-10	Compliance with Copeland Act Requirements (Feb 1988) (Applies to construction work only)	
I.67	52.222-11	Subcontracts (Labor Standards) (May 2014) (Applies to construction work only)	
I.68	52.222-12	Contract Termination—Debarment (May 2014) (Applies to construction work only)	
I.69	52.222-13	Compliance with Construction Wage Rate Requirements and Related Regulations (May 2014) (Applies to construction work only)	
I.70	52.222-14	Disputes Concerning Labor Standards (Feb 1988) (Applies to construction work only)	
I.71	52.222-15	Certification of Eligibility (May 2014) (Applies to construction work only)	
I.72	52.222-16	Approval of Wage Rates (May 2014) (Applies to CR construction work only)	
I.73	52.222-19	Child Labor – Cooperation with Authorities and Remedies (Jan 2022)	
I.74	52.222-20	Contracts for Materials, Supplies, Articles, and Equipment (Jun 2020)	
I.75	52.222-21	Prohibition of Segregated Facilities (Apr 2015)	
I.76	52.222-26	Equal Opportunity (Sep 2016)	
I.77	52.222-27	Affirmative Action Compliance Requirements for Construction (Apr 2015) (Applies to construction work only)	
I.78	52.222-30	Construction Wage Rate Requirements—Price Adjustment (None or Separately Specified Method) (Aug 2018) (Applies to construction work only)	

Table I-1. Clauses

Clause No.	FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
I.79	52.222-31	Construction Wage Rate Requirements – Price Adjustment (Percentage Method) (Aug 2018) (Applies to FFP Task Orders only under ID/IQ CLINs) (Applies to construction work only)	(b)(1) TBD on Task Order level (b)(2) TBD on Task Order level
I.80	52.222-34	Project Labor Agreement (May 2010) (Applies to construction or D&D work only) Alt 1 (May 2010)	
I.81	52.222-35 Full Text Below	Equal Opportunity for Veterans (Jun 2020)	
I.82	52.222-36 Full Text Below	Equal Opportunity for Workers With Disabilities (Jun 2020)	
I.83	52.222-37	Employment Reports on Veterans (Jun 2020)	
I.84	52.222-40	Notification of Employee Rights Under the National Labor Relations Act (Dec 2010)	
I.85	52.222-41	Service Contract Labor Standards (Aug 2018)	
I.86	52.222-42 Full Text Below	Statement of Equivalent Rates for Federal Hires (May 2014)	See full text below
I.87	52.222-43	Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (Multiple Year and Option Contracts) (Aug 2018)	
I.88	52.222-44	Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (May 2014)	
I.89	52.222-50	Combating Trafficking in Persons (Nov 2021)	
I.90	52.222-54	Employment Eligibility Verification (May 2022)	
I.91	52.222-55	Minimum Wages for Contractor Workers Under Executive Order 14026 (Jan 2022)	
I.92	52.222-62	Paid Sick Leave Under Executive Order 13706 (Jan 2022)	
I.93	52.223-2	Affirmative Procurement of Biobased Products Under Service and Construction Contracts (Sep 2013)	
I.94	52.223-3	Hazardous Material Identification and Material Safety Data (Feb 2021) – Alt I (Jul 1995)	(b)None
I.95	52.223-5	Pollution Prevention and Right-to-Know Information (May 2011)	
I.96	52.223-6	Drug-Free Workplace (May 2001)	
I.97	52.223-9 Full Text Below	Estimate of Percentage of Recovered Material Content for EPA-Designated Items (May 2008)	(b)(2) the Contracting Officer
I.98	52.223-10	Waste Reduction Program (May 2011)	
I.99	52.223-11	Ozone-Depleting Substances and High Global Warming Potential Hydrofluorocarbons (Jun 2016)	
I.100	52.223-12	Maintenance, Service, Repair, or Disposal of Refrigeration Equipment and Air Conditioners (Jun 2016)	
I.101	52.223-13	Acquisition of EPEAT® – Registered Imaging Equipment (Jun 2014)	
I.102	52.223-14	Acquisition of EPEAT® – Registered Televisions (Jun 2014)	
I.103	52.223-15	Energy Efficiency in Energy-Consuming Products (May 2020)	

Table I-1. Clauses

Clause No.	FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
I.104	52.223-16	Acquisition of EPEAT®-Registered Personal Computer Products (Oct 2015)	
I.105	52.223-17	Affirmative Procurement of EPA-designated Items in Service and Construction Contracts (Aug 2018)	
I.106	52.223-18	Encouraging Contractors Policies to Ban Text Messaging While Driving (Jun 2020)	
I.107	52.223-19	Compliance with Environmental Management Systems (May 2011)	
I.108	52.223-20	Aerosols (Jun 2016)	
I.109	52.223-21	Foams (Jun 2016)	
I.110		Reserved	
I.111	52.224-1	Privacy Act Notification (Apr 1984)	
I.112	52.224-2	Privacy Act (Apr 1984)	
I.113	52.224-3	Privacy Training (Jan 2017)	
I.114	52.225-1	Buy American – Supplies (Nov 2021)	
I.115	52.225-8	Duty-Free Entry (Oct 2010)	
I.116	52.225-9 Full Text Below	Buy American – Construction Materials (Nov 2021)	(b)(2) None
I.117	52.225-11 Full Text Below	Buy American – Construction Materials Under Trade Agreements (Nov 2021)	(b)(3) None
I.118	52.225-13	Restrictions on Certain Foreign Purchases (Feb 2021)	
I.119	52.227-3	Patent Indemnity (Apr 1984)	
I.120	52.227-4	Patent Indemnity—Construction Contracts (Dec 2007)	
I.121	52.227-9	Refund of Royalties (Apr 1984)	
I.122	52.227-16	Additional Data Requirements (Jun 1987)	
I.123	52.228-5	Insurance – Work On A Government Installation (Jan 1997) (Applies to FFP Task Orders only under ID/IQ CLINs)	
I.124	52.229-3	Federal, State, and Local Taxes (Feb 2013)	
I.125	52.230-2	Cost Accounting Standards (Jun 2020) <i>(Note: This clause will not be included in the resulting Contract if awarded to a small business concern.)</i>	
I.126	52.230-6	Administration of Cost Accounting Standards (Jun 2010)	
I.127	52.232-1	Payments (Apr 1984)	
I.128	52.232-5	Payments under Fixed-Price Construction Contracts (May 2014) (applies to FP construction Task Orders issued under IDIQ CLINs only)	
I.129	52.232-8	Discounts for Prompt Payment (Feb 2002)	
I.130	52.232-9	Limitation on Withholding of Payments (Apr 1984)	
I.131	52.232-11	Extras (Apr 1984)	
I.132	52.232-17	Interest (May 2014)	
I.133	52.232-18	Availability of Funds (Apr 1984)	
I.134	52.232-22	Limitation of Funds (Apr 1984)	
I.135	52.232-23	Assignment of Claims (May 2014)	

Table I-1. Clauses

Clause No.	FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
I.136	52.232-25	Prompt Payment (Jan 2017) – Alt I (Feb 2002) (Alternate I applies to CR CLINs and CR Task Orders issued under IDIQ CLINs only.)	
I.137	52.232-27	Prompt Payment for Construction Contracts (Jan 2017) (Applies to construction work only)	
I.138	52.232-33	Payment by Electronic Funds Transfer—System for Award Management (Oct 2018)	
I.139	52.232-39	Unenforceability of Unauthorized Obligations (Jun 2013)	
I.140	52.232-40	Providing Accelerated Payments to Small Business Subcontractors (Nov 2021)	
I.141	52.233-1	Disputes (May 2014) – Alt I (Dec 1991)	
I.142	52.233-3	Protest after Award (Aug 1996) – Alt I (Jun 1985)	
I.143	52.233-4	Applicable Law for Breach of Contract Claim (Oct 2004)	
I.144	52.236-1	Performance of Work by the Contractor (Apr 1984) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.145	52.236-2	Differing Site Conditions (Apr 1984) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.146	52.236-3	Site Investigation and Conditions Affecting the Work (Apr 1984) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.147	52.236-4 Full Text Below	Physical Data (Apr 1984) (Applies to fixed-price construction Task Orders only under IDIQ CLINs)	
I.148	52.236-5	Material and Workmanship (Apr 1984) (applies to construction work only)	
I.149	52.236-6	Superintendence by the Contractor (Apr 1984) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.150	52.236-7	Permits and Responsibilities (Nov 1991) (Applies to construction work only.)	
I.151	52.236-8	Other Contracts (Apr 1984) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.152	52.236-9	Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements (Apr 1984) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.153	52.236-10	Operations and Storage Areas (Apr 1984) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.154	52.236-11	Use and Possession Prior to Completion (Apr 1984) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.155	52.236-12	Cleaning Up (Apr 1984) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.156	52.236-13	Accident Prevention (Nov 1991) (Alternate 1) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.157	52.236-14	Availability and Use of Utility Services (Apr 1984) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.158	52.236-15 Full Text Below	Schedules for Construction Contracts (Apr 1984) (Applies to FFP construction Task Orders only under IDIQ CLINs)	(a) five (5) days
I.159	52.236-18	Work Oversight in Cost-Reimbursement Construction Contracts (Apr 1984) (Applies to CR construction work only.)	

Table I-1. Clauses

Clause No.	FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
I.160	52.236-19	Organization and Direction of the Work (Apr 1984) (Applies to CR construction work only)	
I.161	52.236-21	Specifications and Drawings for Construction (Feb 1997) (Applies to FFP construction Task Orders only under IDIQ CLINs)	
I.162	52.237-2	Protection of Government Buildings, Equipment, and Vegetation (Apr 1984) (Applies to CR construction work only)	
I.163	52.237-3	Continuity of Services (Jan 1991)	
I.164	52.239-1	Privacy or Security Safeguards (Aug 1996)	
I.165	52.242-1	Notice of Intent to Disallow Costs (Apr 1984)	
I.166	52.242-3	Penalties for Unallowable Costs (Sep 2021)	
I.167	52.242-4	Certification of Final Indirect Costs (Jan 1997)	
I.168	52.242-5	Payments to Small Business Subcontractors (Jan 2017)	
I.169	52.242-13	Bankruptcy (Jul 1995)	
I.170	52.243-1	Changes – Fixed Price (Aug 1987) – Alt I (Apr 1984) and Alt II (Apr 1984) (Applies to fixed price task orders under IDIQ CLINs only.)	
I.171	52.243-2	Changes – Cost-Reimbursement (Aug 1987) – Alt I (Apr 1984), Alt II (Apr 1984), and Alt III (Apr 1984)	
I.172	52.243-4	Changes (Jun 2007) (Applies to FFP construction work only.)	
I.173	52.243-6	Change Order Accounting (Apr 1984)	
I.174	52.244-2	Subcontracts (Jun 2020) – Alt I (Jun 2020) (Alternate I applies to CR CLINs and CR Task Orders issued under IDIQ CLINs only.)	(d) The DOE Contracting Officer will issue within 30 days from Notice to Proceed a letter to the Contractor setting thresholds for consent to subcontract for all subcontract types; (j) none.
I.175	52.244-5	Competition in Subcontracting (Dec 1996)	
I.176	52.244-6	Subcontracts for Commercial Products and Commercial Services (Jan 2022)	
I.177	52.245-1	Government Property (Sep 2021)	
I.178	52.245-9	Use and Charges (Apr 2012)	
I.179	52.246-25	Limitation of Liability—Services (Feb 1997)	
I.180	52.246-26	Reporting Nonconforming Items (Nov 2021)	
I.181	52.247-1	Commercial Bill of Lading Notations (Feb 2006)	(a) Department of Energy (b) Department of Energy Contract No. 89303325DEM000122; the Contract Administration Office specified in Section C
I.182	52.247-63	Preference for U.S.-Flag Air Carriers (June 2003)	
I.183	52.247-64	Preference for Privately Owned U.S.-Flag Commercial Vessels (Nov 2021)	

Table I-1. Clauses

Clause No.	FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
I.184	52.247-67 Full Text Below	Submission of Transportation Documents for Audit (Feb 2006)	
I.185	52.247-68	Report of Shipment (REPSHIP) (Feb 2006)	
I.186	52.248-1	Value Engineering (June 2020)	
I.187	52.249-2	Termination for the Convenience of the Government (Fixed-Price) (Apr 2012) (Applies to FFP Task Orders only under the ID/IQ CLINs)	
I.188	52.249-6	Termination (Cost-Reimbursement) (May 2004) – Alt I (Sep 1996)	
I.189	52.249-8	Default (Fixed-Price Supply and Service) (Apr 1984) (Applies to FFP Task Orders only under the ID/IQ CLINs)	
I.190	52.249-10	Default (Fixed-Price Construction (Apr 1984) Alt I (Apr 1984) (Applies to FFP Task Orders only under the ID/IQ CLINs)	
I.191	52.249-14	Excusable Delays (Apr 1984)	
I.192	52.251-1	Government Supply Sources (Apr 2012)	
I.193	52.251-2	Interagency Fleet Management System Vehicles and Related Services (Jan 1991)	
I.194	52.253-1	Computer Generated Forms (Jan 1991)	
I.195	952.202-1	Definitions (Feb 2011)	
I.196	952.203-70	Whistleblower Protection for Contractor Employees (Dec 2000)	
I.197	952.204-2	Security Requirements (Aug 2016)	
I.198	952.204-70	Classification/Declassification (Sep 1997)	
I.199	952.204-75	Public Affairs (Dec 2000)	
I.200	952.204-77	Computer Security (Aug 2006)	
I.201	952.208-7	Tagging of Leased Vehicles (Apr 1984)	
I.202	952.208-70	Printing (Apr 1984)	
I.203	952.209-72	Organizational Conflicts of Interest (Aug 2009) – Alt I (Feb 2011)	(b)(1)(i) zero (0)
I.204	952.215-70	Key Personnel (Dec 2000)	
I.205	952.216-7	Allowable Cost and Payment (Feb 2011)	
I.206	952.217-70	Acquisition of Real Property (Mar 2011)	
I.207	952.223-75	Preservation of Individual Occupational Radiation Exposure Records (Apr 1984)	
I.208	952.223-78	Sustainable Acquisition Program (Oct 2010) Alt I (Oct 2010)	
I.209	952.225-71	Compliance with Export Control Laws and Regulations (Nov 2015)	
I.210	952.226-74	Displaced Employee Hiring Preference (Jun 1997)	
I.211	952.227-82	Rights to Proposal Data (Apr 1984)	all pages; 4/17/24
I.212	952.231-71	Insurance-Litigation and Claims (Jul 2013)	
I.213	952.242-70	Technical Direction (Dec 2000)	
I.214	952.245-5	Government Property (Cost-Reimbursement, Time-and-Material, or Labor-Hour Contracts) (Dec 2012)	
I.215	952.247-70	Foreign Travel (Jun 2010)	
I.216	952.250-70	Nuclear Hazards Indemnity Agreement (Aug 2016)	
I.217	952.251-70	Contractor Employee Travel Discounts (Aug 2009)	
I.218	970.5204-1	Counterintelligence (Dec 2010)	

Table I-1. Clauses

Clause No.	FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
I.219	970.5204-3 Full Text Below	Access To and Ownership of Records (Oct 2014) (DEVIATION) (Issued by DOE Policy Flash 2015-23)	
I.220	970.5215-3	Conditional Payment of Fee, Profit, and Other Incentives – Facility Management Contracts (Aug 2009) – Alt II (Aug 2009) Note: For the clause referenced in paragraph (a)(4), see Section B clause entitled, <i>Conditional Payment of Fee - DOE Performance Criteria/Requirements</i>	
I.221	970.5223-1	Integration of Environment, Safety, and Health into Work Planning (Dec 2000)	
I.222	970.5226-2	Workforce Restructuring Under Section 3161 of the National Defense Authorization Act for Fiscal Year 1993 (Dec 2000)	
I.223	970.5227-1	Rights in Data – Facilities (Dec 2000)	Contract No. 89303325DEM000122
I.224	970.5227-4	Authorization and Consent (Aug 2002)	
I.225	970.5227-5	Notice and Assistance Regarding Patent and Copyright Infringement (Dec 2000)	
I.226	970.5227-7	Royalty Information (Dec 2000)	
I.227	970.5227-8	Refund of Royalties (Aug 2002)	
I.228	970.5227-9	Notice of Right to Request Patent Waiver (Dec 2000)	
I.229	970.5227-10	Patent Rights - Management and Operating Contracts, Nonprofit Organization or Small Business Firm Contractor (Dec 2000)	
I.230	970.5227-11	Patent Rights - Management and Operating Contracts, For-Profit Contractor, Non-Technology Transfer (Dec 2000)	

Acronyms:

CPIF = cost plus incentive fee

CR = cost reimbursement

D&D = decontamination and decommissioning

DEAR = U.S. Department of Energy Acquisition Regulation

DOE = U.S. Department of Energy

EPA = U.S. Environmental Protection Agency

FAR = Federal Acquisition Regulation

FFP = firm fixed price

HUBZone = Historically Underutilized Business Zone

PRB = post-retirement benefit

TBD = to be determined

This contract incorporates one or more clauses, by reference, as indicated in the matrix above.

Any clauses that are included in full text are listed below and include the same Section I identifier in parentheses as was used above.

I.23 FAR 52.204-21 Basic Safeguarding of Covered Contractor Information Systems (Nov 2021)

(a) Definitions. As used in this clause–

“Covered contractor information system” means an information system that is owned or operated by a contractor that processes, stores, or transmits Federal contract information.

“Federal contract information” means information, not intended for public release, that is provided by or generated for the Government under a contract to develop or deliver a product or service to the Government, but not including information provided by the Government to the public (such as on public websites) or simple transactional information, such as necessary to process payments.

“Information” means any communication or representation of knowledge such as facts, data, or opinions, in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual (Committee on National Security Systems Instruction (CNSSI) 4009).

“Information system” means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information (44 U.S.C. 3502).

“Safeguarding” means measures or controls that are prescribed to protect information systems.

(b) Safeguarding requirements and procedures.

(1) The Contractor shall apply the following basic safeguarding requirements and procedures to protect covered contractor information systems. Requirements and procedures for basic safeguarding of covered contractor information systems shall include, at a minimum, the following security controls:

(i) Limit information system access to authorized users, processes acting on behalf of authorized users, or devices (including other information systems).

(ii) Limit information system access to the types of transactions and functions that authorized users are permitted to execute.

(iii) Verify and control/limit connections to and use of external information systems.

(iv) Control information posted or processed on publicly accessible information systems.

(v) Identify information system users, processes acting on behalf of users, or devices.

(vi) Authenticate (or verify) the identities of those users, processes, or devices, as a prerequisite to allowing access to organizational information systems.

(vii) Sanitize or destroy information system media containing Federal Contract Information before disposal or release for reuse.

(viii) Limit physical access to organizational information systems, equipment, and the respective operating environments to authorized individuals.

(ix) Escort visitors and monitor visitor activity; maintain audit logs of physical access; and control and manage physical access devices.

(x) Monitor, control, and protect organizational communications (i.e., information transmitted or received by organizational information systems) at the external boundaries and key internal boundaries of the information systems.

(xi) Implement sub-networks for publicly accessible system components that are physically or logically separated from internal networks.

(xii) Identify, report, and correct information and information system flaws in a timely manner.

(xiii) Provide protection from malicious code at appropriate locations within organizational information systems.

(xiv) Update malicious code protection mechanisms when new releases are available.

(xv) Perform periodic scans of the information system and real-time scans of files from external sources as files are downloaded, opened, or executed.

(2) Other requirements. This clause does not relieve the Contractor of any other specific safeguarding requirements specified by Federal agencies and departments relating to covered contractor information systems generally or other Federal safeguarding requirements for controlled unclassified information (CUI) as established by Executive Order 13556.

(c) Subcontracts. The Contractor shall include the substance of this clause, including this paragraph (c), in subcontracts under this contract (including subcontracts for the acquisition of commercial products or commercial services, other than commercially available off-the-shelf items), in which the subcontractor may have Federal contract information residing in or transiting through its information system.

I.48 FAR 52.216-18 Ordering (Aug 2020)

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from effective date of contract award through the end of contract performance.

(1) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(2) A delivery order or task order is considered “issued” when—

i) If sent by mail (includes transmittal by U.S. mail or private delivery service), the Government deposits the order in the mail;

(ii) If sent by fax, the Government transmits the order to the Contractor's fax number;
or

(iii) If sent electronically, the Government either—

(A) Posts a copy of the delivery order or task order to a Government document access system, and notice is sent to the Contractor; or

(B) Distributes the delivery order or task order via email to the Contractor's email address.

(b) Orders may be issued by methods other than those enumerated in this clause only if authorized in the contract.

I.49 FAR 52.216-19 Order Limitations (Oct 1995)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than \$10,000.00 the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor:

(1) Any order for a single item in excess of \$100M;

(2) Any order for a combination of items in excess of \$100M; or

(3) A series of orders from the same ordering office within 365 days that together call for quantities exceeding the limitation in subparagraph (b)(1) or (2) of this section.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one

requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) of this section.

(d) Notwithstanding paragraphs (b) and (c) of this section, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 5 days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

I.50 FAR 52.216-22 Indefinite Quantity (Oct 1995)

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum." The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum."

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) Any order issued during the effective period of this contract shall be completed by the Contractor within the time specified in the order before the expiration date of the contract period. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract beyond the expiration date of the contract period.

I.52 FAR 52.217-9 Option to Extend the Term of the Contract (Mar 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within 30 days of the contract expiration date; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed ten (10) years and ten (10) months.

I.81 FAR 52.222-35 Equal Opportunity for Veterans (Jun 2020)

(a) Definitions. As used in this clause--

“Active duty wartime or campaign badge veteran,” “Armed Forces service medal veteran,” “disabled veteran,” “protected veteran,” “qualified disabled veteran,” and “recently separated veteran” have the meanings given at FAR 22.1301.

(b) Equal opportunity clause. The Contractor shall abide by the requirements of the equal opportunity clause at 41 CFR 60-300.5(a), as of March 24, 2014. This clause prohibits discrimination against qualified protected veterans, and requires affirmative action by the Contractor to employ and advance in employment qualified protected veterans.

(c) Subcontracts. The Contractor shall insert the terms of this clause in subcontracts valued at or above the threshold specified in FAR 22.1303(a) on the date of subcontract award, unless exempted by rules, regulations, or orders of the Secretary of Labor. The Contractor shall act as specified by the Director, Office of Federal Contract Compliance Programs, to enforce the terms, including action for noncompliance. Such necessary changes in language may be made as shall be appropriate to identify properly the parties and their undertakings.

I.82 FAR 52.222-36 Equal Opportunity for Workers With Disabilities (Jun 2020)

(a) Equal opportunity clause. The Contractor shall abide by the requirements of the equal opportunity clause at 41 CFR 60.741.5(a), as of March 24, 2014. This clause prohibits discrimination against qualified individuals on the basis of disability, and requires affirmative action by the Contractor to employ and advance in employment qualified individuals with disabilities.

(b) Subcontracts. The Contractor shall include the terms of this clause in every subcontract or purchase order in excess of the threshold specified in Federal Acquisition Regulation (FAR) 22.1408(a) on the date of subcontract award, unless exempted by rules, regulations, or orders of the Secretary, so that such provisions will be binding upon each subcontractor or vendor. The Contractor shall act as specified by the Director, Office of Federal Contract Compliance Programs of the U.S. Department of Labor, to enforce the terms, including action for noncompliance. Such necessary changes in language may be made as shall be appropriate to identify properly the parties and their undertakings.

I.86 FAR 52.222-42 Statement of Equivalent Rates for Federal Hires (May 2014)

In compliance with the Service Contract Labor Standards statute and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

This Statement is for Information Only: It is not a Wage Determination (Please refer to **Section J, Attachment J-6A entitled, *Paducah Wage Determination (Service Contract Labor Standards (formerly known as the Service Contract Act) [SCA]) and Paducah Construction Wage Rate Requirements (formerly known as the Davis-Bacon Act [DBA])***; and **Section J, Attachment J-6B entitled, *Portsmouth Wage Determination (Service Contract Labor Standards (formerly known as the Service Contract Act) [SCA]) and Paducah Construction Wage Rate Requirements (formerly known as the Davis-Bacon Act [DBA])***; and **Section J, Attachment J-6C entitled, *Lexington Wage Determination (Service Contract Labor Standards (formerly known as the Service Contract Act [SCA])*** applicable to this Contract.)

Table I-2. Classes of Service, Wage, and Fringe Benefits

Classifications	Grade	Equivalent Pay	
		Paducah	Piketon
Accounting Clerk III	GS-5	16.95	16.95
Administrative Assistant	GS-7	21.00	21.00
Document Preparation Clerk	GS-3	13.50	13.50
General Clerk III	GS-4	15.15	15.15
Order Clerk II	GS-3	13.50	13.50
Personnel Assistant (Employment) III	GS-6	18.90	18.90
Technical Instructor	GS-7	21.00	21.00
Technical Instructor/Course Developer	GS-9	25.69	25.69
Material Coordinator	WG-7	20.99	22.06
Shipping/Receiving Clerk	WG-4	17.19	17.27
Truck Driver, Light	WG-6	19.76	20.50
Truck Driver, Medium	WG-7	20.99	22.06
Truck Driver, Heavy	WG-8	22.35	23.55
Electrician, Maintenance	WG-10	21.78	26.34
General Maintenance	WG-8	22.35	23.55
Instrument Mechanic	WG-10	21.78	26.34
Laborer	WG-2	14.23	14.28

Equivalent Federal Hire Classifications, Wages, and Benefit programs are described on the Office of Personnel Management web site at www.opm.gov

I.97 FAR 52.223-9 Estimate of Percentage of Recovered Material Content for EPA-Designated Products (May 2008)

(a) Definitions. As used in this clause—

“Postconsumer material” means a material or finished product that has served its intended use and has been discarded for disposal or recovery, having completed its life as a consumer item. Postconsumer material is a part of the broader category of “recovered material.”

“Recovered material” means waste materials and by-products recovered or diverted from solid waste, but the term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

(b) The Contractor, on completion of this contract, shall:

(1) Estimate the percentage of the total recovered material content for EPA designated item(s) delivered and/or used in contract performance, including, if applicable, the percentage of post consumer material content; and

(2) Submit this estimate to the Contracting Officer.

I.116 FAR 52.225-9 Buy American – Construction Materials (Nov 2021)

(a) Definitions. As used in this clause—

Commercially available off-the-shelf (COTS) item—

(1) Means any item of supply (including construction material) that is—

(i) A commercial products (as defined in paragraph (1) of the definition of “commercial product” at Federal Acquisition Regulation (FAR) [2.101](#));

(ii) Sold in substantial quantities in the commercial marketplace; and

(iii) Offered to the Government, under a contract or subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and

(2) Does not include bulk cargo, as defined in 46 U.S.C. 40102(4), such as agricultural products and petroleum products.

"Construction material" means an article, material, or supply brought to the construction site by the Contractor or a subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

Cost of components means—

(1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the construction material (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the construction material.

Domestic construction material means—

(1) For construction material that does not consist wholly or predominantly of iron or steel or a combination of both-

- (i) An unmanufactured construction material mined or produced in the United States; or
- (ii) A construction material manufactured in the United States, if–
 - (A) The cost of its components mined, produced, or manufactured in the United States exceeds 55 percent of the cost of all its components. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic. Components of unknown origin are treated as foreign; or
 - (B) The construction material is a COTS item; or
- (2) For construction material that consists wholly or predominantly of iron or steel or a combination of both, a construction material manufactured in the United States if the cost of foreign iron and steel constitutes less than 5 percent of the cost of all components used in such construction material. The cost of foreign iron and steel includes but is not limited to the cost of foreign iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the construction material and a good faith estimate of the cost of all foreign iron or steel components excluding COTS fasteners. Iron or steel components of unknown origin are treated as foreign. If the construction material contains multiple components, the cost of all the materials used in such construction material is calculated in accordance with the definition of "cost of components".

Fastener means a hardware device that mechanically joins or affixes two or more objects together. Examples of fasteners are nuts, bolts, pins, rivets, nails, clips, and screws.

Foreign construction material means a construction material other than a domestic construction material.

Foreign iron and steel means iron or steel products not produced in the United States. Produced in the United States means that all manufacturing processes of the iron or steel must take place in the United States, from the initial melting stage through the application of coatings, except metallurgical processes involving refinement of steel additives. The origin of the elements of the iron or steel is not relevant to the determination of whether it is domestic or foreign.

Predominantly of iron or steel or a combination of both means that the cost of the iron and steel content exceeds 50 percent of the total cost of all its components. The cost of iron and steel is the cost of the iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the product and a good faith estimate of the cost of iron or steel components excluding COTS fasteners.

Steel means an alloy that includes at least 50 percent iron, between 0.02 and 2 percent carbon, and may include other elements.

"United States" means the 50 States, the District of Columbia, and outlying areas.

- (b) Domestic preference.
 - (1) This clause implements [41 U.S.C. Chapter 83](#), Buy American, by providing a preference for domestic construction material. In accordance with [41 U.S.C. 1907](#), the domestic content test of the Buy American statute is waived for construction material that is a COTS item, except that for construction

material that consists wholly or predominantly of iron or steel or a combination of both, the domestic content test is applied only to the iron and steel content of the construction materials, excluding COTS fasteners. (See FAR [12.505](#)(a)(2)). The Contractor shall use only domestic construction material in performing this contract, except as provided in paragraphs (b)(2) and (b)(3) of this clause.

(2) This requirement does not apply to information technology that is a commercial product or to the construction materials or components listed by the Government as follows:

[none]

(3) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(2) of this clause if the Government determines that-

(i) The cost of domestic construction material would be unreasonable. The cost of a particular domestic construction material subject to the requirements of the Buy American statute is unreasonable when the cost of such material exceeds the cost of foreign material by more than 20 percent;

(ii) The application of the restriction of the Buy American statute to a particular construction material would be impracticable or inconsistent with the public interest; or

(iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.

(c) Request for determination of inapplicability of the Buy American statute. (1) (i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(3) of this clause shall include adequate information for Government evaluation of the request, including-

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Price;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.

(iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to the Buy American statute applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(3)(i) of this clause.

(3) Unless the Government determines that an exception to the Buy American statute applies, use of foreign construction material is noncompliant with the Buy American statute.

(d) *Data*. To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

Foreign and Domestic Construction Materials Price Comparison

Construction Material Description	Unit of Measure	Quantity	Price (Dollars)

Item 1

Foreign construction material

Domestic construction material _____

Item 2

Foreign construction material _____

Domestic construction material

I.117 FAR 52.225-11 Buy American-Construction Materials Under Trade Agreements (Nov 2021))

(a) *Definitions*. As used in this clause—

Caribbean Basin country construction material means a construction material that—

(1) Is wholly the growth, product, or manufacture of a Caribbean Basin country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a Caribbean Basin country into a new and different construction material distinct from the materials from which it was transformed.

Commercially available off-the-shelf (COTS) item—

(1) Means any item of supply (including construction material) that is—

- (i) A commercial product (as defined in paragraph (1) of the definition of “commercial product” at Federal Acquisition Regulation (FAR) [2.101](#));
 - (ii) Sold in substantial quantities in the commercial marketplace; and
 - (iii) Offered to the Government, under a contract or subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and
- (2) Does not include bulk cargo, as defined in [46 U.S.C.40102\(4\)](#), such as agricultural products and petroleum products.

Component means an article, material, or supply incorporated directly into a construction material.

Construction material means an article, material, or supply brought to the construction site by the Contractor or subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

Cost of components means—

- (1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the construction material (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or
- (2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the construction material.

Designated country means any of the following countries:

- (1) A World Trade Organization Government Procurement Agreement (WTO GPA) country (Armenia, Aruba, Australia, Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hong Kong, Hungary, Iceland, Ireland, Israel, Italy, Japan, Korea (Republic of), Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Moldova, Montenegro, Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Singapore, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Taiwan, Ukraine, or United Kingdom);
- (2) A Free Trade Agreement (FTA) country (Australia, Bahrain, Canada, Chile, Colombia, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Korea (Republic of), Mexico, Morocco, Nicaragua, Oman, Panama, Peru, or Singapore);
- (3) A least developed country (Afghanistan, Angola, Bangladesh, Benin, Bhutan, Burkina Faso, Burundi, Cambodia, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Haiti, Kiribati, Laos, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Nepal, Niger, Rwanda, Samoa, Sao Tome and Principe, Senegal, Sierra Leone, Solomon Islands, Somalia, South Sudan, Tanzania, Timor-Leste, Togo, Tuvalu, Uganda, Vanuatu, Yemen, or Zambia); or

(4) A Caribbean Basin country (Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Bonaire, British Virgin Islands, Curacao, Dominica, Grenada, Guyana, Haiti, Jamaica, Montserrat, Saba, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Sint Eustatius, Sint Maarten, or Trinidad and Tobago).

"Designated country construction material" means a construction material that is a WTO GPA country construction material, an FTA country construction material, a least developed country construction material, or a Caribbean Basin country construction material.

Domestic construction material means—

(1) For construction material that does not consist wholly or predominantly of iron or steel or a combination of both-

(i) An unmanufactured construction material mined or produced in the United States; or

(ii) A construction material manufactured in the United States, if—

(A) The cost of its components mined, produced, or manufactured in the United States exceeds 55 percent of the cost of all its components. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic. Components of unknown origin are treated as foreign; or

(B) The construction material is a COTS item; or

(2) For construction material that consists wholly or predominantly of iron or steel or a combination of both, a construction material manufactured in the United States if the cost of foreign iron and steel constitutes less than 5 percent of the cost of all components used in such construction material. The cost of foreign iron and steel includes but is not limited to the cost of foreign iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the construction material and a good faith estimate of the cost of all foreign iron or steel components excluding COTS fasteners. Iron or steel components of unknown origin are treated as foreign. If the construction material contains multiple components, the cost of all the materials used in such construction material is calculated in accordance with the definition of "cost of components".

Fastener means a hardware device that mechanically joins or affixes two or more objects together. Examples of fasteners are nuts, bolts, pins, rivets, nails, clips, and screws.

Foreign construction material means a construction material other than a domestic construction material.

Foreign iron and steel means iron or steel products not produced in the United States. Produced in the United States means that all manufacturing processes of the iron or steel must take place in the United States, from the initial melting stage through the application of coatings, except metallurgical processes involving refinement of steel additives. The origin of the elements of the iron or steel is not relevant to the determination of whether it is domestic or foreign.

Free Trade Agreement country construction material means a construction material that-

(1) Is wholly the growth, product, or manufacture of a Free Trade Agreement (FTA) country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a FTA country into a new and different construction material distinct from the materials from which it was transformed.

Least developed country construction material means a construction material that-

- (1) Is wholly the growth, product, or manufacture of a least developed country; or
- (2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a least developed country into a new and different construction material distinct from the materials from which it was transformed.

Predominantly of iron or steel or a combination of both means that the cost of the iron and steel content exceeds 50 percent of the total cost of all its components. The cost of iron and steel is the cost of the iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the product and a good faith estimate of the cost of iron or steel components excluding COTS fasteners.

Steel means an alloy that includes at least 50 percent iron, between 0.02 and 2 percent carbon, and may include other elements.

United States means the 50 States, the District of Columbia, and outlying areas.

WTO GPA country construction material means a construction material that-

- (1) Is wholly the growth, product, or manufacture of a WTO GPA country; or
- (2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a WTO GPA country into a new and different construction material distinct from the materials from which it was transformed.

(b) Construction materials.

(1) This clause implements [41 U.S.C. chapter 83](#), Buy American, by providing a preference for domestic construction material. In accordance with [41 U.S.C. 1907](#), the domestic content test of the Buy American statute is waived for construction material that is a COTS item, except that for construction material that consists wholly or predominantly of iron or steel or a combination of both, the domestic content test is applied only to the iron and steel content of the construction material, excluding COTS fasteners. (See FAR [12.505\(a\)\(2\)](#)). In addition, the Contracting Officer has determined that the WTO GPA and Free Trade Agreements (FTAs) apply to this acquisition. Therefore, the Buy American restrictions are waived for designated country construction materials.

(2) The Contractor shall use only domestic or designated country construction material in performing this contract, except as provided in paragraphs (b)(3) and (b)(4) of this clause.

(3) The requirement in paragraph (b)(2) of this clause does not apply to information technology that is a commercial product or to the construction materials or components listed by the Government as follows:

/none/

(4) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(3) of this clause if the Government determines that-

(i) The cost of domestic construction material would be unreasonable. The cost of a particular domestic construction material subject to the restrictions of the Buy American statute is unreasonable when the cost of such material exceeds the cost of foreign material by more than 20 percent;

(ii) The application of the restriction of the Buy American Act to a particular construction material would be impracticable or inconsistent with the public interest; or

(iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.

(c) Request for determination of inapplicability of the Buy American statute.

(1)

(i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(4) of this clause shall include adequate information for Government evaluation of the request, including-

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Price;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.

(iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to the Buy American statute applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(4)(i) of this clause.

(3) Unless the Government determines that an exception to the Buy American statute applies, use of foreign construction material is noncompliant with the Buy American statute.

(d) Data. To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

Foreign and Domestic Construction Materials Price Comparison

Construction Material Description	Unit of Measure	Quantity	Price (Dollars)*
Item 1			
Foreign construction material			
Domestic construction material			
Item 2			
Foreign construction material			
Domestic construction material			

[* Include all delivery costs to the construction site and any applicable duty (whether or not a duty-free entry certificate is issued).]

[List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.]

[Include other applicable supporting information.]

I.147 FAR 52.236-4 Physical Data (APR 1984) (applies to Fixed Price Construction Task Orders under IDIQ CLINs only)

Data and information furnished or referred to below is for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

(a) The indications of physical conditions on the drawings and in the specifications are the result of site investigations by _____ [insert a description of investigational methods used, such as surveys, auger borings, core borings, test pits, probings, test tunnels].

(b) Weather conditions: Paducah, KY gets 22.30 inches of precipitation per year, whereas the U.S. average is 30 inches per year. Snowfall averages 9 inches a year mainly in the months of October - April. The July high averages 79 degrees Fahrenheit and the January low is 36 degrees Fahrenheit.

(c) Transportation facilities _____ N/A) _____

I.158 FAR 52.236-15 Schedules for Construction Contracts (APR 1984) (applies to Fixed Price Task Orders under IDIQ CLINs only)

(a) The Contractor shall, within five (5) days after the work commences on the contract or another period of time determined by the Contracting Officer, prepare and submit to the Contracting Officer for approval of a practicable schedule showing the order in which the Contractor proposes to perform the work, and the dates on which the Contractor contemplates starting and completing the several salient features of the work (including acquiring materials, plant, and equipment). The schedule shall be in the form of a progress chart of suitable scale to indicate appropriately the percentage of work scheduled for completion by any given date during the period. If the Contractor fails to submit a schedule within the

time prescribed, the Contracting Officer may withhold approval of progress payments until the Contractor submits the required schedule.

(b) The Contractor shall enter the actual progress on the chart as directed by the Contracting Officer, and upon doing so shall immediately deliver the annotated schedule to the Contracting Officer. If, in the opinion of the Contracting Officer, the Contractor falls behind the approved schedule, the Contractor shall take steps necessary to improve its progress, including those that may be required by the Contracting Officer, without additional cost to the Government. In this circumstance, the Contracting Officer may require the Contractor to increase the number of shifts, overtime operations, days of work, and/or the amount of construction plant, and to submit for approval any supplementary schedule or schedules in chart form as the Contracting Officer deems necessary to demonstrate how the approved rate of progress will be regained.

(c) Failure of the Contractor to comply with the requirements of the Contracting Officer under this clause shall be grounds for a determination by the Contracting Officer that the Contractor is not prosecuting the work with sufficient diligence to ensure completion within the time specified in the contract. Upon making this determination, the Contracting Officer may terminate the Contractor's right to proceed with the work, or any separable part of it, in accordance with the default terms of this contract.

I.184 FAR 52.247-67 Submission of Transportation Documents for Audit (Feb 2006)

(a) The Contractor shall submit to the address identified below, for prepayment audit, transportation documents on which the United States will assume freight charges that were paid:

- (1) By the Contractor under a cost-reimbursement contract; and
- (2) By a first-tier subcontractor under a cost-reimbursement subcontract thereunder.

(b) Cost-reimbursement Contractors shall only submit for audit those bills of lading with freight shipment charges exceeding \$100. Bills under \$100 shall be retained on-site by the Contractor and made available for on-site audits. This exception only applies to freight shipment bills and is not intended to apply to bills and invoices for any other transportation services.

(c) Contractors shall submit the above referenced transportation documents to:

[Contracting Officer identified in Section G]

I.219 DEAR 970.5204-3 Access to and Ownership of Records (Oct 2014) (DEVIATION) (Issued by DOE Policy Flash 2015-23)

(a) *Government-owned records.* Except as provided in paragraph (b) of this clause, all records acquired or generated by the contractor in its performance of this contract, including records series described within the contract as Privacy Act systems of records, shall be the property of the Government and shall be maintained in accordance with 36 CFR, Chapter XII, Subchapter B, "Records Management." The contractor shall ensure records classified as Privacy Act system of records are maintained in accordance with FAR 52.224.2 "Privacy Act."

(b) *Contractor-owned records.* The following records are considered the property of the contractor and are not within the scope of paragraph (a) of this clause.

- (1) Employment-related records (such as worker's compensation files; employee relations records, records on salary and employee benefits; drug testing records, labor negotiation records; records on ethics, employee concerns; records generated during the course of responding to allegations of

research misconduct; records generated during other employee related investigations conducted under an expectation of confidentiality; employee assistance program records; and personnel and medical/health related records and similar files), and non-employee patient medical/health-related records, except those records described by the contract as being operated and maintained by the Contractor in Privacy Act system of records.

- (2) Confidential contractor financial information, internal corporate governance records and correspondence between the contractor and other segments of the contractor located away from the DOE facility (i.e., the contractor's corporate headquarters);
 - (3) Records relating to any procurement action by the contractor, except for records that under 48 CFR 970.5232–3 are described as the property of the Government;
 - (4) Legal records, including legal opinions, litigation files, and documents covered by the attorney-client and attorney work product privileges; and
 - (5) The following categories of records maintained pursuant to the technology transfer clause of this contract:
 - (i) Executed license agreements, including exhibits or appendices containing information on royalties, royalty rates, other financial information, or commercialization plans, and all related documents, notes and correspondence.
 - (ii) The contractor's protected Cooperative Research and Development Agreement (CRADA) information and appendices to a CRADA that contain licensing terms and conditions, or royalty or royalty rate information.
 - (iii) Patent, copyright, mask work, and trademark application files and related contractor invention disclosures, documents and correspondence, where the contractor has elected rights or has permission to assert rights and has not relinquished such rights or turned such rights over to the Government.
- (a) Contract completion or termination. Upon contract completion or termination, the contractor shall ensure final disposition of all Government-owned records to a Federal Record Center, the National Archives and Records Administration, to a successor contractor, its designee, or other destinations, as directed by the Contracting Officer. Upon the request of the Government, the contractor shall provide either the original contractor-owned records or copies of the records identified in paragraph (b) of this clause, to DOE or its designees, including successor contractors. Upon delivery, title to such records shall vest in DOE or its designees, and such records shall be protected in accordance with applicable federal laws (including the Privacy Act) as appropriate. If the contractor chooses to provide its original contractor-owned records to the Government or its designee, the contractor shall retain future rights to access and copy such records as needed.
- (b) Inspection, copying, and audit of records. All records acquired or generated by the Contractor under this contract in the possession of the Contractor, including those described at paragraph (b) of this clause, shall be subject to inspection, copying, and audit by the Government or its designees at all reasonable times, and the Contractor shall afford the Government or its designees reasonable facilities for such inspection, copying, and audit; provided, however, that upon request by the Contracting Officer, the Contractor shall deliver such records to a location specified by the Contracting Officer for inspection, copying, and audit. The Government or its designees shall use such records in accordance with applicable federal laws (including the Privacy Act), as appropriate.

- (c) Applicability. This clause applies to all records created, received and maintained by the contractor without regard to the date or origination of such records including all records acquired from a predecessor contractor.
- (d) Records maintenance and retention. Contractor shall create, maintain, safeguard, and disposition records in accordance with 36 Code of Federal Regulations (CFR) Chapter XII, -- Subchapter B, “Records Management” and the National Archives and Records Administration (NARA)-approved Records Disposition Schedules. Records retention standards are applicable for all classes of records, whether or not the records are owned by the Government or the contractor. The Government may waive application of the NARA-approved Records Disposition Schedules, if, upon termination or completion of the contract, the Government exercises its right under paragraph (c) of this clause to obtain copies of records described in paragraph (b) and delivery of records described in paragraph (a) of this clause.
- (e) Subcontracts.
 - (1) The contractor shall include the requirements of this clause in all subcontracts that contain the Radiation Protection and Nuclear Criticality clause at 952.223–72, or whenever an on-site subcontract scope of work (i) could result in potential exposure to: A) radioactive materials; B) beryllium; or C) asbestos or (ii) involves a risk associated with chronic or acute exposure to toxic chemicals or substances or other hazardous materials that can cause adverse health impacts, in accordance with 10 CFR part 851. In determining its flow-down responsibilities, the Contractor shall include the requirements of this clause in all on-site subcontracts where the scope of work is performed in: (A) Radiological Areas and/or Radioactive Materials Areas (as defined at 10 CFR 835.2); (B) areas where beryllium concentrations exceed or can reasonably be expected to exceed action levels specified in 10 CFR 850; (C) an Asbestos Regulated area (as defined at 29 CFR 1926.1101 or 29 CFR 1910.1001); or (D) a workplace where hazard prevention and abatement processes are implemented in compliance with 10 CFR 851.21 to specifically control potential exposure to toxic chemicals or substances or other hazardous materials that can cause long term health impacts.
 - (2) The Contractor may elect to take on the obligations of the provisions of this clause in lieu of the subcontractor, and maintain records that would otherwise be maintained by the subcontractor.

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS

DOE-J-2001 List of Attachments (Oct 2015)

The following attachments constitute part of this Contract:

Attachment Number	Title of Attachment
J-1	Acronyms
J-2	Requirements Sources and Implementing Documents (List A and List B)
J-3	Accountable Property
J-4	Summary of Contract Deliverables
J-5	PPPO Site Services and Interface Requirements Matrix
J-6	J-6A, Paducah Wage Determination ((Service Contract Labor Standards (formerly known as the Service Contract Act [SCA]) and Paducah Construction Wage Rate Requirements (formerly known as the Davis-Bacon Act [DBA])) J-6B, Portsmouth Wage Determination ((Service Contract Labor Standards (formerly known as the Service Contract Act [SCA]) and Portsmouth Construction Wage Rate Requirements (formerly known as the Davis-Bacon Act [DBA])) J-6C, Lexington Wage Determination ((Service Contract Labor Standards (formerly known as the Service Contract Act [SCA]) and Construction Wage Rate Requirements (formerly known as the Davis-Bacon Act [DBA]))
J-7	PPPO Facilities Responsibility Matrixes (for Landlord and Selected Services)
J-8	Technical Documents, Exhibits, and Other Attachments J.8.C.5.3.3 – Off-Spec Cylinders Less Than 0.96% J.8.C.5.3.6a – List of Less Than 180g U-235 Enriched Heel Cylinders J-8.C.5.3.6b – List of Enriched Heel Cylinders With Greater Than 180g And Less Than 350g U-235 J-8.C.7.3 – Characterization Data
J-9	Contract Security Classification Specification (CSCS) (To be inserted after contract award.)
J-10	Performance Evaluation Measurement Plan (PEMP) (To be inserted after contract award.)
J-11	Small Business Subcontracting Plan
J-12	Crosswalk of Contract Baseline Development
J-13	Listing of Local Agreements (Emergency Management, Fire Protection, and Security)
J-14	Executed Performance Guarantee Agreement

Attachment Number	Title of Attachment
J-15	Contractor's Community Commitment Plan
J-16	GSA Leased Vehicles

**PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER
ATTACHMENTS**

SECTION J – LIST OF ATTACHMENTS

ATTACHMENT J-1 – ACRONYMS

Acronyms

1992 EAct	1992 Energy Policy Act
5YSP	Five-Year Site Plan
AACS	Automated Access Control Systems
AADT	Annual Average Daily Traffic
AADTT	Annual Average Daily Truck Traffic
ABC	Articulated Bulk Container
ACAS	Asset Condition Assessment Survey
ACB	Air Circuit Breaker
ACO	Administrative Contracting Officer
ACP	American Centrifuge Plant
ADR	Alternate Dispute Resolution
ADT	Average Daily Traffic
AEA	Atomic Energy Act of 1954
AEP	American Electric Power
AHJ	Authority Having Jurisdiction
AIPT	Acquisition Integrated Project Team
ALARA	As Low as Reasonably Achievable
ALS	Advanced Life Support
ANC	Alaskan Native Corporation
ANS	American Nuclear Society
ANSI	American National Standards Institute
ANSI/EIA	American National Standards Institute/Electronic Industries Alliance
AOO	Assumption of Operations
AP	Acquisition Plan
AqHF	Aqueous Hydrogen Fluoride
ARAPT	Alarm Response Assessment and Performance Test
ARB	Acquisition Review Board
AREMA	American Railroad Engineering Association
ASME	American Society of Mechanical Engineers
ASRB	Annual Security Refresher Briefing
ASTM	American Society of Testing Materials
AU-14	Office of Environment, Health, Safety, and Security
AWE	Atomic Weapons Employers
BCP	Baseline Change Proposal
Be	Beryllium
BenVal	Employee Benefits Value
BOA	Basic Ordering Agreement
BOE	Basis of Estimate
BNA	Baseline Needs Assessment
BPA	Blanket Purchase Agreement
CaF2	Calcium Fluoride
CAAS	Criticality Accident Alarm System
CAB	Citizens Advisory Board
CAGE	Commercial and Government Entity

CAIRS	Computerized Accident/Incident Reporting System
CAIS	Condition Assessment Information System
CAAS	Criticality Accident Alarm System
CAS	Contractor Assurance System
CBA	Collective Bargaining Agreement
CD	Critical Decision
CER	Cylinder Evacuation Room
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CFSR	Contractor Funds Status Report
CHRM	Contractor Human Resources Management
CID	Cylinder Information Database
CLIN	Contract Line Item Number
CIP	Compensation Increase Plan (as used in Section H and referenced in J-4)
CIP	Critical Infrastructure Protection (as used in Section C)
CM	Corrective Maintenance
CMMS	Computerized Maintenance Management System
CMP	Contract Management Plan
CMT	Contract Management Team
CO	Contracting Officer
COLA	Cost of Living Adjustment
COOP	Continuity of Operations
COR	Contracting Officer's Representative
COTS	Commercially Available Off-the-Shelf
CPAF	Cost-Plus-Award-Fee
CPARS	Contractor Performance and Assessment Rating System
CPB	Contractor Performance Baseline
CPFF	Cost-Plus-Fixed-Fee
CPIF	Cost-Plus-Incentive-Fee
CPN	Characterization Package Number
CPR	Contractor Performance Reports
CPU	Central Processing Unit
CQQ	Certification of Quality and Quantity
CR	Cost Reimbursable
CRAR	Continuity Readiness Assurance Report
CRD	Contractor Required Document
CRO	Community Reuse Organization
CRS	Certified Realty Specialist
CSCS	Contract Security Classification Specification
CSO	Cognizant Security Office
CSPP	Cyber Security Program Plans (as used in Section C)
CSPP	Communications-Computer Systems Program Plan
CTS	Cylinder Transfer System
CUI	Controlled Unclassified Information
CV19	ConVerter19
CWS	Chilled Water System

D&D	Decontamination and Decommissioning
D&R	Deactivation and Remediation
DARs	Document Acquisition Requests
DART	Days Away, Restricted or Transferred
DBA	Davis-Bacon Act
DBT	Design Basis Threat
DCAA	Defense Contract Audit Agency
DEAR	Department of Energy Acquisition Regulations
DFFO	Directors Final Findings and Orders for Remedial Action
DM&R	Deferred Maintenance and Repair
DNFSB	Defense Nuclear Facilities Safety Board
DOE	U.S. Department of Energy
DOECAP	DOE Consolidated Audit program
DOL	Department of Labor
DPAS	Defense Priorities and Allocations System
DPLH	Direct Productive Labor Hours
DTC	Design-To-Cost
DSA	Documented Safety Analyses
DUF4	Depleted Uranium Tetrafluoride
DUF6	Depleted Uranium Hexafluoride
DUNS	Data Universal Numbering System
DUOx	Depleted Uranium Oxide
EALs	Emergency Action Levels
ECI	Export Controlled Information
ECP	Employee Concerns Program
ECFWG	Excess Contaminated Facilities Working Group
EEL	Electric Energy Inc.
EEOICPA	Energy Employees Occupational Illness Compensation Program Act
EIA	Electronic Industries Alliance
EISA	Energy Independence and Security Act
EM	Office of Environmental Management
EMCBC	Environmental Management Consolidated Business Center
EMS	Environment Management System
EOC	Emergency Operations Center
EPHA	Emergency Planning Hazard Assessments
ERAP	Emergency Readiness Assurance Plan
ERISA	Employee Retirement Income Security Act of 1974
ERMS	Electronic Records Management System
ERPP	Environmental Radiological Protection Program
ESAAB	Energy Systems Acquisition Advisory Board
ES&H	Environment, Safety, and Health
ESH&Q	Environment, Safety, Health, and Quality
EVMS	Earned Value Management System
FAR	Federal Acquisition Regulation
FAST	Motor Vehicle Fleet Reports
FBP	Fluor BWXT Partnership, LLC

FCCM	Facilities Capital Cost of Money
FCD	Federal Continuity Directive
FCL	Facility Clearance Level
FDO	Fee Determining Official
FERC	Federal Energy Regulatory Commission
FFP	Firm-Fixed-Price
FHA	Fire Hazard Analysis
FICA	Federal Insurance Contributions Act
FIMS	Facilities Information Management System
FITARA	Federal Information Technology Acquisition Reform Act
FOCI	Foreign Ownership, Control, or Influence
FoF	Force on Force
FOGM	Fuel, Oil, Gas and Maintenance
FOIA	Freedom of Information Act
FP	Fixed-Price
FPD	Federal Project Director
FR	Facility Representative
FRA	Federal Railroad Administration
FRC	Federal Records Center
FRNP	Four Rivers Nuclear Partnership, LLC
FRPC	Federal Real Property Council
FSO	Facility Security Officer
FUTA	Federal Unemployment Tax Act
FY	Fiscal Year
G&A	General and Administrative
GAGAS	Generally Accepted Government Auditing Standards
GAO	Government Accountability Office
GC	General Counsel
GCLR	Labor Relations Module
GDP	Gaseous Diffusion Plant
GFE	Government Furnished Equipment
GFP	Government Furnished Property
GFS&I	Government Furnished Services and Items
GFS/I	Government Furnished Services and Information
GPE	Government Point-of-Entry
GSA	General Services Administration
HCA	Head of Contracting Activity
HF	Hydrogen Fluoride
HMWI	High Molecular Weight Impurities
HPFW	High Pressure Fire Water
HQ	Headquarters
HRA	Health Reimbursement Plans
HRP	High Risk Property
HSPD	Homeland Security Presidential Direction
HUBZone	Historically Under-utilized Business Zones
I&I	Infiltration and Inflow

IAEA	International Atomic Energy Agency
IAT	Integrated Acquisition Team
IBR	Integrated Baseline Review
ICAM	Identity, Credential, and Access Management
IDIQ	Indefinite Delivery Indefinite Quantity
IFMS	Interagency Fleet Management System
IGCE	Independent Government Cost Estimate
IMP	Integrated Master Plan
IOSC	Incidents of Security Concerns
IPABS	Integrated Planning, Accounting and Budgeting System
IPMR	Integrated Performance Management Report
IRC	Internal Revenue Code
ISM	Integrated Safety Management
ISMS	Integrated Safety Management Summary
ISO	International Organization for Standards
ISS	Infrastructure Support Services
IT	Information Technology
JA	Job Analyses
JV	Joint Venture
K	Thousands
KU	Kentucky Utilities
kV	Kilovolt
LANMAS	Local Area Network Material Accountability System
LCC	Life-Cycle Cost
LE	Law Enforcement
LEED	Leadership in Energy and Environmental Design
LEU	Low Enriched Uranium
LEUF6	Low Enriched Uranium Hexafluoride
LLC	Limited Liability Corporation
LLW	Low Level Waste
LM	Office of Legacy Management
LSPT	Limited Scope Performance Test
LTS	Long-Term Stewardship
M	Million
MBA	Material Balance Area
MC&A	Material Control and Accountability
MCS	Mid-America Conversion Services, LLC
MEPP	Multi-Employer Pension Plan
MEWA	Multiple Employer Welfare Arrangement
MGPD	Million Gallons per Day
MLLW	Mixed Low-Level Waste
MOU	Memorandum of Understanding
MPR	Monthly Performance Report
MT	Metric Tons
MTRU	Mixed Transuranic Waste
NAICS	North American Industry Classification System

NARA	National Archives and Records Administration
NAT GAS	Natural Gas
NEPA	National Environmental Protection Act
NERC	North American Electric Reliability Corporation
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NISPOM	National Industrial Security Program Operating Manual
NIST	National Institute of Standards and Technology
NLRA	National Labor Relations Act
NM	Nuclear Material
NMC&A	Nuclear Material Control and Accountability
NMMSS	Nuclear Materials Management and Safeguards System
NNSA	National Nuclear Security Administration
NOV	Notice of Violations
NOAV	Notice of Alleged Violations
NPDES	National Pollutant Discharge Elimination System
NQA	Nuclear Quality Assurance
NRC	Nuclear Regulatory Commission
NTC	National Training Center
NTP	Notice to Proceed
NUF6	Natural Assay Uranium Hexafluoride
NWD	North Wind Dynamics, LLC
O	Order
OAM	Office of Acquisition Management
OCI	Organizational Conflict of Interest
ODFSA	Officially Designated Federal Security Authority
ODSA	Officially Designated Security Authority
OFPP	Office of Federal Procurement Policy
OIG	Office of Inspector General
OMB	Office of Management and Budget
OPSEC	Operations Security
ORPS	Occurrence Reporting and Processing System
OSBDU	Office of Small and Disadvantaged Business Utilization
OSHA	Occupational Safety and Health Administration
OSMS	Operations and Site Mission Support
OUO	Official Use Only
OVEC	Ohio Valley Electric Corporation
PACRO	Paducah Area Community Reuse Organization
PAD	Paducah Gaseous Diffusion Plant
PARS II	Project Assessment and Reporting System
PBS	Program Baseline Summary
PCB	Polyvinyl Chloride
PCO	Procuring Contracting Officer
PDF	Portable Document Format
PEMP	Performance Evaluation and Management Plan
PIDS	Property Information Database System

PII	Personally Identifiable Information
PF	Protective Force
PL	Protection Level
Plan	Management Plan
PM	Preventive Maintenance
PMA	Portsmouth Mission Alliance
PMB	Performance Measure Baseline
PMP	Pension Management Plan
POMCs	Performance Objectives, Performance Measures, and Commitments
POP	Period of Performance
PORTS	Portsmouth Gaseous Diffusion Plant
POSP	Parent Organization Support Plan
PPE	Personal Protective Equipment
PPPO	Portsmouth/Paducah Project Office
PRB	Post-Retirement Benefits
PTM	Performance Technical Monitor
PVC	Polyvinyl Chloride
PWS	Performance Work Statement
QA	Quality Assurance
QAP	Quality Assurance Program
QARD	Quality Assurance Requirements and Descriptions
QIP	Quality Assurance Implementation Plan
RA	Risk Assessment
RCRA	Resource Conservation and Recovery Act
RECO	Real Estate Contracting Officer
RFI/SS	Request for Information/Sources Sought
RFP	Request for Proposal
RFT	Response Force Time
RMFO	Records Management Field Officer
RMP	Risk Management Plan
ROD	Record of Decision
ROM	Rough Order of Magnitude
RPO	Real Property Officer
RPP	Radiation Protection Program
RPV	Replacement Plant Value
RTP	Request for Task Order Proposal
S&M	Surveillance and Maintenance
S&S	Safeguards and Security
SAN	Storage Area Network
SANS	SysAdmin, Audit, Network and Security
SAM	System for Award Management
SAR	Safety Analysis Report
SBA	Small Business Administration
SCA	Service Contract Act
SCSP	Safety Culture Sustainment Plan
SDR	Standard Dimension Ratio

SDVOSB	Service-Disabled Veteran-Owned Small Business
SEB	Source Evaluation Board
SERT	Secure Electronics Records Transfer
SF	Standard Form
SFFAS	Statements of Federal Accounting Standards
SIRP	Security Incident Response Plan
SNM	Special Nuclear Material
SOFC	Southern Ohio Four County
SPO	Security Police Officer
SRA	Security Risk Assessment
SSA	Source Selection Authority
SSIMS	Security Information Management System
SSP	Site Security Plan
SST	Swift and Staley, Inc.
STI	Scientific and Technical Information
STRIPES	Strategic Integrated Procurement Enterprise System
SUTA	State Unemployment Tax Act
THIRA	Threat and Hazard Identification Risk Assessment
TP	Transition Plan
TO	Task Order
TRC	Total Recordable Case
TRI	Toxic Chemical Release Inventory
TRU	Transuranic Waste
TSR	Technical Safety Requirements
TSS	Technical Support Services
TSDF	Treatment, Storage, and Disposal Facilities
TVA	Tennessee Valley Authority
UCNI	Unclassified Controlled Nuclear Information
UCI	Unclassified Controlled Information
UDS	Uranium Disposition Services, LLC
UERM	Universal Electronic Records Management
UOx	Uranium Oxide Form
US	United States
USC	United States Code
USEC	United States Enrichment Corporation
USW	United Steel Workers
UF6	Uranium Hexafluoride
VA	Vulnerability Assessment
VAP	Vaporization System
VE	Value Engineering
VOSB	Veteran-Owned Small Business
WAC	Waste Acceptance Criteria
WBS	Work Breakdown Structure
WFO	Work for Others
WFR	Workforce Reduction
WF	Workforce

WK	Western Kentucky
WMP	Waste Management Plan
WFR	Workforce Reduction
WSHP	Worker Safety and Health Program

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS

ATTACHMENT J-2 – REQUIREMENTS SOURCES AND IMPLEMENTING DOCUMENTS

List A. Applicable Federal, State, and Local Regulations

The federal, state, and local regulations found in the Contract constitute List A, *Applicable Federal, State, and Local Regulations*, referenced in the Section H clause *Laws, Regulations, and DOE Directives*. Omission of any applicable law or regulation from the Contract does not affect the obligation of the Contractor to comply with such law or regulation. List B below contains a list of applicable DOE Directives that are required for this Contract.

List B. Applicable DOE Directives

The DOE directives listed in the table below contain requirements relevant to the scope of work under this contract. In most cases, the requirements applicable to the contractor are contained in a Contractor Requirements Document (CRD) attached to the DOE directive. The Contractor is encouraged to continuously evaluate the work scope and contract requirements for opportunities to improve efficiency or creativity and propose alternative methods to those specified in the DOE directives.

Table J-2.1 Directives, Regulations, Policies, and Standards

Directive/Requirement No.	Directive Title
DOE O 140.1A	Interface with the Defense Nuclear Facilities Safety Board
DOE P 141.1*	Department of Energy Management of Cultural Resources
DOE O 142.2A Admin Chg 1	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
DOE M 142.2-1 Admin Chg 1	Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
DOE O 142.3B Chg 1 (LtdChg)	Unclassified Foreign National Access Program
DOE O 144.1A	DOE Requirements for Consultation and Engagement with Federally Recognized Indian Tribes and Alaska Native Claims Settlement Act Corporations Pursuant to DOE P 144.1
DOE O 150.1B	Continuity Programs
DOE O 151.1E	Comprehensive Emergency Management System

Directive/Requirement No.	Directive Title
DOE O 153.1A	Departmental Nuclear Emergency Support Team Capabilities
DOE O 200.1A Chg 2 (LtdChg)	Information Technology Management
DOE O 203.1A, Chg 1 (AdminChg)	Limited Personal Use of Government Office Equipment including Information Technology
DOE O 205.1D	Department of Energy Cybersecurity Program
DOE O 206.1A	Department of Energy Privacy Program
DOE O 206.2, Chg 2 (LtdChg)	Identity, Credential, and Access Management (ICAM)
DOE O 210.2A	DOE Corporate Operating Experience Program
DOE O 221.1B	Reporting Fraud, Waste, And Abuse To The Office Of Inspector General
DOE O 221.2A	Cooperation with The Office Of Inspector General
DOE O 225.1B	Accident Investigations
DOE O 226.1B, Chg 1 (AdminChg)	Implementation Of Department Of Energy Oversight Policy
DOE P 226.2*	Policy for Federal Oversight and Contractor Assurance Systems
DOE O 227.1 A Chg 1 (AdminChg)	Independent Oversight Program
DOE O 231.1B Admin Chg 1	Environment, Safety and Health Reporting
DOE O 232.2A Chg 1 (MinChg)	Occurrence Reporting and Processing of Operations Information
DOE O 241.1C	Scientific and Technical Information Management
DOE O 243.1C	Records Management Program
DOE O 252.1A Chg 2 (AdminChg)	Technical Standards Program
DOE O 350.1 Chg 7 (LtdChg)	Contractor Human Resource Management Programs
DOE P 364.1*	Health and Safety Training Reciprocity
DOE O 410.2 Admin Chg 1	Management of Nuclear Materials
DOE O 413.3B Chg 7 (LtdChg)	Program And Project Management For The Acquisition Of Capital Assets
DOE O 414.1D Chg 2 (LtdChg)	Quality Assurance
DOE O 420.1C Chg 3 (LtdChg)	Facility Safety
DOE P 420.1*	Department of Energy Nuclear Safety Policy

Directive/Requirement No.	Directive Title
DOE O 422.1 Chg 4 (LtdChg)	Conduct of Operations
DOE O 425.1E	Verification of Readiness to Start Up or Restart Nuclear Facilities
DOE O 426.2A Chg 1 (AdminChg)	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities
DOE O 430.1C Chg. 2 (AdminChg)	Real Property Asset Management (in accordance with Section H, <i>Real Property Asset Management</i>)
DOE O 433.1B Chg 1 (AdminChg)	Maintenance Management Program for DOE Nuclear Facilities.
DOE O 435.1 Chg 2 (AdminChg)	Radioactive Waste Management
DOE M 435.1-1 Chg 3 (LtdChg)	Radioactive Waste Management Manual
DOE O 437.1A	Bridge and Tunnel Management
DOE O 440.2C Chg 3 (LtdChg)	Aviation Management and Safety
DOE M 441.1-1 Chg 1 (AdminChg)	Nuclear Material Packaging
DOE O 442.1B	Department of Energy Employee Concerns Program
DOE O 442.2 Chg 1 (PgChg)	Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns
DOE P 444.1*	Preventing and Responding to all Forms of Violence in the Workplace
DOE P 450.4A Chg 1 (MinChg)*	Integrated Safety Management Policy
DOE P 451.1*	National Environmental Policy Act Compliance Program
DOE P 454.1* Chg 1 (AdminChg)	Use of Institutional Controls
DOE O 458.1 Chg 5 (AdminChg)	Radiation Protection of the Public and the Environment
DOE O 460.1D Chg 1 (LtdChg)	Hazardous Materials Packaging and Transportation Safety
DOE O 460.2B	Departmental Materials Transportation Management
DOE O 461.1C Chg 1 (MinChg)	Packaging and Transportation for Offsite Shipment of Materials of National Security Interest.
DOE O 461.2	Onsite Packaging and Transfer of Materials of National Security Interest

Directive/Requirement No.	Directive Title
DOE O 470.1A	Safeguards and Security Program Operations Management
DOE P 470.1B*	Safeguards and Security Program
DOE O 470.3C Chg 2 (LtdChg)	Design Basis Threat (DBT)
DOE O 470.4C	Safeguards and Security Planning
DOE O 470.5A	Insider Threat Program
DOE O 470.6 Chg 1 (MinChg)	Technical Security Program
DOE O 471.1B	Identification and Protection of Unclassified Controlled Nuclear Information
DOE O 471.6 Chg 4 (LtdChg)	Information Security
DOE O 471.7	Controlled Unclassified Information
DOE O 472.2A, Chg 1 (LtdChg)	Personnel Security
DOE O 473.1A	Physical Protection Program
DOE O 473.2A	Protective Force Operations
DOE O 474.2A Chg 1 (AdminChg)	Nuclear Material Control and Accountability
DOE O 475.1	Counterintelligence Program
DOE O 475.2B	Identifying Classified Information
DOE O 484.1 Chg 4 (LtdChg)	Reimbursable Work for the Department of Homeland Security
DOE O 486.1A	Foreign Government Sponsored or Affiliated Activities
DOE O 522.1A, Chg 1 (LtdChg)	Pricing Of Departmental Materials And Services
DOE P 547.1A*	Small Business First Policy
DOE O 550.1 Chg 1 (LtdChg)	Official Travel
* DOE Policies provides guidance for Contractor Programs and Do Not contain contractual requirements.	
Implementing Documents	
Classification Bulletin GEN-16, Revision 2	“No Comment” Policy on Classified Information in the Open Literature January 28, 2015
DOE-EM	Issuance of the Environmental Management Program Management Protocol, November 6, 2020

Directive/Requirement No.	Directive Title
TSCA-UE-FFCA	Uranium Enrichment Toxic Substances Control Act Federal Facilities Compliance Agreement, May 2017
DOE/OR/07-1707	Federal Facility Agreement, September 2019
Commonwealth of Kentucky Permit Number KY0004049	Kentucky Pollutant Discharge Elimination System Permit Number KY0004049 for the Paducah Gaseous Diffusion Plant/U.S. Department of Energy Outfalls Under, McCracken County, Kentucky, July 2017
Commonwealth of Kentucky Permit Numbers 073-00045, 073-00014, 073-00015C-746-U, C-746-S and C-746-T Landfills Solid Waste Permits, May 2019Permit Number KY8-890-008-982Kentucky Division of Waste Management Hazardous Waste Management Facilities Permit, includes the Hazardous and Solid Waste Amendments permit issued by U.S. EPA, October 2017BJC/PAD-691/R1Cultural Resource Management Plan for the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, March 2006Four Rivers Nuclear Partnership, LLC Permit V-21-011 R1Air Quality Permit, September 2021451.1a-001 Rev 1	NEPA CX - Asbestos Abatement Actions, September 2014
451.1a-003 Rev 1 NEPA CX - Waste Minimization, Recycling, and Reuse, May 2008 451.1a-012	NEPA CX - Removing Items or Materials Containing PCBs, May 2008
451.1a-016 Rev 2NEPA CX - Alterations to Existing Buildings, Construction of Small-Scale Support Structures, & Relocation of Machinery, Equipment and Utilities, March 2018451.1a-014 Rev 2NEPA CX - Maintenance Activities, March 2018451.1a-052 Rev 1	NEPA CX - Transfer of Disposition of DOE Personal Priority, April 2012
451.1a-054	NEPA CX - Management of Polychlorinated Biphenyl Containing Materials, September 2014
451.1a-055 Rev 1	NEPA CX - Deactivation, Surveillance, and Maintenance of the Paducah Gaseous Diffusion Plant, July 2018
DOE/EA-1339	Final Environmental Assessment for Waste Disposition Activities at the Paducah Site, Paducah Kentucky, November 2002
DOE/EA-1339-A	Environmental Assessment Addendum Disposition of Additional Waste at the Paducah Site, December 2003
451.1a-064	NEPA CX - C-531 Switchyard Bypass, February 2019
C2-89-732	Ohio EPA Consent Decree, August 29, 1989

Directive/Requirement No.	Directive Title
Ohio Permit No. 04-66-0680	RCRA Part B Permit - Effective March 24, 2011
Ohio Permit No. 01O00000*OD	NPDES Sitewide Permitting - Effective July 1, 2020
Ohio Permit No. P0109662	CAA Title V Air Permit - Effective May 29, 2014
DOE/PPPO/03-1015&D1	Burn Plan for the X-611A, February 2021
P430	Ohio Permit to Install X-344 Pigtail Gulper (06-07760), May 2005
P469	Ohio Permit to Install X-344 Toll Transfer Facility (06-06303), December 2000
P468	Ohio Permit to Install X-343 Feed Vaporization and Sampling (06-06302), December 2000
P001	Permit No. P0109511 to Install and Operate Process Line 1 (DUF6 Conversion Facility), March 2012
P002	Permit No. P0109511 to Install and Operate Process Line 2 (DUF6 Conversion Facility), March 2012
P003	Permit No. P0109511 to Install and Operate Process Line 3 (DUF6 Conversion Facility), March 2012
P004	Permit No. P0109511 to Install and Operate HVAC System (DUF6 Conversion Facility), March 2012
DOE/PPPO/03-0084&D4	Integrated Surveillance and Maintenance Plan for the Portsmouth Gaseous Diffusion Plant, September 2021
DOE/PPPOI03-0345&D3	Work Plan/or Construction of the X-690 Steam Plant Replacement Project in Support o/the Decontamination and Decommissioning of the X-600 Complex and Other Facilities at the Portsmouth Gaseous Diffusion Plant, August 2012
FBP-ER-EECA-BG-PLN-0044-R6-03	FCN Work Plan for Construction of the X-690 Steam Plant Replacement Project, May 2019
DOE/LX/07-2473&D2	Site Management Plan, Paducah Gaseous Diffusion Plant, Paducah, Kentucky, Annual Revision FY 2022, December 2021
https://www.energy.gov/nepa/nepa-documents	NEPA Documents

**PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER
ATTACHMENTS**

SECTION J – LIST OF ATTACHMENTS

Attachment J-3 Accountable Property

**Full Attachment is not provide in this version but can be
made available by request**

ATTACHMENT J-4, SUMMARY OF CONTRACT DELIVERABLES

The tables below, Table A, *Transition Deliverables*, and Table B, *Post-Transition Period Deliverables*, summarizes the specific products the Contractor shall submit to Department of Energy (DOE), the type of action DOE will perform, and the date/timeframe that the Contractor shall submit the product.

Deliverables are considered work scope endpoints, work scope completions, products, reports or commitments that shall be delivered to DOE. The types of DOE action are defined as:

- **Approve** – The Contractor shall provide the deliverable to DOE for review and Contractor is responsible for obtaining DOE approval. The deliverable shall be of sufficient quality, depth, thoroughness, and format to support DOE approval. For some deliverables DOE has identified the initial deliverable date in order to plan the appropriate review cycle more efficiently. DOE will review the deliverable and provide comments. DOE comments will be discussed with the Contractor and the Contractor shall provide written responses. The Contractor shall revise the documents to satisfactorily address all DOE comments. Once DOE approves a deliverable or document, the Contractor shall place it under change control and shall make no changes to that document without further DOE approval.
- **Concurrence** – The Contractor shall provide the deliverable to DOE for concurrence. The deliverable shall be of sufficient quality, depth, thoroughness, and format to support DOE concurrence. DOE will review the deliverable and concur or provide comments to the contractor. DOE comments will be discussed with the Contractor and the Contractor shall revise the deliverable. When the deliverable is required to be submitted to a regulatory agency, DOE will provide concurrence that the document may be submitted to the agencies.
- **Information** – The Contractor shall provide the deliverable to DOE for information purposes. DOE will have the option of reviewing the information and providing comments. Contractor shall respond to all written comments. Summary of Contract Deliverables does not include all required deliverables identified in other applicable sections of the contract, DOE directives, federal regulations, or regulatory documents. The Contractor shall be responsible for the compliance with all applicable standards, orders, and regulations under the contract.

All deliverables and contract correspondence shall be provided to DOE in searchable electronic format (e.g., PDF). Deliverables shall be submitted in a portfolio, or other format directed by the CO, when there are multiple files and the portfolio should contain any excel tables in excel format as attachments within the portfolio when analytical data or calculations are present within the document. Deliverables shall comply with record management requirements. Letters (drafted for DOE's use) shall be provided to DOE in an editable electronic format (e.g., Microsoft Word) within the portfolio or other file as directed. Deliverables shall be provided in editable electronic format when specified or requested. An email distribution list shall be established and maintained for submittals along with a process for submittal of deliverables that are too large for email transmittal. The title of the letter shall contain the contract number and contract deliverable number and either state "For Approval" or "For Information" per the contract requirements. If the submittal is regulatory in nature and has a regulatory due date for external transition, the letter should clearly state the regulatory due date.

Notice to Proceed (NTP) and contract award has been standardized for use in the tables below. For purposes of this attachment, NTP denotation indicates the number of days from the date the NTP was issued by the Contracting Officer (CO) to commence the 120-day transition period. In the event of a

conflict between this section and a section where a deliverable was established, the original section shall control unless otherwise approved by the CO.

Unless otherwise defined, deliverable due dates for reoccurring submittals shall be based on the date of the most recent approval. For reoccurring deliverables, e.g., quarterly, semi-annual, the subject line shall incorporate the year/quarter/month of the deliverable as applicable. This requirement supplements, but does not supersede, the requirement of Section D.1 (b).

This is a summary of the Contract deliverables; however, the summary list does not include all required deliverables identified in the Contract. The Contractor shall be responsible for all the deliverables specified in all sections of the Contract, applicable standards, DOE directives, federal regulations, and regulatory documents under the Contract. The Contractor shall maintain a system that tracks the deliverables, including but not limited to due dates, status of comment reviews, resubmittal due dates, approval dates, and other information necessary to ensure that deliverables are submitted on time and tracked until completion and identify resubmittal or annual submittal dates. Regulatory deliverables must be submitted to DOE in sufficient time for adequate review, comment, revision, and final submittal to the agencies.

Deliverables shall be submitted in approvable format (i.e. not marked draft) in order to be approved upon first submitted in the event there are no comments or changes that need to be made. This will avoid unnecessary submittals.

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-001	Transition Plan (with critical path schedule and deliverables schedule)	Within 15 Days After the Notice to Proceed (NTP)	Approval	5 Days	C.2.1, <i>Incoming Transition</i>
TD-002	Transition Status Reports	Weekly	Information	N/A	C.2.1, <i>Incoming Transition</i>
TD-003	Initial Contractor Performance Baseline (CPB)	Within 30 Days After NTP	Approval – prior to start of operations	30 Days	C.2.1, <i>Incoming Transition</i> C.3.3.1.1, <i>Contractor Performance Baseline</i> H.17, DOE-H-2024, <i>Earned Value Management System</i>
TD-004	Interim CPB	Within 75 Days After NTP	Approval	30 Days	C.2.1, <i>Incoming Transition</i> C.3.3.1.1, <i>Contractor Performance Baseline</i> H.17, DOE-H-2024, <i>Earned Value Management System</i>
TD-005	Graded Approach for Implementation of Contract Requirements Plan	Prior to end of Transition	Approval	30 Days	C.2.1, <i>Incoming Transition</i>
TD-006	Declaration of Readiness	10 Days prior to end of Transition	Approval – prior to start of operations	Prior to End of Transition	C.2.1, <i>Incoming Transition</i>
TD-007	RESERVED				
TD-008	Acceptance of Accountability for High-Risk and Sensitive Property	Prior to end of transition	Information	N/A	C.2.1, <i>Incoming Transition</i>
TD-009	Worker Safety and Health Program (WSHP)	Within 30 Days After NTP	Approval – prior to start of operations	60 Days	C.3.2.1, <i>Worker Health and Safety</i> 10 CFR § 851, <i>Worker Safety and Health Program</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-010	ISM System Description	Within 60 Days After NTP	Approval – prior to start of operations	30 Days	C.3.2.2, <i>Integrated Safety Management</i> DEAR 970.5223-1, <i>Integration of Environment, Safety, and Health into Work Planning and Execution</i>
TD-011	Site Sustainability Plan (SSP)	Within 90 Days After NTP	Approval	30 Days	C.3.2.2, <i>Integrated Safety Management</i>
TD-012	Environmental Management System	Within 90 Days After NTP	Approval	30 Days	C.3.2.2, <i>Integrated Safety Management</i>
TD-013	Radiation Protection Program (RPP)	Within 60 Days After NTP	Approval – prior to start of operations	30 Days	C.3.2.3.1, <i>Radiation Protection Program</i> 10 CFR § 835, <i>Occupational Radiation Protection</i> DOE O 458.1, <i>Radiation Protection of the Public and the Environment</i>
TD-014	Environmental Radiological Protection Program (ERPP)	Within 60 Days After NTP	Approval – prior to start of operations	30 Days	C.3.2.3.2, <i>Environmental Radiological Protection</i> ; DOE O 458.1, <i>Radiation Protection of the Public and the Environment</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-015	Quality Assurance Program (QAP)	Within 40 Days After NTP	Approval – prior to start of operations	30 Days	C.3.2.5, <i>Quality Assurance</i> ; 10 CFR 830 Subpart A, <i>Nuclear Regulatory Commission</i> ; DOE O 414.1, <i>Quality Assurance</i> Section E, DOE-E-2001, <i>Inspection and Acceptance</i>
TD-016	Quality Assurance Implementation Plan (QIP)	Within 40 Days After NTP	Approval – prior to start of operations	30 Days	C.3.2.5, <i>Quality Assurance</i> 10 CFR 830 Subpart A, <i>Nuclear Regulatory Commission</i> DOE O 414.1, <i>Quality Assurance</i> E, DOE-E-2001, <i>Inspection and Acceptance</i>
TD-017	Contractor Assurance System (CAS) Description	Within 60 Days After NTP	Approval – prior to start of operations	60 Days	C.3.2.6, <i>Contractor Assurance System</i> DOE O 226.1, <i>Implementation of DOE Oversight Policy</i>
TD-018	Issues Management System	Within 60 Days After NTP	Approval – prior to start of operations	30 Days	C.3.2.7, <i>Issues Management System/ Occurrence Reporting</i> DOE O 414.1, <i>Quality Assurance</i> DOE O 226.1, <i>Implementation of DOE Oversight Policy</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-019	Transportation Safety Document	Within 30 Days After NTP	Approval – prior to start of operations	30 Days	C.3.2.10, <i>Waste Management and Pollution Prevention Program</i> DOE O 460.1, <i>Hazardous Materials Packaging and Transportation Safety</i>
TD-020	Waste Management Plan (WMP)	Within 60 Days After NTP; revise whenever changes are made that affect waste management thereafter.	Approval – prior to start of operations	30 Days	C.3.2.10, <i>Waste Management and Pollution Prevention Programs</i> DOE O 435.1, <i>Radioactive Waste Management</i>
TD-021	Risk Management Plan (RMP)	Within 45 Days After NTP	Information	30 Days	C.3.3.4, <i>Risk Management</i> DOE O 413.3B, <i>Program and Project Management for the Acquisition of Capital Assets</i>
TD-022	Project Management Plan (PMP)	Within 45 Days After NTP	Approval – prior to start of operations	30 Days	C.3.3.4, <i>Project Management and Risk Management Plans (PMP / RMP)</i> DOE O 413.3, <i>Program and Project Management for the Acquisition of Capital Assets</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-023	Records Management Program Plan	Within 60 Days After NTP	Approval – prior to start of operations	30 Days	C.3.9.1, <i>Records Management Program</i> DOE O 243.1, <i>Records Management Program</i>
TD-024	Vital/Essential Records Program	Within 60 Days After NTP	Approval – prior to start of operations	30 Days	C.3.9.1.3, <i>Essential Records Program</i> DOE O 243.1, <i>Records Management Program</i> 36 CFR Part 1223, <i>Managing Vital Records</i>
TD-025	Develop PF Section of the SSP	Coordinate with local ODSA, Within 45 Days After NTP	Approval ODFSA	30 Days	C.4.1.2, <i>Requirements</i>
TD-026	PF Training Plan	Within 45 Days After NTP	Approval ODFSA – prior to start of operations	30 Days	C.4.1.8, <i>Training</i>
TD-027	PF Physical Fitness Program Plan.	Within 45 Days After NTP	Approval ODFSA – prior to start of operations	30 Days	C.4.1.8, <i>Training</i>
TD-028	MC&A Plan	Within 60 Days After NTP	Approval ODFSA – prior to start of operations	30 Days	C.4.2.1, <i>MC&A Program</i> DOE O 474.2, <i>Nuclear Material Control And Accountability</i>
TD-029	Site Emergency Management Program Plan	Within 60 Days After NTP	Approval – prior to start of operations	30 Days	C.4.3.1, <i>Emergency Management</i> DOE O 151.1, <i>Comprehensive Emergency Management System</i>
TD-030	RESERVED				

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-031	Continuity of Operations Plan (COOP)	Within 60 Days After NTP	Approval – prior to start of operations	30 Days	C.4.3.1, <i>Emergency Management</i> DOE O 151.1, <i>Comprehensive Emergency Management System</i>
TD-032	RESERVED				
TD-033	Fire Hazard Analysis (FHA)	Within 30 Days After NTP	Approval – prior to start of operations	60 Days	C.4.3.3, <i>Fire Protection Services</i> DOE O 420.1, <i>Facility Safety, National Fire Protection Association</i>
TD-034	Fire Protection Plan	Within 30 Days After NTP	Approval – prior to start of operations	60 Days	C.4.3.3, <i>Fire Protection Services</i> DOE O 420.1, <i>Facility Safety, National Fire Protection Association</i>
TD-035	Baseline Needs Assessment(s) (BNA)	Within 60 Days After NTP	Approval – prior to start of operations	60 Days	C.4.3.3, <i>Fire Protection Services</i> DOE O 420.1, <i>Facility Safety, National Fire Protection Association</i>
TD-036	System Health Plan	Within 90 Days After NTP	Information	N/A	C.5.1, <i>Maintenance and Repair</i>
TD-037	RESERVED				
TD-038	AqHF Sale Evaluation	Within 12 months of AOO	Approval	30 Days	C.5.3.7.1, <i>Aqueous Hydrofluoric Acid</i>
TD-039	Conversion Product Management Plan	60 Days After NTP	Approval	30 Days After Submittal	C.5.3.7.2, <i>Conversion Product Management</i>
TD-040	Cylinder Surveillance and Maintenance (S&M) Plan	Within 60 Days After NTP	Approval – prior to start of operations	45 Days	C.5.6.1, <i>Cylinder Surveillance and Maintenance</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-041	Cylinder Disposition Plan	Within 90 Days After NTP	Approval	30 Days	C.8, <i>Disposition of UO, Heeled, and Empty Cylinders</i>
TD-042	Contractor's Total Compensation System – compensation practices and plans and benefit plans to set cost reimbursable guidelines	Prior to end of transition period	Review/Accept	30 Days	H.5, <i>DOE-H-2001 Employee Compensation: Pay and Benefits</i> FAR 31.205-6 DEAR 970.3102-0506
TD-043	RESERVED				
TD-044	List of Subcontractors That Are Required to Flow Down Continuation of Benefits to Grandfathered Employees	Within 60 Days after NTP	Information	N/A	H.5, <i>DOE-H-2001 Employee Compensation: Pay and Benefits</i>
TD-045	New Benefit Plan(s) (including market based) and Changes to Plan Design and Methodology	Within 45 Days After NTP	Approval – prior to the start of operations	10 Days	H.5, <i>DOE-H-2001 Employee Compensation: Pay and Benefits</i>
TD-046	RESERVED				
TD-047	Application for Contractor Compensation Approval for Key Personnel (DOE Form 3220.5)	Within 20 Days After NTP	Approval – prior to start of operations	30 Days	H.6, <i>Special Provisions Applicable to Workforce Transition and Employee Compensation: Pay and Benefits</i>
TD-048	List of Personnel Responsible for Transitioning Incumbent Workforce and Developing Transition Agreements	Within 10 Days After NTP	Information	N/A	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i> DEAR 952.226-74
TD-049	RESERVED				

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-050	Description of Workforce and Benefit Transition Agreements to include List of information requested from the Incumbent Contractor pertaining to workforce transition and to the existing benefit plans	Within 10 Days After NTP	Information	N/A	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i>
TD-051	Transition Agreements	Within 30 Days After NTP	Approval	30 Days	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i>
TD-052	RESERVED				
TD-053	Workforce Transition and Communication Plan (includes estimated costs and detailed breakouts of the costs to accomplish workforce transition)	Within 10 Days After NTP Resubmit if necessary to incorporate comments	Approval	5 days	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i>
TD-054	RESERVED				
TD-055	RESERVED				
TD-056	RESERVED				
TD-057	Hiring Preferences Report	Once incumbent job offers are made, weekly during Transition, or as requested by the CO	Information	N/A	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i>
TD-058	Benefits Transition Plan with estimated costs and detailed breakouts of the costs to accomplish benefit transition	Within 20 Days After NTP Resubmit if necessary to incorporate comments	Approval	5 Days	H.7, <i>Workforce Transition and Benefits: Plans and Timeframes</i>
TD-059	RESERVED				
TD-060	RESERVED				
TD-061	RESERVED				
TD-062	List of Contractor personnel responsible for the transition of existing benefit plans or the development of new benefit plans	Within 10 Days After NTP	Information	N/A	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i>
TD-063	RESERVED				
TD-064	RESERVED				

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-065	Minutes of Workforce Transition and/or Compensation Meetings with Incumbent Contractor	Within 2 Days After Meeting	Information	N/A	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i>
TD-066	Proposed final versions of any new defined benefit and defined contribution of the pension plans and other benefit plans	Within 30 Days After NTP, if Required	Information	N/A	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i>
TD-067	Restated benefit plans and draft Summary Plan Descriptions (SPDs) for pension and other benefit plans sponsored by the incumbent contractors	Within 60 Days After NTP, if Required	Information	N/A	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i>
TD-068	Final Version of the Documents provided in Section H.7(b)(2)(v)	No later than 60 Days After NTP, and Prior to Adoption or Execution	TBD	TBD	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i>
TD-069	RESERVED				
TD-070	Project Control System Procedures	During Contract Transition Period	Approval – prior to start of operations	TBD	H.17, <i>DOE-H-2024 Earned Value Management System (Mar 2019) (Revised)</i>
TD-071	Organizational Conflict of Interest Management Plan	Within 15 Days After NTP	Approval – prior to start of operations	15 Days	H.29, <i>DOE-H-2035 Organizational Conflict of Interest Management Plan</i> DEAR 952.209-72
TD-072	RESERVED				
TD-073	RESERVED				
TD-074	Initial Parent Organization Support Plan if parent organization support is proposed.	No Later than 90 Days After NTP	Approval	30 Days	H.52, <i>Parent Organization Support</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-075	Litigation Management Plan	Within 60 Days After NTP	Approval – prior to start of operations	30 Days	H.60, <i>Legal Management</i>
TD-076	Internal Audit Implementation Design, including overall strategy for Internal Audit	Within 60 Days After NTP	Approval	30 Days	I, DEAR 970.5232-3, <i>Accounts, Records, and Inspection</i>
TD-077	Unreviewed Safety Question Process Procedure	Within 60 Days After NTP	Approval – prior to start of operations	30 Days	10 CFR 830, <i>Nuclear Safety Management</i>
TD-078	Chronic Beryllium Disease Prevention Program	Within 30 Days After NTP	Approval – prior to start of operations	60 Days	10 CFR 850, <i>Chronic Beryllium Disease Prevention Program</i>
TD-079	Workplace Substance Abuse Program	Within 60 Days After NTP Resubmit if necessary to incorporate comments	Approval – prior to start of operations	30 Days	DOE O 350.1, <i>Contractor Human Resource Management Programs</i> ; I, FAR 52.223-6, <i>Drug Free Workplace</i> ; 10 CFR 707, <i>Workplace Substance Abuse Programs at DOE Sites</i>
TD-080	Conduct of Operations Matrix	Within 60 Days After NTP	Approval – prior to start of operations	15 Days After Submittal	DOE O 422.1, <i>Conduct of Operations</i>
TD-081	Procedure for Granting Exceptions to Training Requirements	Within 60 Days After NTP	Approval – prior to start of operations	15 Days	DOE O 426.2, <i>Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-082	Training Program Plan or Training Implementation Matrix	Within 60 Days After NTP	Approval – prior to start of operations	15 Days	DOE O 426.2, <i>Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities</i>
TD-083	Nuclear Maintenance Management Program Description	Within 60 Days After NTP	Approval	60 Days	DOE O 433.1, <i>Maintenance Management Program for DOE Nuclear Facilities</i>
TD-084	Employee Concerns Program	Within 60 Days After NTP	Information	N/A	DOE O 442.1B, <i>Department of Energy Employee Concerns Program</i>
TD-085	Safety Culture Sustainment Plan (SCSP)	Within 60 Days After NTP	Approval	30 Days	DOE P-450.4A, <i>Integrated Safety Management Policy</i>
TD-086	Accounting System Description	Within 60 Days After NTP	Approval	30 Days	H.18, DOE-H-2025 <i>Accounting System Administration</i>
TD-087	Purchasing System Description	Within 60 Days After NTP	Approval	30 Days	H.19, DOE-H-2026 <i>Contractor Purchasing System Administration</i>
TD-088	Nuclear Criticality Safety Program	Within 60 days after NTP	Approval – prior to start of operations	30 Days After Submittal	DOE O 420.1C- <i>Facility Safety</i>
TD-089	Onsite Transportation Plan	Within 60 days after NTP and As Required by DOE Order	Approval – prior to start of operations	30 Days After Submittal	DOE O 460.2A- <i>Departmental Materials Transportation and Packaging Management</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
TD-090	Post-NTP Affirmative Action Plan for Veterans & Individuals with Disabilities	Within 30 Days After NTP	Information	N/A	I, FAR 52.222-35 <i>Equal Opportunity for Veterans</i> , I, FAR 52.222-36 <i>Equal Opportunity for Workers with Disabilities</i> 41 CFR 60
TD-091	Employee Assistance Program	Within 60 Days After NTP Resubmit if necessary to incorporate comments	Approval – prior to start of operations	30 Days	DOE O 350.1, <i>Contractor Human Resource Management Programs</i> ; I, FAR 52.223-6, <i>Drug Free Workplace</i> ; 10 CFR 707, <i>Workplace Substance Abuse Programs at DOE Sites</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-001	Phase Out Transition Plan	At least 180 Days prior to end of period of performance	Approval	30 Days	C.2.2, <i>Outgoing Transition and Closeout</i>
D-002	Deliverable Schedule	Within 130 Days After NTP	Information	30 Days	C.3.1, <i>General Administration</i>
D-003	Eliminate all blue-sheeted procedures and performance documents	Within 365 Days After Conclusion of Transition	Information	N/A	C.3.1, <i>General Administration</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-004	WSHP Update	Annually, or as Required	Approval	30 Days	C3.2.1, <i>Worker Health and Safety</i> 10 CFR § 851, <i>Worker Safety and Health Program</i> DEAR 970.5204-2
D-005	ES&H Reporting (which includes electronic submission of injury and illness reports using CAIRS)	Quarterly	Information	30 Days	C.3.2.1, <i>Worker Health and Safety</i> DOE O 231.1, <i>Environment, Safety, and Health Reporting</i>
D-006	Individual Accident/Incident Reports (electronic data submission)	On or before the 15 th , and the last working day of each month	Information	N/A	C.3.2.1, <i>Worker Health and Safety</i>
D-007	Contractor's ISMS Verification Review and Report	Within 121 Days After Transition	Approval	TBD	C.3.2.2, <i>Integrated Safety Management</i> DEAR 970.5223-1, <i>Integration of Environment, Safety, and Health into Work Planning and Execution</i>
D-008	ISM System Performance Objectives, Measures, and Commitments (POMCs)	Annually	Approval	30 Days	C.3.2.2, <i>Integrated Safety Management</i> 48 CFR 970.522.3-1

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-009	ISMS effectiveness review and report	Biannual	Information	N/A	C.3.2.2, <i>Integrated Safety Management</i> DEAR 970.5223-1, <i>Integration of Environment, Safety, and Health into Work Planning and Execution</i>
D-010	Radiation Protection Program Update	Annually, and at least 90 days prior to implementing significant changes	Approval	30 Days	C.3.2.3.1, <i>Radiation Protection Program</i> 10 CFR § 835, <i>Occupational Radiation Protection</i> DOE O 458.1, <i>Radiation Protection of the Public and Environment</i>
D-011	Environmental Radiological Protection Program Update	Annually, and at least 90 days prior to implementing significant changes	Approval	30 Days	C.3.2.3.2, <i>Environmental Radiological Protection</i> DOE O 458.1, <i>Radiation Protection of the Public and the Environment</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-012	QAP Update	Annually	Approval	30 Days	C.3.2.5, <i>Quality Assurance</i> 10 CFR 830 Subpart A, <i>Nuclear Regulatory Commission</i> DOE O 414.1, <i>Quality Assurance</i> Section E, DOE-E-2001, <i>Inspection and Acceptance</i>
D-013	CAS Description Update	Annually	Approval	30 Days	C.3.2.6, <i>Contractor Assurance System</i> DOE O 226.1, <i>Implementation of DOE Oversight Policy</i>
D-014	CAS Reports	Quarterly	Approval	30 Days	C.3.2.6, <i>Contractor Assurance System</i> DOE O 226.1, <i>Implementation of DOE Oversight Policy</i>
D-015	Issues Status Report	Monthly	Information	N/A	C.3.2.7, <i>Issues Management System/ Occurrence Reporting</i> DOE O 414.1, <i>Quality Assurance</i> DOE O 226.1, <i>Implementation of DOE Oversight Policy</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-016	Occurrence Reporting Processing System (ORPS) Reports (electronic reporting to DOE system)	As Required	Information	N/A	<i>C.3.2.7, Issues Management System/Occurrence Reporting</i>
D-017	LLW/MLLW volumes for prior year actual and forecast shipments	Annually	Information	N/A	<i>C.3.2.10, Waste Management and Pollution Prevention Programs</i>
D-018	Recycle Report	Annually by November 1	Information	N/A	<i>C.3.2.10, Waste Management and Pollution Prevention Programs</i> DOE O 435.1 DOE M 435.1-1
D-019	Post-NTP Regulatory and Permitting Management Plan	60 Days After Notice to Proceed	Approval	30 Days After Submittal	<i>C.3.2.11, Environmental Monitoring and Reporting</i>
D-020	Annual Regulatory and Permitting Management Plan	Annual review and update as appropriate thereafter	Approval	30 Days After Submittal	<i>C.3.2.11, Environmental Monitoring and Reporting</i>
D-021	Full CPB	Within 300 Days After NTP	Approval	30 Days	<i>C.3.3.1.1, Contractor Performance Baseline</i>
D-022	Submit Monthly Spend Plan Reports	Monthly – no later than the 8th business day prior to the end of each calendar month	Approval	TBD	<i>C.3.3.1.2 Requirements</i>
D-023	Submit Annual Spend Plans	Annually by August 15	Approval	TBD	<i>C.3.3.1.2 Requirements</i>
D-024	Request for Contract Change Proposal (if change to contract scope is needed)	Within Time Frame Specified by the CO	Approval	30 Days After Submittal	<i>C.3.3.1.2, Requirements</i>
D-025	Performance Report	Monthly, within 10 business days following the end of each calendar month	Approval	5 Days	<i>C.3.3.2, Monthly Performance Report</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-026	Annual Work Plan	Annually, by July 15 th	Approval	30 Days	C.3.3.2, <i>Monthly Performance Report</i>
D-027	Cost Estimates	As Required	Approval	30 Days	C.3.3.3, <i>Cost Estimating GAO-20-195, GAO Cost Estimating and Assessment Guide</i>
D-028	Press Release	At least 10 Days prior to planned issue date	Approval	TBD	C.3.3.5, <i>Project Support Activities</i>
D-029	Updates/responses to Citizens Advisory Board	As Required	Information	N/A	C.3.3.5, <i>Project Support Activities</i>
D-030	Self-Assessment documenting the compliance with IT/Cyber Security requirements	Annually	Information	N/A	C.3.4.1.4 <i>Corporate Requirements</i> NIST SP 800-171 <i>Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations</i>
D-031	MC&A/PF Security Self-Assessments and Any Resulting Corrective Action Plans (Paducah)	Annually on a schedule agreed upon by the site ODSA	Information	N/A	C.3.5, <i>Security Programmatic Support</i>
D-032	MC&A/PF Security Self-Assessments and Any Resulting Corrective Action Plans (Portsmouth)	Annually on a schedule agreed upon by the site ODSA	Information	N/A	C.3.5, <i>Security Programmatic Support</i>
D-033	Chemical List for DBT PLs	Annually by August 15 th	Approval ODFSA	TBD	C.3.5, <i>Security Programmatic Support</i> C.4.3.1, <i>Emergency Management</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-034	Quarterly Site Services Request	Quarterly	Approval	60 Days	C.3.6, <i>Management of Site Services and Interfaces</i>
D-035	Annual Site Services Request	Annually by June 30	Approval	60 Days	C.3.6, <i>Management of Site Services and Interfaces</i>
D-036	Real Estate Proposals	As Required	Approval	30 Days	C.3.8.1, <i>Real Property Management</i> H.65, <i>Real Property Asset Management</i>
D-037	Other Real Property Reporting-DOE Requested Information	As Required	Approval	7 Days	C.3.8.1, <i>Real Property Management</i>
D-038	Maintenance Management Program	Within 210 Days After NTP	Approval	30 Days	C.3.8.1, <i>Real Property Management</i>
D-039	Facilities Information Management System (FIMS) Validation	Annually	Approval	30 Days	C.3.8.1, <i>Real Property Management</i>
D-040	Condition Assessments Survey	Annually	Approval	30 Days	C.3.8.1, <i>Real Property Management</i>
D-041	Report of Annual Physical Inventory Results	Annually, by September 30 th	Information	N/A	C.3.8.2, <i>Personal Property</i> FAR 52.245-1(f)(iv) 41 CFR 109-1.5110(k)
D-042	Report of Loss, Damage, Destruction or Theft	Per Occurrence	Approval	30 Days	C.3.8.2, <i>Personal Property</i> FAR 52.245-1(f)(vii) 41 CFR 109-1.5113
D-043	Property Information Database System (PIDS)	Annually, by December 1 st	Information	N/A	C.3.8.2, <i>Personal Property</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-044	GSA Report of Sales and Exchanges	Annually, within 90 calendar days after the close of each fiscal year	Information	N/A	C.3.8.2, <i>Personal Property</i> 41 CFR 102-39.85
D-045	Motor Vehicle Fleet Reports (FAST)	As Required	Information	N/A	C.3.8.2, <i>Personal Property</i> 41 CFR 109
D-046	Property Management System Plans and Procedures	60 Days after Contract performance start and any subsequent significant revisions	Approval	30 Days	C.3.8.2, <i>Personal Property</i> 41 CFR 109-1.5201(b) 41 CFR 109-1.5205 H.20, <i>DOE-H-2027 Contractor Property Management System Administration</i>
D-047	Final Property Reports for Physically Completed or Terminated Contracts	As Required, 60 days prior to contract completion or upon notice of termination	Information	N/A	C.3.8.2, <i>Personal Property</i> FAR 52.245-1(f)(x)
D-048	Special Reports for Motor Vehicles	As Required	Information	N/A	C.3.8.2, <i>Personal Property</i> 41 CFR 109
D-049	GSA Report of Property Furnished to Non- Federal Activities	Annually, within 90 calendar days after the close of each fiscal year	Information	N/A	C.3.8.2, <i>Personal Property</i> 41 CFR 102-36.295
D-050	Fleet Management Reports	Annually	Information	N/A	C.3.8.3, <i>Fleet Management</i> 41 CFR Part 102-34, <i>Motor Vehicle Management Subpart J</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-051	Records Management Data Calls	As Requested	Approval	30 Days After Submittal	C.3.9, <i>Records Management</i>
D-052	Essential Records Inventory	Annually	Approval	45 Days	C.3.9.1.3, <i>Essential Records Program</i> 36 CFR Part 1236, <i>Electronics Records Management</i>
D-053	Contaminated Records Plan	60 Days After Discovery	Approval	30 Days	C.3.9.3.4 <i>Contaminated Records</i>
D-054	Records Disposition Plan	Within 60 Days After NTP	Approval	30 Days	C.3.9.4, <i>Records Disposition</i>
D-055	Develop PF Section of the SSP	Coordinate with ODSA for annual date of delivery	Approval ODFSA	30 Days	C.4.1.2, <i>Requirements</i>
D-056	PF Comprehensive Site Self-Assessment Report	Annually	Information	N/A	C.4.1.2, <i>Requirements</i>
D-057	Force-on-Force After Action Reports	45 Days After Completion of the FoF Action	Information	N/A	C.4.1.2, <i>Requirements</i>
D-058	PF Corrective Action Plans	45 Days After Completion of the FoF Action, and then as Required	Information	N/A	C.4.1.2, <i>Requirements</i>
D-059	Post-NTP Security Incident Response Plans (SIRP)	Within 60 Days After NTP	Approval ODFSA	30 Days	C.4.1.2, <i>Requirements</i>
D-060	Annual Security Incident Response Plans (SIRP)	Annually	Approval ODFSA	30 Days	C.4.1.2, <i>Requirements</i>
D-061	Security Police Officer Overtime Report	Quarterly	Information	30 Days	C.4.1.2, <i>Requirements</i>
D-062	Security MOUs for Local Law Enforcement Support	Within 130 Days After NTP	Approval ODFSA	N/A	C.4.1.2, <i>Requirements</i>
D-063	Security MOUs for Local Law Enforcement Support	Annually, and as Revised	Approval ODFSA	N/A	C.4.1.2, <i>Requirements</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-064	PF Staffing Plan	Within 60 Days After NTP	Approval ODFSA	30 Days	C.4.1.3, <i>Management Requirements</i> 10 CFR 1046, <i>Medical, Physical Readiness, Training, and Access Authorization Standards for Protective Force Personnel</i> DOE O 473.2, <i>Protective Force Operations</i>
D-065	PF Staffing Plan	Annually	Approval ODFSA	30 Days	C.4.1.3, <i>Management Requirements</i> 10 CFR 1046, <i>Medical, Physical Readiness, Training, and Access Authorization Standards for Protective Force Personnel</i> DOE 473.2, <i>Protective Force Operations</i>
D-066	FoF Exercise Scenarios and Plans	Annually	Approval ODFSA	30 Days	C.4.1.7, <i>Planning</i>
D-067	Emergency Management Training Exercise Plan	Annually, by December 31 st	Approval	30 Days	C.4.1.7, <i>Planning</i>
D-068	Performance Test Data	As Requested by ODSA or ODFSA	Information	30 Days	C.4.1.7, <i>Planning</i>
D-069	PF Training Plan	Annually	Approval ODFSA	30 Days	C.4.1.8, <i>Training</i>
D-070	PF Physical Fitness Program Plan.	Annually	Approval ODFSA	30 Days	C.4.1.8, <i>Training</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-071	RESERVED				
D-072	MC&A Plan	When substantive changes occur and/or Annually	Approval ODFSA	30 Days	C.4.2.1, MC&A Program DOE O 474.2, Nuclear Material Control And Accountability
D-073	MC&A Group Staffing Plan	Annually	Approval ODFSA	TBD	C.4.2.1, MC&A Program
D-074	MC&A Training Plan	Annually	Approval ODFSA	TBD	C.4.2.1, MC&A Program
D-075	NMMSS Reports	As Requested	Information	30 Days	C.4.2.3, Support Activities
D-076	Site Emergency Management Program Plan	Annually	Review	30 Days After Submittal	C.4.3.1, Emergency Management DOE O 151.1, Comprehensive Emergency Management System
D-077	Site Emergency Management Program Plan	Every Three Years	Approval	30 Days After Submittal	C.4.3.1, Emergency Management DOE O 151.1, Comprehensive Emergency Management System
D-078	Emergency Planning Hazard Assessments (EPHA)	At least every three years or whenever a major change affecting the hazards occur	Approval	30 Days After Submittal	C.4.3.1, Emergency Management DOE O 151.1, Comprehensive Emergency Management System
D-079	Emergency Action Levels (EALs)	As Required	Information	N/A	C.4.3.1, Emergency Management

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-080	Emergency Readiness Assurance Plan (ERAP)	Annually by October 15 th	Approval	30 Days	C.4.3.1, <i>Emergency Management</i> DOE O 151.1, <i>Comprehensive Emergency Management System</i>
D-081	Continuity of Operations Plan (COOP)	As revised	Approval	30 Days	C.4.3.1, <i>Emergency Management</i> DOE O 150.1, <i>Continuity Programs</i>
D-082	Continuity Readiness Assurance Report (CRAR)	Annually by October 15 th	Approval	60 Days	C.4.3.1, <i>Emergency Management</i> DOE O 151.1, <i>Comprehensive Emergency Management System</i>
D-083	Emergency Response Mutual Aid Agreements	Within 130 Days After NTP	Information	N/A	C.4.3.1, <i>Emergency Management</i>
D-084	Emergency Response Mutual Aid Agreements	Annually, and as Changed	Information	N/A	C.4.3.1, <i>Emergency Management</i>
D-085	Fire Hazard Analysis Update	Every Three Years	Approval	60 Days	C.4.3.3, <i>Fire Protection Services</i> DOE O 420.1, <i>Facility Safety</i>
D-086	Fire Protection Plan Update	Every Three Years	Approval	60 Days	C.4.3.3, <i>Fire Protection Services</i> DOE O 420.1, <i>Facility Safety</i>
D-087	Self-Assessment of Fire Protection Program	Every Three Years	Approval	60 Days	C.4.3.3, <i>Fire Protection Services</i> DOE O 420.1, <i>Facility Safety</i>
D-088	Baseline Needs Assessment(s)	Every Three Years and as Revised	Approval	60 Days	C.4.3.3, <i>Fire Protection Services</i> DOE O 420.1, <i>Facility Safety</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-089	Fire Protection System Impairment Strategy	As Required	Information	N/A	C.4.3.3, <i>Fire Protection Services</i> DOE O 420.1, <i>Facility Safety</i>
D-090	Formally report any fire impairments that exceed 90 days from discovery	Within 7 calendar days of the exceedance	Information	N/A	C.4.3.3, <i>Fire Protection Services</i>
D-091	Formally report any fire impairments that exceed 180 days from discovery, including compensatory measures and corrective actions with a completion schedule	Within 7 calendar days of the exceedance	Information	N/A	C.4.3.3, <i>Fire Protection Services</i>
D-092	Submit Roof Integrity Assessment	Within 60 days after DOE Approval of Facilities List and annually thereafter	Approval	N/A	C.4.4, <i>Surveillance and Maintenance</i>
D-093	Burn Plan for the X-611A	Every Three Years	Information	N/A	C.4.4, <i>Surveillance and Maintenance, ISMP and DFFO Integration</i>
D-094	Permits to Install	As Required	Approval	TBD	C.4.10, <i>PORTS Utility Service</i>
D-095	Permits Otherwise Required	As Required	Approval	TBD	C.4.10, <i>PORTS Utility Service</i>
D-096	PORTS Rail and Trestle Inspection Reports	Annually, within five (5) business days after completion	Information	N/A	C.4.10.8, <i>Rail System</i> 49 CFR § 237, <i>Bridge Safety Standards</i> AREMA DOE O 437.1, <i>Bridge and Tunnel Management</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-097	Post-Transition List of facility meters added or deleted	Within 12 months after transition is complete	Information	N/A	C.4.11, <i>PAD Utility Services</i>
D-098	List of facility meters added or deleted	Annually	Information	N/A	C.4.11, <i>PAD Utility Services</i>
D-099	As-built Drawing Status	Annually, by October 1 st	Information	N/A	C.4.11, <i>PAD Utility Service</i>
D-100	PORTS/PAD Railroad Service Schedule	When any changes or updates are made	Approval	TBD	C.4.11.1, <i>Water Systems</i> 49 CFR 213
D-101	RESERVED				
D-102	PAD Quarterly Site Power Projections	The 15th of January, April, July, and October for each preceding quarter	Information	N/A	C.4.11.3, <i>Electrical Services</i>
D-103	PAD Rail and Trestle Inspection Reports	Annually, Within five (5) business days after completion	Information	N/A	C.4.11.5, <i>Rail System</i> 49 CFR § 237, <i>Bridge Safety Standards</i> AREMA DOE O 437.1, <i>Bridge and Tunnel Management</i>
D-104	Conversion Facilities Operation and Maintenance Plan	Within 180 Days After NTP	Approval	45 Days	C.5.0, <i>UF6 Operations</i>
D-105	RESERVED				
D-106	Nuclear Maintenance Management Program Updates	Every Three Years or as Required	Approval	60 Days	C.5.1, <i>Maintenance and Repair</i> DOE O 433.1, <i>Maintenance Management Program for DOE Nuclear Facilities</i> H.65, <i>Real Property Asset Management</i>
D-107	System Health Reports	Quarterly	Information	N/A	C.5.1, <i>Maintenance and Repair</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-108	Independent Assessment of System Health	Every Three Years	Approval	60 Days	C.5.1, <i>Maintenance and Repair</i>
D-109	Cylinder Movement Report	Quarterly	Approval	45 Days	C.5.3, <i>Cylinder Processing</i>
D-110	RESERVED				
D-111	RESERVED				
D-112	Uranium Oxide Market Research	Annually	Approval	30 Days	C.5.3.7, <i>By-Product Management</i>
D-113	Conversion Product Management Plan	Revise whenever changes are made that effect product management thereafter	Approval	30 Days After Submittal	C.5.3.7.2, <i>Conversion Product Management</i>
D-114	RESERVED				
D-115	RESERVED				
D-116	RESERVED				
D-117	Cylinder S&M Plan Update	Annually	Approval	30 Days	C.5.6.1, <i>Cylinder Surveillance and Maintenance</i>
D-118	Cylinder Yard Inspection	As Requested	Information	N/A	C.5.6.1, <i>Cylinder Surveillance and Maintenance</i>
D-119	Cylinder Information Database	As Requested	Information	N/A	C.5.6.2, <i>Cylinder Information Database Management</i>
D-120	CID Configuration Management Procedure	As updated	Information	N/A	C.5.6.2, <i>Cylinder Information Database Management</i>
D-121	UOx Cylinder Database	As Requested	Information	N/A	C.5.6.2, <i>Cylinder Information Database Management</i>
D-122	Improvement Planning Process	Within 240 days after NTP	Information	N/A	C.6, <i>Plant Improvement(s)/ Modifications</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-123	Improvement Planning Process	As Required	Information	N/A	C.6, DUF6 Plant Improvement(s)/ Modifications
D-124	Process and Safety Improvement Project Report	Annually by July 15	Information	N/A	C.6, DUF6 Plant Improvement(s)/ Modifications
D-125	Value Engineering Assessment	As Needed	DOE Review and Information	N/A	C.6.3, Value Engineering
D-126	Non-Cylinder DUOX Inventory Report.	Semi-Annually	Information	N/A	C.7.4, DUOX Waste Generated at DUF6 Conversion Facilities
D-127	Cylinder Disposition Plan	Revise Annually, as Required	Approval	30 Days	C.8, Disposition of UO, Heeled, and Empty Cylinders
D-128	Post Retirement Benefit Management Plan (PRB)	Annually in iBenefits by January 31	DOE Review and Information	N/A	H.5, DOE-H-2001 Employee Compensation: Pay and Benefits (Oct 2017)(Revised)
D-129	RESERVED				
D-130	RESERVED				
D-131	Annual Compensation and Benefits Report (CABR) (previously called the Report of Contractor Expenditures for Employee Supplementary Compensation)	Annually per iBenefits no later than March 15.	Information	per iBenefits	H.5, DOE-H-2001 Employee Compensation: Pay and Benefits
D-132	Contractor's Total Compensation System	Upon revision of any provision or new plan or as required by CO	Review/Accept	30 Days	H.5, DOE-H-2001 Employee Compensation: Pay and Benefits FAR 31.205-6 DEAR 970.3102-0506

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-133	Compensation CAP Report (5 highest paid)	Annually by March 1	Information	N/A	FAR 31.205-6, DEAR 970.3102.506
D-134	Top Contractor Official and Key Personnel Salary	Within 30 days prior to effective date of salary action	Approval	30 Days	H.5, DOE-H-2001, Employee Compensation: Pay and Benefits
D-135	RESERVED				
D-136	RESERVED				
D-137	RESERVED				
D-138	Audit Report of Pension Plan	Annually, not later than due date for filing IRS Form 5500	Information	N/A	Employee Retirement Income Security Act (ERISA) Section 103
D-139	Timely Data Responses to Departmental Annual and Ad Hoc Pension, PRB, and Benefit Plan Data Requests	Upon Contracting Officer request	Information	N/A	H.7, Workforce Transition and Benefits Transition: Plans and Timeframes
D-140	Pension Management Plan/PRB	Annually per iBenefits by February 15 of each applicable year	Information	N/A	H.5, DOE-H-2001, Employee Compensation: Pay and Benefits
D-141	RESERVED				
D-142	RESERVED				
D-143	RESERVED				
D-144	Proposed Changes to Pension Plans and Benefits Plans	At least 60 days prior to proposed revisions	Approval	60 Days	H.5, DOE-H-2001, Employee Compensation: Pay and Benefits
D-145	Any Changes or Amendments to the DUF6 Pension Plan for Grandfathered Employees	Prior to adoption of any change	Approval	30 Days	H.5, DOE-H-2001, Employee Compensation: Pay and Benefits
D-146	RESERVED				
D-147	Pension and Other Benefit Programs Data Submittals	per iBenefits by February 15 of each applicable year	Information	N/A	H.5, DOE-H-2001 Employee Compensation: Pay and Benefits

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-148	Final Version of the Benefit Plan Documents including but not limited to SPDs, applicable amendments, employee handbooks and similar documents - Section H.7(B)(2)(e)	Upon Revision	Information	N/A	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i>
D-149	Semi-Annual Report on Grievances for which Further Judicial or Administrative Proceedings are anticipated and all Final Grievances	June 30 and December 31 of Each Year	DOE Review and Information	N/A	H.9, <i>DOE-H-2028 Labor Relations (October 2014)(Revised)</i>
D-150	Notification of Labor Disputes, Unfair Labor Practice and Relevant Information	Upon Occurrence	Information	N/A	FAR 52.222-1; H.9, <i>DOE-H-2028 Labor Relations (October 2014)(Revised)</i>
D-151	Collective Bargaining Agreement Economic Bargaining Parameters	60-90 days prior to entering the collective bargaining process	Approval	60-90 Days	H.9, <i>DOE-H-2028, Labor Relations</i>
D-152	Labor Relations Report of Settlement Quarterly	Per iBenefits or quarterly following CBA/MOA/MOU ratification	Information	N/A	H.9, <i>DOE-H-2028, Labor Relations</i>
D-153	RESERVED				
D-154	Workforce Restructuring Reports in iBenefits	Per iBenefits	Information	N/A	H.10, <i>Workforce Restructuring</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-155	Adverse Impact Analysis of Involuntary Separation [under approved Workforce Reduction (WFR) Plan]	As Required with approved WFR Plan	Approval	10 Days	Section H.10, <i>Workforce Restructuring</i>
D-156	Request for Labor Standards Determination	As Required	Review	10 Days	H.11, <i>Labor Standards</i>
D-157	Standard Form 98 (e98), Notice of Intention to Make a Service Contract and Response Notice	Upon determination of subcontract being covered by Service Contract Labor Standards	Information	N/A	H.11, <i>Labor Standards</i>
D-158	Worker's Compensation Insurance	Prior to initial implementation and upon any changes thereto	Approval	30 Days	H.12, <i>DOE-H-2003 Workers' Compensation Insurance</i>
D-159	Copy of Insurance Policies or Insurance Arrangements	Within 30 days of purchase and upon renewal	Information	N/A	H.13, <i>DOE-H-2073 Risk Management and Insurance Programs</i> ; I, FAR 52.228-5, <i>Insurance</i>
D-160	Insurance Cost, Self-Insurance Charges, and Experience Report	Annually, end of policy year	Information	N/A	H.13, <i>DOE-H-2073 Risk Management and Insurance Programs</i>
D-161	Semi-Annual Report on Overtime Use	By January 15 and July 15	Information	N/A	H.14, <i>Overtime Control Reporting</i> FAR 52.222-2

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-162	Contractor responses to significant business system deficiencies and corrective action plans	Within 30 days of receipt of initial determination of significant deficiencies; correction of significant deficiencies or submission of an acceptable corrective action plan required within 45 days of receipt of final determination of significant deficiencies	Information	N/A	H.15, DOE-H-2022 Contractor Business Systems (Oct 2014)(Revised) H.16, DOE-H-2023 Cost Estimating System Requirements (Oct 2014)(Revised) H.17, DOE-H-2024 Earned Value Management System (Mar 2019)(Revised) H.18, DOE-H-2025 Accounting System Administration (Oct 2014)(Revised) H.19, DOE-H-2026 Contractor Purchasing System Administration (Oct 2014)(Revised)
D-163	Cost Estimating System Disclosure	Within 60 Days After NTP	Information	N/A	H.16, DOE-H-2023 Cost Estimating System Requirements
D-164	Earned Value Management System Description	At least 30 days prior to implementation	Approval	TBD	H.17, DOE-H-2024 Earned Value Management System

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-165	Contract Performance Measurement Baseline - Updates	Update as Required	Approval	TBD	H.17, DOE-H-2024 Earned Value Management System
D-166	Lifecycle Performance Measurement Baseline with outyear planning packages, including WBS dictionary.	Update as Required	Approval	TBD	H.17, DOE-H-2024 Earned Value Management System
D-167	Project Management Cost Performance Reports for Input to Project Assessment Reporting System II (PARS II)	Monthly, as required	Information	No later than the last workday of the following month	H.17, DOE-H-2024 Earned Value Management System, DOE O 413.3, Program and Property Management for the Acquisition of Capital Assets
D-168	Baseline Change Proposals	As Generated Requiring DOE Approval.	Approval	As Generated	H.17, DOE-H-2024 Earned Value Management System
D-169	Baseline Change Proposal Log (Contract Budget Log)	Monthly - 10 Working Days After Business Month Ends	Information	In Accordance With Monthly Period End Schedule	H.17, DOE-H-2024 Earned Value Management System
D-170	RESERVED				
D-171	RESERVED				
D-172	RESERVED				
D-173	RESERVED				
D-174	Privacy Act System of Records	Annually	Approval	30 Days After Submittal	H.24, DOE-H-2018 Privacy Act Systems of Records (Oct 2014)(revised)

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-175	Annual Plan for Community Commitment Activity	Annually; Report on success semi-annually	Approval	30 Days After Submittal	H.32, DOE-H-2045 <i>Contractor Community Commitment (Oct 2014)(Revised)</i>
D-176	RESERVED				
D-177	RESERVED				
D-178	Advance Notification of Intent to Award Teaming Subcontractor	Prior to award of subcontract	Approval	N/A	H.36, DOE-H-2058 <i>Designation and Consent of Teaming Subcontracts (Oct 2014) (Revised)</i>
D-179	Key Personnel Change	Prior to proposed change date	Approval	TBD	H.43, DOE-H-2070 Key Personnel – Alternate I (Oct 2014) (Revised) <i>HCA Directive 7.0</i>
D-180	DOE order review for addition/deletion and any impact for implementation	Quarterly	Information	30 Days	H.44, DOE-H-2071 <i>Department of Energy Directives</i>
D-181	Individual Small Business Subcontracting Plan	Prior to the Beginning of Each Government Fiscal Year	Approval	30 Days After Submittal	H.50, Task Ordering Procedure (Revised)(Applies to IDIQ CLINs only)
D-182	Parent Organization Support Plan if parent organization support is proposed.	30 days prior to commencement of parent organization support 60 days prior to start of each year of contract performance	Approval	30 Days	H.52, Parent Organization Support

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-183	EEOICPA Records	As Requested	Information	N/A	H.54, <i>Energy Employees Occupational Illness Compensation Program Act</i>
D-184	Legal Budget Report	Within 30 Days of the Period Covered by Each Annual Legal Budget	Approval	30 Days After Submittal	H.60, <i>Legal Management</i>
D-185	PAAA Compliance Plan and Reporting Process	As Requested	Information Only	Information Only	H.60, <i>Legal Management</i>
D-186	Post-NTP GFS/I Request	Within 30 Days After NTP	Approval	Within 15 Calendar Days	H.62, <i>Interface and Cooperation with Other Site Contractors/Entities</i>
D-187	RESERVED				
D-188	RESERVED				
D-189	Real Property Asset Management Five-Year Site Plan	Annually	Approval	30 Days	H.65, <i>Real Property Asset Management</i>
D-190	Annual Indirect Billing Rates	Annually	Approval	N/A	I.43, <i>Allowable Cost and Payment (Aug 2018), as modified by DEAR 952.216-7</i> FAR 52.216-7
D-191	Material Safety Data Sheet	As Required	Information	N/A	I.95, <i>Hazardous Material Identification and Material Safety Data (Feb 2021) – Alt I (Jul 1995)</i> FAR 52.223-3
D-192	Consent to Subcontract	As Required	Approval	TBD	I.176, <i>Subcontracts (Jun 2020) – Alt I (Jun 2020)</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-193	Overtime Control Plan	As required (If established threshold is exceeded in a rolling 12-month period)	Approval	45 Days	H.14 Overtime Control Reporting, I, FAR 52.222-2, <i>Payment for Overtime Premiums</i>
D-194	RESERVED				
D-195	RESERVED				
D-196	Employer Information Report (Standard Form 100, EEO-1)	Annually, as Required	Information	N/A	I, FAR 52.222-26, <i>Equal Opportunity</i>
D-197	RESERVED				
D-198	RESERVED				
D-199	Affirmative Action Plan for Veterans & Individuals with Disabilities	Annually	Information	N/A	I, FAR 52.222-35 <i>Equal Opportunity for Veterans</i> , I, FAR 52.222-36 <i>Equal Opportunity for Workers with Disabilities</i> 40 CFR 60
D-200	Filing of VETS-4212 Federal Contractor Veterans' Employment Report	Annually, by September 30; or as Required	Information	N/A	I, FAR 52.222-37, <i>Employment Reports on Veterans</i>
D-201	Documented Safety Analysis (DSA) and Safety Basis Documents Updates	Annually	Approval	30 Days	10 CFR 830.204, <i>Documented Safety Analysis</i> DOE O 420.1, <i>Facility Safety</i>
D-202	Technical Safety Requirements (TSR)	Annually	Approval	30 Days	10 CFR 830.205, <i>Technical Safety Requirements</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-203	Employee Headcount and YTD Attrition Report; Actual total on-site contract count and subcontract count by non-bargained (by union) with detail as requested	Headcount Monthly, by 8 th day after end of month Attrition Quarterly by 8 th of month after end of quarter	Information	N/A	DOE-HQ, DOE-EM and EM Office reporting
D-204	All Hazard Surveys	At least every three years or whenever a major change affecting the hazards occur	Approval	30 Days After Submittal	DOE O 151.1, <i>Comprehensive Emergency Management System</i>
D-205	Site-Wide Threat and Hazard Identification Risk Assessment (THIRA)	Within 150 Days After NTP	Approval	30 Days	DOE O 151.1, <i>Comprehensive Emergency Management System</i>
D-206	Site-Wide Threat and Hazard Identification Risk Assessment (THIRA)	At least every three years or whenever a major change affecting the hazards occur	Approval	30 Days	DOE O 151.1, <i>Comprehensive Emergency Management System</i>
D-207	Scenario and Planning for Site Level Annual Emergency Management Training Exercise	Annual, by 30 days prior to exercise	Approval	30 Days	DOE O 151.1, <i>Comprehensive Emergency Management System</i>
D-208	Emergency Management Training Exercise Plan	Annual, by December 31 st	Approval	30 Days	DOE O 151.1, <i>Comprehensive Emergency Management System</i>
D-209	Workplace Substance Abuse Program Testing Semi-Annual Reports	Every 6 months (Jan-June, July-Dec, no later than January 30 and July 30)	Information	N/A	DOE O 350.1, <i>Contractor Human Resource Management Programs</i> ; 10 CFR 707, <i>Workplace Substance Abuse Programs at DOE Sites</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-210	Workforce Restructuring Plan and/or Communications Plan or advance Notification of Involuntary Separation that doesn't require a Workforce Restructuring Plan	60 days in advance of the first communication planned for employees and the public if involuntary 100+ impacted ; 30 business days in advance of the first communication planned for employees and the public if Voluntary Self Select	Approval	30 Days	DOE O 350.3, <i>Labor Standards Compliance, Contractor Labor Relations, and Contractor Workforce Restructuring Programs</i> ; H.10, <i>Workforce Restructuring</i>
D-211	Davis-Bacon Act Enforcement Report in iBenefits or Form OMB 1910-5165 (or current form)	Semi-annually by April 30 and October 31	Information	N/A	29 CFR 5.7(b), DOE O 350.3, <i>Labor Standards Compliance, Contractor Labor Relations, and Contractor Workforce Restructuring Programs</i> , H.11, <i>Labor Standards</i>
D-212	Nuclear Criticality Safety Program	As Required by DOE Order	Approval – prior to start of operations	30 Days After Submittal	DOE O 420.1- <i>Facility Safety</i>
D-213	Conduct of Operations Matrix Update	Every Three Years	Approval	30 Days After Submittal	DOE O 422.1, <i>Conduct of Operations</i>
D-214	Procedures to Implement DOE Order 425.1D CRD	Within 180 days after NTP	Review	30 Days After Submittal	DOE O 425.1, <i>Verification of Readiness to Start Up or Restart Nuclear Facilities</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-215	Training Program Plan or Training Implementation Matrix	As Required	Approval	30 Days	DOE O 426.2, <i>Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities</i>
D-216	Quarterly Employee Concerns Status Report	Quarterly	Information	N/A	DOE O 442.1, <i>Department of Energy Employee Concerns Program</i>
D-217	Annual Employee Concerns Status Report	Annually	Information	N/A	DOE O 442.1, <i>Department of Energy Employee Concerns Program</i>
D-218	SCSP Update	Annually	Approval	30 Days	DOE P-450.4, <i>Integrated Safety Management Policy</i>
D-219	Onsite Transportation Plan	As Required by DOE Order	Approval – prior to start of operations	30 Days After Submittal	DOE O 460.2- <i>Departmental Materials Transportation and Packaging Management</i>
D-220	Transportation Security Plan	As required by DOE Order	Approval	30 Days After Submittal	DOE O 460.2- <i>Departmental Materials Transportation and Packaging Management</i> ; 49 CFR172- <i>Hazardous Materials</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-221	Quarterly Deferred Maintenance Report	Quarterly, as required by DOE Memorandum	Information	N/A	PPPO letter PPPO-02-3014170-15B, Deferred Maintenance Report, August 15, 2015
D-222	RESERVED				
D-223	QA Effectiveness Review Declaration Report	Biennially	None	N/A	EM Memorandum "Fiscal Year 2018 Integrated Safety Management System and Quality Assurance Effectiveness Review Declaration" dated December 20, 2017
D-224	Open Burn Permit Application	Annually	Information	N/A	Ohio Administrative Code 3745-19-04 and 3745-19-05
D-225	Drinking Water Report	Monthly, by the 10 th	Information	N/A	Ohio Administrative Code 3745-81-31
D-226	License to Operate Public Water System Fee	Annually, by December 31 st	Information	N/A	Ohio Administrative Code 3745-7-17
D-227	North American Energy Reliability Corporation / Federal Energy Regulatory Commission (NERC/FERC) Submittals	As Required	Information	N/A	Reliability First and NERC Requirements
D-228	Federal Managers Financial Integrity Act Report	As Required	Information	N/A	Public Law 97-255

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-229	Acceptance of Accountability for High-Risk and Sensitive Property	Prior to end of transition	Information	N/A	C.2.2, <i>Outgoing Transition</i>
D-230	Workplace Substance Abuse Program	As required for program changes	Approval	30 Days	DOE O 350.1, <i>Contractor Human Resource Management Programs</i> ; I, FAR 52.223-6, <i>Drug Free Workplace</i> ; 10 CFR 707, <i>Workplace Substance Abuse Programs at DOE Sites</i>
D-231	Employee Assistance Program	As required for program changes	Approval	30 Days	DOE O 350.1, <i>Contractor Human Resource Management Programs</i> ; I, FAR 52.223-6, <i>Drug Free Workplace</i> ; 10 CFR 707, <i>Workplace Substance Abuse Programs at DOE Sites</i>
D-232	Preference in Hiring Reports	Upon CO Request	Information	N/A	H.7, <i>Workforce Transition and Benefits Transition: Plans and Timeframes</i>
D-233	Copies Collective Bargaining Agreements / Memorandum of Understanding/Agreement	Upon ratification of collective bargaining agreement or memorandum of understanding/agreement	Information	N/A	Section H.9, <i>DOE-H-2028 Labor Relations</i>

Deliverable Number	Deliverable Name	Frequency	DOE Action	Estimated DOE Response Time	Reference
D-234	Labor Relations Semi-Annual Report	Every 6 months – July 15 and January 15	Information	N/A	Section H.9, <i>DOE-H-2028 Labor Relations</i>
D-235	New Hire Service Credit – justification of critical position and/or skills, time applied	As required	Approval	30 days	Section H.6, <i>Special Provisions Applicable to Workforce Transition and Employee Compensation: Pay and Benefits</i>
D-236	IT Equipment Management Plan	Annually by June 1	Approval	30 Days	C.3.4.2.5, Paducah GDP Hardware
D-237	Site Software License Report	Annually by November 1	Approval	30 Days	C.3.4.2.12, Paducah GDP Portfolio Management Services
D-238	Wildland Fire Management Plan	Every 3 Years	Approval	30 days	C.4.3.3; DOE O 420.1

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J, ATTACHMENT J-5

PPPO Site Services and Interface Requirements Matrix

REVISION NUMBER: 1

REVISION DATE: September 23, 2025

The services listed in this Section J, Attachment J-5, *PPPO Site Services and Interface Requirements Matrix*, (hereinafter the J-5 Matrix) shall be performed in accordance with the Section H Clause entitled, *PPPO Site Services and Interface Requirements Matrix*, and Section C of the provider's contract. The service provider shall provide services to other PPPO contractors as identified in the J-5 Matrix as either a Direct Funded or a Unit-Billed Service (UBS).

The purpose of the Attachment J-5 Matrix is to identify the PPPO services and interface requirements. The J-5 Matrix identifies the service provider and the associated general interface obligations by those receiving the service. The J-5 Matrix is not an all-inclusive listing of services that may be required or provided; however, services provided to another PPPO contractor shall fall within the scope of the provider's Contract.

Use of a service provider's mandated or optional services, shall not negate the receiving contractor's responsibility to comply with applicable laws and regulations. If the receiving contractor believes that the use of any of a service provider's mandated or optional services would potentially result in non-compliance, the receiving contractor is responsible to resolve area(s) of potential non-compliance with the service provider contractor through inter-contractor interface management. Potential non-compliance issues that cannot be resolved through the inter-contractor interface management shall be promptly communicated to the U.S. Department of Energy (DOE). In addition, if a receiving contractor believes they can provide the Government a better value than through a service identified as mandatory in the J-5 Matrix, the contractor shall make a recommendation to their Contracting Officer Representative and Contracting Officer to evaluate suggested changes.

PPPO contractors retain the responsibility to reach agreement on interfaces and the appropriate delivery of services. The service provider shall provide services to other PPPO contractors as listed below, *Primary list of Users/Providers of the Matrix*, in accordance with the providers Contract and the processes described in Section H clause entitled, *Contractor Interface with Other Contractors/or Government Employees*, H clause entitled, *Site Services and Interface Requirements Matrix* and the Shared Site Process.

PPPO expects all contractors performing work to coordinate activities, services, and interfaces through the Shared Site Process. The Shared Site Committee and meetings provide for centralized coordination and facilitation of interfaces and for seeking mutual understanding to resolve inter-contractor issues in the best interest of the Government. The Operations and Site Mission Support Contractor shall lead routine meetings between the DOE and site contractors to coordinate and integrate site activities and issues.

The service matrix shall be reviewed no less than annually by all site contractors through applicable Integrated Project Team(s) or Shared Site Committee. In addition, at the onset of any new prime contract, all contractors shall coordinate through the Shared Site Committee and address any issues.

Interface Types:

1. Information: Planning, knowledge (data, facts, etc.) gathered or supplied.
2. Physical: Systems in tangible contact (i.e., pipe-to-pipe), or a physical exchange of product or materials.
3. Service: Provision of work for another contractor.

Service Types:

1. Services in the J-5 Matrix under “Service Type” in the table for each service will be categorized as either “Mandatory” or “Optional.” If the service is “Mandatory” for a contractor receiving the service, the receiving contractor shall use the providing contractor’s service. If the service is
2. “Optional” the receiving contractor may use the providing contractor’s service, self-perform the service, or seek the service through another means.
3. Mandatory – services may only be performed by a specified provider.

Note: Services may be performed by another provider with adherence to labor law requirements related to collective bargaining agreements.

Provided below is a definition of Direct-Funded Services and Unit-Billed Services:

Direct Funded Services - Those services provided to the other site contractors that are charged to DOE under the provider’s prime contract. There is no payment between contractors. Funding (e.g., PO-40, PA-40, PO11X) is placed on the providers contract to fund the services.

Unit Billed Services (UBS) – Realigns costs with those contractors where services are actually utilized; UBS are designed to distribute the cost of an additional product/service to those customers who use the product or otherwise drive the need for additional services beyond a base case.

Primary list of users/providers of this Matrix:

<i>Contract</i>	<i>Location</i>
Operations and Site Mission Support Contractor (OSMS) separately described for PORTS and PAD services	Section J, Attachment J-5
PORTS Decontamination and Decommissioning (D&D) Contractor	Section J, Attachment J-5

PORTS Infrastructure Support Services (ISS) Contractor	Section J, Attachment J-5
PAD Deactivation and Remediation (D&R) Contractor	Section J, Attachment J-12a
PAD Infrastructure Support Services (ISS) ISS Contractor	Section J, Attachment J-5
Technical Support Services (TSS) Contractor	DOE Support Contractor provides Cyber Program Services and other services, as identified, to PPPO Contractors

Other Site Contractors (OSC) - Refers to all contracts other than the one identified as providing service(s) in the templates, including other site tenants, if applicable.

The following is a listing of services with a hyperlink to the description.

Service Number	Service Title	Contract Service provided by:
0001	Safeguards & Security (S&S) – Program	ISS - PORTS
0002	Safeguards & Security – Awareness	ISS - PORTS
0003	Safeguards & Security – Physical Protection	ISS - PORTS
0004	Safeguards & Security – Information Security (INFOSEC)	ISS - PORTS
0005	Safeguards & Security – Personnel Security (PERSEC)	ISS - PORTS
0006	Safeguards & Security – Foreign Visits and Assignments (FVAs)	ISS - PORTS
0007	Export Control Information (ECI) Program	ISS - PORTS
0008	Telephone Services	ISS - PORTS
0009	Mobile Devices	ISS - PORTS
0010	GDP General Support System Services (Network Communication) and Applications Deployment	ISS - PORTS
0011	GDP GSS Copier Services	ISS - PORTS
0012	Relocation Services (Office Moves)	ISS - PORTS
0013	Real and Personal Property Services	D&D
0014	Custodial Services	ISS - PORTS
0015	Roads, Parking Lots, Grounds Areas, Fencing (non-security) Maintenance, and Rail Vegetation Control	ISS - PORTS
0016	Records Management Services	ISS - PORTS
0017	Environmental Information Center Operations	ISS - PORTS
0018	Training Services	ISS - PORTS
0019	Energy Employees Occupational Injury Compensation Program Act (EEOICPA) Services	ISS - PORTS
0020	Mail Services	ISS - PORTS
0021	Environmental Monitoring and Reporting	D&D
0022	Emergency Management – Preparedness	OSMS
0023	Emergency Management – Plans and Reports	OSMS
0024	Emergency Operations – Plant Shift Superintendent (PSS)	OSMS

Service Number	Service Title	Contract Service provided by:
0025	Fire & Emergency Response Services	OSMS
0026	Utility Services	OSMS
0027	Nuclear Materials Control and Accountability (MC&A)	OSMS
0028	Protective Force Services	OSMS
0029	Criticality Accident Alarm System (CAAS) Services	D&D
0030	Plant Site-wide Radio, Public Address, and Public Warning Systems Services	OSMS
0031	Hazardous Energy (Lockout/tagout) Excavation and Penetration Permits	OSMS
0032	Railroad Services	OSMS
0033	Dosimetry Services	OSMS
0034	Laundry Services	D&D
0035	Disposition of Waste	OSMS
0036	Safeguards & Security – Program	ISS-PAD
0037	Safeguards & Security – Awareness	ISS-PAD
0038	Safeguards & Security – Physical Protection	ISS-PAD
0039	Safeguards & Security – Information Security (INFOSEC)	ISS-PAD
0040	Safeguards & Security – Personnel Security (PERSEC)	ISS-PAD
0041	Safeguards & Security Program – Foreign Visits and Assignments (FVAs)	ISS-PAD
0042	Export Control Information (ECI) Program	ISS-PAD
0043	Telephone Services	ISS-PAD
0044	Mobile Devices	OSMS
0045	General Support System (Network Communication) and Applications Deployment	OSMS
0046	Cyber Security Program	TSS
0047	Cyber Security – Supply Chain Services	TSS
0048	GDP GSS Copier Services	ISS-PAD
0049	Relocation Services (Office Moves)	ISS-PAD
0050	Radiological Instrumentation and Program Support - Paducah	OSMS

Service Number	Service Title	Contract Service provided by:
0051	REMOVED	
0052	Real and Personal Property Services	ISS-PAD
0053	Custodial Services	ISS-PAD
0054	Roads, Parking Lots, Grounds Areas, Fencing (non-security) Maintenance, and Vegetation Control	ISS-PAD
0055	REMOVED	
0056	Records Management Services	ISS-PAD
0057	Environmental Information Center Operations	ISS-PAD
0058	Training Services	ISS-PAD
0059	On-Site Fueling Service	ISS-PAD
0060	Energy Employees Occupational Injury Compensation Program Act (EEOICPA) Services	ISS-PAD
0061	Mail Services	ISS-PAD
0062	Offsite Providers for Utilities	ISS-PAD
0063	Environmental Monitoring and Site Permits	D&R
0064	Disposition of Waste	D&R
0065	Document Shredding Service	ISS-PAD
0066	Security Automated Access Control System (AACS)	ISS-PAD/OSMS
0067	X-750 Garage Services	D&D-PORTS
0068	Garage Services	ISS-PAD
0069	Satellite Phone Service	OSMS
0070	Onsite Disposal of Waste	D&D
0071	Chronic Beryllium Disease Prevention Program - Paducah	D&R
0072	Chronic Beryllium Disease Prevention Program – Portsmouth	D&D
0073	Radiological Instrumentation – Portsmouth	D&D
0074	Industrial Hygiene and Safety Services Equipment	D&D

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0001	Safeguards & Security (S&S) – Program	Service/ Information	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: S&S Program Management provides formal organized processes for planning, performing, assessing, and improving the secure conduct of work in accordance with risk-based protection strategies.							
PORTS ISS Contractor shall: • Maintain the Design Basis Threat (DBT) vulnerability and security risk assessments (SRA) and obtain information from OSC when needed; • Develop, with support and concurrence from the OSC, S&S site policy and implementing plans and procedures governing the S&S program for PORTS facilities [excluding American Centrifuge Plant (ACP)]; and • Develop, integrate, execute, and evaluate the processes and services that comprise the S&S Program Management, such as Program Planning, Oversight, and Administration; ; Project Security Plans, as needed; Site Security Plan (SSP); and safeguards and security training. OSC shall: • Ensure implementation and compliance with current DOE directives, SSP, and approved plans; • Provide information for SRA (e.g., Force on Force (FoF), Performance Testing, Programmatic Assessments, etc.) and comply with DBT requirements and SSP; • Support the development of S&S requirements in the project and site plans and procedures; and provide concurrence, and implement applicable requirements; • Provide local FSO to support PORTS ISS integrated security programs; and • Implement and manage programs to implement self-assessments, resolution of S&S findings, and security incident reporting and management in accordance with S&S plans and procedures.							
Funding for Services: S&S Program services are direct funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
S&S Program Services			Mandatory		The ISS Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0002	Safeguards & Security – Awareness	Service/ Information	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Provide S&S Awareness to site personnel to communicate site security awareness information and promote good security practices. Develop, implement, and maintain the S&S Awareness Program in accordance with the requirements of DOE Order 470.4, <i>Safeguards and Security Program</i> .							
PORTS ISS Contractor shall: • Issue and maintain site policies and implementing plans, and procedures governing the S&S Awareness program on a common platform available to OSC; • Develop and conduct Security Awareness training, briefings, bulletins, etc. to maintain appropriate levels of security awareness for all site workers. Including the following: 1) Initial Security Awareness; 2) Comprehensive Briefing(s); 3) Refresher Briefing(s), to include the PPPO provided or other approved Annual Security Refresher Briefing method for cleared and uncleared personnel; 4) Security Clearance Termination Briefing(s); and 5) Supplemental Security Awareness Information/Material; • Notify OSC of personnel delinquent training requirements; and • Curtail access for non-compliant personnel with notification. OSC shall: • Support the development of security awareness policies and procedures, provide concurrence, and implement applicable requirements; • Maintain compliance with all ISS Security Awareness policies, plans, and procedures; • Ensure personnel complete all mandatory training; and • Ensure all personnel receive required information, security awareness bulletins, and articles, as distributed by the ISS Contractor.							
Funding for Services: S&S Awareness services are funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		

S&S Awareness			Mandatory		The ISS Contractor is the only authorized service provider for this service.		
Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0003	Safeguards & Security –Physical Protection	Service/ Information	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Physical Protection Programs support the protection of government property as well as accountable quantities of nuclear material and Special Nuclear Material (SNM) and classified matter and information. The program is maintained in accordance with the requirements of DOE Order 473.1, <i>Physical Protection Program</i> .							
PORTS ISS Contractor shall: • Provide guidance and requirements for the security design of facilities (such as Category III SNM locations, radiological/chemical/biological sabotage targets, and classified matter and information); • Coordinate to ensure compliant installation and maintenance of security systems for all facilities with significant safeguard and security assets; • Provide performance testing, intrusion detection assessments, entry/access control assessments; and • Provide and administer a program for physical security lock and key program (Level 1, 2, and 3 locks and keys). OSC shall: • Work to develop mutually agreed upon schedules and provide information regarding physical and operational changes ahead of configurations for any changes that may affect physical security; • Request security lock and key services; • Allow access to facilities for ISS to provide services; • Ensure that personnel maintain access control for their assigned facilities (locking doors and protecting property); • Responsible for distribution and collection of any security level locks and keys assigned under the ISS program; and • Provide input to programs and policies as required/requested and comply with the Physical Protection Program.							
Funding for Services: Physical protection services are direct funded under the ISS Contract.							
Unit Billed Services: Physical Security Services supporting special mission requests are unit billed. OSC shall bear the costs of physical security upgrades.							
Service			Service Type		Clarifications		
S&S Physical Protection Services			Mandatory		The ISS Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0004	Safeguards & Security – Information Security (INFOSEC)	Service/ Information	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Provide Information Security Program that includes Operations Security (OPSEC) and Classified Matter Protection and Control (CMPC).							
PORTS ISS Contractor shall: - Nominate a qualified Contractor Classification Officer for ultimate appointment by DOE Office of Classifications Director to administer the Classification and Declassification Program for PORTS contractors; - Classification Officer appoints Technical Information Officer to perform public release reviews, as appropriate; - Provide training and approval for Derivative Classifiers and Reviewing Officials; - Implement a site-wide program for INFOSEC; - Provide the Annual Site OPSEC Threat Assessment and prepare the annual OPSEC Plan; - Provide trained and authorized personnel to conduct inquiries for incidents of security concern (IOSC), including reporting IOSC into official database; and - Identify site facilities that require Technical Surveillance and Countermeasures (TSCM) Services. OSC shall: - Comply with the requirements of the Information Security program; - Nominate a sufficient number of Derivative Classifiers, Reviewing Officials, and Technical Information Officers (who shall be trained and approved by ISS) to accomplish scope; - Implement and support the OPSEC Program (e.g., participate in working/awareness groups, provide support to assessments, support preparation of the annual plan, etc.); - Support the Annual Site OPSEC Threat Assessment; - Maintain an updated list of security containers, locations, and custodians; and - Provide assistance and support to include facility access as needed to implement IOSC Program.							
Funding for Services: S&S INFOSEC services are funded under the ISS Contract.							
Unit Billed Services: None							

Service	Service Type	Clarifications
S&S INFOSEC Services	Mandatory	The ISS Contractor is the only authorized service provider for this service.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0005	Safeguards & Security – Personnel Security (PERSEC)	Service/ Information	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA

Service Description:

Provide a Personnel Security Program in accordance with DOE O 472.2, *Personnel Security*.

PORTS ISS Contractor shall:

- Issue and maintain site policies, implementing plans and procedures, and execution of the Personnel Security Program;
- Process and issue all security badges to include local site specific only (LSSO) badges (i.e., requesting, obtaining, maintaining, downgrading and terminating security badges and clearances);
- Ensure annual, comprehensive, initial, and termination briefings are conducted; and
- Review of each requested clearance action to ensure adequate information is provided.

OSC shall:

- Comply with the site policies, implementing plans and procedures of the Personnel Security Program (e.g., drug screens, suitability for employment, DOE NBIS) and other requirements of the Personnel Security Program;
- Responsible for requesting clearance and providing necessary paperwork including adequate justification pursuant to ISS procedures;
- Ensure annual, comprehensive, and termination briefings are completed; and
- Provide proper and timely notification of HR/Legal personnel actions.

Funding for Services:

S&S PERSEC services are direct funded under the ISS Contract.

Unit Billed Services:

None

Service	Service Type	Clarifications
S&S PERSEC Services	Mandatory	The ISS Contractor is the only authorized service provider for this service.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0006	Safeguards & Security – Foreign Visits and Assignments (FVAs)	Service/ Information	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: The Unclassified Foreign National Access Program in accordance with DOE O 142.3, <i>Unclassified Foreign National Access Program</i> .							
PORTS ISS Contractor shall: • Issue and maintain site policies, implementing plans and procedures governing the FVA Program; • Process Security Plans for foreign visitors, coordinate FVA requests, and submit for approval; and • Train foreign nationals and their sponsors on site access and other procedures. OSC shall: • Comply with the site policies, implementing plans and procedures of the FVA Program; • Notify ISS of potential foreign visitor or assignment; and • Prepare and submit security plans to ISS for processing of the visit/assignment.							
Funding for Services: S&S FVA services are direct funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
S&S FVA Services			Mandatory		The ISS Contractor is the only authorized service provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0007	Export Control Information (ECI) Program	Service/ Information	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Implement an ECI Program (inclusive of all site contractor and DOE activities) to comply with export control policies to facilitate activities such as procurement, property transfers, and waste disposition.							
PORTS ISS Contractor shall: • Issue and maintain site policies and implementing plans, and procedures for the ECI Program; • Provides training for site contractors on applicable implementing plans and procedures, technical assistance and serves as a subject matter expert in this area; • Coordinate to develop mutually agreed upon schedules for ECI reviews; and • Perform assessments of the effectiveness of the site-wide ECI Program. OSC shall: • Implement and comply with ECI policies, plans, and procedures, as applicable; • Ensure training is completed for required individuals in accordance with implementing plans and procedures; • Provide information needed for determinations and work to develop mutually agreed upon schedules for ECI reviews; and • Provide access and information as needed to facilitate program assessments.							
Funding for Services: ECI Program services are funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
ECI Program			Mandatory		The ISS Contractor is the only authorized service provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0008	Telephone Services	Service	Non-DUF6 Receive service and provide input, and Optional for DUF6 facility only	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Telephone services function consists of the site landline telephone exchange activities that encompass voice, data, special circuits, and 911 support. Does not include Telephone Services for the DUF6 Conversion Facilities footprint. Service also includes provision telephone service (not part of the site PBX) and support to the Pike County Emergency Operation Center located at the Pike County Airport and Joint Information Center located at the Village Square at Piketon.							
PORTS ISS Contractor shall: - Establish, in conjunction with OSC, a service agreement for telephone services including operating instructions/procedures; - Maintains and operates the PORTS Gaseous Diffusion Plant (GDP) administration/private branch exchange (PBX) telephone system and all associated equipment (including telephones); and - Performs maintenance and repair of all installed communication lines up to and including the end user receptacle for all buildings within the PORTS GDP footprint (existing PBX coverage). OSC shall: - Establish, in conjunction with ISS, a service agreement for telephone services; - Utilize the system in accordance with ISS instructions/procedures; - Request and coordinate with ISS for services, including installation of additional service lines if needed; - Allow access to facilities for services; and - Interface and provide feedback on system capabilities/availability.							
Funding for Services: Telephone services are direct funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		

Telephone Services	Mandatory (with exception of DUF6 Facility)	The ISS Contractor is the only authorized provider of landline telephone services via the PORTS PBX.
Telephone Services	Optional for DUF6 Facility	If desired, OSMS may enter into a work authorization with the ISS for this service.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0009	Mobile Device	Service	Non-DUF6 Receive service and provide input, and Optional for DUF6 facility only	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Provide Mobile Device Management (MDM) Services and approved cellular devices, e.g., tablets, and hot spot devices associated with connecting to the ISS GDP General Support System (GSS).							
PORTS ISS Contractor shall: - Establish, in conjunction with OSC, a service agreement for mobile device services and re-evaluate service needs on a quarterly basis; - Provides necessary devices for non-DUF6 personnel; and - Develop and maintain user agreements/procedures for devices. OSC shall: - Establish, in conjunction with ISS, a service agreement for mobile device services; - Obtain all services and mobile devices from ISS required to access GDP GSS; and - Use devices in accordance with ISS procedures.							
Funding for Services: Mobile device services are direct funded under the ISS Contract.							

Unit Billed Services: None.		
Service	Service Type	Clarifications
Mobile Devices that connect to the ISS GDP GSS	Mandatory	The ISS contractor is the only authorized provider for this service. OSC can acquire their own mobile devices; however, any mobile devices expected to be connected to the ISS GDP GSS network shall be obtained through the ISS Contractor.
Mobile Devices that connect to the ISS GDP GSS	Optional for DUF6 Facility	If desired, OSMS-DUF6 Facility may enter into a work authorization with the ISS for this service.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0010	GDP General Support System Services (Network Communication) and Applications Deployment	Service/ Information	Non-DUF6 Receive service and provide input, and Optional for DUF6 facility only	Provide service and receive input	NA	Receive service and provide input	NA

Service Description:

The GDP GSS network infrastructure that supports the data processing needs includes the Local Area Networks (LANs) (including VOIP) and Wireless Local Area Networks (WLANs).

This service also consists of data center requirements to include: primary computing facility and backup computing facility, and IT storage services (digital storage and hardware storage).

Provide a standalone National Security System (NSS).

Note: The separate GSS for the DUF6 Conversion Facilities footprint is not covered under this service.

PORTS ISS Contractor shall:

- Establish, in conjunction with OSC, a service agreement for GDP GSS services;
- Establish requirements for connection to the ISS GDP GSS network and NSS;
- Provide the following ISS GDP GSS network infrastructure services:
 - administration, management, and maintenance;
 - internet support service;
 - data center facility;
 - technology support for hardware and software;
 - training for networking;
 - user account creation and management;
 - email server administration and support;
 - provides, installs, set-up, and maintains computers (desktops and thin clients);
 - performs maintenance and repair of all onsite installed data/communication lines, including switches or routers, up to and including the end users (onsite) receptacle (jack);
 - provide network customer service, and helpdesk support;
 - provides network file storage to ensure sufficient capacities are allocated to user organizations; and
 - supports remote access for personnel (such as VMware access, does not include equipment for remote personnel).
- Provides application management services to ensure efficient and appropriate deployment of network applications;
- Provides core software (e.g., Adobe Acrobat DC/Reader, Chrome, Entrust, Firefox, Microsoft Office (Word, Excel, PowerPoint, Outlook, Access, Outlook), SharePoint); and
- Coordinate with OSC to address requests for additional services.
- Additional specialty software will be procured by the requesting contractor.

OSC shall:

- Establish, in conjunction with ISS, a service agreement for GDP GSS services;
- Comply with all requirements for connectivity to the network defined by the ISS;
- Complete all necessary training;
- Provide input and feedback to standards updates;
- Interface and coordinate with ISS on proposed changes;
- Provide new installation of data wiring and additional system requirements to support its operations;
- Make requests for additional services beyond direct funded service level, as applicable;
- Purchase specialty hardware/software/development of non-enterprise applications to be connected to the GSS;
- Meet ISS requirements for specialty applications and provide to ISS to be loaded onto the GSS;
- Responsible for ensuring any specialty software meets software quality assurance requirements; and
- Coordinate permissions for user access to its specific specialty software/applications.

Funding for Services:

ISS GDP GSS network is direct funded.

Unit Billed Services: None		
Service	Service Type	Clarifications
General Support System Services and Applications Deployment	Mandatory (with exception of OSMS)	Physical and virtual file servers, initial or refreshed, supporting the infrastructure and shared application file servers will be provided by the ISS Contractor. OSC can acquire their own computing devices, however, any devices expected to be connected to the ISS network shall be coordinated with the ISS Contractor.
General Support System Services and Applications Deployment	Optional for DUF6 Facility	If desired, OSMS-DUF6 Facility may enter into a work authorization with the ISS for this service.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0011	GDP GSS Copier Services.	Service	Non-DUF6 Receive service and provide input, and Optional for DUF6 facility only	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Provide copier and printer hardware and supplies for the ISS GDP GSS. OSMS DUF6 Conversion Facilities currently operate from a separate GSS network.							
PORTS ISS Contractor shall: • Provide, install, set-up, and maintain hardware (e.g., printers, plotters, copiers) connected to the GSS; • Provide toner, ink, paper (not including the loading of paper into the copier/printer), and other consumables; and • Coordinate with OSC for drop-off of paper. OSC shall: • OSC coordinate with the ISS Contractor for any hardware (e.g., printers, plotters, copiers) connected to the GSS; • Request services as needed and provide estimate of toner, ink, paper, and other consumables; and • Identify a point of contact and drop-off location(s) for toner and paper delivery.							
Funding for Services: Copier Services are funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Copier Services			Mandatory (with exception of OSMS)		The ISS Contractor is the only authorized provider of this service for the ISS GDP GSS.		
Copier Services			Optional for DUF6 Facility		If desired, OSMS-DUF6 Facility may enter into a work authorization with the ISS for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0012	Relocation Services (Office Moves)	Service	Receive service for personnel in non-DUF6 facilities	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Relocation of office furnishings and equipment associated with personnel moves for D&D and non-DUF6 Contractor personnel.							
PORTS ISS Contractor shall: - Provides relocation of office furnishings and equipment to include, but not limited to, coordination with site services, e.g., office set-ups, office key, janitorial services, etc.); - Provides minor and miscellaneous furniture moving and fixture installation, removal or adjustment (e.g., hanging a white board, installing a keyboard tray under a desk, replacing a bookcase or file cabinet) of furniture; and - Track service hours provided. OSC shall: - Request relocation services and establish mutually agreed move schedule; - Allow access to facilities for relocation of services; - Coordinate for the provision of relocation services; - Ensure the personnel being relocated are prepared (e.g., loose items packaged in box, furniture cleared, shelving emptied) for the move; and - Coordinate with PORTS ISS to track usage.							
Funding for Services: The ISS Contractor is direct funded for up to 500 direct labor hours annually (ISS contract year) for office moves. Requests for additional services requires DOE approval.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Relocation Services			Mandatory		Coordination and movement of computer/printing equipment is covered under GSS network services.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0013	Real and Personal Property Services	Service/ Information	Provide service (excess of personal property) and receive input	Provide service and provide input	NA	Provide service and receive input	NA
Service Description: Provide site-wide coordination for disposition of real property and personal property; provide guidance for disposition of high-risk & excess property.							
PORTS D&D Contractor shall: • Coordinate with OSCs and gather input from other site contractors; • Establish property point of contact for coordination of services; and • Coordinate and provide identification and disposition guidance support for Government owned personal property. • Responsible for excessing OSCs personal property intended for reuse or transfer; and • Coordinate with ISS contractor for potential high risk property reviews and for guidance on disposition of excess property. • Perform all sampling, surveys, reports/documentation, CERCLA, and other actions necessary to support and perform real property transfers. • Coordinate with ISS contractor for FIMS data input and support annual FIMS data verification. • Perform free release screenings, as required, prior to transferring property for reuse or release for PORTS ISS contractor PORTS ISS Contractor shall: • Act as the lead for FIMS. • Input final data into FIMS and support annual FIMS data verification • Provide High-Risk property reviews for OSC's. OSCs shall: • Establish property point of contact for coordination of services; • Perform free release screenings, as required, prior to transferring property for reuse or release; • Coordinate with ISS contractor for FIMS data input and support annual FIMS data verification.							
Funding for Services: Real and Personal Property services are funded under the D&D Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		

Real and Personal Property Services	Mandatory	If reuse or transfer of excess personal property is unsuccessful the Contractor requesting the reuse/transfer is responsible for final disposition.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0014	Custodial Services Specific Facilities	Service	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Provides custodial service for facilities indicated in Site Facility Responsibility Matrix, Section J, Attachment 7.							
PORTS ISS Contractor shall: • Provide services including trash collection, general cleaning, vacuuming, sweeping/ mopping, sanitary waste pick-up, and restroom cleaning per provider's contract; and • Obtain facility specific training for access. OSC shall: • Coordinate for the provision of services and obtain mutually agreed upon schedules; • Allow access to facilities for services; and • Ensure facility specific training is complete prior to granting access.							
Direct Funded Services: ISS Custodial Services are direct funded.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Custodial Services			Mandatory				

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0015	Roads, Parking Lots, Grounds Areas, Fencing (non-security) Maintenance, and Rail Vegetation Control	Service	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Perform maintenance of roadways (including bridges) and parking areas, grounds areas, and non-security fencing including perimeter fencing. Note: This service excludes active construction areas (e.g.; the OSWDF footprint, demolition boundaries, and excavation boundaries). Includes fencing around X-208C, X-230J6, X-230J7, X-530, X-611, X-611A, X-633, X-735, X-736, X-745C, X-745E, X-745G-1, X-745G-2, X-749, X-749B, and X-608. Includes roadways described in ISS Contract, Attachment J-8.C.3.4.4.2a Listing of Roads.							
PORTS ISS Contractor shall: • Perform maintenance of paved and gravel site roadways and parking areas; bridges; grounds; site perimeter fencing, and signage for roads/parking and site boundary (site security fencing is captured in Physical Security); • Develop and obtain concurrence from other site contractors on the Snow and Ice Removal Plan; • Provide snow and ice removal and treatment for roads, parking lots, and sidewalks (e.g., entrances, steps, landings, sidewalks, driveways, roadways, parking areas, and handicapped accessibility areas); • Performs, interfaces and coordinates with others on providing grounds maintenance, including grass cutting, edging, grass trimming, removing leaves, inspecting, and performing minor repairs; • Maintain outfalls, ditches, and waterways free from obstructions (including removal of debris and beaver dams); • Provides pest control (e.g., control of ticks, chiggers, ants, wasps, spiders, mice, and rats); for exteriors of buildings, trailers, and other structures and facilities specified in the Site Facility Responsibility Matrix and for all assigned grounds areas; • Provides for grounds removal of nuisance animals and dead animals; • Coordinate with others on activities at the site that impact others use of assets such as road and parking lot closure; and • Provides vegetation control (cutting, spraying) on railway. OSC shall: • Identify and report observed deficiencies; • Coordinate for the provision of services with mutually agreed upon schedules, and provide access and training/briefings, as needed; • Responsible for facility and area signage for assigned facilities; • Review and concur on Site Snow and Ice Removal Plan; • Coordinate on potential conflicts for grounds maintenance and maintenance activities in outfalls, ditches, and waterways;							

• OSC responsible for facility safety basis compliance (e.g., related to fire danger from adjacent vegetation); • Provide for pest control within the interior (and immediate facility perimeter) of assigned facilities as designated in the Facility Responsibility Matrix (Section J, Attachment 7); • Communicate potential conflicts with road and parking lot closures; and • Coordinates with ISS for vegetation control needs on rail.		
Direct Funded Services: Services are direct funded under the ISS Contract.		
Unit Billed Services: Additional services can be coordinated for special request services, e.g., additional mowing events, vegetation control in non-maintained areas.		
Service	Service Type	Clarifications
Roads, Parking Lots, Grounds Areas, Fencing (non-security) Maintenance, and Rail Vegetation Control	Mandatory	

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0016	Records Management Services	Service	NA	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Operate and maintain the Records Management Center and electronic document system to maintain safe, compliant storage of all records (archived, newly generated, and received).							
PORTS ISS Contractor shall: • Establish, in conjunction with OSC, a service agreement for records management services; • Develop, integrate, and implement a Records Management Program; • Maintain and administer site's Electronic Records Management System (ERMS); • Provide search and retrieval for records requests; and • Coordinates with OSC on required radiological protection and survey needs for potentially contaminated records. OSC shall: • Establish, in conjunction with ISS, a service agreement for records management services; • Develop contractors internal Records Management Program consistent with the requirements of the ISS Records Program; • Turnover electronic records to ISS regularly through applicable ERMS interface (e.g., SharePoint Gimmel, Documentum) meeting ISS quality control requirements; ○ Including turnover of legacy records in electronic format for final disposition; • Request records as needed; and • Provides radiological protection and survey needs for potentially contaminated records, including for records disposition.							
Direct Funded Services: Records Management services are direct funded through the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Records Management Services			Mandatory		OSC is responsible for maintaining its records through established requirements.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0017	Environmental Information Center Operations	Service	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Operate and maintain the Portsmouth Environmental Information Center (EIC) in compliance with applicable requirements including CERCLA, National Environmental Policy Act (NEPA), and Resource Conservation and Recovery Act (RCRA) to provide public access to PORTS documents.							
PORTS ISS Contractor shall: • Maintain the applicable PORTS Administrative Records; and • Operate and maintains the EIC and the Online Document Repository which provides public access to regulatory documents and reports within the Administrative Records. OSC shall: • Identify and submit documents regularly for placement in the Portsmouth EIC/Administrative Records meeting ISS requirements.							
Direct Funded Services: Environmental Information Center Operations is direct funded.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Environmental Information Center Operations			Mandatory		The PORTS ISS Contractor is the only authorized provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0018	Training Services	Service/ Information	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Training Services provides support, curriculum, and training delivery to contractor and subcontractor personnel of select courses.							
PORTS ISS Contractor shall: - Maintain and deliver the following training courses: - PPPO General Employee Training (GET); - Annual Cyber Security Training, Controlled Unclassified Information, Active Shooter, Classified Matter, Cyber Security Remedial Training; - Occupational Health and Safety training provided by USW, 40-Hr Hazwoper, 8-Hr Hazwoper, Refresher; - Radworker Site Specific (Initial), Radworker Site Specific (Refresher), Radworker Academics (Initial), Radworker Academics (Refresher), Radworker II Practicals (Initial), Radworker II Practicals (Refresher), Radworker II Practical Prerequisite (Initial), Radworker II Practical Prerequisite (Refresher); - First Aid/CPR; and - Coordinate review and concurrence of training content with OSC of provided training. OSC shall: - Review and concur on content of ISS training modules; - Coordinate with ISS Contractor by providing list of personnel and forecast of upcoming training needs; - Comply with site-wide training requirements; - Ensure all personnel complete mandatory training; - Track training status and notify personnel of training needs; and - Provide other required training to personnel, as needed.							
Direct Funded Services: Training services are direct funded under the ISS Contract.							
Unit Billed Services: Optional Service would be billed to OSC.							
Service			Service Type		Clarifications		
Training Services			Mandatory		The ISS Contractor is the only authorized provider of this service.		
Optional Training			Optional		OSC may contract with the ISS Contractor to develop and provide additional (non-standardized) training courses.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0019	Energy Employees Occupational Injury Compensation Program Act (EEOICPA) Services	Service	Receive service and provide input	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: EEOICPA search and response services.							
PORTS ISS Contractor shall: • Conduct search and retrieval services when requested for EEOICPA claims. • Comply with contract requirements and coordinate with others as required. • Ensure necessary information is provided to the PORTS ISS contractor in a timely manner. OSC shall: • Request records searches from ISS when needed to process EEOICPA claims.							
Direct Funded Services: EEOICPA Services is direct funded through the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
EEOICPA Services			Mandatory				

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0020	Mail Services	Service	Optional	Provide service and receive input	NA	Receive service and provide input	NA
Service Description: Provide mail pick-up and drop-off from the U.S. Post Office.							
PORTS ISS Contractor shall: - Establish, in conjunction with OSC, a service agreement for mail services; - Deliver incoming mail to a central point and pick-up outgoing mail for the U.S. Postal Service; - Pick-up and deliver from the local U.S. Post Office, twice daily in accordance with the dates and times in the services agreement; - Maintain the central repository, process; and track classified mail; and - Notify and coordinate with an identified point of contact to ensure delivery of certified mail. OSC shall: - Establish, in conjunction with ISS, a service agreement for mail services; - Provide administrative staff responsible for mail distribution within their facility; - Drop-off outgoing and pick-up incoming mail at the central point; and - Identify a point of contact for and coordinate for receipt of certified mail.							
Direct Funded Services: Mail Services is direct funded through the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Mail Services			Mandatory		OSC are responsible for their own premium mailing or package services, such as Federal Express, United Parcel Service (UPS), etc.; and outgoing US Mail postage.		
Mail Services			Optional for OSMS		If desired, OSMS may enter into a work authorization with the ISS for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0021	Environmental Monitoring and Reporting	Service / Information	Receive service and provide input	Receive service and provide input	NA	Provide service and receive input	NA
Service Description: Perform site-wide environmental monitoring and coordination for submittal of environmental reports. Contractor Acceptance of Notices of Violation or Alleged Violations, Fines, and Penalties will be paid by the responsible site contractor, if the contractor's operations resulted in fines or penalties.							
D&D Contractor shall: - Collect, analyze, and evaluate environmental monitoring data for the development of site-wide environmental reporting, including the Environmental Monitoring Plan, Annual Site Environmental Report, Annual National Emissions Standards for Hazardous Air Pollutant(s) report, Annual Compliance Agreement Report, Annual Groundwater Report, and updates to the Integrated Groundwater Monitoring Plan; - Compile and submit the Annual Hazardous Chemical Inventory Report (Emergency Planning and Community Right-to-Know Act (EPCRA) 311-312) and Annual Toxic Chemical Release Inventory Report (EPCRA 313) with OSC contractor input; - Coordinate with OSC to ensure the appropriate information is included for OSC portions of the reports; - Receive input from and seek concurrence/certification from other site contractors on permit activities for site-wide environmental areas identified; - Manage and conduct environmental monitoring services both on-site and off-site of air, soils, and water; - Provide processing of Solid Waste Management Unit (SWMU) Notifications with regulatory agencies; and - Administer the sampling, monitoring, Five-Year reviews and reporting requirements for the following closed SWMUs, assigned to OSMS: - Quadrant IV – X-734 Landfills (X-734A and X-734B) and X-611A Prairie; - X-735, including Annual Leachate Management Monitoring Report. OSC shall: - Obtain and manage any necessary permits and provide copies to the D&D Contractor; - Provide input and project/facility specific data for site-wide environmental reports by the requested date such that deliverable dates are met; - Notify D&D Contractor during planning phase of any new or changing processes or operations that may impact permit requirements; - Provide notification of expected work in SWMU within 30 days of planned project start; and - Provide access to facilities/areas requiring monitoring/sampling.							
Direct Funded Services: Site-wide environmental monitoring services are direct funded.							

Unit Billed Services:		
Service	Service Type	Clarifications
Environmental Monitoring and Site Permits	Mandatory	The PORTS D&D Contractor is the only authorized provider for this service. OSMS is responsible for any required permits associated with its work activities.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0022	Emergency Management – Preparedness	Service/ Information	Provide service and receive input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input
Service Description: Site-wide Emergency Management Preparedness which includes delivering comprehensive emergency services through establishment of an Emergency Operations Center (EOC), Joint Information Center (JIC), training of Emergency Response Organization (ERO) Staff, site-wide exercises, drills, and assessments.							
OSMS Contractor shall: • Maintain a DOE Order 151.1 compliant program; • In conjunction with the OSC, develop site-wide standards and guidelines for all site and facility emergency preparedness activities, including, but not limited to, procedures, training, drills and exercises; • Solicit input from the OSC for comments on revisions to the Emergency Management Program; • Maintain hard copies of all site-wide emergency documents, to include, but not limited to, Emergency Hazard Planning Assessment and Emergency Action Levels within the EOC and other areas, as needed; • Maintain and staff an operational and DOE Order 151.1 compliant EOC and alternate EOC that is available 24-hours; • Maintain and staff an offsite JIC in conjunction with the ERO, with support from OSC, as needed; • Provide ERO training and qualifications, including for drill and exercise controllers/observers/evaluators; • Support facility/project-specific emergency preparedness coordinators with drills, exercises, and assessments, as requested; • Conduct or support emergency management surveillances and assessments and work with other contractors for corrective action implementation; • Maintain offsite liaison representative to advocate for Emergency Management with surrounding communities; • Coordinate agreements with offsite emergency support agencies (Mutual Aid), as needed; • Maintains a diverse site-level Emergency Notification System, issues messages to cell phones and pager system; • Provide, utilize, and train users on WEB EOC; and • Initiate and coordinate emergency management post-incident reviews. OSC shall: • Support development of site-wide emergency standards and guidelines and provide approval to the OSMS Contractor; • Assign emergency preparedness coordinators to implement emergency management procedures within respective projects/facilities; • Provide input to the Emergency Management Program, and support OSMS Emergency Management Preparedness functions as described; • Provide updated versions of all necessary program/facility-level technical documents to the OSMS Contractor for inclusion in the EOC; • Assign resources to the site-level ERO, as needed, and coordinate with OSMS for all training and qualification requirements; • Support the EOC and JIC as requested, per contract requirements; • Maintain a facility level DOE Order 151.1 compliant drill program; • Support assessments during drills and exercises (including required field exercises);							

• Document accountability status for plant wide accountability; • Support OSMS development of the site-wide self-assessment criteria; • Participate in post incident emergency management reviews, as required; and • Coordinate with and notify OSMS of changing conditions and hazards as they occur.		
Direct Funded Services: Emergency Management Preparedness services are direct funded through OSMS Contract. Each OSC funds its personnel that participate in emergency management activities.		
Unit Billed Services: None		
Service	Service Type	Clarifications
Emergency Management – Preparedness	Mandatory	The OSMS Contractor is the only authorized provider of this service.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0023	Emergency Management – Plans and Reports	Service/ Information	Provide service and receive input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input
Service Description: The Emergency Management Plans and Reports requires the development of documentation including site-wide plans and reports. The Emergency Management Plans and Reports also requires interfacing and coordinating with other contractors and obtaining concurrence, as applicable.							
OSMS Contractor shall: • Prepare and coordinate with OSC for concurrence with the following: ○ Site Emergency Plan; ○ All Hazard Survey and Emergency Planning Hazard Assessment (including facility Emergency Planning Zones (EPZ) and site EPZ); ○ Facility specific Emergency Action Levels; ○ Site integrated Emergency Readiness Assurance Plan; ○ Site Continuity of Operations Plan (COOP); and ○ Site integrated Continuity Readiness Assurance Report. OSC shall: • Provide input, technical review and concurrence of plans and reports; • Implement requirements of subject plans and reports; • Responsible for developing and submission of contract specific plans for rollup to site-wide plan (e.g., Emergency Plan, Continuity of Operations Plan); • Fully participate in the site’s Emergency Operations Program; and • Ensure emergency management planning documents meet RCRA permit requirements.							
Direct Funded Services: Emergency Management Plans and Reports services are direct funded through the OSMS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Emergency Management – Plans and Reports			Mandatory		The OSMS Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0024	Emergency Operations – Plant Shift Superintendent (PSS)	Service/ Information	Provide service and receive input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input
Service Description: Emergency Operations: Plant Shift Superintendent (PSS) monitors and manages the overall coordination of operational/emergency activities at the sites.							
OSMS Contractor shall: • Serve as the primary point of contact for emergent situations 24 hours/day, 7 days/week; • Serve as the primary point of contact for incident/event notification for all activities and all contractors; • Serve as the Incident Commander for emergencies; • Initiate emergency notifications for occurrences and emergencies; • Serve as primary emergency point of contact for off-site waste and material shipments; • Serve as the primary monitor of the utility system alarms and criticality accident alarm system; • Monitor weather conditions and make notifications to site personnel; and • Provide maintenance and availability of emergency facilities and equipment. • The PSS is responsible for CAAS operability determinations and implementation of actions consistent with CP1-NS-3001, <i>Technical Safety Requirements</i>, and immediate notification to the D&R of CAAS trouble alarms that require further evaluation, troubleshooting, and/or corrective maintenance. CP3-OP-0301, <i>Operation of the Criticality Accident Alarm System</i>, details information concerning the operation of the CAAS system, including required response to CAAS system trouble alarms. D&R personnel will be available to the PSS to support performing these required actions. OSC shall: • Report per requirements their environmental, safety, health events, and related information directly to DOE and to the PSS; • Allow access to facilities for PSS activities; • Coordinate waste shipment plans and activities with PSS; • Implement severe weather protection plans; and • Notify the OSMS if modifications are planned that may create a new hazard.							
Direct Funded Services: Emergency Operations: Plant Shift Superintendent services are direct funded through the OSMS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Emergency Operations – PSS			Mandatory		The OSMS Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0025	Fire & Emergency Response Services	Service/Information	Provide service and receive input	Receive service and provide input as well as First Responder Program at Portsmouth	Receive service and provide input	Receive service and provide input	Receive service and provide input
Service Description: OSMS maintains a site-wide fire department responsible for providing fire prevention; fire suppression; fire investigation; emergency rescue; emergency medical service and patient transport; incident command; and hazardous material (chemical/biological/radiological) response for the sites.							
OSMS Contractor shall: • Develop and maintain all fire department and emergency medical procedures; • Provide a delegated Contractor Authority Having Jurisdiction (AHJ) authority for each site; • Provide 24/7 response capability for all site-wide emergencies to protect human life, property, and facilities, and DOE assets; • Operate basic and advanced life support emergency medical services, to include transport of patients in need of emergency medical services to local area hospitals; • At Paducah only, Develop, maintain, and coordinate a site-wide First Responder Program (basic first aid, CPR, and AEDs); • Respond to each facility fire alarm and trouble signal; • Stabilize the fire system (sprinkler system, fire alarm, dry chemical, etc.) activated, in an alarm, or trouble condition, and contact facility management or the EOC with the status of fire system(s); • Participates in drills and exercises; • Perform inspection and testing of facility fire protection equipment/systems; • Provide and maintain a fire protection system impairment process; • Recharge, test, and replace fire extinguishers; • Provide maintenance support for the Fire Alarm Systems; • Perform fire protection and fire safety-related building inspections to evaluate occupancy, housekeeping, fire-loss potentials, and facility fire protection for active and/or inactive systems for all site facilities, fire doors; • Report deficiencies identified during testing and inspections of facilities, systems, and/or equipment to the contractor assigned responsibility for the facility system and/or equipment for correcting the deficiency; • Maintain mutual aid agreements with surrounding fire department and EMS organizations; • Provide and maintain a Hot Work Permit System; and • Develop and maintain the site Baseline Needs Assessment (BNA) and obtain OSC concurrence on the BNA. OSC shall: • Provide access to the fire Emergency Response Service Personnel, and notify the Fire Department of work activities, events, incidents, etc., that may require involvement and/or response (e.g., medical assistance, hazardous or radiological emergency help, etc.); • Notify the OSMS if modification are planned that may create a new hazard;							

- For emergency situations created by a hazardous material spill, including mixed waste spills, once the hazards have been mitigated, the owners of the facility or material have the responsibility for cleaning up the material and decontaminating the site, but may request supplemental expertise from Fire Services;
- At Portsmouth only, the PORTS ISS contractor shall develop, maintain, and coordinate a site-wide First Responder Program (basic first aid, CPR, and AEDs);
- Participate in facility specific First Responder Program (basic first aid, CPR, and AEDs);
- Notify OSMS of issues with facility specific fire protection systems;
- Coordinate with OSMS for needs to take facility fire water out of service;
- Provide fire watches associated with hot work permits; and
- Concur on the site BNA.

Direct Funded Services:

Fire & Emergency Response Services are direct funded through OSMS Contract.

Unit Billed Services:

None

Service	Service Type	Clarifications
Fire & Emergency Response Services	Mandatory	The OSMS Contractor is the only authorized provider of this service.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0026	Utility Services	Service/Physical	Provide service and receive input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input
Service Description: Utility services provided on demand include electricity, potable water, sanitary wastewater treatment, fire suppression water, storm sewer, natural gas, dry air, chilled water, steam, and nitrogen. Service includes outdoor lighting circuit and lights. Utility services are provided site-wide as per the demarcation points identified in the Section J, Attachment 7, PPPO Facilities Responsibility Matrixes, with the following exceptions: - At PAD, buildings which contain wet fire water, systems (including sprinklers) are the responsibility of the OSMS Contractor. For systems that are converted to a dry hybrid fire system, the OSMS Contractor is responsible for routine inspections, testing, and operations. The D&R contractor is responsible for corrective maintenance of the dry hybrid systems. All other corrective maintenance will be provided by the OSMS Contractor. - Dry air and nitrogen is at Portsmouth Only.							
OSMS Contractor shall: - Establish, in conjunction with OSC, service agreement for Utility Services; - Coordinate with OSC to develop mutually agreed upon schedules for needed services; - Responsible for maintenance of supply and distribution facilities and equipment to the demarcation identified in Section J, Attachment 7, <i>PPPO Facilities Responsibility Matrixes</i>; - Take monthly readings from utility meters within OSC facilities; - Obtain information for the following: - Energy cost and consumption data for OSC energy usage reporting needs; - Water, natural gas, and other utility consumption data for OSC reporting needs; - Request from OSC information required to update annual forecasts for utility service requirements; - Assist on technical matters dealing with any OSC utility needs; - Review OSC requests for changes to level of provided services and provide feedback; - Coordinate with OSC any necessary utilities outages; - Isolate the system as needed to support site configuration changes; - Request from OSC utility information when necessary to support utility emergencies, reporting, and other site maintenance activities; - Conduct bacteriological sampling for domestic water system sterilization in accordance with permit requirements, and as requested by OSC for potential water issues; - For Paducah, make available Paducah's C-615 Sewage Treatment Plant for use by the C-746-U landfill for leachate treatment, if needed; and - Coordinate and support all work performed on site by commercial utility service suppliers (e.g.; American Electric Power, Utility Pipeline). OSC shall: - Establish, in conjunction with OSMS, service agreement for Utility Services; - Responsible for working with OSMS to develop mutually agreed upon schedules for needed services; - Own, operate, and maintain utility equipment/services within respective facilities per established points of demarcation;							

• Protect site systems against disruption and damage during performance of work and support utility operations, maintenance, and closure of a service where appropriate; • Provide access to OSMS for routine and emergent utility activities within the OSC facility, as appropriate; • Provide utility usage forecasts annually to OSMS for planning purposes; • Request from the OSMS for any changes to level of provided services; • Coordinate system outage and isolation requirements in advance to support maintenance and deactivation/demolition needs; • Provide utility information requested by OSMS to support utility emergencies, reporting, and other site maintenance activities; • Request from OSMS bacteriological sampling when necessary for potential water system issues; • Notify and coordinate any new, suspended, or off-normal waste streams than may have the potential to upset sewer plant operations or be inconsistent with permitted operations; and • Sample, provide data from leachate from C-746-U landfill, and obtain approval from OSMS prior to discharge to the Paducah C-615 Sewage Treatment Plant.		
Direct Funded Services: Utility Services are direct funded through OSMS Contract.		
Unit Billed Services: None		
Service	Service Type	Clarifications
Utility (electricity, potable water, sanitary waste treatment, fire suppression water, storm sewer, natural gas, dry air, chilled water, steam, and nitrogen)	Mandatory	The OSMS Contractor is the only authorized provider of this service.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0027	Nuclear Material Control and Accountability (MC&A)	Service	Provide and receive service and receive input	Provide input	Provide input	Receive service and provide input	Receive service and provide input
Service Description: Provide Nuclear MC&A Program in accordance with DOE O 474.2A, <i>Nuclear Material Control and Accountability</i> . ISS Contractor ensures SSP incorporates security measures for MC&A materials and products.							
OSMS Contractor shall: • Develop, maintain, and obtain concurrence from OSC on the MC&A Plan(s); • Develop, maintain, and obtain approval from OSC on site-level plans and procedures governing the MC&A program; • Provide material accounting and reporting services; • Conduct programmatic coordination, testing, and verification of possessing contractor adherence to the requirements; • Conduct self-assessment of the MC&A program and provide self-assessment reports and any resulting corrective action plans (CAPs) to the Officially Designated Security Authority (ODSA) for inclusion in the Annual Comprehensive Site Assessment Report submitted to the DOE Officially Designated Federal Security Authority (ODFSA); and • Provide and maintain data entry to a Nuclear Material Local Area Network Material Accountability System (LANMAS)-based accounting program for all PPPO-contractor nuclear operations. OSC shall: • Review and concur on MC&A plans per mutually agreed upon schedule; • Develop and maintain MC&A Program implementing procedures; • Comply with the requirements of the MC&A Plan and procedures for protection and accountability of material; • Work to develop mutually agreed upon schedules and integrate MC&A requirements with other plans, projects/programs, and activities at all lifecycle stages and coordinate with OSMS contractor; • Identify custodians and implement MC&A requirements in accordance with approved MC&A Plans; • Manage accountable nuclear material in accordance with approved MC&A Plans and develop corrective action plan to address noncompliance/deficiencies; and • Execute analysis measurement techniques for MC&A purposes within OSC facilities.							
Funding for Services: OSMS MC&A Program services are funded under the OSMS Contract.							

Unit Billed Services: None							
Service			Service Type		Clarifications		
MC&A Program services			Mandatory		The OSMS Contractor is the only authorized service provider for this service.		
Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0028	Protective Force Services	Service / Information	Provide service and receive input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input
Service Description: Provide 24/7 Protective Force (PF) services in accordance with DOE O 473.2A, <i>Protective Force Operations</i> .							
OSMS Contractor shall: • Provide 24/7 security services per the respective sites SSP and SRA. • Staff and conduct random inspections for the deterrence and detection of Prohibited and Controlled Articles; • Provide 24/7 site security alarm monitoring, surveillance and response; and • Provide PF chapter of the SSP as well as the compilation of assessment findings and observations for security site roll-up assessment. OSC shall: • Comply with PF direction; • Responsible for ensuring personnel compliance with the respective site random inspection programs; • Provide facility, operational, and system configuration changes that may affect Protective Force operations; and • Submit requests for protective force services consistent with the OSMS scope of work.							
Funding for Services: PF services are direct funded under the OSMS Contract.							
Unit Billed Services: Basic level of service provided, although special request and/or services beyond the base case for service will drive additional cost allocable to the requester.							
Service			Service Type		Clarifications		
Protective Force Services			Mandatory		The OSMS Contractor is the only authorized service provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0029	Criticality Accident Alarm System (CAAS) Services	Service	Receive service and provide input	NA	NA	Provide service and receive input	NA
Service Description: Operate, maintain, repair, and ensure operational capability for the CAAS.							
D&D Contractor shall: • Establish, in conjunction with OSC, a services agreement for CAAS services; • Maintain and verify operability of the CAAS; • Plan and schedule maintenance; • Calibration of the Californium source and replacement of sources as needed; • Coordinate and communicate system outages with OSC; and • Maintain configuration control and all CAAS related drawings current. OSC shall: • Establish, in conjunction with D&D Contractor, a services agreement for CAAS services; • Coordinate for the provision of services (including design change requests) and provide access to facilities for S&M; • Coordinate facility maintenance/operations activities that may impact CAAS operability (e.g., electrical outages that might impact CAAS equipment); • Identify and report observed deficiencies; • Notify D&D Contractor when existing CAAS audibility may be deficient; • Provide alternate coverage and audibility when needed; and • Be responsible for fulfilling Safety Basis requirements; that includes facility nuclear criticality and nuclear safety.							
Direct Funded Services: CAAS services are direct funded through D&D Contract.							
Unit Billed Services: None.							
Service			Service Type		Clarifications		

CAAS Services			Mandatory		The D&D Contractor is the only authorized service provider for this service.		
Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0030	Plant Site-wide Radio, Public Address, and Public Warning Systems Services	Service	Provide service and receive input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input
Service Description: Provide a site-wide radio system, public address system, and public warning system.							
OSMS Contractor shall: • Provide radio services including two-way, fire dispatch, safety and emergency preparedness, security systems and infrastructure; • Provide radios and extended hardware (e.g., charging stations, belts, accessories, etc.) to OSC; • Calibrate and program radio sets; • Maintain and test the site's Public Warning Systems; and • Maintain and test the site's Public Address System. OSC shall: • Identify required needs for use of system and operational communication equipment; • Report and return damaged or inoperable radios to OSMS; and • Maintain speakers, support equipment, and required audibility within assigned facilities.							
Direct Funded Services: Plant Site-wide Radio, Public Address, and Public Warning Systems are direct funded through OSMS Contract. Additional inventory is at the expense of the OSC. Approximately 1,000 radios are in inventory at PAD and approximately 1,500 radios are in inventory at PORTS. An accurate radio inventory can be determined during contract transition.							
Unit Billed Services: None							
Service			Service Type		Clarifications		

Plant Site-wide Radio, Public Address, and Public Warning Systems Services	Mandatory	The OSMS Contractor is the only authorized service provider for this service.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0031	Hazardous Energy (Lockout/tagout) Excavation and Penetration Permits	Service/ Information	Provide service and receive input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input
Service Description: Site-wide standards and procedures are established and maintained to ensure common safety processes for worker safety through a partnership between contractors for site-wide Excavation Permitting and Hazardous Energy (Lockout/tagout). OSMS Contractor shall: • Lead a coordinated effort with the OSC through the Shared Site process to identify site-wide standards and procedures applicable to OSC. Safety standards and procedures shall be developed and used in partnership with the OSC to ensure common safety processes for worker safety for hazardous energy (lockout/tagout), excavation and penetration permits; • Provide and maintain a centralized repository/file for management of the standards and procedures developed for hazardous energy, excavation, and penetration permits and corresponding documentation and allow OSC access; • Lead, review, and revise the standards and procedures in conjunction with the OSC no less than annually by all site contractors; • Shall coordinate through the Shared Site process and negotiate any changes to the site-wide standards and procedures; and • Responsible for managing site excavation and penetration permit program. OSC shall: • Approve the site-wide standards and procedures for hazardous energy (lockout/tagout), excavation, and penetration permits and develop internal implementing procedures (only affected OSC); • Develop excavation and penetration permits in accordance with excavation permit program. • Participate in safety activities/initiatives where appropriate; • Maintain responsibility for implementing approved site-wide standards and procedures internally; • Review the site-wide standards and procedures in conjunction with the OSMS Contractor no less than annually by all site contractors; • Assign a point of contact to interface with the OSMS Contractor regarding the site-wide standards and procedures repository/file; and • Develop and submit to the OSMS Contractor, for inclusion in the site-wide standards and procedures repository/file, tenant- and/or facility-specific procedures.							

Direct Funded Services: Hazardous Energy and Excavation and Penetration Program activities are direct funded through OSMS Contract.		
Unit Billed Services: None		
Service	Service Type	Clarifications
Hazardous Energy and Excavation and Penetration Permits	Mandatory	OSC are responsible for LOTOs and excavation and penetration permits within its assigned facilities.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0032	Railroad Services	Service/ Information	Provide service and receive input	NA	NA	Receive service and provide input	Receive service and provide input
Service Description: Inspect, maintain, and operate the rail system at PORTS and PAD, including maintenance, planning, operation, and coordination of rail movements. Includes all rail up to changeover to commercial railroad maintenance.							
OSMS Contractor shall: • Maintain the track at the established Site Class level including, but not limited to, rails, ties, and rail bed in accordance with Federal Railroad Administration regulations; • Coordinate with OSC any necessary outages; and • Maintain railroad and road intersections (including culverts and storm water systems) to ensure the safety of vehicles crossing the intersection. OSC shall: • Coordinate with and provide input to OSMS on usage; • Coordinate with OSMS if implementing modifications which potentially affect operation of system; and • Responsible for working with OSMS to develop mutually agreed upon schedules for needed support.							
Direct Funded Services: Railroad Services are direct funded through OSMS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Railroad Services			Mandatory		The OSMS Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor																																				
0033	Dosimetry Services	Service/ Information	Provide service and receive input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input																																				
Service Description: Provide an internal and external dosimetry services that meets the requirements of the National Voluntary Laboratory Accreditation Program and DOE Laboratory Accreditation Program.																																											
OSMS Contractor shall: • Establish, in conjunction with OSC, a service agreement for dosimetry services; • Provide and analyze optically stimulated luminescence (OSL) dosimeters and personal nuclear accident dosimeters (PNADS); • Coordinates bioassay collection and analysis; and • Provide results of TLD analysis to individual. OSC shall: • Establish, in conjunction with OSMS, a service agreement for dosimetry services; • Identify personnel requiring dosimetry services and request service from the OSMS Contractor; and • Identify needed bioassay monitoring needs.																																											
Direct Funded Services: Dosimetry Program is direct funded through the OSMS Contract.																																											
<table><tr><th>Ports Organization*</th><th>TLDs</th><th>PNAD</th><th>Bioassay</th></tr><tr><td>D&D – this includes DOE, subcontractors issued TLDs under D&D contractor</td><td>1750 – Semi-Annual 120 – quarterly</td><td>1500 - annually</td><td>300 – total per year (Lists are issued quarterly)</td></tr><tr><td>OSMS – includes DOE, subcontractors issued TLDs under OSMS contractor</td><td>225 - quarterly</td><td>N/A</td><td>400 – total per year (Lists are issued quarterly)</td></tr><tr><td>PORTS ISS – includes DOE, subcontractors issued TLDs under ISS contractor</td><td>135 – Semi-Annual</td><td>Included in D&D numbers</td><td>Typically zero, but no more than 10 per year</td></tr><tr><td colspan="4"></td></tr><tr><th>Paducah Organization</th><th>Dosimetry</th><th>PNAD</th><th>Bioassay</th></tr><tr><td>D&R– this includes DOE, subcontractors issued TLDs under D&R contractor</td><td>1100 Active Personnel 40 Visitors</td><td>400 Annual Changeouts</td><td>1,800 tests/year</td></tr><tr><td>OSMS – includes DOE, subcontractors issued TLDs under OSMS contractor</td><td>275 Active Personnel 40 Visitors Quarterly Change-outs</td><td>N/A</td><td>100 tests/year</td></tr><tr><td>PAD ISS – includes DOE, subcontractors issued TLDs under ISS contractor</td><td>130 Active Personnel</td><td></td><td></td></tr></table>								Ports Organization*	TLDs	PNAD	Bioassay	D&D – this includes DOE, subcontractors issued TLDs under D&D contractor	1750 – Semi-Annual 120 – quarterly	1500 - annually	300 – total per year (Lists are issued quarterly)	OSMS – includes DOE, subcontractors issued TLDs under OSMS contractor	225 - quarterly	N/A	400 – total per year (Lists are issued quarterly)	PORTS ISS – includes DOE, subcontractors issued TLDs under ISS contractor	135 – Semi-Annual	Included in D&D numbers	Typically zero, but no more than 10 per year					Paducah Organization	Dosimetry	PNAD	Bioassay	D&R – this includes DOE, subcontractors issued TLDs under D&R contractor	1100 Active Personnel 40 Visitors	400 Annual Changeouts	1,800 tests/year	OSMS – includes DOE, subcontractors issued TLDs under OSMS contractor	275 Active Personnel 40 Visitors Quarterly Change-outs	N/A	100 tests/year	PAD ISS – includes DOE, subcontractors issued TLDs under ISS contractor	130 Active Personnel		
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*Numbers will change per contractor once transition occurs.																																											

Unit Billed Services: None		
Service	Service Type	Clarifications
Dosimetry Services	Mandatory	The OSMS Contractor is the only authorized provider of this service.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0034	Laundry Services	Service	Receive service and provide input	Receive service and provide input	NA	Provide service and receive input	NA
Service Description: Provide laundering services for company provided clothing and towels.							
PORTS D&D Contractor shall: • Establish, in conjunction with OSC, a services agreement for laundry services; • Provide laundry services; and • Coordinate with OSC to supply needed services. OSC shall: • Establish, in conjunction with OSMS, a services agreement for laundry services; • Coordinate drop-off of used garments and pick-up of cleaned garments; and • Provide routine projection of usage.							
Direct Funded Services: Laundry Services is direct funded through the D&D Contract. Laundry service is required for approximately 70 ISS personnel.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Laundry Services			Optional				

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0035	Disposition of Waste	Service/ Information	Provide service and receive input	Receive service and provide input	NA	Receive service and provide input	NA
Service Description: Manages and operates waste collection and disposition.							
OSMS Contractor shall: For Sanitary Waste: - Provide site-wide collection points (dumpsters) and disposal of routinely generated sanitary waste from other contractor facilities for transport off site for disposal. For ISS Waste: - Receives, stores, and dispositions all waste generated from the ISS Contractor S&M activities including sanitary, low level waste, and potentially hazardous waste. OSC shall: - Notify and coordinate anticipated waste generation with OSMS; - Responsible for compliantly managing all waste it generates, to include compliance initial characterization, storage and accumulation, and support for final disposition; and - Utilize OSMS dumpsters located on site for waste collected within assigned facilities.							
Direct Funded Services: Disposition of Waste is direct funded through the OSMS Contract. The off-site disposition of sanitary/industrial waste is estimated to be 20,300 ft ³ . The estimated total waste generated by ISS is 13,200 ft ³ annually with a breakdown of 40% Hazardous, 40% Universal, 15% Recycle, and 5% LLW.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Disposition of Waste			Mandatory		The OSMS Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0036	S&S – Program	Service/ Information	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: S&S Program Management provides formal organized processes for planning, performing, assessing, and improving the secure conduct of work in accordance with risk-based protection strategies.							
PAD ISS Contractor shall: • Maintain the DBT vulnerability and SRA and obtain information from OSC when needed; • Develop, with support and concurrence from the OSC, S&S site policy and implementing plans and procedures governing the S&S program for all PAD facilities; and • Develop, integrate, execute, and evaluate the processes and services that comprise the S&S Program Management, such as Program Planning, Oversight, and Administration; ; Site Security Plan; and safeguards and security training. OSC shall: • Provide information for SRA (e.g., FoF, Performance Testing, Programmatic Assessments, etc.) and comply with DBT requirements and SSP; • Support the development of S&S requirements in the project and site plans and procedures; and provide concurrence, and implement applicable requirements; • Provide local FSO to support PAD ISS integrated security programs; and • Implement and manage programs to implement self-assessments, resolution of S&S findings, and security incident reporting and management in accordance with S&S plans and procedures.							
Funding for Services: S&S Program services are direct funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
S&S Program Services			Mandatory		The ISS Contractor is the only authorized service provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0037	Safeguards & Security – Awareness	Service/ Information	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Provide S&S Awareness to site personnel to communicate site security awareness information and promote good security practices. Develop, implement, and maintain the S&S Awareness Program in accordance with the requirements of DOE O 470.4, <i>Safeguards and Security Program</i> .							
PAD ISS Contractor shall: • Issue and maintain site policies and implementing plans, and procedures governing the S&S Awareness program on a common platform available to OSC; • Develop and conduct Security Awareness training, briefings, bulletins, etc. to maintain appropriate levels of security awareness for all site workers. Including the following: 1) Initial Security Awareness; 2) Comprehensive Briefing(s); 3) Refresher Briefing(s), to include the PPPO provided or other approved Annual Security Refresher Briefing method for cleared and uncleaned personnel; 4) Security Clearance Termination Briefing(s); and 5) Supplemental Security Awareness Information/Material; • Notify OSC of personnel delinquent training requirements; and • Curtail access for non-compliant personnel with notification. OSC shall: • Support the development of Security awareness policies and procedures; and provide concurrence, and implement applicable requirements; • Maintain compliance with all ISS Security Awareness policies, plans, and procedures; • Ensure personnel complete all mandatory training; and • Ensure all personnel receive required information, security awareness bulletins, and articles, as distributed by the ISS Contractor.							
Funding for Services: S&S Awareness services are funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
S&S Awareness			Mandatory		The ISS is the only authorized service provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0038	Safeguards & Security - Physical Protection	Service/ Information	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Physical Protection Programs support the protection of government property as well as accountable quantities of nuclear material and Special Nuclear Material (SNM) and classified matter and information. The program is maintained in accordance with the requirements of DOE Order 473.1A, <i>Physical Protection Program</i> .							
PAD ISS Contractor shall: • Provide guidance and requirements for the security design of facilities (such as Category III SNM locations, radiological/chemical/biological sabotage targets, and classified matter and information); • Coordinate to ensure compliant installation and maintenance of security systems for all facilities with significant safeguard and security assets; • Provide performance testing, intrusion detection assessments, entry/access control assessments; and Provide and administer a program for physical security lock and key program (Level 1, 2, and 3 locks and keys). OSC shall: • Work to develop mutually agreed upon schedules and provide information regarding physical and operational changes ahead of configurations for any changes that may affect physical security; • Request security lock and key services; • Allow access to facilities for ISS to provide services; • Responsible for distribution and collection of any security level locks and keys assigned under the ISS program; and • Provide input to programs and policies as required/requested and comply with the Physical Protection Program.							
Funding for Services: Physical protection services are direct funded under the ISS Contract.							
Unit Billed Services: Physical Security Services supporting special mission requests are unit billed. OSC shall bear the costs of physical security upgrades.							
Service			Service Type		Clarifications		
S&S Physical Protection Services			Mandatory		The ISS Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0039	Safeguards & Security – Information Security (INFOSEC)	Service/ Information	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Provide Information Security Program that includes OPSEC and CMPC.							
PAD ISS Contractor shall: - Nominate a qualified Contractor Classification Officer for ultimate appointment by DOE Office of Classifications Director to administer the Classification and Declassification Program for PAD contractors; - Classification Officer appoints Technical Information Officer to perform public release reviews, as appropriate; - Provide training and approval for Derivative Classifiers and Reviewing Officials; - Implement a site-wide program for INFOSEC; - Provide the Annual Site OPSEC Threat Assessment and prepare the annual OPSEC Plan; - Provide trained and authorized personnel to conduct inquiries for incidents of security concern (IOSC), including reporting IOSC into official database; and - Identify site facilities that require Technical Surveillance and Countermeasures (TSCM) Services. OSC shall: - Comply with the requirements of the Information Security program; - Nominate a sufficient number of Derivative Classifiers, Reviewing Officials, and Technical Information Officers (who shall be trained and approved by ISS) to accomplish scope; - Implement and support the OPSEC Program (e.g., participate in working/awareness groups, provide support to assessments, support preparation of the annual plan, etc.); - Support the Annual Site OPSEC Threat Assessment; - Maintain an updated list of security containers, locations, and custodians; and - Provide assistance and support to include facility access as needed to implement IOSC Program.							
Funding for Services: S&S INFOSEC services are funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		

S&S INFOSEC Services			Mandatory		The ISS Contractor is the only authorized provider for this service.		
Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0040	Safeguards & Security – Personnel Security (PERSEC)	Service/ Information	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Provide a Personnel Security Program in accordance with DOE O 472.2, <i>Personnel Security</i> .							
PAD ISS Contractor shall: • Issue and maintain site policies, implementing plans and procedures, and execution of the Personnel Security Program; • Process and issue all security badges to include local site specific only (LSSO) badges (i.e., requesting, obtaining, maintaining, downgrading and terminating security badges and clearances); • Ensure annual, comprehensive, and termination briefings are conducted; and • Review of each requested clearance action to ensure adequate information is provided. OSC shall: • Comply with the site policies, implementing plans and procedures of the Personnel Security Program (e.g., drug screens, suitability for employment, DOE EQUIP) and other requirements of the Personnel Security Program; • Responsible for requesting clearance and providing necessary paperwork including adequate justification pursuant to ISS procedures; • Ensure annual, comprehensive, and termination briefings are completed; and • Provide proper and timely notification of HR/Legal personnel actions.							
Funding for Services: S&S PERSEC services are direct funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
S&S PERSEC Services			Mandatory		The ISS Contractor is the only authorized provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0041	Safeguards & Security – Foreign Visits and Assignments (FVAs)	Service/ Information	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: The Unclassified Foreign National Access Program in accordance with DOE O 142.3, <i>Unclassified Foreign National Access Program</i> .							
PAD ISS Contractor shall: • Issue and maintain site policies, implementing plans and procedures governing the FVA Program; • Process Security Plans for foreign visitors, coordinate FVA requests, and submit for approval; and • Train foreign nationals and their sponsors on site access and other procedures. OSC shall: • Comply with the site policies, implementing plans and procedures of the FVA Program; • Notify ISS of potential foreign visitor or assignment; and • Prepare and submit security plans to ISS for processing of the visit/assignment.							
Funding for Services: S&S FVA services are direct funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
S&S FVA Services			Mandatory		The ISS Contractor is the only authorized provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0042	Export Control Information (ECI) Program	Service/ Information	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Implement an ECI Program (inclusive of all site contractor and DOE activities) to comply with export control policies for applicable activities such as procurement, property transfers, and waste disposition.							
PAD ISS Contractor shall: • Issue and maintain site policies and implementing plans, and procedures for the ECI Program; • Provides training for site contractors on applicable implementing plans and procedures, technical assistance and serves as a subject matter expert in this area; • Coordinate to develop mutually agreed upon schedules for ECI reviews; and • Perform assessments of the effectiveness of the site-wide ECI Program. OSC shall: • Implement and comply with ECI policies, plans, and procedures, as applicable; • Ensure training is completed for required individuals in accordance with implementing plans and procedures; • Provide information needed for determinations and work to develop mutually agreed upon schedules for ECI reviews; and • Provide access and information as needed to facilitate program assessments.							
Funding for Services: ECI Program services are direct funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
ECI Program			Mandatory		The ISS Contractor is the only authorized provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0043	Telephone Services	Service	Optional	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Telephone services function consists of the site landline telephone exchange activities (PBX). Does not include Telephone Services for the DUF6 Conversion Facilities footprint or VOIP system. Service is also provided to the following facilities: offsite Emergency Operations Center Kevil Rudolph Building 951 Kentucky Ave Kevil; PGDP Site 5600 Hobbs Road Kevil-Ky T1 Services; PBX Modem line; JIC ; PGDP service/dedicated outbound; Fuel Station; and C-613 Sedimentation Basin; 5600 Hobbs Road.							
PAD ISS shall: • Establish, in conjunction with OSC, a service agreement for telephone services including operating instructions/procedures; • Maintains and operates the PAD administration/PBX telephone system and all associated equipment (including telephones); and • Perform maintenance and repair of all installed communication lines up to and including the end user receptacle for all buildings assigned to the D&R or ISS contractor. OSC shall: • Establish, in conjunction with ISS, a service agreement for telephone services; • Utilize the system in accordance with ISS instructions/procedures; • Request and coordinate with ISS for services, including installation of additional service lines if needed; • Allow access to facilities for services; and • Interface and provide feedback on system capabilities/availability.							
Funding for Services: Telephone services are direct funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Telephone Services			Mandatory (with exception of OSMS)		The ISS is the only authorized provider of landline telephone services via the PAD PBX system.		

Telephone Services	Optional for OSMS	If desired, OSMS may enter into a work authorization with the ISS for this service.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0044	Mobile Devices	Service	Provide service and receive input	NA	Receive service and provide input	NA	Receive service and provide input

Service Description:

Provide Mobile Device Management (MDM) Services and approved cellular devices, e.g., tablets, hot spot devices associated with connecting to the GDP General Support System (GSS).

OSMS Contractor shall:

- Establish, in conjunction with OSC, a services agreement for mobile device services and re-evaluate service needs on a quarterly basis;
- Provides devices; and
- Develop and maintain user agreements/procedures for devices.

OSC shall:

- Establish, in conjunction with OSMS, a services agreement for mobile device services;
- Obtain all services and mobile devices from OSMS required to access GDP GSS; and
- Use devices in accordance with OSMS procedures.

Funding for Services:

Mobile device services are direct funded under the OSMS Contract.

Unit Billed Services:

None

	Service Type	Clarifications
Mobile Devices	Mandatory	The OSMS Contractor is the only authorized provider for this service. OSC can acquire their own mobile devices; however, any mobile devices expected to be connected to the GDP GSS network shall be obtained through the OSMS Contractor
Mobile Devices	NA	

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0045	General Support System Services (Network Communication) and Applications Deployment	Service	Provide service and receive input	NA	Receive service and provide input	NA	Receive service and provide input
Service Description: The GDP GSS network infrastructure that supports the data processing needs includes the Local Area Networks (LANs) (including VOIP) and Wireless Local Area Networks (WLANs). This service also consists of data center requirements to include: primary computing facility and backup computing facility, and IT storage services (digital storage and hardware storage). Provide a standalone National Security Systems (NSS). Provide separate internet service for the following facilities: JIC , West Paducah; Rudolph Building 951 Kentucky Ave Kevil; and C-100 Second Floor DOE Area. Note: The separate GSS for the DUF6 Conversion Facilities footprint is not covered under this service.							
OSMS Contractor shall: • Establish, in conjunction with OSC, a services agreement for GDP GSS services; • Establish requirements for connection to the network and NSS; • Provide the following network infrastructure services: ○ administration, management, and maintenance; ○ internet support service; ○ data center facility; ○ technology support for hardware and software; ○ training for networking; ○ user account creation and management; ○ email server administration and support; ○ provides, installs, set-up, and maintains computers (desktops and thin clients); ○ performs maintenance and repair of all onsite installed data/communication lines, including switches or routers, up to and including the end users (onsite) receptacle (jack); ○ provide network customer service and helpdesk support; ○ provides network file storage to ensure sufficient capacities are allocated to user organizations; and ○ supports remote access for personnel (such as VMware access, does not include equipment for remote personnel). • Provides application management services to ensure efficient and appropriate deployment of network applications;							

- Provides core software (e.g., Adobe Acrobat DC/Reader, Chrome, Entrust, Firefox, Microsoft Office (Word, Excel, PowerPoint, Outlook, Access, Outlook), SharePoint, Skype); and
- Coordinate with OSC to address requests for additional services.

OSC shall:

- Establish, in conjunction with OSMS, a services agreement for GDP GSS services;
- Comply with all requirements for connectivity to the network defined by the OSMS;
- Complete all necessary training;
- Provide input and feedback to standards updates;
- Interface and coordinate with OSMS on proposed changes;
- Provide new installation of data wiring and additional system requirements to support its operations;
- Make requests for additional services beyond direct funded service level, as applicable.
- Purchase of specialty hardware/software/development of non-enterprise applications to be connected to the GSS;
- Meet OSMS requirements for specialty applications and provide to OSMS to be loaded onto the GSS;
- Responsible for ensuring any specialty software meets software quality assurance requirements, and
- Coordinate permissions for user access to its specific specialty software/applications.

Funding for Services:

GDP GSS network is direct funded to the OSMS Contractor.

Unit Billed Services:

None

Service	Service Type	Clarifications
General Support System Services and Applications Deployment	Mandatory	Physical and virtual file servers, initial or refreshed, supporting the infrastructure and shared application file servers will be provided by the OSMS Contractor. OSC can acquire their own computing devices, however, any devices expected to be connected to the network shall be obtained through the Contractor.
General Support System Services and Applications Deployment	NA	NA

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0046	Cyber Security Program	Service	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input
Service Description: The Cyber Security Program provides management, coordination, and expertise for areas related to information assurance (“cyber” or “cyber security”) for government-owned systems, including General Support Systems (GSS). These systems also identify and protect classified, unclassified, and sensitive information generated, processed, and stored. The cyber security program is aligned with the National Institute of Standards and Technology (NIST) Risk Management Framework (RMF). This is not the operation of IT systems for other contractors. This is development of programmatic documents and requirements that other contractors follow to meet cyber security requirements while managing the PPPO IT systems associated with their contract scope.							
The TSS Contractor shall: • Manage the PPPO Cyber Security Program for all DOE Prime Contractors and their subcontractors at PPPO sites; • Develop and obtain concurrence from OSC on the System Security Plans; • Provide Cyber Security-related policies, plans, and procedures applicable to PPPO OSCs; • Manage and coordinate the information system authorization process (Authorization to Operate (ATO)) in coordination with external entities performing assessment activities; • Manage the continuous monitoring process in coordination with external entities performing assessment activities; • Perform cyber security incident investigation, analysis, and response coordination between internal and external entities; and • Perform vulnerability management activities such as identification, analysis, and establishing priority for remediation. OSC shall: • Review and concur on applicable System Security Plan; • Comply with Cyber Security Policies, plans, and procedures provided by the TSS contractor; • Develop implementing information technology procedures for Cyber Security policies, plans, and procedures provided by the TSS contractor; • Operate the GSS and Industrial Control Systems associated with the contract scope in accordance with approved Cyber Security Policies, plans, and procedures. • Coordinate with the TSS contractor and PPPO when information system authorization services (ATO) are required; • Coordinate with the TSS contractor and PPPO during information system continuous monitoring activities; and • Remediate vulnerabilities in mission applications and systems based on a priority established by the TSS contractor and PPPO.							
Funding for Services: Cyber Security services are direct funded under the TSS Contract.							
Unit Billed Services: None							

Service			Service Type		Clarifications		
Cyber Security services are direct funded under the TSS Contract.			Mandatory		The TSS Contractor is the only authorized provider for the Cyber Security Program.		
Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0047	Cyber Security – Supply Chain Services	Service	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input
Service Description: Cyber security supply chain analysis is critical in ensuring the confidentiality, integrity, and availability of mission applications, information, and information systems under the Contractor’s cognizance. The cyber security supply chain analysis process is implemented by the contractor following applicable requirements from the National Institute of Standards and Technology, Department of Energy Orders, the Environmental Management Cyber Security Program Plan, and the Portsmouth/Paducah Project Office Cyber Security Program Plan.							
The TSS Contractor shall: - Establish, in conjunction with OSC, a service agreement for Cyber Security – Supply Chain services, allowing for sufficient time for Headquarters analysis for the software and organizations involved; and - Process requests from OSC and coordinate detailed supply chain analysis with the Federal Office, Counterintelligence, and Headquarters elements, and provide response to OSC. OSC shall: - Establish, in conjunction with the TSS, a service agreement for Cyber Security – Supply Chain services; - Implement a local program to analyze publicly available cyber security related supply chain information related to hardware and software that is a component of a mission application or site information system; and - Responsible for working with TSS to develop mutually agreed upon schedules.							
Funding for Services: Cyber Security services are direct funded under the TSS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Cyber Security services are direct funded under the TSS Contract.			Mandatory		The TSS Contractor is the only authorized provider for Cyber Security – Supply Chain Services.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0048	GDP GSS Copier Services	Service	Optional	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Provide copier and printer hardware and supplies for the ISS GDP GSS. OSMS DUF6 Conversion Facilities currently operate from a separate GSS network.							
PAD ISS Contractor shall: • Provide, install, set-up, and maintain hardware (e.g., printer, plotters, copiers) connected to the GSS; • Provide toner, ink, paper, and other consumables; and • Coordinate with OSC for drop-off of paper. OSC shall: • OSC coordinate with the ISS Contractor for any hardware (e.g., printers, plotters, copiers) connected to the GSS; • Request services as needed and provide estimate of toner, ink, paper, and other consumables; and • Identify a point of contact and drop-off location(s) for consumable delivery.							
Funding for Services: Copier Services are direct funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Copier Services			Mandatory (with exception of OSMS)		The ISS is the only authorized service provider of this service for the ISS GDP GSS.		
Copier Services			Optional for OSMS		If desired, OSMS may enter into a work authorization with the ISS for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0049	Relocation Services (Office Moves)	Service	NA	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Relocation of office furnishings and equipment associated with personnel moves for D&R Contractor personnel.							
PAD ISS Contractor shall: - Provide relocation of office furnishings and equipment to include, but not limited to, coordination with site services (e.g., office set-ups, office key, janitorial services, etc.); - Provide minor and miscellaneous furniture moving and fixture installation, removal or adjustment (e.g., hanging a white board, installing a keyboard tray under a desk, replacing a bookcase or file cabinet) of furniture; and - Track service hours provided. OSC shall: - Request relocation services and establish mutually agreed move schedule; - Allow access to facilities for relocation services; - Coordinate for the provision of relocation services; - Ensure the personnel being relocated are prepared (e.g.; loose items packaged in box, furniture cleared, shelving emptied) for the move; and - Coordinate to track usage.							
Funding for Services: The ISS Contractor is direct funded for up to 500 direct labor hours annually (ISS Contract year) for office moves. Requests for additional services requires DOE approval.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Relocation Services			Mandatory		Coordination and movement of computer/printing equipment is covered under GSS network services.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0050	Radiological Instrumentation and Program Support - Paducah	Service	Provide service and receive input	NA	Receive service and provide input for radiological	NA	Receive service and provide input for instrumentation only Provide Program Support to ISS for D&R Facilities
Service Description: Calibrate, maintain, and perform repairs for personnel and environmental monitoring and surveying equipment assigned to other site contractors per the requirements of 10 Code of Federal Regulations § 835, <i>Occupational Radiation Protection</i> , and DOE Order 458.1, <i>Radiation Protection of the Public and the Environment</i> .							
OSMS Contractor shall: • Calibrate radiological instrumentation; and • Maintain and repair radiological instrumentation. • Maintain EPDs for CAAS outages. • Provide program support for radiological activities to PAD ISS PAD ISS shall: • Receive radiological support from OSMS for ISS activities within ISS, OSMS, and D&R areas (i.e. mowing, elevated work, records, etc. but excluding work within D&R structures/facilities) • Receive radiological support from D&R for D&R facilities (i.e. work within D&R structures/facilities, etc.) • Follow ERPP and RPP from radiological support service provider PAD D&R shall: • Provide feedback on operational needs; • For portable equipment, the user will drop-off and pick-up equipment at the OSMS on-site facility; • Responsible for working with OSMS to develop mutually agreed upon schedules; • For fixed equipment in field, the user will coordinate access and service with OSMS; and • Upon approval by CO, replace equipment which is not economically repairable or purchase of additional inventory. • Provide program support for radiological activities to PAD ISS for D&R facilities • Provide radiological support to PAD ISS for activities performed in D&R structures/facilities.							

Funding for Services: The OSMS Contractor is direct funded for this service.		
Unit Billed Services: None		
Service	Service Type	Clarifications
Radiological Instrumentation	Mandatory	

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0052	Real and Personal Property Services	Service	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Provide site-wide coordination for development of the annual submittal of the rolling Five-Year Site Plan. Provide for identification of property and guidance for disposition of high-risk excess property.							
PAD ISS shall: • Coordinate with OSC for the preparation and submittal of the annual rolling Five Year Site Plan with input from other site contractors; • Coordinate with OSC for the preparation and submittal of the Site Sustainability Plan with input from other site contractors; • Act as the lead for excess of property; • Act as the lead for FIMS; and • Coordinate and provide identification and disposition guidance support for Government owned property. OSC shall: • Provide input to development of the Five-Year Site plan and Site Sustainability Plan; • Responsible for characterization and coordinating with ISS contractor for potential high risk property reviews and for guidance on disposition of excess property; • Input data into FIMS and support annual FIMS data verification; and • Perform all sampling, surveys, reports/documentation, CERCLA, and other actions necessary to support and perform property transfers.							
Funding for Services: Real and Personal Property services are direct funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Real and Personal Property Services			Mandatory				

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0053	Custodial Services	Service	Optional	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Provides custodial service for facilities indicated in the Site Facility Responsibility Matrix, Section J, Attachment 7.							
PAD ISS shall: • Provide services including trash collection, general cleaning, vacuuming, sweeping/ mopping, sanitary waste pick-up, outdoor ashtray receptacle cleaning/replacement; and restroom cleaning per provider's contract; and • Obtain facility specific training for access. OSC shall: • Coordinate for the provision of services and obtain mutually agreed upon schedules; • Provide the PAD D&R Contractor with outdoor ashtray receptable locations for inspection and cleaning; • Allow access to facilities for services; and • Ensure facility specific training is complete prior to granting access.							
Direct Funded Services: ISS Custodial Services are direct funded.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Custodial Services			Mandatory				
Custodial Services			Optional for OSMS		If desired, OSMS may enter into a work authorization with the ISS for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0054	Roads, Parking Lots, Grounds Areas, Fencing (non-security) Maintenance, and Vegetation Control	Service	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Perform maintenance and repair of roadways, parking areas, grounds, and non-security fencing as assigned in the Facility Responsibility Matrix in Section J, Attachment 7. Note: This service excludes active construction areas (e.g.; demolition boundaries and excavation boundaries).							
PAD ISS Contractor shall: - Inspect, schedule, maintain and repair roadways (including bridges), surfaced areas, and support facilities. This includes paved and unpaved roads, streets, parking lots, sidewalks, recreational areas, erosion control, drainage systems and related areas, and associated structures and appurtenances at the PGDP; - Develop and obtain concurrence from other site contractors on the Snow and Ice Removal Plan; - Provides snow and ice removal and treatment for roads, parking lots, and sidewalks (e.g., entrances, steps, landings, sidewalks, driveways, roadways, parking areas, and handicapped accessibility areas); - Performs, interfaces and coordinates with others on providing grounds maintenance, including grass cutting, edging, grass trimming, removing leaves, inspecting, and performing minor repairs; - Maintains outfalls, ditches, and waterways free from obstructions (including removal of debris and beaver dams); - Provides pest control (e.g., control of ticks, chiggers, ants, wasps, spiders, mice, and rats) for buildings, trailers, and other structures and facilities specified in the Site Facility Responsibility Matrix and for all assigned grounds areas; - Provides for grounds removal of nuisance animals and dead animals; - Coordinate with others on activities at the site that impact others use of assets such as road and parking lot closures; and - Provides vegetation control (trimming, spraying) on areas adjacent to paved, gravel and earth roads, and yards (including railway). OSC shall: - Identify and report observed deficiencies; - Coordinate for the provision of services with mutually agreed upon schedules, and provide access and training/briefings, as needed; - Responsible for facility and area signage for assigned facilities; - Review and concur on Site Snow and Ice Removal Plan; - Coordinate on potential conflicts for grounds maintenance and maintenance activities in outfalls, ditches, railway, and waterways;							

• OSC are responsible for facility safety basis compliance (e.g., related to fire danger from adjacent vegetation); • Provides for pest control of assigned facilities as designated in the Facility Responsibility Matrix (Section J Attachment 7); and • Communicate potential conflicts with road and parking lot closures.		
Direct Funded Services: Services are direct funded under the ISS Contract.		
Unit Billed Services: Additional services can be coordinated for special request services, e.g., additional mowing events, vegetation control in non-maintained areas.		
Service	Service Type	Clarifications
Roads, Parking Lots, Grounds Areas, Fencing (non-security) Maintenance, and Vegetation Control	Mandatory	

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0056	Records Management Services	Service	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Operate and maintain the Records Management Center and electronic document system to maintain safe, compliant storage of all records (archived, newly generated, and received).							
PAD ISS Contractor shall: • Establish, in conjunction with OSC, a services agreement for records management services; • Develop, integrate, and implement a Records Management Program; • Maintain and administer sites Electronic Records Management System (ERMS); • Provide search and retrieval for records requests; and • Coordinates with OSC on required radiological protection and survey needs for potentially contaminated records. OSC shall: • Establish, in conjunction with ISS, a services agreement for records management services; • Develop contractors internal Records Management Program consistent with the requirements of the ISS Records Program; • Turnover electronic records to ISS regularly through applicable ERMS interface (e.g., SharePoint Gimmel, or Documentum) meeting ISS quality control requirements; ○ Including turnover of legacy records in electronic format for final disposition (excluding the OSMS legacy records); • Request records as needed; and • Provides radiological protection and survey needs for potentially contaminated records, including for records disposition.							
Direct Funded Services: Records Management services are direct funded through the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Records Management services			Mandatory		OSC is responsible for maintaining its records through established requirements.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0057	Environmental Information Center Operations	Service	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Operate and maintain the Paducah Environmental Information Center (EIC) in compliance with applicable requirements including CERCLA, National Environmental Policy Act (NEPA), and Resource Conservation and Recovery Act (RCRA) to provide public access of PAD documents.							
PAD ISS shall: • Maintain the applicable PAD Administrative Records; and • Operate and maintains the EIC and the Online Document Repository which provides public access to regulatory documents and reports within the Administrative Records. OSC shall: • Identify and submit documents regularly for placement in the Paducah EIC/Administrative Records meeting ISS requirements.							
Direct Funded Services: Environmental Information Center Operations are direct funded through the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Environmental Information Center Operations			Mandatory		The PAD ISS Contractor is the only authorized provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0058	Training Services	Service	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Training Services provides support, curriculum, and training delivery to contractor and subcontractor personnel of select courses.							
PAD ISS Contractor shall: - Provides training in the areas of General Employee Training, Consolidated Annual Training, and site training including: Fire Extinguisher, General User Cyber Security Awareness, Initial Security Briefing, Annual Security Refresher Briefing, Comprehensive Security Briefing, Controlled Unclassified Information, Workplace Violence/Active Shooter, Classified Matter Protection and Control, Privacy Awareness, Derivative Classified, Reviewing Official, Radworker Core Academics (initial and refresher), Radworker Site Specific (initial and refresher), Radworker I Practicals, Radworker II Practicals, DUF6 Radworker II Site Specific, and DUF6 Radworker II Practicals; and - Coordinate annual review and concurrence of training content with OSC of provided training. OSC shall: - Review and concur on content of ISS training modules; - Coordinate with ISS Contractor by providing list of personnel and forecast of upcoming training needs; - Comply with site-wide training requirements; - Ensure all personnel complete mandatory training; - Track training status and notify personnel of training needs; - Implement appropriate work restrictions for expired training; and - Provide other required training to personnel, as needed.							
Direct Funded Services: Training services are direct funded under the ISS Contract.							
Unit Billed Services: Optional Service would be billed to OSC.							
Service			Service Type		Clarifications		
Training Services			Mandatory		The PAD ISS Contractor is the only authorized provider for this service.		
Optional Training			Optional		OSC may contract with the ISS Contractor to develop and provide additional (non-standardized) training courses.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0059	On-Site Fueling Service	Service	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Manage and operate on-site refueling capability.							
PAD ISS Contractor shall: • Provide on-site refueling capability through on-site fueling stations and develop and share procedures with OSC; and • Invoice for the cost of fuel on first-in-first-out (FIFO) cost basis to each user. OSC shall: • Utilize systems in accordance with the ISS procedures; • Identify and report observed deficiencies; and • Reimburse for fuel usage on a FIFO cost basis upon receipt of a valid invoice.							
Direct Funded Services: On-Site Fueling Services are direct funded under the ISS Contract.							
Unit Billed Services: Invoiced for fuel used.							
Service			Service Type		Clarifications		
On-Site Fueling Service			Optional		The PAD ISS Contractor is the only authorized provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0060	Energy Employees Occupational Injury Compensation Program Act (EEOICPA) Services	Service	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: EEOICPA search and response services.							
PAD ISS Contractor shall: - Conduct search and retrieval services when requested for EEOICPA claims. OSC shall: - Request records searches from ISS when needed to process EEOICPA claims.							
Direct Funded Services: EEOICPA Services is direct funded through the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
EEOICPA Services			Mandatory				

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0061	Mail Services	Service	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Provide mail pick-up and drop-off from the U.S. Post Office.							
PAD ISS Contractor shall: • Establish, in conjunction with OSC, a service agreement for mail services; • Deliver incoming mail to a central point and pick-up outgoing mail for the U.S. Postal Service; • Pick-up and deliver from the local U.S. Post Office, twice daily in accordance with the dates and times in the services agreement; • Notify and coordinate with an identified point of contact to ensure delivery of certified mail; • Deliver intra office mail to OSMS; and • Operate and maintain the PAD Central mailroom (central repository), which includes processing and tracking classified mail. OSC shall: • Establish, in conjunction with ISS, a service agreement for mail services; • Drop-off outgoing and pick-up incoming mail at the central point; • Provide administrative staff responsible for mail distribution within its facility; and • Identify a point of contact for and coordinate for receipt of certified mail.							
Direct Funded Services: Mail Services is direct funded through the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Mail Services			Mandatory		OSC are responsible for their own premium mailing or package services, such as Federal Express, United Parcel Service (UPS), etc.; and outgoing US Mail postage.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0062	Offsite Providers for Utilities	Service	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: Establish and maintain contracts with utility providers to provide service to specified facilities see Table 1. <i>Table for Offsite Providers for Utilities Service.</i>							
PAD ISS Contractor shall: • Ensure utilities are provided from independent utility providers at specified facilities; and • Coordinate services between the independent utilities and end users. OSC shall: • Notify provider of service interruptions; • Responsible for working with ISS to develop mutually agreed upon schedules when needed; and • Track and identify power needs of its assigned facilities for purchase of power.							
Direct Funded Services: Utilities Services are direct funded under the ISS Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Offsite Providers for Utilities			Mandatory		The ISS Contractor is the only authorized provider for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0063	Environmental Monitoring and Site Permits	Service / Information	Receive service and provide input	NA	Receive service and provide input	NA	Provide service and receive input
Service Description: Perform site-wide environmental monitoring and coordination for submittal of environmental reports. Contractor Acceptance of Notices of Violation or Alleged Violations, Fines, and Penalties will be paid by the responsible Site Contractor, if the Contractor's operations resulted in fines or penalties.							
D&R Contractor shall: - Collect, analyze, and evaluate environmental monitoring data for the development of site-wide environmental reporting, including the Environmental Monitoring Plan, Annual Site Environmental Report, Annual National Emissions Standards for Hazardous Air Pollutant(s) report, Annual Compliance Agreement Report, and Annual Groundwater Report; - Compile and submit the Annual Hazardous Chemical Inventory Report (Emergency Planning and Community Right-to-Know Act (EPCRA) 311-312) and Annual Toxic Chemical Release Inventory Report (EPCRA 313) with OSC input; - Coordinate with OSC to ensure the appropriate information is included for OSC portions of the reports; - Receive input from and seek concurrence/certification from other site contractors on permit activities for site-wide environmental areas identified; - Manage and conduct environmental monitoring services both on-site and off-site of air, soils, and water; and - Provide processing of Solid Waste Management Unit (SWMU) Notifications with regulatory agencies; OSC shall: - Obtain and manage any necessary permits and provide copies to the D&R Contractor; - Provide input and project/facility specific data for site-wide environmental reports by the requested date such that deliverable dates are met; - Notify D&R Contractor during planning phase of any new or changing processes or operations that may impact permit requirements; - Provide notification of expected work in SWMU within 30 days of planned project start; and - Provide access to facilities/areas requiring monitoring/sampling.							
Direct Funded Services: Site-wide environmental monitoring services are direct funded.							
Unit Billed Services:							
Service			Service Type		Clarifications		

Environmental Monitoring and Site Permits	Mandatory	The D&R Contractor is the only authorized provider for this service. OSMS is responsible for any required permits associated with their work activities. At Paducah, the OSMS and D&R will be co-permittees for Outfalls 004, 008, 013, and 017.

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0064	Disposition of Waste	Service / Information	NA	NA	Receive service and provide input	NA	Provide service and receive input
Service Description: The service includes management of waste generated during S&M and Infrastructure activities.							
PAD D&R Contractor shall: - Provides final characterization, packaging, labeling, and final disposition of all acceptable waste (e.g., not sanitary waste). OSC shall: - Coordinate with D&R for storage, treatment, and disposal of non-sanitary generated waste.							
Direct Funded Services: Waste services are direct funded.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Waste Services			Mandatory		The PAD D&R Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0065	Shredding Service	Service / Information	Receive service and provide input	NA	Provide service and receive input	NA	Receive service and provide input
Service Description: The service includes disintegrating (shredding) of site records. This may include processing documents from Lexington or Portsmouth.							
PAD ISS Contractor shall: - The Contractor personnel shall operate the site wide shredder system located in the C-106 shredder facility and properly dispose of the shredded material. Operations shall be performed in compliance with shredder procedures, instructions, and interface agreements. - Maintenance at the C-106 Shredder facility will include preventative maintenance of the shredder and HVAC system. This also includes weekly recycle disposal at an off-site recycle facility. - The Contractor shall collect documents to be shredded from the other site contractors on a schedule determined by the Contractor. This will be at least once per week. OSC shall: - Have bins for documents to be shredded in a readily accessible location for the ISS Contractor to collect for document disposal at a time set by the ISS Contractor per week.							
Direct Funded Services: None – Projects will pay directly for their services received.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Document Shredding			Mandatory		The PAD ISS Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0066	Security Automated Access Control System	Service / Information	Provide service and receive input	Receive service and provide input	Receive service and provide input	NA	Receive service and provide input
Service Description: The service includes: • Management of PPPO AACS sub network for the overall GSS. • Provide the AACS platform and software for all PPPO sites. • Evaluate AACS hardware selections by other sites to ensure compatibility with the overall AACS. • Coordinate the functionality of the AACS with the OSC.							
OSC shall: • PAD ISS Contractor will procure AACS hardware and perform design work for new equipment for the Paducah site. • PORTS ISS Contractor will procure AACS hardware and perform design work for new equipment for the Portsmouth site. • TSS Contractor will procure AACS hardware and perform design work for new equipment at the Lexington office. • Portsmouth and Paducah ISS contractors will maintain the physical portion of their AACS but will coordinate all hardware changes with the OSMS contractor to ensure compatibility with the overall AACS. • Portsmouth ISS, Paducah ISS and TSS contractors will maintain functionality and reliability of day to day operations for their AACS. • Update the OSMS contractor on any changes to either site GSS or the overall GSS that may impact the functionality of or the interconnectivity of the AACS.							
Direct Funded Services: AACS Management is direct funded.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
General Site Services- Security Automated Access Control System (AACS)			Mandatory		OSMS is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0067	X-750 Garage Services	Service	Optional	Optional	NA	Provide Service and Receive Input	NA
Service Description: The service includes garage maintenance services for GSA and heavy equipment.							
PORTS D&D Contractor shall: - Provides garage services for GSA fleet and heavy equipment for their own use and other site contractors. OSC shall: - Coordinate with D&D contractor for required maintenance.							
Direct Funded Services: Garage services are billed out through work authorizations							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Garage Services			Mandatory (with exception of OSMS)		The D&D Contractor is an authorized provider of this service.		
Garage Services			Optional for OSMS		If desired, ISS and OSMS may enter into a work authorization with the D&D for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0068	Garage Services	Service	Optional	NA	Provide service and receive input	NA	Optional
Service Description: The service includes garage maintenance services for GSA and heavy equipment.							
PAD ISS Contractor shall: - Provides garage services for GSA fleet and heavy equipment for their own use and other site contractors. OSC shall: - Coordinate with PAD ISS for required maintenance.							
Direct Funded Services: Garage services are billed out through work authorizations							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Garage Services			Optional for OSMS and D&R		If desired, OSMS or D&R may enter into a work authorization with the contractor for this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0069	Satellite Phone Service	Service / Information	Provide service and receive input	NA	NA	Receive service and provide input	Receive service and provide input
Service Description: The service includes management of satellite phone operations for the DOE personnel.							
OSMS Contractor shall: • Laminated cards with contact information shall be developed for all satellite phone users. The Contractor shall include all satellite phone numbers on the cards and work with the PPPO sites to determine additional numbers to be included and corrections to current phone data. • Phones shall be pre-programmed with contact names and numbers. • Equipment shall be assigned a lifecycle for replacement. • Phone functionality shall be tested quarterly. If new or replacement satellite phones are requested, the Contractor shall procure and provide satellite phones and service to the locations and/or individuals. All new phones shall be consistent in make and model. Base stations associated with satellite phones located in Portsmouth will be installed by others. DOE and other authorized users shall coordinate with OSMS for needed repairs and updates to existing satellite phones, and request new and/or replacement equipment if needed OSC shall: • Participate in quarterly satellite phone testing • Coordinate with the OSMS Contractor for troubleshooting or required repairs and/or replacement phones.							
Direct Funded Services: None							
Unit Billed Services: All costs shall utilize PO-0040 (Portsmouth) and PA-0040 (Paducah) funding as appropriate. The cost for new or replacement Lexington equipment shall be split between PO-0040 and PA-0040 funding.							
Service			Service Type		Clarifications		
Satellite Phone Services			Mandatory		The OSMS Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0070	Onsite Disposal of Waste	Service/ Information	Receive service and provide input	NA	NA	Provide service and receive input	NA
Service Description: CERCLA Waste Certification, Acceptance, and Disposal							
PORTS D&D Contractor shall: For waste generated in facilities listed in the April 13, 2010, Director's Final Findings and Orders (DFF&O) for Removal Actions and Remedial Investigation and Feasibility Study and Remedial Design and Remedial Action, and compliant with the current revision of the Waste Acceptance Criteria Implementation Plan for the On-Site Waste Disposal Facility at the Portsmouth Gaseous Diffusion Plant (DOE/PPPO/03-0728): • Provide waste certification and waste acceptance services. • Provide transportation of waste shipments to the PORTS OSWDF. • Perform waste placement and disposal. • Provide documentation of waste disposal OSMS shall provide waste to the PORTS D&D contractor that complies with the WAC IP for the OSWDF.							
Direct Funded Services: Disposition of Waste is directly funded through the PORTS D&D Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Onsite Waste Disposal			Mandatory		The PORTS D&D Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0071	Chronic Beryllium Disease Prevention Program - Paducah	Service / Information	Receive service and provide input	NA	Receive service and provide input	NA	Provide service and receive input
Service Description: Site-wide Chronic Beryllium Disease Prevention Program (CBDPP) designed to encompass all beryllium-related DOE activities at the Portsmouth Site. This program shall include a baseline beryllium inventory, training requirements, medical surveillance requirements, and all other applicable requirements of 10 CFR 850.							
D&R Contractor shall: • Maintain site-wide CBDPP that incorporates information from OSCs. • Submit consolidated CBDPP to the DOE Head of Field Element for review and approval. • Maintain and update the site-wide DOE Beryllium Associated Worker Registry. • Develop and maintain a site-wide baseline inventory. OSC shall: • Provide information regarding beryllium activities to PAD D&R Contractor for inclusion into the site-wide CBDPP. • Provide information for entry into the site-wide DOE Beryllium Associated Worker Registry. • Provide information for inclusion into the site-wide baseline inventory.							
Direct Funded Services: The Chronic Beryllium Disease Prevention Program is directly funded through the D&R Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Chronic Beryllium Disease Prevention Program			Mandatory		The D&R Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0072	Chronic Beryllium Disease Prevention Program - Portsmouth	Service / Information	Receive service and provide input	Receive service and provide input	NA	Provide service and receive input	NA
Service Description: Site-wide Chronic Beryllium Disease Prevention Program (CBDPP) designed to encompass all beryllium-related DOE activities at the Portsmouth Site. This program shall include a baseline beryllium inventory, training requirements, medical surveillance requirements, and all other applicable requirements of 10 CFR 850.							
D&D Contractor shall: • Maintain site-wide CBDPP that incorporates information from OSCs. • Submit consolidated CBDPP to the DOE Head of Field Element for review and approval. • Maintain and update the site-wide DOE Beryllium Associated Worker Registry. • Develop and maintain a site-wide baseline inventory. OSC shall: • Provide information regarding beryllium activities to PORTS D&D Contractor for inclusion into the site-wide CBDPP. • Provide information for entry into the site-wide DOE Beryllium Associated Worker Registry. • Provide information for inclusion into the site-wide baseline inventory.							
Direct Funded Services: The Chronic Beryllium Disease Prevention Program is directly funded through the D&D Contract.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Chronic Beryllium Disease Prevention Program			Mandatory		The D&D Contractor is the only authorized provider of this service.		

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0073	Radiological Instrumentation	Service	Receive service and provide input	NA	NA	Provide service and receive input	NA
Service Description: Calibrate, maintain, and perform repairs for personnel and environmental monitoring and surveying equipment assigned to other site contractors per the requirements of 10 Code of Federal Regulations § 835, <i>Occupational Radiation Protection</i> , and DOE Order 458.1, <i>Radiation Protection of the Public and the Environment</i> .							
PORTS D&D Contractor shall: • Calibrate radiological instrumentation; and • Maintain and repair radiological instrumentation. OSC shall: • Provide feedback on operational needs; • For portable equipment, the user will drop-off and pick-up equipment at the PORTS D&D's on-site facility; • Responsible for working with PORTS D&D to develop mutually agreed upon schedules; • For fixed equipment in field, the user will coordinate access and service with PORTS D&D; and • Upon approval by CO, replace equipment which is not economically repairable or purchase of additional inventory.							
Funding for Services: The PORTS D&D Contractor is direct funded for calibrations and repairs. Requests for additional services will require DOE approval. Purchase of additional inventory is the responsibility of the OSC.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Radiological Instrumentation			Mandatory				

Service Number	Service Title	Interface Type	OSMS Contractor	PORTS ISS Contractor	PAD ISS Contractor	PORTS D&D Contractor	PAD D&R Contractor
0074	Industrial Hygiene and Safety Services Equipment	Service	NA	Receive Service and provide input	NA	Provide service and receive input	NA
Service Description: Provide Industrial Hygiene and Safety Services Equipment as required to perform safe work activities.							
PORTS D&D Contractor shall: - Provide Personal Protective Equipment for the ISS contractor as requested. OSC shall: - Provide feedback on operational needs;							
Funding for Services: The PORTS D&D Contractor is direct funded for Industrial Hygiene and Safety Services Equipment.							
Unit Billed Services: None							
Service			Service Type		Clarifications		
Radiological Instrumentation			Mandatory				

Table 1. Table for Offsite Providers for Utilities Service.

Type of Utilities	Vendor	Location/FIMS
Electric	Kentucky Utilities	C-755- Complex Trailer T26
Electric	Kentucky Utilities	C-755- Complex Trailer T27
Electric	Kentucky Utilities	C-755- Complex Trailer T28
Electric	Kentucky Utilities	Northeast Plume Containment System Alternative Treatment Unit C-765
Electric	Kentucky Utilities	Northeast Plume Containment System Alternative Treatment Unit C-765-A
Electric	Kentucky Utilities	C-103 (Hobbs Road)
Electric	Kentucky Utilities	Public Warning Sirens B1/B2 (McCaw/Kelley Rd)
Electric	Kentucky Utilities	Offsite Emergency Operations Center Kevil Rudolph Building 951 Kentucky Ave Kevil
Electric	Kentucky Utilities	C-208 Firing Range
Electric	Kentucky Utilities	C-105 Emergency Operations Center
Electric	Kentucky Utilities	C-209 ProForce Building
Electric	Kentucky Utilities	C-210 Security Management Building
Electric	Kentucky Utilities	C-211 Training Facility
Electric	Kentucky Utilities	C-103-EV Electric Vehicle Charging Station
Electric	Kentucky Utilities	C-752-EV Electric Vehicle Charging Station
Electric	Kentucky Utilities	C-1212-EV Electric Vehicle Charging Station
Electric	Jackson Purchase	Public Warning Sirens A1/A2 (KOW/Rice Springs Rd)
Electric	Jackson Purchase	Public Warning Sirens D1 (Hwy 358/W. Boone)
Electric	Jackson Purchase	Public Warning Sirens C1/C2 (Hwy 358)
Electric	Jackson Purchase	Public Warning Sirens D2 (Rice Springs Road)
Electric	Jackson Purchase	Entrance Sign (Woodville/Hobbs Road Caution Light)
Electric	Jackson Purchase	Boldry School Road (Tanks at C-746-U Landfill)
Electric	Jackson Purchase	Landfill Ogden Landing C-746-U1
Electric	Jackson Purchase	Leachate Treatment Building C-746-U3
Electric	Jackson Purchase	Leachate Coll-PO—02242 C-746-U3
Electric	Jackson Purchase	NE Plume Pump C-614
Electric	Jackson Purchase	Access Road Lights (Hobbs Rd to Plant)
Electric	Jackson Purchase	C-104 (5600 Hobbs Rd)
Natural Gas	New Commonwealth Natural Gas	Offsite Emergency Operations Center Kevil Rudolph Building 951 Kentucky Ave Kevil

Type of Utilities	Vendor	Location/FIMS
Propane	Amerigas	C-104 (5505 Hobbs Road)
Water	Paducah Water	Landfill Ogden Landing
Water	Paducah Water	C-104
Water	Paducah Water	Billing Register for DOE Water Policy*
Water	City of Kevil Water	Offsite Emergency Operations Center Kevil Rudolph Building 951 Kentucky Ave Kevil
Telephone/Internet	Ballard Telephone Coop.	Offsite Emergency Operations Center Kevil Rudolph Building 951 Kentucky Ave Kevil
Telephone	AT&T Club Service	PGDP Site 5600 Hobbs Road Kevil-KY T1 Services
Telephone	AT&T Club Service	PBX Modem line
Telephone	AT&T Company	PGDP service/dedicated outbound 270-441-6677
Telephone	AT&T	Fuel Station
Telephone	AT&T	C-613 Sedimentation Basin
Telephone	AT&T	5600 Hobbs Road
Internet	Comcast	Rudolph Building 951 Kentucky Ave Kevil

*The Contractor shall also provide payment on DOE's behalf for designated local residence water bills in accordance with the DOE Action Memorandum for the Water Policy at the Paducah Gaseous Diffusion Plant, DOE/OR/06-1201&D2. The Contractor will coordinate with the D&R Contractor for review of water policy related bills.

**PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER
ATTACHMENTS**

SECTION J – LIST OF ATTACHMENTS

Attachment J-6

Wage Determinations Cover

Service Contract Labor Standards

(formerly known as the Service Contract Act [SCA] and

Construction Wage Rate Requirements

(formerly known as the Davis-Bacon Act [DBA])

"REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor		U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210
Daniel W. Simms Director	Division of Wage Determinations	Wage Determination No.: 2015-4683 Revision No.: 27 Date Of Last Revision: 07/22/2024

Note: Contracts subject to the Service Contract Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658.

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the Executive Orders is available at www.dol.gov/whd/govcontracts.

State: Kentucky

Area: Kentucky Counties of Bourbon, Clark, Fayette, Jessamine, Scott, Woodford

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		17.11***
01012 - Accounting Clerk II		19.20
01013 - Accounting Clerk III		21.48
01020 - Administrative Assistant		27.61
01035 - Court Reporter		20.70
01041 - Customer Service Representative I		14.16***
01042 - Customer Service Representative II		15.45***
01043 - Customer Service Representative III		17.34
01051 - Data Entry Operator I		15.53***
01052 - Data Entry Operator II		16.95***
01060 - Dispatcher, Motor Vehicle		19.58
01070 - Document Preparation Clerk		16.28***
01090 - Duplicating Machine Operator		16.28***
01111 - General Clerk I		14.63***
01112 - General Clerk II		15.96***
01113 - General Clerk III		17.91

01120 - Housing Referral Assistant	22.80
01141 - Messenger Courier	17.21
01191 - Order Clerk I	16.45***
01192 - Order Clerk II	17.95
01261 - Personnel Assistant (Employment) I	17.97
01262 - Personnel Assistant (Employment) II	20.09
01263 - Personnel Assistant (Employment) III	22.41
01270 - Production Control Clerk	23.33
01290 - Rental Clerk	15.47***
01300 - Scheduler, Maintenance	18.27
01311 - Secretary I	18.27
01312 - Secretary II	20.44
01313 - Secretary III	22.80
01320 - Service Order Dispatcher	17.50
01410 - Supply Technician	27.61
01420 - Survey Worker	19.70
01460 - Switchboard Operator/Receptionist	15.15***
01531 - Travel Clerk I	20.45
01532 - Travel Clerk II	21.34
01533 - Travel Clerk III	22.39
01611 - Word Processor I	16.28***
01612 - Word Processor II	18.27
01613 - Word Processor III	20.44
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	22.11
05010 - Automotive Electrician	18.92
05040 - Automotive Glass Installer	18.01
05070 - Automotive Worker	18.01
05110 - Mobile Equipment Servicer	15.89***
05130 - Motor Equipment Metal Mechanic	19.67
05160 - Motor Equipment Metal Worker	18.01
05190 - Motor Vehicle Mechanic	19.67
05220 - Motor Vehicle Mechanic Helper	14.81***
05250 - Motor Vehicle Upholstery Worker	16.96***
05280 - Motor Vehicle Wrecker	18.01
05310 - Painter, Automotive	18.92
05340 - Radiator Repair Specialist	18.01
05370 - Tire Repairer	17.70
05400 - Transmission Repair Specialist	19.67
07000 - Food Preparation And Service Occupations	
07010 - Baker	15.23***
07041 - Cook I	17.09***
07042 - Cook II	19.48
07070 - Dishwasher	12.98***
07130 - Food Service Worker	13.95***
07210 - Meat Cutter	17.53
07260 - Waiter/Waitress	10.61***
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	26.20
09040 - Furniture Handler	17.15***
09080 - Furniture Refinisher	26.20
09090 - Furniture Refinisher Helper	20.17
09110 - Furniture Repairer, Minor	23.26
09130 - Upholsterer	26.20
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	14.28***
11060 - Elevator Operator	15.69***
11090 - Gardener	21.30
11122 - Housekeeping Aide	15.69***
11150 - Janitor	15.69***
11210 - Laborer, Grounds Maintenance	16.83***
11240 - Maid or Houseman	13.42***
11260 - Pruner	15.27***
11270 - Tractor Operator	19.80
11330 - Trail Maintenance Worker	16.83***

11360 - Window Cleaner	17.29
12000 - Health Occupations	
12010 - Ambulance Driver	19.54
12011 - Breath Alcohol Technician	23.56
12012 - Certified Occupational Therapist Assistant	33.04
12015 - Certified Physical Therapist Assistant	29.99
12020 - Dental Assistant	20.94
12025 - Dental Hygienist	36.35
12030 - EKG Technician	25.33
12035 - Electroneurodiagnostic Technologist	25.33
12040 - Emergency Medical Technician	19.54
12071 - Licensed Practical Nurse I	21.07
12072 - Licensed Practical Nurse II	23.56
12073 - Licensed Practical Nurse III	26.27
12100 - Medical Assistant	18.36
12130 - Medical Laboratory Technician	27.84
12160 - Medical Record Clerk	20.67
12190 - Medical Record Technician	23.12
12195 - Medical Transcriptionist	20.33
12210 - Nuclear Medicine Technologist	51.79
12221 - Nursing Assistant I	13.66***
12222 - Nursing Assistant II	15.36***
12223 - Nursing Assistant III	16.75***
12224 - Nursing Assistant IV	18.82
12235 - Optical Dispenser	21.91
12236 - Optical Technician	19.26
12250 - Pharmacy Technician	19.87
12280 - Phlebotomist	18.59
12305 - Radiologic Technologist	31.65
12311 - Registered Nurse I	26.15
12312 - Registered Nurse II	31.99
12313 - Registered Nurse II, Specialist	31.99
12314 - Registered Nurse III	38.70
12315 - Registered Nurse III, Anesthetist	38.70
12316 - Registered Nurse IV	46.39
12317 - Scheduler (Drug and Alcohol Testing)	29.21
12320 - Substance Abuse Treatment Counselor	22.73
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	22.69
13012 - Exhibits Specialist II	28.11
13013 - Exhibits Specialist III	34.39
13041 - Illustrator I	22.69
13042 - Illustrator II	28.11
13043 - Illustrator III	34.39
13047 - Librarian	31.13
13050 - Library Aide/Clerk	13.29***
13054 - Library Information Technology Systems Administrator	28.11
13058 - Library Technician	15.97***
13061 - Media Specialist I	20.28
13062 - Media Specialist II	22.69
13063 - Media Specialist III	25.30
13071 - Photographer I	17.50
13072 - Photographer II	19.57
13073 - Photographer III	24.26
13074 - Photographer IV	29.66
13075 - Photographer V	35.88
13090 - Technical Order Library Clerk	16.69***
13110 - Video Teleconference Technician	25.01
14000 - Information Technology Occupations	
14041 - Computer Operator I	20.11
14042 - Computer Operator II	22.49
14043 - Computer Operator III	25.08
14044 - Computer Operator IV	27.87
14045 - Computer Operator V	30.86

14071 - Computer Programmer I	(see 1)	24.16
14072 - Computer Programmer II	(see 1)	
14073 - Computer Programmer III	(see 1)	
14074 - Computer Programmer IV	(see 1)	
14101 - Computer Systems Analyst I	(see 1)	
14102 - Computer Systems Analyst II	(see 1)	
14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		20.11
14160 - Personal Computer Support Technician		27.87
14170 - System Support Specialist		30.86
15000 - Instructional Occupations		
15010 - Aircrew Training Devices Instructor (Non-Rated)		32.89
15020 - Aircrew Training Devices Instructor (Rated)		39.79
15030 - Air Crew Training Devices Instructor (Pilot)		47.69
15050 - Computer Based Training Specialist / Instructor		32.89
15060 - Educational Technologist		29.41
15070 - Flight Instructor (Pilot)		47.69
15080 - Graphic Artist		24.47
15085 - Maintenance Test Pilot, Fixed, Jet/Prop		47.69
15086 - Maintenance Test Pilot, Rotary Wing		47.69
15088 - Non-Maintenance Test/Co-Pilot		47.69
15090 - Technical Instructor		24.53
15095 - Technical Instructor/Course Developer		30.00
15110 - Test Proctor		19.80
15120 - Tutor		19.80
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations		
16010 - Assembler		11.76***
16030 - Counter Attendant		11.76***
16040 - Dry Cleaner		14.82***
16070 - Finisher, Flatwork, Machine		11.76***
16090 - Presser, Hand		11.76***
16110 - Presser, Machine, Drycleaning		11.76***
16130 - Presser, Machine, Shirts		11.76***
16160 - Presser, Machine, Wearing Apparel, Laundry		11.76***
16190 - Sewing Machine Operator		15.73***
16220 - Tailor		16.59***
16250 - Washer, Machine		12.86***
19000 - Machine Tool Operation And Repair Occupations		
19010 - Machine-Tool Operator (Tool Room)		32.14
19040 - Tool And Die Maker		38.35
21000 - Materials Handling And Packing Occupations		
21020 - Forklift Operator		20.92
21030 - Material Coordinator		23.33
21040 - Material Expediter		23.33
21050 - Material Handling Laborer		17.38
21071 - Order Filler		17.04***
21080 - Production Line Worker (Food Processing)		20.92
21110 - Shipping Packer		18.98
21130 - Shipping/Receiving Clerk		18.98
21140 - Store Worker I		14.92***
21150 - Stock Clerk		20.02
21210 - Tools And Parts Attendant		20.92
21410 - Warehouse Specialist		20.92
23000 - Mechanics And Maintenance And Repair Occupations		
23010 - Aerospace Structural Welder		32.54
23019 - Aircraft Logs and Records Technician		26.28
23021 - Aircraft Mechanic I		31.12
23022 - Aircraft Mechanic II		32.54
23023 - Aircraft Mechanic III		33.87
23040 - Aircraft Mechanic Helper		22.79
23050 - Aircraft, Painter		29.61
23060 - Aircraft Servicer		26.28
23070 - Aircraft Survival Flight Equipment Technician		29.61
23080 - Aircraft Worker		27.94
23091 - Aircrew Life Support Equipment (ALSE) Mechanic		27.94

I	
23092 - Aircrew Life Support Equipment (ALSE) Mechanic	31.12
II	
23110 - Appliance Mechanic	28.11
23120 - Bicycle Repairer	21.69
23125 - Cable Splicer	37.10
23130 - Carpenter, Maintenance	25.94
23140 - Carpet Layer	24.73
23160 - Electrician, Maintenance	25.71
23181 - Electronics Technician Maintenance I	27.03
23182 - Electronics Technician Maintenance II	28.65
23183 - Electronics Technician Maintenance III	30.11
23260 - Fabric Worker	23.26
23290 - Fire Alarm System Mechanic	25.31
23310 - Fire Extinguisher Repairer	21.69
23311 - Fuel Distribution System Mechanic	26.46
23312 - Fuel Distribution System Operator	20.80
23370 - General Maintenance Worker	20.99
23380 - Ground Support Equipment Mechanic	31.12
23381 - Ground Support Equipment Servicer	26.28
23382 - Ground Support Equipment Worker	27.94
23391 - Gunsmith I	21.69
23392 - Gunsmith II	24.73
23393 - Gunsmith III	27.54
23410 - Heating, Ventilation And Air-Conditioning Mechanic	26.54
23411 - Heating, Ventilation And Air Contidioning Mechanic (Research Facility)	27.70
23430 - Heavy Equipment Mechanic	27.55
23440 - Heavy Equipment Operator	24.95
23460 - Instrument Mechanic	27.85
23465 - Laboratory/Shelter Mechanic	26.20
23470 - Laborer	17.38
23510 - Locksmith	23.42
23530 - Machinery Maintenance Mechanic	35.50
23550 - Machinist, Maintenance	26.37
23580 - Maintenance Trades Helper	16.91***
23591 - Metrology Technician I	27.85
23592 - Metrology Technician II	29.05
23593 - Metrology Technician III	30.25
23640 - Millwright	30.12
23710 - Office Appliance Repairer	21.64
23760 - Painter, Maintenance	21.03
23790 - Pipefitter, Maintenance	32.17
23810 - Plumber, Maintenance	30.62
23820 - Pneudraulic Systems Mechanic	27.54
23850 - Rigger	27.54
23870 - Scale Mechanic	24.73
23890 - Sheet-Metal Worker, Maintenance	25.21
23910 - Small Engine Mechanic	20.48
23931 - Telecommunications Mechanic I	30.39
23932 - Telecommunications Mechanic II	31.77
23950 - Telephone Lineman	24.98
23960 - Welder, Combination, Maintenance	24.57
23965 - Well Driller	27.54
23970 - Woodcraft Worker	27.54
23980 - Woodworker	21.69
24000 - Personal Needs Occupations	
24550 - Case Manager	17.57
24570 - Child Care Attendant	13.85***
24580 - Child Care Center Clerk	17.28
24610 - Chore Aide	14.92***
24620 - Family Readiness And Support Services Coordinator	17.57
24630 - Homemaker	18.10

25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	24.84
25040 - Sewage Plant Operator	23.40
25070 - Stationary Engineer	24.84
25190 - Ventilation Equipment Tender	18.34
25210 - Water Treatment Plant Operator	23.40
27000 - Protective Service Occupations	
27004 - Alarm Monitor	21.78
27007 - Baggage Inspector	14.71***
27008 - Corrections Officer	19.53
27010 - Court Security Officer	18.93
27030 - Detection Dog Handler	16.52***
27040 - Detention Officer	19.53
27070 - Firefighter	18.74
27101 - Guard I	14.71***
27102 - Guard II	16.52***
27131 - Police Officer I	23.19
27132 - Police Officer II	25.76
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	14.37***
28042 - Carnival Equipment Repairer	15.46***
28043 - Carnival Worker	11.08***
28210 - Gate Attendant/Gate Tender	15.64***
28310 - Lifeguard	12.90***
28350 - Park Attendant (Aide)	17.50
28510 - Recreation Aide/Health Facility Attendant	12.77***
28515 - Recreation Specialist	21.68
28630 - Sports Official	13.94***
28690 - Swimming Pool Operator	17.77
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	30.28
29020 - Hatch Tender	30.28
29030 - Line Handler	30.28
29041 - Stevedore I	28.48
29042 - Stevedore II	32.16
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	45.21
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	31.17
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	34.34
30021 - Archeological Technician I	19.56
30022 - Archeological Technician II	21.88
30023 - Archeological Technician III	27.11
30030 - Cartographic Technician	27.11
30040 - Civil Engineering Technician	23.63
30051 - Cryogenic Technician I	30.02
30052 - Cryogenic Technician II	33.16
30061 - Drafter/CAD Operator I	19.56
30062 - Drafter/CAD Operator II	21.88
30063 - Drafter/CAD Operator III	24.40
30064 - Drafter/CAD Operator IV	30.02
30081 - Engineering Technician I	16.02***
30082 - Engineering Technician II	17.98
30083 - Engineering Technician III	20.67
30084 - Engineering Technician IV	24.92
30085 - Engineering Technician V	31.34
30086 - Engineering Technician VI	36.88
30090 - Environmental Technician	22.73
30095 - Evidence Control Specialist	27.11
30210 - Laboratory Technician	22.06
30221 - Latent Fingerprint Technician I	30.02
30222 - Latent Fingerprint Technician II	33.16
30240 - Mathematical Technician	27.71
30361 - Paralegal/Legal Assistant I	21.71
30362 - Paralegal/Legal Assistant II	27.46
30363 - Paralegal/Legal Assistant III	33.59

30364 - Paralegal/Legal Assistant IV	40.64
30375 - Petroleum Supply Specialist	33.16
30390 - Photo-Optics Technician	27.11
30395 - Radiation Control Technician	33.16
30461 - Technical Writer I	28.61
30462 - Technical Writer II	34.99
30463 - Technical Writer III	42.34
30491 - Unexploded Ordnance (UXO) Technician I	28.73
30492 - Unexploded Ordnance (UXO) Technician II	34.76
30493 - Unexploded Ordnance (UXO) Technician III	41.67
30494 - Unexploded (UXO) Safety Escort	28.73
30495 - Unexploded (UXO) Sweep Personnel	28.73
30501 - Weather Forecaster I	30.02
30502 - Weather Forecaster II	36.52
30620 - Weather Observer, Combined Upper Air Or (see 2)	24.40
Surface Programs	
30621 - Weather Observer, Senior (see 2)	27.11
31000 - Transportation/Mobile Equipment Operation Occupations	
31010 - Airplane Pilot	34.76
31020 - Bus Aide	19.16
31030 - Bus Driver	25.64
31043 - Driver Courier	19.15
31260 - Parking and Lot Attendant	15.00***
31290 - Shuttle Bus Driver	18.72
31310 - Taxi Driver	13.44***
31361 - Truckdriver, Light	20.59
31362 - Truckdriver, Medium	22.15
31363 - Truckdriver, Heavy	24.46
31364 - Truckdriver, Tractor-Trailer	24.46
99000 - Miscellaneous Occupations	
99020 - Cabin Safety Specialist	16.95***
99030 - Cashier	13.32***
99050 - Desk Clerk	13.27***
99095 - Embalmer	28.73
99130 - Flight Follower	28.73
99251 - Laboratory Animal Caretaker I	15.43***
99252 - Laboratory Animal Caretaker II	16.60***
99260 - Marketing Analyst	28.83
99310 - Mortician	28.73
99410 - Pest Controller	17.38
99510 - Photofinishing Worker	15.10***
99710 - Recycling Laborer	22.43
99711 - Recycling Specialist	26.38
99730 - Refuse Collector	20.35
99810 - Sales Clerk	14.04***
99820 - School Crossing Guard	14.98***
99830 - Survey Party Chief	25.52
99831 - Surveying Aide	15.05***
99832 - Surveying Technician	22.66
99840 - Vending Machine Attendant	15.48***
99841 - Vending Machine Repairer	18.96
99842 - Vending Machine Repairer Helper	15.48***

***Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20 per hour) or 13658 (\$12.90 per hour). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 and 13658 are not currently being enforced as to contracts or contract-like instruments entered into with the federal government in connection with seasonal recreational services or seasonal recreational equipment rental for the general public on federal lands. The minimum wage requirements of Executive Order 14026 also are not currently being

enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$5.36 per hour, up to 40 hours per week, or \$214.40 per week or \$929.07 per month

HEALTH & WELFARE EO 13706: \$4.93 per hour, up to 40 hours per week, or \$197.20 per week, or \$854.53 per month*

*This rate is to be used only when compensating employees for performance on an SCA-covered contract also covered by EO 13706, Establishing Paid Sick Leave for Federal Contractors. A contractor may not receive credit toward its SCA obligations for any paid sick leave provided pursuant to EO 13706.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor, 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of eleven paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Juneteenth National Independence Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: This wage determination does not apply to any individual employed in a bona fide executive, administrative, or professional capacity, as defined in 29 C.F.R. Part 541. (See 41 C.F.R. 6701(3)). Because most Computer Systems Analysts and Computer Programmers who are paid at least \$27.63 per hour (or at least \$684 per week if paid on a salary or fee basis) likely qualify as exempt computer professionals under 29 U.S.C. 213(a)(1) and 29 U.S.C. 213(a)(17), this wage determination may not include wage rates for all occupations within those job families. In such instances, a conformance will be necessary if there are nonexempt employees in these job families working on the contract.

Job titles vary widely and change quickly in the computer industry, and are not determinative of whether an employee is an exempt computer professional. To be exempt, computer employees who satisfy the compensation requirements must also have a primary duty that consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

Any computer employee who meets the applicable compensation requirements and the above duties test qualifies as an exempt computer professional under both section 13(a)(1) and section 13(a)(17) of the Fair Labor Standards Act. (Field Assistance Bulletin No. 2006-3 (Dec. 14, 2006)). Accordingly, this wage determination will not apply to any exempt computer employee regardless of which of these two exemptions is utilized.

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

**** HAZARDOUS PAY DIFFERENTIAL ****

An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder.

All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving re-grading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to

this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** SERVICE CONTRACT ACT DIRECTORY OF OCCUPATIONS ****

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition (Revision 1), dated September 2015, unless otherwise indicated.

**** REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE, Standard Form 1444 (SF-1444) ****

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination (See 29 CFR 4.6(b)(2)(i)). Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees (See 29 CFR 4.6(b)(2)(ii)). The Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be paid to all employees performing in the classification from the first day of work on which contract work is performed by them in the classification. Failure to pay such unlisted employees the compensation agreed upon by the interested parties and/or fully determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract. (See 29 CFR 4.6(b)(2)(v)). When multiple wage determinations are included in a contract, a separate SF-1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order the proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the U.S. Department of Labor, Wage and Hour Division, for review (See 29 CFR 4.6(b)(2)(ii)).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour Division's decision to the contractor.

6) Each affected employee shall be furnished by the contractor with a written copy of such determination or it shall be posted as a part of the wage determination (See 29 CFR 4.6(b)(2)(iii)).

Information required by the Regulations must be submitted on SF-1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" should be used to compare job definitions to ensure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination (See 29 CFR 4.152(c)(1))."

"REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor		U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210
Daniel W. Simms Director	Division of Wage Determinations	Wage Determination No.: 2015-4691 Revision No.: 27 Date Of Last Revision: 07/22/2024

Note: Contracts subject to the Service Contract Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658.

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the Executive Orders is available at www.dol.gov/whd/govcontracts.

State: Kentucky

Area: Kentucky Counties of Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, Marshall, McCracken

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		15.80***
01012 - Accounting Clerk II		17.73
01013 - Accounting Clerk III		19.83
01020 - Administrative Assistant		24.28
01035 - Court Reporter		19.02
01041 - Customer Service Representative I		13.94***
01042 - Customer Service Representative II		15.21***
01043 - Customer Service Representative III		17.07***
01051 - Data Entry Operator I		14.39***
01052 - Data Entry Operator II		15.70***
01060 - Dispatcher, Motor Vehicle		20.32
01070 - Document Preparation Clerk		15.15***
01090 - Duplicating Machine Operator		15.15***
01111 - General Clerk I		14.49***
01112 - General Clerk II		15.81***

01113 - General Clerk III	17.74
01120 - Housing Referral Assistant	21.21
01141 - Messenger Courier	15.81***
01191 - Order Clerk I	14.44***
01192 - Order Clerk II	15.76***
01261 - Personnel Assistant (Employment) I	17.82
01262 - Personnel Assistant (Employment) II	19.93
01263 - Personnel Assistant (Employment) III	22.23
01270 - Production Control Clerk	22.60
01290 - Rental Clerk	15.99***
01300 - Scheduler, Maintenance	17.00***
01311 - Secretary I	17.00***
01312 - Secretary II	19.02
01313 - Secretary III	21.21
01320 - Service Order Dispatcher	18.17
01410 - Supply Technician	24.28
01420 - Survey Worker	17.27
01460 - Switchboard Operator/Receptionist	13.50***
01531 - Travel Clerk I	14.64***
01532 - Travel Clerk II	15.66***
01533 - Travel Clerk III	16.67***
01611 - Word Processor I	15.15***
01612 - Word Processor II	17.00***
01613 - Word Processor III	19.02
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	24.02
05010 - Automotive Electrician	19.23
05040 - Automotive Glass Installer	17.17***
05070 - Automotive Worker	17.21
05110 - Mobile Equipment Servicer	15.07***
05130 - Motor Equipment Metal Mechanic	19.23
05160 - Motor Equipment Metal Worker	17.21
05190 - Motor Vehicle Mechanic	19.23
05220 - Motor Vehicle Mechanic Helper	13.97***
05250 - Motor Vehicle Upholstery Worker	17.21
05280 - Motor Vehicle Wrecker	17.21
05310 - Painter, Automotive	18.23
05340 - Radiator Repair Specialist	17.21
05370 - Tire Repairer	16.05***
05400 - Transmission Repair Specialist	18.98
07000 - Food Preparation And Service Occupations	
07010 - Baker	14.26***
07041 - Cook I	13.21***
07042 - Cook II	15.00***
07070 - Dishwasher	11.02***
07130 - Food Service Worker	10.33***
07210 - Meat Cutter	15.42***
07260 - Waiter/Waitress	10.05***
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	19.61
09040 - Furniture Handler	12.72***
09080 - Furniture Refinisher	19.61
09090 - Furniture Refinisher Helper	14.90***
09110 - Furniture Repairer, Minor	17.05***
09130 - Upholsterer	19.77
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	14.78***
11060 - Elevator Operator	15.28***
11090 - Gardener	17.92
11122 - Housekeeping Aide	14.13***
11150 - Janitor	14.13***
11210 - Laborer, Grounds Maintenance	14.29***
11240 - Maid or Houseman	12.41***
11260 - Pruner	13.02***
11270 - Tractor Operator	16.73***

11330 - Trail Maintenance Worker	14.29***
11360 - Window Cleaner	15.51***
12000 - Health Occupations	
12010 - Ambulance Driver	17.33
12011 - Breath Alcohol Technician	22.76
12012 - Certified Occupational Therapist Assistant	29.55
12015 - Certified Physical Therapist Assistant	28.95
12020 - Dental Assistant	17.67
12025 - Dental Hygienist	32.47
12030 - EKG Technician	25.74
12035 - Electroneurodiagnostic Technologist	25.74
12040 - Emergency Medical Technician	17.33
12071 - Licensed Practical Nurse I	20.35
12072 - Licensed Practical Nurse II	22.76
12073 - Licensed Practical Nurse III	25.38
12100 - Medical Assistant	16.81***
12130 - Medical Laboratory Technician	25.98
12160 - Medical Record Clerk	16.00***
12190 - Medical Record Technician	17.90
12195 - Medical Transcriptionist	18.65
12210 - Nuclear Medicine Technologist	50.04
12221 - Nursing Assistant I	12.54***
12222 - Nursing Assistant II	14.10***
12223 - Nursing Assistant III	15.38***
12224 - Nursing Assistant IV	17.28
12235 - Optical Dispenser	18.94
12236 - Optical Technician	20.35
12250 - Pharmacy Technician	17.20
12280 - Phlebotomist	16.76***
12305 - Radiologic Technologist	29.51
12311 - Registered Nurse I	25.52
12312 - Registered Nurse II	31.21
12313 - Registered Nurse II, Specialist	31.21
12314 - Registered Nurse III	37.76
12315 - Registered Nurse III, Anesthetist	37.76
12316 - Registered Nurse IV	45.27
12317 - Scheduler (Drug and Alcohol Testing)	28.22
12320 - Substance Abuse Treatment Counselor	21.09
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	21.74
13012 - Exhibits Specialist II	26.94
13013 - Exhibits Specialist III	32.94
13041 - Illustrator I	21.74
13042 - Illustrator II	26.94
13043 - Illustrator III	32.94
13047 - Librarian	29.83
13050 - Library Aide/Clerk	13.79***
13054 - Library Information Technology Systems Administrator	26.94
13058 - Library Technician	15.82***
13061 - Media Specialist I	19.44
13062 - Media Specialist II	21.74
13063 - Media Specialist III	24.23
13071 - Photographer I	19.44
13072 - Photographer II	21.74
13073 - Photographer III	26.94
13074 - Photographer IV	32.94
13075 - Photographer V	39.86
13090 - Technical Order Library Clerk	17.31
13110 - Video Teleconference Technician	18.83
14000 - Information Technology Occupations	
14041 - Computer Operator I	19.01
14042 - Computer Operator II	21.26
14043 - Computer Operator III	23.71
14044 - Computer Operator IV	26.34

14045 - Computer Operator V	29.17
14071 - Computer Programmer I (see 1)	23.37
14072 - Computer Programmer II (see 1)	
14073 - Computer Programmer III (see 1)	
14074 - Computer Programmer IV (see 1)	
14101 - Computer Systems Analyst I (see 1)	
14102 - Computer Systems Analyst II (see 1)	
14103 - Computer Systems Analyst III (see 1)	
14150 - Peripheral Equipment Operator	19.01
14160 - Personal Computer Support Technician	26.34
14170 - System Support Specialist	29.17
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	30.22
15020 - Aircrew Training Devices Instructor (Rated)	36.76
15030 - Air Crew Training Devices Instructor (Pilot)	43.82
15050 - Computer Based Training Specialist / Instructor	30.22
15060 - Educational Technologist	31.27
15070 - Flight Instructor (Pilot)	43.82
15080 - Graphic Artist	23.07
15085 - Maintenance Test Pilot, Fixed, Jet/Prop	43.82
15086 - Maintenance Test Pilot, Rotary Wing	43.82
15088 - Non-Maintenance Test/Co-Pilot	43.82
15090 - Technical Instructor	24.01
15095 - Technical Instructor/Course Developer	29.37
15110 - Test Proctor	19.38
15120 - Tutor	19.38
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	10.36***
16030 - Counter Attendant	10.36***
16040 - Dry Cleaner	12.56***
16070 - Finisher, Flatwork, Machine	10.36***
16090 - Presser, Hand	10.36***
16110 - Presser, Machine, Drycleaning	10.36***
16130 - Presser, Machine, Shirts	10.36***
16160 - Presser, Machine, Wearing Apparel, Laundry	10.36***
16190 - Sewing Machine Operator	13.37***
16220 - Tailor	14.10***
16250 - Washer, Machine	11.23***
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	22.14
19040 - Tool And Die Maker	26.50
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	20.48
21030 - Material Coordinator	22.60
21040 - Material Expediter	22.60
21050 - Material Handling Laborer	16.68***
21071 - Order Filler	15.22***
21080 - Production Line Worker (Food Processing)	20.48
21110 - Shipping Packer	17.31
21130 - Shipping/Receiving Clerk	17.31
21140 - Store Worker I	15.79***
21150 - Stock Clerk	20.89
21210 - Tools And Parts Attendant	20.48
21410 - Warehouse Specialist	20.48
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	30.82
23019 - Aircraft Logs and Records Technician	25.04
23021 - Aircraft Mechanic I	29.40
23022 - Aircraft Mechanic II	30.82
23023 - Aircraft Mechanic III	32.25
23040 - Aircraft Mechanic Helper	21.88
23050 - Aircraft, Painter	28.05
23060 - Aircraft Servicer	25.04
23070 - Aircraft Survival Flight Equipment Technician	28.05
23080 - Aircraft Worker	26.62

23091 - Aircrew Life Support Equipment (ALSE) Mechanic I	26.62
23092 - Aircrew Life Support Equipment (ALSE) Mechanic II	29.40
23110 - Appliance Mechanic	25.78
23120 - Bicycle Repairer	21.54
23125 - Cable Splicer	37.22
23130 - Carpenter, Maintenance	22.91
23140 - Carpet Layer	24.46
23160 - Electrician, Maintenance	28.46
23181 - Electronics Technician Maintenance I	28.20
23182 - Electronics Technician Maintenance II	29.71
23183 - Electronics Technician Maintenance III	31.14
23260 - Fabric Worker	23.00
23290 - Fire Alarm System Mechanic	23.53
23310 - Fire Extinguisher Repairer	21.54
23311 - Fuel Distribution System Mechanic	30.57
23312 - Fuel Distribution System Operator	24.83
23370 - General Maintenance Worker	19.97
23380 - Ground Support Equipment Mechanic	29.40
23381 - Ground Support Equipment Servicer	25.04
23382 - Ground Support Equipment Worker	26.62
23391 - Gunsmith I	21.54
23392 - Gunsmith II	24.46
23393 - Gunsmith III	27.01
23410 - Heating, Ventilation And Air-Conditioning Mechanic	22.81
23411 - Heating, Ventilation And Air Contidioning Mechanic (Research Facility)	23.91
23430 - Heavy Equipment Mechanic	26.56
23440 - Heavy Equipment Operator	24.35
23460 - Instrument Mechanic	33.63
23465 - Laboratory/Shelter Mechanic	25.78
23470 - Laborer	16.68***
23510 - Locksmith	25.78
23530 - Machinery Maintenance Mechanic	28.64
23550 - Machinist, Maintenance	23.14
23580 - Maintenance Trades Helper	17.38
23591 - Metrology Technician I	33.63
23592 - Metrology Technician II	35.19
23593 - Metrology Technician III	36.81
23640 - Millwright	29.27
23710 - Office Appliance Repairer	25.78
23760 - Painter, Maintenance	19.07
23790 - Pipefitter, Maintenance	31.08
23810 - Plumber, Maintenance	29.60
23820 - Pneudraulic Systems Mechanic	27.01
23850 - Rigger	27.01
23870 - Scale Mechanic	24.46
23890 - Sheet-Metal Worker, Maintenance	27.32
23910 - Small Engine Mechanic	17.13***
23931 - Telecommunications Mechanic I	31.91
23932 - Telecommunications Mechanic II	33.80
23950 - Telephone Lineman	26.11
23960 - Welder, Combination, Maintenance	21.59
23965 - Well Driller	27.01
23970 - Woodcraft Worker	27.01
23980 - Woodworker	21.54
24000 - Personal Needs Occupations	
24550 - Case Manager	15.95***
24570 - Child Care Attendant	12.35***
24580 - Child Care Center Clerk	15.41***
24610 - Chore Aide	12.53***
24620 - Family Readiness And Support Services Coordinator	15.95***

24630 - Homemaker	16.62***
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	24.66
25040 - Sewage Plant Operator	21.54
25070 - Stationary Engineer	24.66
25190 - Ventilation Equipment Tender	18.34
25210 - Water Treatment Plant Operator	21.54
27000 - Protective Service Occupations	
27004 - Alarm Monitor	15.27***
27007 - Baggage Inspector	15.61***
27008 - Corrections Officer	19.23
27010 - Court Security Officer	19.06
27030 - Detection Dog Handler	17.47
27040 - Detention Officer	19.23
27070 - Firefighter	17.14***
27101 - Guard I	15.61***
27102 - Guard II	17.47
27131 - Police Officer I	23.27
27132 - Police Officer II	25.85
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	13.13***
28042 - Carnival Equipment Repairer	14.07***
28043 - Carnival Worker	10.22***
28210 - Gate Attendant/Gate Tender	17.74
28310 - Lifeguard	14.81***
28350 - Park Attendant (Aide)	19.86
28510 - Recreation Aide/Health Facility Attendant	14.49***
28515 - Recreation Specialist	23.03
28630 - Sports Official	15.81***
28690 - Swimming Pool Operator	15.97***
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	26.96
29020 - Hatch Tender	26.96
29030 - Line Handler	26.96
29041 - Stevedore I	25.65
29042 - Stevedore II	28.99
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	45.21
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	31.17
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	34.34
30021 - Archeological Technician I	18.26
30022 - Archeological Technician II	20.42
30023 - Archeological Technician III	25.31
30030 - Cartographic Technician	25.31
30040 - Civil Engineering Technician	23.25
30051 - Cryogenic Technician I	28.02
30052 - Cryogenic Technician II	30.96
30061 - Drafter/CAD Operator I	18.26
30062 - Drafter/CAD Operator II	20.42
30063 - Drafter/CAD Operator III	22.77
30064 - Drafter/CAD Operator IV	28.02
30081 - Engineering Technician I	17.14***
30082 - Engineering Technician II	18.78
30083 - Engineering Technician III	21.52
30084 - Engineering Technician IV	26.03
30085 - Engineering Technician V	31.84
30086 - Engineering Technician VI	38.52
30090 - Environmental Technician	27.01
30095 - Evidence Control Specialist	25.31
30210 - Laboratory Technician	23.27
30221 - Latent Fingerprint Technician I	28.02
30222 - Latent Fingerprint Technician II	30.96
30240 - Mathematical Technician	25.31
30361 - Paralegal/Legal Assistant I	19.64
30362 - Paralegal/Legal Assistant II	24.34

30363 - Paralegal/Legal Assistant III	29.77
30364 - Paralegal/Legal Assistant IV	36.02
30375 - Petroleum Supply Specialist	30.96
30390 - Photo-Optics Technician	25.22
30395 - Radiation Control Technician	30.96
30461 - Technical Writer I	25.31
30462 - Technical Writer II	30.96
30463 - Technical Writer III	37.45
30491 - Unexploded Ordnance (UXO) Technician I	28.73
30492 - Unexploded Ordnance (UXO) Technician II	34.76
30493 - Unexploded Ordnance (UXO) Technician III	41.67
30494 - Unexploded (UXO) Safety Escort	28.73
30495 - Unexploded (UXO) Sweep Personnel	28.73
30501 - Weather Forecaster I	28.02
30502 - Weather Forecaster II	34.09
30620 - Weather Observer, Combined Upper Air Or (see 2)	22.77
Surface Programs	
30621 - Weather Observer, Senior (see 2)	25.31
31000 - Transportation/Mobile Equipment Operation Occupations	
31010 - Airplane Pilot	34.76
31020 - Bus Aide	12.84***
31030 - Bus Driver	18.40
31043 - Driver Courier	17.43
31260 - Parking and Lot Attendant	13.56***
31290 - Shuttle Bus Driver	15.28***
31310 - Taxi Driver	13.35***
31361 - Truckdriver, Light	18.68
31362 - Truckdriver, Medium	19.94
31363 - Truckdriver, Heavy	22.62
31364 - Truckdriver, Tractor-Trailer	22.62
99000 - Miscellaneous Occupations	
99020 - Cabin Safety Specialist	16.95***
99030 - Cashier	11.19***
99050 - Desk Clerk	11.57***
99095 - Embalmer	25.60
99130 - Flight Follower	28.73
99251 - Laboratory Animal Caretaker I	14.28***
99252 - Laboratory Animal Caretaker II	15.30***
99260 - Marketing Analyst	24.07
99310 - Mortician	25.60
99410 - Pest Controller	17.42
99510 - Photofinishing Worker	15.10***
99710 - Recycling Laborer	17.56
99711 - Recycling Specialist	20.55
99730 - Refuse Collector	16.00***
99810 - Sales Clerk	13.57***
99820 - School Crossing Guard	17.51
99830 - Survey Party Chief	25.94
99831 - Surveying Aide	17.01***
99832 - Surveying Technician	23.28
99840 - Vending Machine Attendant	22.49
99841 - Vending Machine Repairer	27.37
99842 - Vending Machine Repairer Helper	22.49

***Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20 per hour) or 13658 (\$12.90 per hour). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 and 13658 are not currently being enforced as to contracts or contract-like instruments entered into with the federal government in connection with seasonal recreational services or seasonal recreational equipment rental for the general public on federal lands. The

minimum wage requirements of Executive Order 14026 also are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$5.36 per hour, up to 40 hours per week, or \$214.40 per week or \$929.07 per month

HEALTH & WELFARE EO 13706: \$4.93 per hour, up to 40 hours per week, or \$197.20 per week, or \$854.53 per month*

*This rate is to be used only when compensating employees for performance on an SCA-covered contract also covered by EO 13706, Establishing Paid Sick Leave for Federal Contractors. A contractor may not receive credit toward its SCA obligations for any paid sick leave provided pursuant to EO 13706.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor, 3 weeks after 8 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (See 29 CFR 4.173)

HOLIDAYS: A minimum of twelve paid holidays per year: New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Good Friday, Memorial Day, Juneteenth National Independence Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: This wage determination does not apply to any individual employed in a bona fide executive, administrative, or professional capacity, as defined in 29 C.F.R. Part 541. (See 41 C.F.R. 6701(3)). Because most Computer Systems Analysts and Computer Programmers who are paid at least \$27.63 per hour (or at least \$684 per week if paid on a salary or fee basis) likely qualify as exempt computer professionals under 29 U.S.C. 213(a)(1) and 29 U.S.C. 213(a)(17), this wage determination may not include wage rates for all occupations within those job families. In such instances, a conformance will be necessary if there are nonexempt employees in these job families working on the contract.

Job titles vary widely and change quickly in the computer industry, and are not determinative of whether an employee is an exempt computer professional. To be exempt, computer employees who satisfy the compensation requirements must also have a primary duty that consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional

specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

Any computer employee who meets the applicable compensation requirements and the above duties test qualifies as an exempt computer professional under both section 13(a)(1) and section 13(a)(17) of the Fair Labor Standards Act. (Field Assistance Bulletin No. 2006-3 (Dec. 14, 2006)). Accordingly, this wage determination will not apply to any exempt computer employee regardless of which of these two exemptions is utilized.

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am.

If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

**** HAZARDOUS PAY DIFFERENTIAL ****

An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder.

All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving re-grading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made

the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** SERVICE CONTRACT ACT DIRECTORY OF OCCUPATIONS ****

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition (Revision 1), dated September 2015, unless otherwise indicated.

**** REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE, Standard Form 1444 (SF-1444) ****

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination (See 29 CFR 4.6(b)(2)(i)). Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees (See 29 CFR 4.6(b)(2)(ii)). The Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be paid to all employees performing in the classification from the first day of work on which contract work is performed by them in the classification. Failure to pay such unlisted employees the compensation agreed upon by the interested parties and/or fully determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract. (See 29 CFR 4.6(b)(2)(v)). When multiple wage determinations are included in a contract, a separate SF-1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order the proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the U.S. Department of Labor, Wage and Hour Division, for review (See 29 CFR 4.6(b)(2)(ii)).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour Division's decision to the contractor.

6) Each affected employee shall be furnished by the contractor with a written copy of such determination or it shall be posted as a part of the wage determination (See 29 CFR 4.6(b)(2)(iii)).

Information required by the Regulations must be submitted on SF-1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" should be used to compare job definitions to ensure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination (See 29 CFR 4.152(c)(1))."

"REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor		U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210
Daniel W. Simms Director	Division of Wage Determinations	Wage Determination No.: 2015-4771 Revision No.: 27 Date Of Last Revision: 07/22/2024

Note: Contracts subject to the Service Contract Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658.

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the Executive Orders is available at www.dol.gov/whd/govcontracts.

State: Ohio

Area: Ohio Counties of Adams, Athens, Gallia, Highland, Jackson, Meigs, Pike, Ross, Scioto, Vinton

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		17.43
01012 - Accounting Clerk II		19.56
01013 - Accounting Clerk III		21.88
01020 - Administrative Assistant		27.95
01035 - Court Reporter		21.05
01041 - Customer Service Representative I		16.09***
01042 - Customer Service Representative II		17.56
01043 - Customer Service Representative III		19.71
01051 - Data Entry Operator I		15.70***
01052 - Data Entry Operator II		17.13***
01060 - Dispatcher, Motor Vehicle		19.70
01070 - Document Preparation Clerk		16.77***
01090 - Duplicating Machine Operator		16.77***
01111 - General Clerk I		14.70***
01112 - General Clerk II		16.04***

01113 - General Clerk III	18.00
01120 - Housing Referral Assistant	23.48
01141 - Messenger Courier	13.72***
01191 - Order Clerk I	15.64***
01192 - Order Clerk II	17.06***
01261 - Personnel Assistant (Employment) I	19.32
01262 - Personnel Assistant (Employment) II	21.61
01263 - Personnel Assistant (Employment) III	24.10
01270 - Production Control Clerk	24.51
01290 - Rental Clerk	14.36***
01300 - Scheduler, Maintenance	18.82
01311 - Secretary I	18.82
01312 - Secretary II	21.05
01313 - Secretary III	23.48
01320 - Service Order Dispatcher	17.61
01410 - Supply Technician	27.95
01420 - Survey Worker	17.19***
01460 - Switchboard Operator/Receptionist	14.60***
01531 - Travel Clerk I	15.84***
01532 - Travel Clerk II	16.89***
01533 - Travel Clerk III	18.02
01611 - Word Processor I	16.77***
01612 - Word Processor II	18.82
01613 - Word Processor III	21.05
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	21.42
05010 - Automotive Electrician	18.63
05040 - Automotive Glass Installer	17.60
05070 - Automotive Worker	17.60
05110 - Mobile Equipment Servicer	15.43***
05130 - Motor Equipment Metal Mechanic	19.48
05160 - Motor Equipment Metal Worker	17.60
05190 - Motor Vehicle Mechanic	19.48
05220 - Motor Vehicle Mechanic Helper	14.33***
05250 - Motor Vehicle Upholstery Worker	16.51***
05280 - Motor Vehicle Wrecker	17.60
05310 - Painter, Automotive	18.63
05340 - Radiator Repair Specialist	17.60
05370 - Tire Repairer	17.56
05400 - Transmission Repair Specialist	19.48
07000 - Food Preparation And Service Occupations	
07010 - Baker	16.06***
07041 - Cook I	15.19***
07042 - Cook II	17.32
07070 - Dishwasher	12.44***
07130 - Food Service Worker	11.64***
07210 - Meat Cutter	16.06***
07260 - Waiter/Waitress	13.51***
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	24.20
09040 - Furniture Handler	15.97***
09080 - Furniture Refinisher	24.20
09090 - Furniture Refinisher Helper	18.72
09110 - Furniture Repairer, Minor	21.69
09130 - Upholsterer	24.20
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	18.00
11060 - Elevator Operator	17.18***
11090 - Gardener	21.03
11122 - Housekeeping Aide	17.18***
11150 - Janitor	17.18***
11210 - Laborer, Grounds Maintenance	16.55***
11240 - Maid or Houseman	13.27***
11260 - Pruner	15.07***
11270 - Tractor Operator	19.52

11330 - Trail Maintenance Worker	16.55***
11360 - Window Cleaner	18.86
12000 - Health Occupations	
12010 - Ambulance Driver	16.52***
12011 - Breath Alcohol Technician	23.32
12012 - Certified Occupational Therapist Assistant	33.23
12015 - Certified Physical Therapist Assistant	31.89
12020 - Dental Assistant	19.07
12025 - Dental Hygienist	36.52
12030 - EKG Technician	31.98
12035 - Electroneurodiagnostic Technologist	31.98
12040 - Emergency Medical Technician	16.52***
12071 - Licensed Practical Nurse I	20.86
12072 - Licensed Practical Nurse II	23.32
12073 - Licensed Practical Nurse III	26.00
12100 - Medical Assistant	17.25
12130 - Medical Laboratory Technician	27.17
12160 - Medical Record Clerk	17.97
12190 - Medical Record Technician	20.60
12195 - Medical Transcriptionist	18.96
12210 - Nuclear Medicine Technologist	48.98
12221 - Nursing Assistant I	14.37***
12222 - Nursing Assistant II	16.18***
12223 - Nursing Assistant III	17.65
12224 - Nursing Assistant IV	19.81
12235 - Optical Dispenser	21.95
12236 - Optical Technician	20.86
12250 - Pharmacy Technician	17.30
12280 - Phlebotomist	17.43
12305 - Radiologic Technologist	31.40
12311 - Registered Nurse I	25.60
12312 - Registered Nurse II	31.32
12313 - Registered Nurse II, Specialist	31.32
12314 - Registered Nurse III	37.89
12315 - Registered Nurse III, Anesthetist	37.89
12316 - Registered Nurse IV	45.41
12317 - Scheduler (Drug and Alcohol Testing)	28.91
12320 - Substance Abuse Treatment Counselor	23.12
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	21.15
13012 - Exhibits Specialist II	26.20
13013 - Exhibits Specialist III	32.05
13041 - Illustrator I	21.15
13042 - Illustrator II	26.20
13043 - Illustrator III	32.05
13047 - Librarian	29.01
13050 - Library Aide/Clerk	15.38***
13054 - Library Information Technology Systems Administrator	26.20
13058 - Library Technician	17.49
13061 - Media Specialist I	18.91
13062 - Media Specialist II	21.15
13063 - Media Specialist III	23.57
13071 - Photographer I	18.38
13072 - Photographer II	20.57
13073 - Photographer III	25.48
13074 - Photographer IV	31.00
13075 - Photographer V	37.51
13090 - Technical Order Library Clerk	20.09
13110 - Video Teleconference Technician	18.91
14000 - Information Technology Occupations	
14041 - Computer Operator I	21.40
14042 - Computer Operator II	24.44
14043 - Computer Operator III	27.26
14044 - Computer Operator IV	30.29

14045 - Computer Operator V	33.54
14071 - Computer Programmer I (see 1)	21.74
14072 - Computer Programmer II (see 1)	24.27
14073 - Computer Programmer III (see 1)	
14074 - Computer Programmer IV (see 1)	
14101 - Computer Systems Analyst I (see 1)	
14102 - Computer Systems Analyst II (see 1)	
14103 - Computer Systems Analyst III (see 1)	
14150 - Peripheral Equipment Operator	21.40
14160 - Personal Computer Support Technician	30.29
14170 - System Support Specialist	33.54
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	32.73
15020 - Aircrew Training Devices Instructor (Rated)	39.60
15030 - Air Crew Training Devices Instructor (Pilot)	47.46
15050 - Computer Based Training Specialist / Instructor	32.73
15060 - Educational Technologist	36.58
15070 - Flight Instructor (Pilot)	47.46
15080 - Graphic Artist	22.90
15085 - Maintenance Test Pilot, Fixed, Jet/Prop	47.46
15086 - Maintenance Test Pilot, Rotary Wing	47.46
15088 - Non-Maintenance Test/Co-Pilot	47.46
15090 - Technical Instructor	22.34
15095 - Technical Instructor/Course Developer	27.33
15110 - Test Proctor	18.03
15120 - Tutor	18.03
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	11.57***
16030 - Counter Attendant	11.57***
16040 - Dry Cleaner	14.34***
16070 - Finisher, Flatwork, Machine	11.57***
16090 - Presser, Hand	11.57***
16110 - Presser, Machine, Drycleaning	11.57***
16130 - Presser, Machine, Shirts	11.57***
16160 - Presser, Machine, Wearing Apparel, Laundry	11.57***
16190 - Sewing Machine Operator	15.35***
16220 - Tailor	16.36***
16250 - Washer, Machine	12.29***
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	24.08
19040 - Tool And Die Maker	28.48
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	22.04
21030 - Material Coordinator	24.51
21040 - Material Expediter	24.51
21050 - Material Handling Laborer	16.80***
21071 - Order Filler	16.58***
21080 - Production Line Worker (Food Processing)	22.04
21110 - Shipping Packer	19.15
21130 - Shipping/Receiving Clerk	19.15
21140 - Store Worker I	16.08***
21150 - Stock Clerk	21.22
21210 - Tools And Parts Attendant	22.04
21410 - Warehouse Specialist	22.04
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	29.23
23019 - Aircraft Logs and Records Technician	23.78
23021 - Aircraft Mechanic I	27.94
23022 - Aircraft Mechanic II	29.23
23023 - Aircraft Mechanic III	30.44
23040 - Aircraft Mechanic Helper	20.58
23050 - Aircraft, Painter	26.76
23060 - Aircraft Servicer	23.78
23070 - Aircraft Survival Flight Equipment Technician	26.76
23080 - Aircraft Worker	25.33

23091 - Aircrew Life Support Equipment (ALSE) Mechanic I	25.33
23092 - Aircrew Life Support Equipment (ALSE) Mechanic II	27.94
23110 - Appliance Mechanic	26.76
23120 - Bicycle Repairer	22.23
23125 - Cable Splicer	41.15
23130 - Carpenter, Maintenance	24.29
23140 - Carpet Layer	25.33
23160 - Electrician, Maintenance	32.75
23181 - Electronics Technician Maintenance I	28.11
23182 - Electronics Technician Maintenance II	30.97
23183 - Electronics Technician Maintenance III	32.33
23260 - Fabric Worker	23.78
23290 - Fire Alarm System Mechanic	27.94
23310 - Fire Extinguisher Repairer	22.23
23311 - Fuel Distribution System Mechanic	37.05
23312 - Fuel Distribution System Operator	29.52
23370 - General Maintenance Worker	22.66
23380 - Ground Support Equipment Mechanic	27.94
23381 - Ground Support Equipment Servicer	23.78
23382 - Ground Support Equipment Worker	25.33
23391 - Gunsmith I	22.23
23392 - Gunsmith II	25.33
23393 - Gunsmith III	27.94
23410 - Heating, Ventilation And Air-Conditioning Mechanic	25.12
23411 - Heating, Ventilation And Air Contidioning Mechanic (Research Facility)	26.29
23430 - Heavy Equipment Mechanic	27.38
23440 - Heavy Equipment Operator	25.44
23460 - Instrument Mechanic	27.94
23465 - Laboratory/Shelter Mechanic	26.76
23470 - Laborer	16.80***
23510 - Locksmith	26.76
23530 - Machinery Maintenance Mechanic	30.08
23550 - Machinist, Maintenance	19.76
23580 - Maintenance Trades Helper	16.81***
23591 - Metrology Technician I	27.94
23592 - Metrology Technician II	29.23
23593 - Metrology Technician III	30.44
23640 - Millwright	33.83
23710 - Office Appliance Repairer	26.76
23760 - Painter, Maintenance	23.14
23790 - Pipefitter, Maintenance	33.63
23810 - Plumber, Maintenance	32.16
23820 - Pneudraulic Systems Mechanic	27.94
23850 - Rigger	27.94
23870 - Scale Mechanic	25.33
23890 - Sheet-Metal Worker, Maintenance	27.94
23910 - Small Engine Mechanic	23.11
23931 - Telecommunications Mechanic I	31.92
23932 - Telecommunications Mechanic II	33.41
23950 - Telephone Lineman	29.89
23960 - Welder, Combination, Maintenance	22.94
23965 - Well Driller	27.94
23970 - Woodcraft Worker	27.94
23980 - Woodworker	22.23
24000 - Personal Needs Occupations	
24550 - Case Manager	17.79
24570 - Child Care Attendant	12.55***
24580 - Child Care Center Clerk	15.64***
24610 - Chore Aide	13.64***
24620 - Family Readiness And Support Services Coordinator	17.79

24630 - Homemaker	17.79
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	32.41
25040 - Sewage Plant Operator	23.54
25070 - Stationary Engineer	32.41
25190 - Ventilation Equipment Tender	23.91
25210 - Water Treatment Plant Operator	23.54
27000 - Protective Service Occupations	
27004 - Alarm Monitor	21.96
27007 - Baggage Inspector	16.38***
27008 - Corrections Officer	27.04
27010 - Court Security Officer	24.75
27030 - Detection Dog Handler	18.32
27040 - Detention Officer	27.04
27070 - Firefighter	22.47
27101 - Guard I	16.38***
27102 - Guard II	18.32
27131 - Police Officer I	25.23
27132 - Police Officer II	28.05
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	16.23***
28042 - Carnival Equipment Repairer	17.14***
28043 - Carnival Worker	12.78***
28210 - Gate Attendant/Gate Tender	17.79
28310 - Lifeguard	12.93***
28350 - Park Attendant (Aide)	19.88
28510 - Recreation Aide/Health Facility Attendant	14.52***
28515 - Recreation Specialist	24.33
28630 - Sports Official	15.84***
28690 - Swimming Pool Operator	19.44
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	30.32
29020 - Hatch Tender	30.32
29030 - Line Handler	30.32
29041 - Stevedore I	28.60
29042 - Stevedore II	31.90
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	47.13
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	32.51
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	35.79
30021 - Archeological Technician I	20.96
30022 - Archeological Technician II	23.44
30023 - Archeological Technician III	29.05
30030 - Cartographic Technician	29.05
30040 - Civil Engineering Technician	27.81
30051 - Cryogenic Technician I	32.16
30052 - Cryogenic Technician II	35.52
30061 - Drafter/CAD Operator I	20.96
30062 - Drafter/CAD Operator II	23.44
30063 - Drafter/CAD Operator III	26.13
30064 - Drafter/CAD Operator IV	32.16
30081 - Engineering Technician I	18.21
30082 - Engineering Technician II	20.44
30083 - Engineering Technician III	22.86
30084 - Engineering Technician IV	28.33
30085 - Engineering Technician V	34.65
30086 - Engineering Technician VI	41.92
30090 - Environmental Technician	26.25
30095 - Evidence Control Specialist	29.05
30210 - Laboratory Technician	28.20
30221 - Latent Fingerprint Technician I	32.16
30222 - Latent Fingerprint Technician II	35.52
30240 - Mathematical Technician	29.05
30361 - Paralegal/Legal Assistant I	20.15
30362 - Paralegal/Legal Assistant II	24.96

30363 - Paralegal/Legal Assistant III	30.53
30364 - Paralegal/Legal Assistant IV	36.94
30375 - Petroleum Supply Specialist	35.52
30390 - Photo-Optics Technician	29.05
30395 - Radiation Control Technician	35.52
30461 - Technical Writer I	28.02
30462 - Technical Writer II	34.28
30463 - Technical Writer III	41.47
30491 - Unexploded Ordnance (UXO) Technician I	29.96
30492 - Unexploded Ordnance (UXO) Technician II	36.25
30493 - Unexploded Ordnance (UXO) Technician III	43.44
30494 - Unexploded (UXO) Safety Escort	29.96
30495 - Unexploded (UXO) Sweep Personnel	29.96
30501 - Weather Forecaster I	32.16
30502 - Weather Forecaster II	39.12
30620 - Weather Observer, Combined Upper Air Or (see 2)	26.13
Surface Programs	
30621 - Weather Observer, Senior (see 2)	29.05
31000 - Transportation/Mobile Equipment Operation Occupations	
31010 - Airplane Pilot	36.25
31020 - Bus Aide	16.25***
31030 - Bus Driver	22.24
31043 - Driver Courier	17.11***
31260 - Parking and Lot Attendant	14.34***
31290 - Shuttle Bus Driver	15.44***
31310 - Taxi Driver	13.07***
31361 - Truckdriver, Light	18.43
31362 - Truckdriver, Medium	20.11
31363 - Truckdriver, Heavy	24.64
31364 - Truckdriver, Tractor-Trailer	24.64
99000 - Miscellaneous Occupations	
99020 - Cabin Safety Specialist	17.67
99030 - Cashier	11.96***
99050 - Desk Clerk	13.07***
99095 - Embalmer	30.72
99130 - Flight Follower	29.96
99251 - Laboratory Animal Caretaker I	15.97***
99252 - Laboratory Animal Caretaker II	16.78***
99260 - Marketing Analyst	29.56
99310 - Mortician	30.72
99410 - Pest Controller	20.58
99510 - Photofinishing Worker	15.74***
99710 - Recycling Laborer	21.79
99711 - Recycling Specialist	25.84
99730 - Refuse Collector	19.80
99810 - Sales Clerk	14.03***
99820 - School Crossing Guard	17.76
99830 - Survey Party Chief	24.63
99831 - Surveying Aide	16.32***
99832 - Surveying Technician	22.39
99840 - Vending Machine Attendant	23.01
99841 - Vending Machine Repairer	28.25
99842 - Vending Machine Repairer Helper	23.01

***Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20 per hour) or 13658 (\$12.90 per hour). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 and 13658 are not currently being enforced as to contracts or contract-like instruments entered into with the federal government in connection with seasonal recreational services or seasonal recreational equipment rental for the general public on federal lands. The

minimum wage requirements of Executive Order 14026 also are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$5.36 per hour, up to 40 hours per week, or \$214.40 per week or \$929.07 per month

HEALTH & WELFARE EO 13706: \$4.93 per hour, up to 40 hours per week, or \$197.20 per week, or \$854.53 per month*

*This rate is to be used only when compensating employees for performance on an SCA-covered contract also covered by EO 13706, Establishing Paid Sick Leave for Federal Contractors. A contractor may not receive credit toward its SCA obligations for any paid sick leave provided pursuant to EO 13706.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, 4 weeks after 15 years, and 5 weeks after 25 years.

Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of twelve paid holidays per year: New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Good Friday, Memorial Day, Juneteenth National Independence Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: This wage determination does not apply to any individual employed in a bona fide executive, administrative, or professional capacity, as defined in 29 C.F.R. Part 541. (See 41 C.F.R. 6701(3)). Because most Computer Systems Analysts and Computer Programmers who are paid at least \$27.63 per hour (or at least \$684 per week if paid on a salary or fee basis) likely qualify as exempt computer professionals under 29 U.S.C. 213(a)(1) and 29 U.S.C. 213(a)(17), this wage determination may not include wage rates for all occupations within those job families. In such instances, a conformance will be necessary if there are nonexempt employees in these job families working on the contract.

Job titles vary widely and change quickly in the computer industry, and are not determinative of whether an employee is an exempt computer professional. To be exempt, computer employees who satisfy the compensation requirements must also have a primary duty that consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional

specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

Any computer employee who meets the applicable compensation requirements and the above duties test qualifies as an exempt computer professional under both section 13(a)(1) and section 13(a)(17) of the Fair Labor Standards Act. (Field Assistance Bulletin No. 2006-3 (Dec. 14, 2006)). Accordingly, this wage determination will not apply to any exempt computer employee regardless of which of these two exemptions is utilized.

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

**** HAZARDOUS PAY DIFFERENTIAL ****

An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, drying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder.

All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving re-grading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made

the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** SERVICE CONTRACT ACT DIRECTORY OF OCCUPATIONS ****

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition (Revision 1), dated September 2015, unless otherwise indicated.

**** REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE, Standard Form 1444 (SF-1444) ****

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination (See 29 CFR 4.6(b)(2)(i)). Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees (See 29 CFR 4.6(b)(2)(ii)). The Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be paid to all employees performing in the classification from the first day of work on which contract work is performed by them in the classification. Failure to pay such unlisted employees the compensation agreed upon by the interested parties and/or fully determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract. (See 29 CFR 4.6(b)(2)(v)). When multiple wage determinations are included in a contract, a separate SF-1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order the proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the U.S. Department of Labor, Wage and Hour Division, for review (See 29 CFR 4.6(b)(2)(ii)).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour Division's decision to the contractor.

6) Each affected employee shall be furnished by the contractor with a written copy of such determination or it shall be posted as a part of the wage determination (See 29 CFR 4.6(b)(2)(iii)).

Information required by the Regulations must be submitted on SF-1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" should be used to compare job definitions to ensure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination (See 29 CFR 4.152(c)(1))."

"General Decision Number: KY20240090 09/20/2024

Superseded General Decision Number: KY20230090

State: Kentucky

Construction Type: Building

County: Fayette County in Kentucky.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	- Executive Order 14026 generally applies to the contract. - The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	- Executive Order 13658 generally applies to the contract. - The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	02/16/2024

2	03/15/2024
3	05/31/2024
4	06/14/2024
5	07/05/2024
6	07/26/2024
7	09/06/2024
8	09/20/2024

ASBE0051-001 03/01/2024

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR.....	\$ 29.31	19.28

BOIL0040-002 01/01/2021

	Rates	Fringes
BOILERMAKER.....	\$ 37.60	27.49

BRKY0018-004 06/01/2023

	Rates	Fringes
BRICKLAYER.....	\$ 33.48	15.92

CARP1076-003 06/01/2024

	Rates	Fringes
MILLWRIGHT.....	\$ 33.08	23.73

CARP1650-011 06/01/2024

	Rates	Fringes
CARPENTER (Acoustical Ceiling Installation, Drywall Finishing/Taping, Drywall Hanging, Form Work, and Metal Stud Installation Only).....	\$ 32.25	18.09

ELEC0369-015 05/29/2024

	Rates	Fringes
ELECTRICIAN.....	\$ 37.88	21.38

ELEV0020-001 01/01/2024

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 54.20	37.885

PAID HOLIDAYS:

a. New Year's Day, Memorial Day, Independence Day, Labor Day,
Veteran's Day, Thanksgiving Day, the Friday after
Thanksgiving, and Christmas Day.

b. Employer contributes 8% of regular hourly rate to vacation
pay credit for employee who has worked in business more
than 5 years; 6% for less than 5 years' service.

* ENGI0181-054 07/01/2024

	Rates	Fringes
POWER EQUIPMENT OPERATOR (Drill).....	\$ 37.83	19.10

* ENGI0181-079 07/01/2024

	Rates	Fringes
POWER EQUIPMENT OPERATOR (Loader).....	\$ 37.83	19.10

* ENGI0181-085 07/01/2024

	Rates	Fringes
POWER EQUIPMENT OPERATOR (Crane).....	\$ 37.83	19.10

CRANES WITH BOOM 150 FEET & OVER, INCLUDING JIB, SHALL
RECEIVE \$.75 ABOVE THE WAGE RATE.
ALL CRANES WITH PILING LEADS WILL RECEIVE \$.50 ABOVE THE
WAGE, REGARDLESS OF BOOM LENGTH.

* ENGI0181-091 07/01/2024

	Rates	Fringes
POWER EQUIPMENT OPERATOR (Forklift).....	\$ 37.83	19.10

* ENGI0181-093 07/01/2024

	Rates	Fringes
POWER EQUIPMENT OPERATOR (Oiler).....	\$ 32.45	19.10

IRON0070-015 06/01/2024

	Rates	Fringes
IRONWORKER (Structural and Ornamental).....	\$ 34.59	25.00

LAB00189-030 06/01/2023

	Rates	Fringes
LABORER (Common or General).....	\$ 26.35	15.63

LAB01445-002 06/01/2023

	Rates	Fringes
LABORER (Power Tool Operator)....	\$ 30.22	20.62

PAIN0387-003 11/01/2023

Rates	Fringes

GLAZIER.....\$ 31.95 16.65

PLAS0132-015 06/01/2020

Rates Fringes

CEMENT MASON/CONCRETE FINISHER...\$ 27.54 18.59

PLUM0452-015 11/01/2023

Rates Fringes

PLUMBER.....\$ 37.25 20.76

PLUM0452-021 11/01/2023

Rates Fringes

PIPEFITTER (Includes HVAC
Pipe and Unit Installation).....\$ 37.25 20.76

ROOF0042-008 08/01/2024

Rates Fringes

ROOFER.....\$ 33.00 18.86

SFKY0669-002 04/01/2024

Rates Fringes

SPRINKLER FITTER.....\$ 41.33 25.49

SHEE0024-031 06/01/2023

Rates Fringes

SHEET METAL WORKER (Includes
HVAC Duct Installation).....\$ 33.53 26.71

* UAVG-KY-0016 01/01/2024

Rates Fringes

BRICKLAYER: TILE FINISHER.....\$ 33.69 16.19

BRICKLAYER: TILE SETTER.....\$ 33.54 16.99

* SUKY2015-029 06/02/2015

Rates Fringes

CARPENTER, Excludes
Acoustical Ceiling
Installation, Drywall
Finishing/Taping, Drywall
Hanging, Form Work, and Metal
Stud Installation.....\$ 20.34 8.58

IRONWORKER, REINFORCING.....\$ 28.38 16.89

LABORER: Mason Tender - Brick...\$ 18.91 0.00

LABORER: Mason Tender -
Cement/Concrete.....\$ 24.13 0.00

LABORER: Pipelayer.....	\$ 20.36	9.90
OPERATOR:		
Backhoe/Excavator/Trackhoe.....	\$ 24.60	12.65
OPERATOR: Bulldozer.....	\$ 19.69	4.71
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 22.52	4.00
OPERATOR: Roller.....	\$ 23.60	12.65
PAINTER (Brush and Roller).....	\$ 25.14	11.29
PAINTER: Spray.....	\$ 22.81	11.87
TRUCK DRIVER: Dump Truck.....	\$ 13.56 **	0.00

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20) or 13658 (\$12.90). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical

order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

State Adopted Rate Identifiers

Classifications listed under the ""SA"" identifier indicate that

the prevailing wage rate set by a state (or local) government was adopted under 29 C.F.R. 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 01/03/2024 reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

"General Decision Number: KY20240082 09/06/2024

Superseded General Decision Number: KY20230082

State: Kentucky

Construction Type: Heavy

Counties: Bourbon, Clark, Fayette, Jessamine, Scott and Woodford Counties in Kentucky.

HEAVY CONSTRUCTION PROJECTS (including sewer/water construction).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	- Executive Order 14026 generally applies to the contract. - The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	- Executive Order 13658 generally applies to the contract. - The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number Publication Date

0	01/05/2024
1	03/01/2024
2	03/15/2024
3	06/14/2024
4	07/05/2024
5	09/06/2024

ELEC0369-004 09/04/2023

	Rates	Fringes
LINE CONSTRUCTION		
Equipment Operator.....	\$ 38.76	23%+7.00
Groundman.....	\$ 25.51	23%+7.00
Lineman.....	\$ 43.41	23%+7.00

* ELEC0369-008 05/29/2024

	Rates	Fringes
ELECTRICIAN.....	\$ 37.88	21.38

ENGI0181-016 07/01/2024

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 40.05	19.10

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - Crane; Forklift

Operators on cranes with boom 150 feet and over, including jib, shall receive \$0.75 above Group 1. All cranes with piling leads will receive \$0.50 above Group 1 rate regardless of boom length. Combination rate shall mean \$0.50 per hour above the basic hourly rate of pay.

Employees assigned to work below ground level are to be paid 10% above basic wage rate. This does not apply to open cut work.

ENGI0181-051 07/01/2024

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 40.05	19.10
GROUP 2.....	\$ 37.19	19.10
GROUP 4.....	\$ 36.87	19.10

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - Drill; Pumpcrete; Roller (Bituminous)

GROUP 2 - Bobcat/Skid Steer/Skid Loader; Concrete Pump; Roller (Rock)

GROUP 4 - Pump; Roller (Earth)

Operators on cranes with booms 150 feet and over (including jib) shall receive \$1.00 above Group 1 rate; 250 feet and over including jib shall receive \$1.50 above Class 1 rate.

Combination Rate: All crane operators operating cranes, where the length of the boom in combination with the length of the piling leads equal or exceeds 150 feet, shall receive \$1.00 above the Group 1 rate.

Employees assigned to work below ground level are to be paid 10% above basic wage rate. This does not apply to open cut work.

IRON0044-005 06/01/2024

	Rates	Fringes
IRONWORKER (STRUCTURAL AND REINFORCING).....	\$ 35.37	23.00

IRON0070-011 06/01/2024

	Rates	Fringes
IRONWORKER, ORNAMENTAL.....	\$ 34.59	25.00

LAB00189-020 07/01/2023

	Rates	Fringes
LABORER Concrete Worker.....	\$ 23.96	17.57

LAB00265-014 05/01/2023

	Rates	Fringes
LABORER Concrete Saw (Hand Held/Walk Behind).....	\$ 34.79	13.65
Flagger.....	\$ 34.62	13.65

SUKY2011-038 06/25/2014

	Rates	Fringes
CARPENTER (Form Work Only).....	\$ 24.80	8.76
LABORER: Common or General.....	\$ 22.17	9.64
LABORER: Concrete Finishing.....	\$ 25.75	8.60
LABORER: Pipelayer.....	\$ 19.66	10.85
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 22.56	12.10
OPERATOR: Bulldozer.....	\$ 27.90	13.00
OPERATOR: Loader.....	\$ 26.68	13.00
OPERATOR: Mechanic.....	\$ 28.60	11.83
OPERATOR: Oiler.....	\$ 24.34	13.00
OPERATOR: Trencher.....	\$ 26.27	12.37
TRUCK DRIVER: Dump Truck.....	\$ 17.82	3.26

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

State Adopted Rate Identifiers

Classifications listed under the ""SA"" identifier indicate that the prevailing wage rate set by a state (or local) government was adopted under 29 C.F.R. 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 01/03/2024 reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour

National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

"General Decision Number: OH20240001 09/06/2024

Superseded General Decision Number: OH20230001

State: Ohio

Construction Types: Heavy and Highway

Counties: Ohio Statewide.

Heavy and Highway Construction Projects

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	- Executive Order 14026 generally applies to the contract. - The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	- Executive Order 13658 generally applies to the contract. - The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	01/26/2024
2	03/08/2024

3	04/05/2024
4	07/05/2024
5	07/26/2024
6	08/23/2024
7	09/06/2024
8	09/06/2024

BROH0001-001 06/01/2023

DEFIANCE, FULTON (Excluding Fulton, Amboy & Swan Creek Townships), HENRY (Excluding Monroe, Bartlow, Liberty, Washington, Richfield, Marion, Damascus & Townships & that part of Harrison Township outside corporate limits of city of Napoleon), PAULDING, PUTNAM and WILLIAMS COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0001-004 06/01/2023

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 32.40	19.30

BROH0003-002 06/01/2023

FULTON (Townships of Amboy, Swan Creek & Fulton), HENRY (Townships of Washington, Damascus, Richfield, Bartlow, Liberty, Harrison, Monroe, & Marion), LUCAS and WOOD (Townships of Perrysburg, Ross, Lake, Troy, Freedom, Montgomery, Webster, Center, Portage, Middleton, Plain, Liberty, Henry, Washington, Weston, Milton, Jackson & Grand Rapids) COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0005-003 06/01/2020

CUYAHOGA, LORAIN & MEDINA (Hinckley, Granger, Brunswick, Liverpool, Montville, York, Homer, Harrisville, Chatham, Litchfield & Spencer Townships and the city of Medina)

	Rates	Fringes
BRICKLAYER		
BRICKLAYERS; CAULKERS;		
CLEANERS; POINTERS; &		
STONEMASONS.....	\$ 36.64	17.13
SANDBLASTERS.....	\$ 36.39	17.13
SEWER BRICKLAYERS & STACK		
BUILDERS.....	\$ 36.64	17.13
SWING SCAFFOLDS.....	\$ 37.14	17.13

BROH0006-005 06/01/2023

CARROLL, COLUMBIANA (Knox, Butler, West & Hanover Townships), STARK & TUSCARAWAS

	Rates	Fringes

Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0007-002 06/01/2023

LAWRENCE

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0007-005 06/01/2023

PORTAGE & SUMMIT

	Rates	Fringes
BRICKLAYER.....	\$ 32.40	19.30

BROH0007-010 06/01/2023

PORTAGE & SUMMIT

	Rates	Fringes
MASON - STONE.....	\$ 32.40	19.30

BROH0008-001 06/01/2023

COLUMBIANA (Salem, Perry, Fairfield, Center, Elk Run,
Middleton, & Unity Townships and the city of New Waterford),
MAHONING & TRUMBULL

	Rates	Fringes
BRICKLAYER.....	\$ 32.40	19.30

BROH0009-002 06/01/2023

BELMONT & MONROE COUNTIES and the Townships of Warren & Mt.
Pleasant and the Village of Dillonvale in JEFFERSON COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30
Refractory.....	\$ 31.45	19.01

BROH0010-002 06/01/2023

COLUMBIANA (St. Clair, Madison, Wayne, Franklin, Washington,
Yellow Creek & Liverpool Townships) & JEFFERSON (Brush Creek &
Saline Townships)

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0014-002 06/01/2023

HARRISON & JEFFERSON (Except Mt. Pleasant, Warren, Brush Creek,
Saline & Salineville Townships & the Village of Dillonvale)

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0016-002 06/01/2023

ASHTABULA, GEAUGA, and LAKE COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0018-002 06/01/2023

BROWN, BUTLER, CLERMONT, HAMILTON, PREBLE (Gasper, Dixon, Israel, Lanier, Somers & Gratis Townships) & WARREN COUNTIES:

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0022-004 06/01/2023

CHAMPAIGN, CLARK, CLINTON, DARKE, GREENE, HIGHLAND, LOGAN, MIAMI, MONTGOMERY, PREBLE (Jackson, Monroe, Harrison, Twin, Jefferson & Washington Townships) and SHELBY COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0032-001 06/01/2023

GALLIA & MEIGS

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0035-002 06/01/2023

ALLEN, AUGLAIZE, MERCER and VAN WERT COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0039-002 06/01/2023

ADAMS & SCIOTO

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0040-003 06/01/2023

ASHLAND, CRAWFORD, HARDIN, HOLMES, MARION, MORROW, RICHLAND, WAYNE and WYANDOT (Except Crawford, Ridge, Richland & Tymochtee Townships) COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

FOOTNOTE: Layout Man and Sawman rate: \$1.00 per hour above journeyman rate.

Free standing stack work ground level to top of stack;
Sandblasting and laying of carbon masonry material in swing stage and/or scaffold; Ramming and spading of plastics and gunniting: \$1.50 per hour above journeyman rate.

""Hot"" work: \$2.50 above journeyman rate.

BROH0044-002 06/01/2023

	Rates	Fringes
Bricklayer, Stonemason COSHOCOTON, FAIRFIELD, GUERNSEY, HOCKING, KNOX, KICKING, MORGAN, MUSKINGUM, NOBLE (Beaver, Buffalo, Seneca & Wayne Townships) & PERRY COUNTIES:.....	\$ 32.40	19.30

BROH0045-002 06/01/2023

FAYETTE, JACKSON, PIKE, ROSS and VINTON COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 35.39	17.47

BROH0046-002 06/01/2023

ERIE, HANCOCK, HURON, OTTAWA, SANDUSKY, SENECA, WOOD (Perry & Bloom Townships) and WYANDOT (Tymochtee, Crawford, Ridge & Richland Townships) COUNTIES & the Islands of Lake Erie north of Sandusky

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

FOOTNOTE: Layout Man and Sawman rate: \$1.00 per hour above journeyman rate.

Free standing stack work ground level to top of stack;
Sandblasting and laying of carbon masonry material in swing stage and/or scaffold; Ramming and spading of plastics and gunniting: \$1.50 per hour above journeyman rate.

""Hot"" work: \$2.50 above journeyman rate.

BROH0052-001 06/01/2023

ATHENS COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0052-003 06/01/2023

NOBLE (Brookfield, Noble, Center, Sharon, Olive, Enoch, Stock,
Jackson, Jefferson & Elk Townships) and WASHINGTON COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0055-003 06/01/2023

DELAWARE, FRANKLIN, MADISON, PICKAWAY and UNION COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

CARP0003-004 05/01/2017

MAHONING & TRUMBULL

	Rates	Fringes
CARPENTER.....	\$ 26.20	17.42

CARP0069-003 05/01/2017

CARROLL, STARK, TUSCARAWAS & WAYNE

	Rates	Fringes
CARPENTER.....	\$ 25.98	15.98

CARP0069-006 05/01/2017

COSHOCTON, HOLMES, KNOX & MORROW

	Rates	Fringes
CARPENTER.....	\$ 24.04	15.29

CARP0171-002 05/01/2024

BELMONT, COLUMBIANA, HARRISON, JEFFERSON & MONROE

	Rates	Fringes
CARPENTER.....	\$ 31.82	25.11

CARP0200-002 05/01/2024

ADAMS, ATHENS, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA,
GUERNSEY, HIGHLAND, HOCKING, JACKSON, LAWRENCE, LICKING,
MADISON, MARION, MEIGS, MORGAN, MUSKINGUM, NOBLE, PERRY,
PICKAWAY, PIKE, ROSS, SCIOTO, UNION, VINTON and WASHINGTON
COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 33.15	22.43
Diver.....	\$ 39.41	10.40
PILEDRIVERMAN.....	\$ 33.15	22.43

CARP0248-005 07/01/2008

LUCAS & WOOD

	Rates	Fringes
CARPENTER.....	\$ 27.27	14.58

CARP0248-008 07/01/2008

	Rates	Fringes
CARPENTER DEFIANCE, FULTON, HANCOCK, HENRY, PAULDING & WILLIAMS COUNTIES.....	\$ 23.71	13.28

CARP0254-002 05/01/2017

ASHTABULA, CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
CARPENTER.....	\$ 32.40	16.97

CARP0372-002 05/01/2024

ALLEN, AUGLAIZE, HARDIN, MERCER, PUTNAM & VAN WERT

	Rates	Fringes
CARPENTER.....	\$ 30.73	25.09

CARP0639-003 05/01/2017

MEDINA, PORTAGE & SUMMIT

	Rates	Fringes
CARPENTER.....	\$ 30.42	16.99

CARP0735-002 05/01/2024

ASHLAND, ERIE, HURON, LORAIN & RICHLAND

	Rates	Fringes
CARPENTER.....	\$ 33.43	22.31

CARP1311-001 05/01/2017

BROWN, BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, DARKE,
GREENE, HAMILTON, LOGAN, MIAMI, MONTGOMERY, PREBLE, SHELBY &
WARREN

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 29.34	15.95
Diver.....	\$ 40.58	9.69

CARP1393-002 05/01/2024

CRAWFORD, DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA,
PAULDING, SANDUSKY, SENECA, WILLIAMS & WOOD

	Rates	Fringes
Piledrivermen & Diver's Tender...	\$ 36.84	27.72

DIVERS - \$250.00 per day

CARP1393-003 05/01/2024

ALLEN, AUGLAIZE, HARDIN, MERCER, PUTNAM, VAN WERT & WYANDOT

	Rates	Fringes
Piledrivermen & Diver's Tender...	\$ 34.68	27.60

DIVERS - \$250.00 per day

CARP1871-006 05/01/2017

BELMONT, HARRISON, & MONROE

	Rates	Fringes
Diver, Wet.....	\$ 48.11	17.33
Piledrivermen; Diver, Dry.....	\$ 32.07	17.33

CARP1871-008 05/01/2017

ASHLAND, ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE,
LORAIN, MEDINA, PORTAGE, RICHLAND & SUMMIT

	Rates	Fringes
Diver, Wet.....	\$ 45.80	18.84
Piledrivermen; Diver, Dry.....	\$ 30.53	18.84

CARP1871-014 05/01/2017

CARROLL, STARK, TUSCARAWAS & WAYNE

	Rates	Fringes
Diver, Wet.....	\$ 38.34	16.95
Piledrivermen; Diver, Dry.....	\$ 25.56	16.95

CARP1871-015 05/01/2017

COSHOCTON, HOLMES, KNOX & MORROW

	Rates	Fringes
Diver, Wet.....	\$ 37.34	16.07
Piledrivermen; Diver, Dry.....	\$ 24.89	16.07

CARP1871-017 05/01/2017

MAHONING & TRUMBULL

	Rates	Fringes
Diver, Wet.....	\$ 40.65	17.62
Piledrivermen; Diver, Dry.....	\$ 27.10	17.62

CARP2235-012 01/01/2014

COLUMBIANA & JEFFERSON

	Rates	Fringes
PILEDRIVERMAN.....	\$ 31.74	16.41

CARP2239-001 07/01/2008		

CRAWFORD, OTTAWA, SANDUSKY, SENECA & WYANDOT

	Rates	Fringes
CARPENTER.....	\$ 23.71	13.28

ELEC0008-002 05/29/2023		

DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA, PAULDING,
PUTNAM, SANDUSKY, SENECA, WILLIAMS & WOOD

	Rates	Fringes
CABLE SPLICER.....	\$ 38.98	18.96
ELECTRICIAN.....	\$ 46.38	4.5%+21.96

ELEC0032-003 06/01/2024		

ALLEN, AUGLAIZE, HARDIN, LOGAN, MERCER, SHELBY, VAN WERT &
WYANDOT (Crawford, Jackson, Marseilles, Mifflin, Ridgeland,
Ridge & Salem Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 35.17	22.92

ELEC0038-002 04/29/2024		

CUYAHOGA, GEAUGA (Bainbridge, Chester & Russell Townships) &
LORAIN (Columbia Township)

	Rates	Fringes
ELECTRICIAN Excluding Sound & Communications Work.....	\$ 45.23	23.88

FOOTNOTES;

- a. 6 Paid Holidays: New Year's Day; Memorial Day; July 4th;
Labor Day; Thanksgiving Day; & Christmas Day
- b. 1 week's paid vacation for 1 year's service; 2 weeks' paid
vacation for 2 or more years' service

ELEC0038-008 04/24/2023

CUYAHOGA, GEAUGA (Bainbridge, Chester & Russell Townships) &
LORAIN (Columbia Township)

	Rates	Fringes
Sound & Communication Technician		

Communications Technician...	\$ 29.80	13.80
Installer Technician.....	\$ 28.55	13.76

FOOTNOTES;

- a. 6 Paid Holidays: New Year's Day; Memorial Day; July 4th; Labor Day; Thanksgiving Day; & Christmas Day
- b. 1 week's paid vacation for 1 year's service; 2 weeks' paid vacation for 2 or more years' service

ELEC0064-003 11/27/2023

COLUMBIANA (Butler, Fairfield, Perry, Salem & Unity Townships)
MAHONING (Austintown, Beaver, Berlin, Boardman, Canfield, Ellsworth, Coitsville, Goshen, Green, Jackson, Poland, Springfield & Youngstown Townships), & TRUMBULL (Hubbard & Liberty Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 37.90	20.08

ELEC0071-001 01/01/2024

ASHLAND, CHAMPAIGN, CLARK, COSHOCTON, CRAWFORD, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GUERNSEY, HIGHLAND, HOCKING, JACKSON (Coal, Jackson, Liberty, Milton, Washington & Wellston Townships), KNOX, LICKING, MADISON, MARION, MONROE, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE (Beaver, Benton, Jackson, Mifflin, Pebble, Peepee, Perry & Seal Townships), RICHLAND, ROSS, TUSCARAWAS (Auburn, Bucks, Clay, Jefferson, Oxford, Perry, Salem, Rush, Washington & York Townships), UNION, VINTON (Clinton, Eagle, Elk, Harrison, Jackson, Richland & Swan Townships), and WASHINGTON COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operators.....	\$ 39.11	17.14
Groundmen.....	\$ 25.90	13.97
Linemen & Cable Splicers....	\$ 44.52	18.43

ELEC0071-004 01/01/2024

AUGLAIZE, CLINTON, DARKE, GREENE, LOGAN, MERCER, MIAMI, MONTGOMERY, PREBLE, and SHELBY COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 39.11	17.14
Groundman.....	\$ 25.90	13.97
Lineman & Cable Splicers....	\$ 44.52	18.43

ELEC0071-005 01/01/2024

ASHTABULA, CUYAHOGA, GEAUGA, LAKE & LORAIN

	Rates	Fringes
LINE CONSTRUCTION: Equipment Operator		

	DOT/Traffic Signal & Highway Lighting Projects...\$ 37.43	26%+7.75
	Municipal Power/Transit Projects.....\$ 47.86	27%+7.65
LINE	CONSTRUCTION: Groundman	
	DOT/Traffic Signal & Highway Lighting Projects...\$ 25.63	26%+7.75
	Municipal Power/Transit Projects.....\$ 31.91	27%+7.65
LINE	CONSTRUCTION:	
	Linemen/Cable Splicer	
	DOT/Traffic Signal & Highway Lighting Projects...\$ 42.20	26%+7.75
	Municipal Power/Transit Projects.....\$ 53.18	27%+7.65

ELEC0071-008 01/01/2024

COLUMBIANA, MAHONING, and TRUMBULL COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator.....\$ 39.11		17.14
Groundman.....\$ 25.90		13.97
Lineman & Cable Splicers....\$ 44.52		18.43

ELEC0071-010 01/01/2024

	Rates	Fringes
Line Construction		
Equipment Operator.....\$ 39.11		17.14
Groundman.....\$ 25.90		13.97
Lineman & Cable Splicers....\$ 44.52		18.43

ELEC0071-013 01/01/2024

BROWN, BUTLER, CLERMONT, HAMILTON, and WARREN COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator.....\$ 39.11		17.14
Groundman.....\$ 25.90		13.97
Lineman & Cable Splicers....\$ 44.52		18.43

ELEC0071-014 01/01/2024

ADAMS, ATHENS, GALLIA, JACKSON (Bloomfield, Franklin, Hamilton, Lick, Jefferson, Scioto & Madison Townships), LAWRENCE, MEIGS, PIKE (Camp Creek, Marion, Newton, Scioto, Sunfish & Union Townships), SCIOTO & VINTON (Brown, Knox, Madison, Vinton & Wilkesville Townships)

	Rates	Fringes
Line Construction		
Equipment Operator.....\$ 39.11		17.14
Groundman.....\$ 25.90		13.97
Lineman & Cable Splicers....\$ 44.52		18.43

ELEC0082-002 12/04/2023

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE & WARREN
(Wayne, Clear Creek & Franklin Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 36.00	21.99

* ELEC0082-006 11/28/2022

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE & WARREN
(Wayne, Clear Creek & Franklin Townships)

	Rates	Fringes
Sound & Communication Technician		
Cable Puller.....	\$ 13.10 **	4.76
Installer/Technician.....	\$ 26.20	13.89

ELEC0129-003 02/26/2024

LORAIN (Except Columbia Township) & MEDINA (Litchfield &
Liverpool Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 41.40	18.36

ELEC0129-004 02/26/2024

ERIE & HURON (Lyme, Ridgefield, Norwalk, Townsend, Wakeman,
Sherman, Peru, Bronson, Hartland, Clarksfield, Norwich,
Greenfield, Fairfield, Fitchville & New London Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 41.40	18.36

ELEC0141-003 06/02/2024

BELMONT COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 42.94	27.74
ELECTRICIAN.....	\$ 39.04	27.62

ELEC0212-003 11/26/2018

BROWN, CLERMONT & HAMILTON

	Rates	Fringes
Sound & Communication Technician.....	\$ 24.35	10.99

ELEC0212-005 06/03/2024

BROWN, CLERMONT, and HAMILTON COUNTIES

	Rates	Fringes

ELECTRICIAN.....\$ 35.43 22.05

ELEC0245-001 08/29/2022

ALLEN, HARDIN, VAN WERT & WYANDOT (Crawford, Jackson,
Marseilles, Mifflin, Richland, Ridge & Salem Townships)

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 32.37	26.5%+7.25
Groundman Truck Driver.....	\$ 19.35	7.00+27.25%
Lineman.....	\$ 44.22	7.00+27.25%

FOOTNOTE: a. Half day's Paid Holiday: The last 4 hours of
the workday prior to Christmas or New Year's Day

ELEC0245-003 01/01/2024

DEFIANCE, FULTON, HANCOCK, HENRY, HURON, LUCAS, OTTAWA,
PAULDING, PUTNAM, SANDUSKY, SENECA, WILLIAMS, and WOOD COUNTIES

	Rates	Fringes
Line Construction		
Cable Splicer.....	\$ 52.53	7.75+27%
Groundman/Truck Driver.....	\$ 19.99	7.75+27%
Heli-arc Welding.....	\$ 45.98	7.75+27%
Lineman.....	\$ 45.68	7.75+27%
Operator - Class 1.....	\$ 36.54	7.75+27%
Operator - Class 2.....	\$ 31.98	7.75+27%
Traffic Signal & Lighting Technician.....	\$ 41.11	7.75+27%

FOOTNOTE: a. 6 Observed Holidays: New Year's Day; Memorial
Day; Independence Day; Labor Day; Thanksgiving Day; &
Christmas Day. Employees who work on a holiday shall be
paid at a rate of double their applicable classified
straight-time rates for the work performed on such holiday.

ELEC0245-004 08/28/2023

ERIE COUNTY

	Rates	Fringes
Line Construction		
Cable Splicer.....	\$ 49.14	26.75%+6.75
Cablesplicer.....	\$ 52.76	27%+7.50
Groundman/Truck Driver.....	\$ 20.07	27%+7.50
Lineman.....	\$ 45.88	27%+7.50
Operator - Class 1.....	\$ 36.70	27%+7.50
Operator - Class 2.....	\$ 32.12	27%+7.50

FOOTNOTE: a. 6 Observed Holidays: New Year's Day; Memorial
Day; Independence Day; Labor Day; Thanksgiving Day; &
Christmas Day. Employees who work on a holiday shall be
paid at a rate of double their applicable classified
straight-time rates for the work performed on such holiday.

ELEC0246-001 10/30/2023

	Rates	Fringes
ELECTRICIAN.....	\$ 42.50	55%+13.88

FOOTNOTE: a. 1 1/2 Paid Holidays: The last scheduled workday prior to Christmas & 4 hours on Good Friday.

ELEC0306-005 05/27/2024

MEDINA (Brunswick, Chatham, Granger, Guilford, Harrisville, Hinckley, Homer, Lafayette, Medina, Montville, Sharon, Spencer, Wadsworth, Westfield & York Townships), PORTAGE (Atwater, Aurora, Brimfield, Deerfield, Franklin, Mantua, Randolph, Ravenna, Rootstown, Shalersville, Streetsboro & Suffield Townships), SUMMIT & WAYNE (Baughman, Canaan, Chester, Chippewa, Congress, Green, Milton, & Wayne Townships)

	Rates	Fringes
CABLE SPLICER.....	\$ 36.87	16.56
ELECTRICIAN.....	\$ 42.55	5.25%+20.95

ELEC0317-002 05/29/2023

GALLIA & LAWRENCE

	Rates	Fringes
CABLE SPLICER.....	\$ 32.68	18.13
ELECTRICIAN.....	\$ 37.15	28.48

ELEC0540-005 01/01/2024

CARROLL (Northern half, including Fox, Harrison, Rose & Washington Townships), COLUMBIANA (Knox Township), HOLMES, MAHONING (Smith Township), STARK, TUSCARAWAS (North of Auburn, Clay, Rush & York Townships), and WAYNE (South of Baughman, Chester, Green & Wayne Townships) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 36.96	28.18

ELEC0573-003 05/27/2024

ASHTABULA (Colebrook, Wayne, Williamsfield, Orwell & Windsor Townships), GEAUGA (Auburn, Middlefield, Parkman & Troy Townships), MAHONING (Milton Township), PORTAGE (Charlestown, Edinburg, Freedom, Hiram, Nelson, Palmyra, Paris & Windham Townships), and TRUMBULL (Except Liberty & Hubbard Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 40.40	22.20

ELEC0575-001 05/29/2023

ADAMS, FAYETTE, HIGHLAND, HOCKING, JACKSON (Bloomfield,

Franklin, Hamilton, Jefferson, Lick, Madison, Scioto, Coal, Jackson, Liberty, Milton & Washington Townships), PICKAWAY (Deer Creek, Perry, Pickaway, Salt Creek & Wayne Townships), PIKE (Beaver, Benton, Jackson, Mifflin, Pebble, PeePee, Perry, Seal, Camp Creek, Newton, Scioto, Sunfish, Union & Marion Townships), ROSS, SCIOTO & VINTON (Clinton, Eagle, Elk, Harrison, Jackson, Richland & Swan Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 37.00	22.26

ELEC0648-001 08/29/2023

BUTLER and WARREN COUNTIES (Deerfield, Hamilton, Harlan, Massie, Salem, Turtle Creek, Union & Washington Townships)

	Rates	Fringes
CABLE SPLICER.....	\$ 30.50	18.23
ELECTRICIAN.....	\$ 34.00	21.98

ELEC0673-004 05/27/2024

ASHTABULA (Excluding Orwell, Colebrook, Williamsfield, Wayne & Windsor Townships), GEAUGA (Burton, Chardon, Claridon, Hambden, Huntsburg, Montville, Munson, Newbury & Thompson Townships) and LAKE COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 33.81	21.47
ELECTRICIAN.....	\$ 39.64	23.86

ELEC0683-002 05/29/2023

CHAMPAIGN, CLARK, DELAWARE, FAIRFIELD, FRANKLIN, MADISON, PICKAWAY (Circleville, Darby, Harrison, Jackson, Madison, Monroe, Muhlenberg, Scioto, Walnut & Washington Townships), and UNION COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 38.75	24.19
ELECTRICIAN.....	\$ 37.75	24.16

ELEC0688-003 05/30/2022

ASHLAND, CRAWFORD, HURON (Richmond, New Haven, Ripley & Greenwich Townships), KNOX (Liberty, Clinton, Union, Howard, Monroe, Middleberry, Morris, Wayne, Berlin, Pike, Brown & Jefferson Townships), MARION, MORROW, RICHLAND and WYANDOT (Sycamore, Crane, Eden, Pitt, Antrim & Tymochtee Townships) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 32.30	21.83

ELEC0972-002 06/01/2023

ATHENS, MEIGS, MONROE, MORGAN, NOBLE, VINTON (Brown, Knox, Madison, Vinton & Wilkesville Townships), and WASHINGTON COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 35.70	30.26
ELECTRICIAN.....	\$ 35.45	30.25

ELEC1105-001 05/29/2023

COSHOCTON, GUERNSEY, KNOX (Jackson, Clay, Morgan, Miller, Milford, Hilliar, Butler, Harrison, Pleasant & College Townships), LICKING, MUSKINGUM, PERRY, and TUSCARAWAS (Auburn, York, Clay, Jefferson, Rush, Oxford, Washington, Salem, Perry & Bucks Townships) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 36.45	24.22

ENGI0018-003 05/01/2024

ASHTABULA, CUYAHOGA, ERIE, GEAUGA, LAKE, LORAIN, MEDINA, PORTAGE, and SUMMIT COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 45.63	16.41
GROUP 2.....	\$ 45.53	16.41
GROUP 3.....	\$ 44.49	16.41
GROUP 4.....	\$ 43.27	16.41
GROUP 5.....	\$ 37.98	16.41
GROUP 6.....	\$ 46.63	16.41
GROUP 7.....	\$ 46.63	16.41

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - Air Compressor on Steel Erection; Barrier Moving Machine; Boiler Operator on Compressor or Generator when mounted on a Rig; Cableway; Combination Concrete Mixer & Tower; Concrete Plant (over 4 yd. Capacity); Concrete Pump; Crane (All Types, Including Boom Truck, Cherry Picker); Crane-Compact, Track or Rubber over 4,000 lbs. capacity; Cranes-Self Erecting, Stationary, Track or Truck (All Configurations); Derrick; Dragline; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loader; Floating Equipment (All Types); Gradall; Helicopter Crew (Operator-Hoist or Winch); Hoe (all types); Hoisting Engine on Shaft or Tunnel Work; Hydraulic Gantry (Lifting System); Industrial-Type Tractor; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotive (Standard Gauge); Maintenance Operator Class A; Mixer, Paving (Single or Double Drum); Mucking Machine; Multiple Scraper; Piledriving Machine (All Types); Power Shovel; Prentice Loader; Quad 9 (Double Pusher); Rail Tamper (with auto lifting & aligning device); Refrigerating Machine (Freezer Operation); Rotary Drill, on Caisson work; Rough Terrain Fork Lift with Winch/Hoist; Side-Boom; Slip-Form Paver; Tower Derrick; Tree Shredder; Trench Machine (Over 24" wide); Truck Mounted Concrete Pump; Tug

Boat; Tunnel Machine and/or Mining Machine; Wheel Excavator; and Asphalt Plant Engineer (Cleveland District Only).

GROUP 2 - Asphalt Paver; Automatic Subgrader Machine, Self-Propelled (CMI Type); Bobcat Type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Boring Machine More than 48"; Bulldozer; Endloader; Horizontal Directional Drill (Over 50,000 ft lbs thrust); Hydro Milling Machine; Kolman-type Loader (production type-Dirt); Lead Greaseman; Lighting & Traffic Signal Installation Equipment (includes all groups or classifications); Material Transfer Equipment (Shuttle Buggy) Asphalt; Pettibone-Rail Equipment; Power Grader; Power Scraper; Push Cat; Rotomill (all), Grinders & Planers of All types; Trench Machine (24" wide & under); Vermeer type Concrete Saw; and Maintenance Operators (Portage and Summit Counties Only).

GROUP 3 - A-Frame; Air Compressor on Tunnel Work (low pressure); Asphalt Plant Engineer (Portage and Summit Counties Only); Bobcat-type and/or Skid Steer Loader with or without Attachments; Highway Drills (all types); Locomotive (narrow gauge); Material Hoist/Elevator; Mixer, Concrete (more than one bag capacity); Mixer, one bag capacity (Side Loader); Power Boiler (Over 15 lbs. Pressure) Pump Operator installing & operating Well Points; Pump (4" & over discharge); Roller, Asphalt; Rotovator (lime soil stabilizer); Switch & Tie Tampers (without lifting & aligning device); Utility Operator (Small equipment); Welding Machines; and Railroad Tie Inserter/Remover; Articulating/straight bed end dumps if assigned (minus \$4.00 per hour).

GROUP 4 - Backfiller; Ballast Re-locator; Bars, Joint & Mesh Installing Machine; Batch Plant; Boring Machine Operator (48" or less); Bull Floats; Burlap & Curing Machine; Concrete Plant (capacity 4 yd. & under); Concrete Saw (Multiple); Conveyor (Highway); Crusher; Deckhand; Farm-type Tractor with attachments (highway); Finishing Machine; Fireperson, Floating Equipment (all types); Forklift; Form Trencher; Hydro Hammer expect masonry; Hydro Seeder; Pavement Breaker; Plant Mixer; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form Handling Equipment; Road Widening Trencher; Roller (Brick, Grade & Macadam); Self-Propelled Power Spreader; Self-Propelled Power Subgrader; Steam Fireperson; Tractor (Pulling Sheepfoot, Roller or Grader); and Vibratory Compactor with Integral Power.

GROUP 5 - Compressor (Portable, Sewer, Heavy & Highway); Drum Fireperson (Asphalt Plant); Generator; Masonry Fork Lift; Inboard-Outboard Motor Boat Launch; Oil Heater (asphalt plant); Oiler/Helper; Power Driven Heater; Power Sweeper & Scrubber; Pump (under 4" discharge); Signalperson; Tire Repairperson; VAC/ALLS; Cranes - Compact, track or rubber under 4,000 pound capacity; fueling and greasing; and Chainmen.

GROUP 6 - Master Mechanic & Boom from 150 to 180.

GROUP 7 - Boom from 180 and over.

ADAMS, ALLEN, ASHLAND, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, LUCAS, MADISON, MARION, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, and YANDOT COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 44.14	16.41
GROUP 2.....	\$ 44.02	16.41
GROUP 3.....	\$ 42.98	16.41
GROUP 4.....	\$ 41.80	16.41
GROUP 5.....	\$ 36.34	16.41
GROUP 6.....	\$ 45.14	16.41
GROUP 7.....	\$ 45.14	16.41

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - Air Compressor on Steel Erection; Barrier Moving Machine; Boiler Operator on Compressor or Generator when mounted on a Rig; Cableway; Combination Concrete Mixer & Tower; Concrete Plant (over 4 yd. Capacity); Concrete Pump; Crane (All Types, Including Boom Truck, Cherry Picker); Crane-Compact, Track or Rubber over 4,000 lbs. capacity; Cranes-Self Erecting, Stationary, Track or Truck (All Configurations); Derrick; Dragline; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loader; Floating Equipment (All Types); Gradall; Helicopter Crew (Operator-Hoist or Winch); Hoe (all types); Hoisting Engine on Shaft or Tunnel Work; Hydraulic Gantry (Lifting System); Industrial-Type Tractor; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotive (Standard Gauge); Maintenance Operator Class A; Mixer, Paving (Single or Double Drum); Mucking Machine; Multiple Scraper; Piledriving Machine (All Types); Power Shovel; Prentice Loader; Quad 9 (Double Pusher); Rail Tamper (with auto lifting & aligning device); Refrigerating Machine (Freezer Operation); Rotary Drill, on Caisson work; Rough Terrain Fork Lift with Winch/Hoist; Side-Boom; Slip-Form Paver; Tower Derrick; Tree Shredder; Trench Machine (Over 24" wide); Truck Mounted Concrete Pump; Tug Boat; Tunnel Machine and/or Mining Machine; and Wheel Excavator.

GROUP 2 - Asphalt Paver; Automatic Subgrader Machine, Self-Propelled (CMI Type); Bobcat Type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Boring Machine More than 48"; Bulldozer; Endloader; Hydro Milling Machine; Horizontal Directional Drill (over 50,000 ft. lbs. thrust); Kolman-type Loader (production type-Dirt); Lead Greaseman; Lighting & Traffic Signal Installation Equipment (includes all groups or classifications); Material Transfer Equipment (Shuttle Buggy) Asphalt; Pettibone-Rail Equipment; Power Grader; Power Scraper; Push Cat; Rotomill (all), Grinders & Planers of All types; Trench Machine (24" wide & under); and Vermeer type Concrete Saw.

GROUP 3 - A-Frame; Air Compressor on Tunnel Work (low pressure); Asphalt Plant Engineer; Bobcat-type and/or Skid Steer Loader with or without Attachments; Highway Drills (all types); Locomotive (narrow gauge); Material Hoist/Elevator; Mixer, Concrete (more than one bag capacity); Mixer, one bag capacity (Side Loader); Power Boiler (Over 15 lbs. Pressure) Pump Operator installing & operating Well Points; Pump (4" & over discharge); Railroad Tie Insert/Remover; Roller, Asphalt; Rotovator (lime soil stabilizer); Switch & Tie Tampers (without lifting & aligning device); Utility Operator (Small equipment); and Welding Machines; Articulating/straight bed end dumps if assigned (minus \$4.00 per hour).

GROUP 4 - Backfiller; Ballast Re-locator; Bars, Joint & Mesh Installing Machine; Batch Plant; Boring Machine Operator (48" or less); Bull Floats; Burlap & Curing Machine; Concrete Plant (capacity 4 yd. & under); Concrete Saw (Multiple); Conveyor (Highway); Crusher; Deckhand; Farm-type Tractor with attachments (highway); Finishing Machine; Fireperson, Floating Equipment (all types); Fork Lift; Form Trencher; Hydro Hammer except masonry; Hydro Seeder; Pavement Breaker; Plant Mixer; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form Handling Equipment; Road Widening Trencher; Roller (Brick, Grade & Macadam); Self-Propelled Power Spreader; Self-Propelled Power Subgrader; Steam Fireperson; Tractor (Pulling Sheepfoot, Roller or Grader); and Vibratory Compactor with Integral Power.

GROUP 5 - Compressor (Portable, Sewer, Heavy & Highway); Drum Fireperson (Asphalt Plant); Generator; Masonary Forklift; Inboard-Outboard Motor Boat Launch; Oil Heater (asphalt plant); Oiler/Helper; Power Driven Heater; Power Sweeper & Scrubber; Pump (under 4" discharge); Signaller; Tire Repairperson; VAC/ALLS; Cranes - Compact, track or rubber under 4,000 pound capacity; fueling and greasing; and Chainmen.

GROUP 6 - Master Mechanic & Boom from 150 to 180.

GROUP 7 - Boom from 180 and over.

ENGI0066-023 06/01/2023

COLUMBIANA, MAHONING & TRUMBULL COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
ASBESTOS; HAZARDOUS/TOXIC		
WASTE PROJECTS		
GROUP 1 - A & B.....	\$ 44.63	24.30
ASBESTOS; HAZARDOUS/TOXIC		
WASTE PROJECTS		
GROUP 2 - A & B.....	\$ 44.30	24.30
ASBESTOS; HAZARDOUS/TOXIC		
WASTE PROJECTS		
GROUP 3 - A & B.....	\$ 38.47	24.30
ASBESTOS; HAZARDOUS/TOXIC		
WASTE PROJECTS		
GROUP 4 - A & B.....	\$ 34.52	24.30
ASBESTOS; HAZARDOUS/TOXIC		

WASTE PROJECTS		
GROUP 5 - A & B.....	\$ 31.13	24.30
HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 1 - C & D.....	\$ 40.91	24.30
HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 2 - C & D.....	\$ 40.61	24.30
HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 3 - C & D.....	\$ 35.27	24.30
HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 4 - C & D.....	\$ 31.65	24.30
HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 5 - C & D.....	\$ 28.53	24.30
ALL OTHER WORK		
GROUP 1.....	\$ 37.19	24.30
ALL OTHER WORK		
GROUP 2.....	\$ 36.92	24.30
ALL OTHER WORK		
GROUP 3.....	\$ 32.06	24.30
ALL OTHER WORK		
GROUP 4.....	\$ 28.77	24.30
ALL OTHER WORK		
GROUP 5.....	\$ 25.94	24.30

GROUP 1 - Rig, Pile Driver or Caisson Type; & Rig, Pile Hydraulic Unit Attached

GROUP 2 - Asphalt Heater Planer; Backfiller with Drag Attachment; Backhoe; Backhoe with Shear attached; Backhoe-Rear Pivotal Swing; Batch Plant-Central Mix Concrete; Batch Plant, Portable concrete; Berm Builder-Automatic; Boat Derrick; Boat-Tug; Boring Machine Attached to Tractor; Bullclam; Bulldozer; C.M.I. Road Builder & Similar Type; Cable Placer & Layer; Carrier-Straddle; Carryall-Scraper or Scoop; Chicago Boom; Compactor with Blade Attached; Concrete Saw (Vermeer or similar type); Concrete Spreader Finisher; Combination, Bidwell Machine; Crane; Crane-Electric Overhead; Crane-Rough Terrain; Crane-Side Boom; Crane-Truck; Crane-Tower; Derrick-Boom; Derrick-Car; Digger-Wheel (Not trencher or road widener); Double Nine; Drag Line; Dredge; Drill-Kenny or Similar Type; Easy Pour Median Barrier Machine (or similar type); Electromatic; Frankie Pile; Gradall; Grader; Gurry; Self-Propelled; Heavy Equipment Robotics Operator/Mechanic; Hoist-Monorail; Hoist-Stationary & Mobile Tractor; Hoist, 2 or 3 drum; Horizontal Directional Drill Operator; Jackall; Jumbo Machine; Kocal & Kuhlman; Land-Seagoing Vehicle; Loader, Elevating; Loader, Front End; Loader, Skid Steer; Locomotive; Mechanic/Welder; Metro Chip Harvester with Boom; Mucking Machine; Paver-Asphalt Finishing Machine; Paver-Road Concrete; Paver-Slip Form (C.M.I. or similar); Place Crete Machine with Boom; Post Driver (Carrier mounted); Power Driven Hydraulic Pump & Jack (When used in Slip Form or Lift Slab Construction); Pump Crete Machine; Regulator-Ballast; Hydraulic Power Unit not attached to Rig for Pile Drillings; Rigs-Drilling; Roto Mill or similar Full Lane (8' Wide & Over); Roto Mill or similar type (Under 8'); Shovel; Slip Form Curb Machine; Speedwing; Spikemaster; Stonecrusher; Tie Puller & Loader; Tie Tamper; Tractor-Double Boom; Tractor with Attachments; Truck-Boom;

Truck-Tire; Trench Machine; Tunnel Machine (Mark 21 Java or similar); & Whirley (or similar type)

GROUP 3 - Asphalt Plant; Bending Machine (Pipeline or similar type); Boring machine, Motor Driven; Chip Harvester without Boom; Cleaning Machine, Pipeline Type; Coating Machine, Pipeline Type; Compactor; Concrete Belt Placer; Concrete Finisher; Concrete Planer or Asphalt; Concrete Spreader; Elevator; Fork Lift (Home building only); Fork lift & Lulls; Fork Lift Walk Behind (Hoisting over 1 buck high); Form Line Machine; Grease Truck operator; Grout Pump; Gunnite Machine; Horizontal Directional Drill Locator; Single Drum Hoist with or without Tower; Huck Bolting Machine; Hydraulic Scaffold (Hoisting building materials); Paving Breaker (Self-propelled or Ridden); Pipe Dream; Pot Fireperson (Power Agitated); Refrigeration Plant; Road Widener; Roller; Sasgen Derrick; Seeding Machine; Soil Stabilizer (Pump type); Spray Cure Machine, Self-Propelled; Straw Blower Machine; Sub-Grader; Tube Finisher or Broom C.M.I. or similar type; & Tugger Hoist

GROUP 4 - Air Curtain Destructor & Similar Type; Batch Plant-Job Related; Boiler Operator; Compressor; Conveyor; Curb Builder, self-propelled; Drill Wagon; Generator Set; Generator-Steam; Heater-Portable Power; Hydraulic Manipulator Crane; Jack-Hydraulic Power driven; Jack-Hydraulic (Railroad); Ladavator; Minor Machine Operator; Mixer-Concrete; Mulching Machine; Pin Puller; Power Broom; Pulverizer; Pump; Road Finishing Machine (Pull Type); Saw-Concrete-Self-Propelled (Highway Work); Signal Person; Spray Cure Machine-Motor Powered; Stump Cutter; Tractor; Trencher Form; Water Blaster; Steam Jenny; Syphon; Vibrator-Gasoline; & Welding Machine

GROUP 5 - Brakeperson; Fireperson; & Oiler

IRON0017-002 05/01/2024

ASHTABULA (North of Route 6, starting at the Geauga County Line, proceeding east to State Route 45), CUYAHOGA, ERIE (Eastern 2/3), GEAUGA, HURON (East of a line drawn from the north border through Monroeville & Willard), LAKE, LORAIN, MEDINA (North of Old Rte. #224), PORTAGE (West of a line from Middlefield to Shalersville to Deerfield), and SUMMIT (North of Old Rte. #224, including city limits of Barberton) COUNTIES

	Rates	Fringes
IRONWORKER		
Ornamental, Reinforcing, & Structural.....	\$ 36.83	29.01

IRON0017-010 05/01/2024

ASHTABULA (Eastern part from Lake Erie on the north to route #322 on the south to include Conneaut, Kingsville, Sheffield, Denmark, Dorset, Cherry Valley, Wayne, Monroe, Pierpont, Richmond, Andover & Williamsfield Townships)

	Rates	Fringes
IRONWORKER		

Structural, including
metal building erection &
Reinforcing.....\$ 36.83 29.01

IRON0044-001 06/01/2022

ADAMS (Western Part), BROWN, BUTLER (Southern Part), CLERMONT,
CLINTON (South of a line drawn from Blanchester to Lynchburg),
HAMILTON, HIGHLAND (Excluding eastern one-fifth & portion of
county inside lines drawn from Marshall to Lynchburg from the
northern county line through E. Monroe to Marshall) and WARREN
(South of a line drawn from Blanchester through Morrow to the
west county line) COUNTIES

	Rates	Fringes
IRONWORKER, REINFORCING.....	\$ 32.37	22.30
Beyond 30-mile radius of Hamilton County Courthouse..	\$ 28.67	21.20
Up to & including 30-mile radius of Hamilton County Courthouse.....	\$ 27.60	20.70

IRON0044-002 06/01/2024

CLINTON (South of a line drawn from Blanchester to Lynchburg),
HAMILTON, HIGHLAND (Excluding eastern one-fifth & portion of
county inside lines drawn from Marshall to Lynchburg from the
northern county line through E. Monroe to Marshall) & WARREN
(South of a line drawn from Blanchester through Morrow to the
west county line)

	Rates	Fringes
IRONWORKER		
Fence Erector.....	\$ 33.60	23.00
Ornamental; Structural.....	\$ 35.37	23.00

IRON0055-003 07/01/2024

CRAWFORD (Area Between lines drawn from where Hwy #598 & #30
meet through N. Liberty to the northern border & from said Hwy
junction point due west to the border), DEFIANCE (S. of a line
drawn from where Rte. #66 meets the northern line through
Independence to the eastern county border), ERIE (Western 1/3),
FULTON, HANCOCK, HARDIN (North of a line drawn from Maysville
to a point 4 miles south of the northern line on the eastern
line), HENRY, HURON (West of a line drawn from the northern
border through Monroeville & Willard), LUCAS, OTTAWA, PUTNAM
(East of a line drawn from the northern border down through
Miller City to where #696 meets the southern border), SANDUSKY,
SENECA, WILLIAMS (East of a line drawn from Pioneer through
Stryker to the southern border), WOOD & WYANDOT (North of Rte.
#30)

	Rates	Fringes
IRONWORKER		
Fence Erector.....	\$ 26.40	24.62
Flat Road Mesh.....	\$ 29.77	21.30
Tunnels & Caissons Under Pressure.....	\$ 29.77	21.30

All Other Work.....\$ 35.50 29.20

IRON0147-002 06/01/2024

ALLEN (Northern half), DEFIANCE (Northern part, excluding south of a line drawn from where Rte. #66 meets the northern line through Independence to the eastern county border), MERCER (Northern half), PAULDING, PUTNAM (Western part, excluding east of a line drawn from the northern border down through Miller City to where #696 meets the southern border), VAN WERT, and WILLIAMS (Western part, excluding east of a line drawn from Pioneer through Stryker to the southern border) COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 34.20	26.39

IRON0172-002 06/01/2024

CHAMPAIGN (Eastern one-third), CLARK (Eastern one-fourth), COSHOCTON (West of a line beginning at the northwestern county line going through Walhonding & Tunnel Hill to the southern county line), CRAWFORD (South of Rte. #30), DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, HARDIN (Excluding a line drawn from Roundhead to Maysville), HIGHLAND (Eastern one-fifth), HOCKING, JACKSON (Northern half), KNOX, LICKING, LOGAN (Eastern one-third), MADISON, MARION, MORROW, MUSKINGUM (West of a line starting at Adams Mill going to Adamsville & going from Adamsville through Blue Rock to the southern border), PERRY, PICKAWAY, PIKE (Northern half), ROSS, UNION, VINTON and WYANDOT (South of Rte. #30) COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 36.77	22.85

IRON0207-004 06/01/2024

ASHTABULA (Southern part starting at the Geauga County line), COLUMBIANA (E. of a line from Damascus to Highlandtown), MAHONING (N. of Old Route #224), PORTAGE (E. of a line from Middlefield to Shalersville to Deerfield) & TRUMBULL

	Rates	Fringes
IRONWORKER		
Layout; Sheeter.....	\$ 35.83	27.41
Ornamental; Reinforcing;		
Structural.....	\$ 34.83	27.41
Ornamental; Reinforcing.....	\$ 28.92	25.61

IRON0290-002 06/01/2024

ALLEN (Southern half), AUGLAIZE, BUTLER (North of a line drawn from east to the west county line going through Oxford, Darrrtown & Woodsdale), CHAMPAIGN (Excluding east of a line drawn from Catawla to the point where #68 intersects the northern county line), CLARK (Western two-thirds), CLINTON (Excluding south of a line drawn from Blanchester to Lynchburg), DARKE, GREENE, HIGHLAND (Inside lines drawn from Marshall to Lynchburg & from the northern county line through East Monroe to Marshall), LOGAN (West of a line drawn from

West Liberty to where the northern county line meets the western county line of Hardin), MERCER (Southern half), MIAMI, MONTGOMERY, PREBLE, SHELBY & WARREN (Excluding south of a line drawn from Blanchester through Morrow to the western county line) COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 35.39	24.35

IRON0549-003 12/01/2022

BELMONT, GUERNSEY, HARRISON, JEFFERSON, MONROE & MUSKINGUM (Excluding portion west of a line starting at Adams Mill going to Adamsville and going from Adamsville through Blue Rock to the south border)

	Rates	Fringes
IRONWORKER.....	\$ 35.19	25.66

IRON0550-004 05/01/2024

ASHLAND, CARROLL, COLUMBIANA (W. of a line from Damascus to Highlandtown), COSHOCTON (E. of a line beginning at NW Co. line going through Walhonding & Tunnel Hill to the South Co. line), HOLMES, HURON (S. of Old Rte. #224), MAHONING (S. of Old Rte. #224), MEDINA (S. of Old Rte. #224), PORTAGE (S. of Old Rte. #224), RICHLAND, STARK, SUMMIT (S. of Old Rte. #224, Excluding city limits of Barberton), TUSCARAWAS, & WAYNE

	Rates	Fringes
Ironworkers:Structural, Ornamental and Reinforcing.....	\$ 34.70	22.88

IRON0769-004 06/01/2024

ADAMS (Eastern Half), GALLIA, JACKSON (Southern Half), LAWRENCE & SCIOTO

	Rates	Fringes
IRONWORKER.....	\$ 37.66	29.24

IRON0787-003 06/01/2024

ATHENS, MEIGS, MORGAN, NOBLE, and WASHINGTON COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.00	24.25

LAB00265-008 05/01/2024

	Rates	Fringes
LABORER ASHTABULA, ERIE, HURON, LORAIN, LUCAS, MAHONING, MEDINA, OTTAWA, PORTAGE,		

SANDUSKY, STARK, SUMMIT, TRUMBULL & WOOD COUNTIES		
GROUP 1.....	\$ 35.05	13.70
GROUP 2.....	\$ 35.22	13.70
GROUP 3.....	\$ 35.55	13.70
GROUP 4.....	\$ 36.00	13.70
CUYAHOGA AND GEAUGA COUNTIES ONLY: SEWAGE PLANTS, WASTE PLANTS, WATER TREATMENT FACILITIES, PUMPING STATIONS, & ETHANOL PLANTS CONSTRUCTION.....		
	\$ 37.66	13.70
CUYAHOGA, GEAUGA & LAKE COUNTIES		
GROUP 1.....	\$ 36.28	13.70
GROUP 2.....	\$ 36.45	13.70
GROUP 3.....	\$ 36.78	13.70
GROUP 4.....	\$ 37.23	13.70
REMAINING COUNTIES OF OHIO		
GROUP 1.....	\$ 35.52	14.45
GROUP 2.....	\$ 35.69	14.45
GROUP 3.....	\$ 36.02	14.45
GROUP 4.....	\$ 36.47	14.45

LABORER CLASSIFICATIONS

GROUP 1 - Asphalt Laborer; Carpenter Tender; Concrete Curing Applicator; Dump Man (Batch Truck); Guardrail and Fence Installer; Joint Setter; Laborer (Construction); Landscape Laborer; Mesh Handlers & Placer; Right-of-way Laborer; Riprap Laborer & Grouter; Scaffold Erector; Seal Coating; Surface Treatment or Road Mix Laborer; Sign Installer; Slurry Seal; Utility Man; Bridge Man; Handyman; Waterproofing Laborer; Flagperson; Hazardous Waste (level D); Diver Tender; Zone Person & Traffic Control

GROUP 2 - Asphalt Raker; Concrete Puddler; Kettle Man (Pipeline); Machine Driven Tools (Gas, Electric, Air); Mason Tender; Brick Paver; Mortar Mixer; Power Buggy or Power Wheelbarrow; Paint Striper; Sheeting & Shoring Man; Surface Grinder Man; Plastic Fusing Machine Operator; Pug Mill Operator; & Vacuum Devices (wet or dry); Rodding Machine Operator; Diver; Screwman or Paver; Screed Person; Water Blast, Hand Held Wand; Pumps 4" & Under (Gas, Air or Electric) & Hazardous Waste (level C); Air Track and Wagon Drill; Bottom Person; Cofferdam (below 25 ft. deep); Concrete Saw Person; Cutting with Burning Torch; Form Setter; Hand Spiker (Railroad); Pipelayer; Tunnel Laborer (without air) & Caisson; Underground Person (working in Sewer and Waterline, Cleaning, Repairing & Reconditioning); Sandblaster Nozzle Person; & Hazardous Waste (level B)

GROUP 3 - Blaster; Mucker; Powder Person; Top Lander; Wrencher (Mechanical Joints & Utility Pipeline); Yarnier; Hazardous Waste (level A); Concrete Specialist; Concrete Crew in Tunnels (With Air-pressurized - \$1.00 premium); Curb Setter & Cutter; Grade Checker; Utility Pipeline Tapper; Waterline; and Caulker

GROUP 4 - Miner (With Air-pressurized - \$1.00 premium); & Gunite Nozzle Person

TUNNEL LABORER WITH AIR-PRESSURIZED ADD \$1.00 TO BASE RATE

SIGNAL PERSON WILL RECEIVE THE RATE EQUAL TO THE RATE PAID
THE LABORER CLASSIFICATION FOR WHICH HE OR SHE IS SIGNALING.

PAIN0006-002 05/01/2023

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, PORTAGE (N. of the
East-West Turnpike) & SUMMIT (N. of the East-West Turnpike)

	Rates	Fringes
PAINTER		
COMMERCIAL NEW WORK; REMODELING; & RENOVATIONS		
GROUP 1.....	\$ 30.75	18.95
GROUP 2.....	\$ 31.15	18.95
GROUP 3.....	\$ 31.45	18.95
GROUP 4.....	\$ 37.01	18.95
COMMERCIAL REPAINT		
GROUP 1.....	\$ 29.25	18.95
GROUP 2.....	\$ 29.65	18.95
GROUP 3.....	\$ 29.95	18.95

PAINTER CLASSIFICATIONS - COMMERCIAL NEW WORK; REMODELING; &
RENOVATIONS

GROUP 1 - Brush; & Roller

GROUP 2 - Sandblasting & Buffing

GROUP 3 - Spray Painting; Closed Steel Above 55 feet; Bridges
& Open Structural Steel; Tanks - Water Towers; Bridge
Painters; Bridge Riggers; Containment Builders

GROUP 4 - Bridge Blaster

PAINTER CLASSIFICATIONS - COMMERCIAL REPAINT

GROUP 1 - Brush; & Roller

GROUP 2 - Sandblasting & Buffing

GROUP 3 - Spray Painting

PAIN0007-002 07/01/2024

FULTON, HENRY, LUCAS, OTTAWA (Excluding Allen, Bay, Bono,
Catawba Island, Clay Center, Curtice, Danbury, Eagle Beach,
Elliston, Elmore, Erie, Fishback, Gem Beach & Genova) & WOOD

	Rates	Fringes
PAINTER		
NEW COMMERCIAL WORK		
GROUP 1.....	\$ 31.84	20.79
GROUP 2.....	\$ 32.84	20.79
GROUP 3.....	\$ 32.84	20.79
GROUP 4.....	\$ 32.84	20.79
GROUP 5.....	\$ 32.84	20.79
GROUP 6.....	\$ 32.84	20.79
GROUP 7.....	\$ 32.84	20.79
GROUP 8.....	\$ 32.84	20.79

GROUP 9.....\$ 32.84 20.79

REPAINT IS 90% OF JR

PAINTER CLASSIFICATIONS

GROUP 1 - Brush; Spray & Sandblasting Pot Tender

GROUP 2 - Refineries & Refinery Tanks; Surfaces 30 ft. or
over where material is applied to or labor performed on
above ground level (exterior), floor level (interior)

GROUP 3 - Swing Stage & Chair

GROUP 4 - Lead Abatement

GROUP 5 - All Methods of Spray

GROUP 6 - Solvent-Based Catalized Epoxy Materials of 2 or
More Component Materials, to include Solvent-Based
Conversion Varnish (excluding water based)

GROUP 7 - Spray Solvent Based Material; Sand & Abrasive
Blasting

GROUP 8 - Towers; Tanks; Bridges; Stacks Over 30 Feet

GROUP 9 - Epoxy Spray (excluding water based)

PAIN0012-008 05/01/2019

BUTLER COUNTY

	Rates	Fringes
PAINTER		
GROUP 1.....	\$ 21.95	10.20
GROUP 2.....	\$ 25.30	10.20
GROUP 3.....	\$ 25.80	10.20
GROUP 4.....	\$ 26.05	10.20
GROUP 5.....	\$ 26.30	10.20

PAINTER CLASSIFICATIONS

GROUP 1: Bridge Equipment Tender; Bridge/Containment Builder

GROUP 2: Brush & Roller

GROUP 3: Spray

GROUP 4: Sandblasting; & Waterblasting

GROUP 5: Elevated Tanks; Steeplejack Work; Bridge; & Lead
Abatement

PAIN0012-010 05/01/2019

BROWN, CLERMONT, CLINTON, HAMILTON & WARREN

	Rates	Fringes

PAINTER

HEAVY & HIGHWAY BRIDGES-
GUARDRAILS-LIGHTPOLES-
STRIPING

Bridge Equipment Tender and Containment Builder....\$ 21.95	10.20
Bridges when highest point of clearance is 60 feet or more; & Lead Abatement Projects.....\$ 26.30	10.20
Brush & Roller.....\$ 25.30	10.20
Sandblasting & Hopper Tender; Water Blasting.....\$ 26.05	10.20
Spray.....\$ 25.80	10.20

PAIN0093-001 12/01/2023

ATHENS, GUERNSEY, HOCKING, MONROE, MORGAN, NOBLE and
WASHINGTON COUNTIES

Rates	Fringes

PAINTER

Bridges; Locks; Dams; Tension Towers; & Energized Substations.....\$ 35.45	23.69
Power Generating Facilities.\$ 32.30	23.69

PAIN0249-002 05/01/2024

CLARK, DARKE, GREENE, MIAMI, MONTGOMERY & PREBLE

Rates	Fringes

PAINTER

GROUP 1 - Brush & Roller....\$ 27.15	13.64
GROUP 2 - Swing, Scaffold Bridges; Structural Steel; Open Acid Tank; High Tension Electrical Equipment; & Hot Pipes.....\$ 27.15	13.64
GROUP 3 - Spray; Sandblast; Steamclean; Lead Abatement.....\$ 27.90	13.64
GROUP 4 - Steeplejack Work..\$ 28.10	13.64
GROUP 5 - Coal Tar.....\$ 28.65	13.64
GROUP 6 - Bridge Equipment Tender & or Containment Builder.....\$ 35.86	13.64
GROUP 7 - Tanks, Stacks & Towers.....\$ 31.09	13.64
GROUP 8 - Bridge Blaster, Rigger.....\$ 38.86	13.64

PAIN0356-002 09/01/2009

KNOX, LICKING, MUSKINGUM, and PERRY

Rates	Fringes

PAINTER

Bridge Equipment Tenders and Containment Builders....\$ 27.93	7.25
Bridges; Blasters; and Riggers.....\$ 34.60	7.25

Brush and Roller.....	\$ 20.93	7.25
Sandblasting; Steam Cleaning; Waterblasting; and Hazardous Work.....	\$ 25.82	7.25
Spray.....	\$ 21.40	7.25
Structural Steel and Swing Stage.....	\$ 25.42	7.25
Tanks; Stacks; and Towers...	\$ 28.63	7.25

PAIN0438-002 12/01/2023

BELMONT, HARRISON and JEFFERSON COUNTIES

Rates	Fringes

PAINTER

Bridges, Locks, Dams, Tension Towers & Energized Substations.....	\$ 36.09	19.49
Power Generating Facilities..	\$ 32.94	19.49

PAIN0476-001 06/01/2024

COLUMBIANA, MAHONING, and TRUMBULL COUNTIES

Rates	Fringes

PAINTER

GROUP 1.....	\$ 28.39	17.14
GROUP 2.....	\$ 35.02	17.14
GROUP 3.....	\$ 28.60	17.14
GROUP 4.....	\$ 28.89	17.14
GROUP 5.....	\$ 29.04	17.14
GROUP 6.....	\$ 29.29	17.14
GROUP 7.....	\$ 30.39	17.14

PAINTER CLASSIFICATIONS:

GROUP 1: Painters, Brush & Roller

GROUP 2: Bridges

GROUP 3: Structural Steel

GROUP 4: Spray, Except Bar Joist/Deck

GROUP 5: Epoxy/Mastic; Spray- Bar Joist/Deck; Working Above
50 Feet; and Swingstages

GROUP 6: Tanks; Sandblasting

GROUP 7: Towers; Stacks

PAIN0555-002 11/01/2023

ADAMS, HIGHLAND, JACKSON, PIKE & SCIOTO

Rates	Fringes

PAINTER

GROUP 1.....	\$ 32.18	20.29
GROUP 2.....	\$ 33.81	20.29
GROUP 3.....	\$ 35.44	20.29
GROUP 4.....	\$ 38.63	20.29

PAINTER CLASSIFICATIONS

GROUP 1 - Containment Builder

GROUP 2 - Brush; Roller; Power Tools, Under 40 feet

GROUP 3 - Sand Blasting; Spray; Steam Cleaning; Pressure Washing; Epoxy & Two Component Materials; Lead Abatement; Hazardous Waste; Toxic Materials; Bulk & Storage Tanks of 25,000 Gallon Capacity or More; Elevated Tanks

GROUP 4 - Stacks; Bridges

PAIN0639-001 05/01/2011

	Rates	Fringes
Sign Painter & Erector.....	\$ 20.61	3.50+a+b+c

FOOTNOTES: a. 7 Paid Holidays: New Year's Day; Memorial Day; July 4th; Labor Day; Thanksgiving Day; Christmas Day & 1 Floating Day

b. Vacation Pay: After 1 year's service - 5 days' paid vacation; After 2, but less than 10 years' service - 10 days' paid vacation; After 10, but less than 20 years' service - 15 days' paid vacation; After 20 years' service - 20 days' paid vacation

c. Funeral leave up to 3 days maximum paid leave for death of mother, father, brother, sister, spouse, child, mother-in-law, father-in-law, grandparent and inlaw provided employee attends funeral

PAIN0788-002 06/01/2024

ASHLAND, CRAWFORD, ERIE, HANCOCK, HURON, MARION, MORROW, OTTAWA (Allen, Bay, Bono, Catawba Island, Clay Center, Curtice, Danbury, Eagle Beach, Elliston, Elmore, Erie, Fishback, Gem Beach & Genoa), RICHLAND, SANDUSKY, SENECA & WYANDOT

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 29.13	17.52
Structural Steel.....	\$ 30.73	17.52

WINTER REPAINT: Between December 1 to March 31 - 90%JR

\$.50 PER HOUR SHALL BE ADDED TO THE RATE OF PAY FOR THE CLASSIFICATION OF WORK:

While working swingstage, boatswain chair, needle beam and horizontal cable. While operating sprayguns, sandblasting, cobblasting and high pressure waterblasting (4000psi).

\$1.00 PER HOUR SHALL BE ADDED TO THE RATE OF PAY FOR THE CLASSIFICATION OF WORK:

For the application of catalized epoxy, including latex epoxy that is deemed hazardous, lead abatement, or for work or material where special precautions beyond normal work duties must be taken. For working on stacks, tanks, and

towers over 40 feet in height.

PAIN0813-005 12/01/2008

GALLIA, LAWRENCE, MEIGS & VINTON

	Rates	Fringes
PAINTER		
Base Rate.....	\$ 24.83	10.00
Bridges, Locks, Dams & Tension Towers.....	\$ 27.83	10.00

PAIN0841-001 06/01/2023

MEDINA, PORTAGE (South of and including Ohio Turnpike), and
SUMMIT (South of and including Ohio Turnpike) COUNTIES

	Rates	Fringes
Painters:		
GROUP 1.....	\$ 30.18	15.50
GROUP 2.....	\$ 30.83	15.50
GROUP 3.....	\$ 30.93	15.50
GROUP 4.....	\$ 31.03	15.50
GROUP 5.....	\$ 31.43	15.50
GROUP 6.....	\$ 39.20	11.75
GROUP 7.....	\$ 31.68	15.50

PAINTER CLASSIFICATIONS:

GROUP 1 - Brush, Roller & Paperhanger

GROUP 2 - Epoxy Application

GROUP 3 - Swing Scaffold, Bosum Chair, & Window Jack

GROUP 4 - Spray Gun Operator of Any & All Coatings

GROUP 5 - Sandblast, Painting of Standpipes, etc. from
Scaffolds, Bridge Work and/or Open Structural Steel,
Standpipes and/or Water Towers

GROUP 6 - Public & Commerce Transportation, Steel or
Galvanized, Bridges, Tunnels & Related Support Items
(concrete)

GROUP 7 - Synthetic Exterior, Drywall Finisher and/or Taper,
Drywall Finisher and Follow-up Man Using Automatic Tools

PAIN0841-002 06/01/2023

CARROLL, COSHOCTON, HOLMES, STARK, TUSCARAWAS & WAYNE

	Rates	Fringes
PAINTER		
Bridges; Towers, Poles & Stacks; Sandblasting Steel; Structural Steel & Metalizing.....	\$ 31.43	15.50
Brush & Roller.....	\$ 30.18	15.50

Spray; Tank Interior &
Exterior.....\$ 31.03 15.50

* PAIN1020-002 07/01/2024

ALLEN, AUGLAIZE, CHAMPAIGN, DEFIANCE, HARDIN, LOGAN, MERCER,
PAULDING, PUTNAM, SHELBY, VAN WERT, and WILLIAMS COUNTIES

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 26.54	17.66
Drywall Finishing & Taping..	\$ 27.29	17.66
Lead Abatement.....	\$ 28.29	17.66
Spray, Sandblasting Pressure Cleaning, & Refinery.....	\$ 27.29	17.66
Swing Stage, Chair, Spiders, & Cherry Pickers...	\$ 26.79	17.66
Wallcoverings.....	\$ 27.29	17.66

All surfaces 40 ft. or over where material is applied to or
labor performed on, above ground level (exterior), floor
level (interior) - \$.50 premium

Applying Coal Tar Products - \$1.00 premium

PAIN1275-002 05/01/2024

DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, MADISON, PICKAWAY, ROSS
& UNION

	Rates	Fringes
PAINTER		
Bridges.....	\$ 36.26	14.91
Brush; Roller.....	\$ 30.65	14.91
Sandblasting; Steamcleaning; Waterblasting (3500 PSI or Over)& Hazardous Work.....	\$ 31.35	14.91
Spray.....	\$ 31.15	14.91
Stacks; Tanks; & Towers.....	\$ 33.46	14.91
Structural Steel & Swing Stage.....	\$ 29.50	14.91

PLAS0109-001 06/01/2024

MEDINA, PORTAGE, STARK, and SUMMIT COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 31.70	23.63

PLAS0109-003 06/01/2024

CARROLL, HOLMES, TUSCARAWAS, and WAYNE COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 31.70	23.63

* PLAS0132-002 07/01/2024

BROWN, BUTLER, CLERMONT, HAMILTON, HIGHLAND, WARREN COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 30.40	16.54

PLAS0404-002 05/01/2018

ASHTABULA, CUYAHOGA, GEAUGA, AND LAKE COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 29.63	17.11

PLAS0404-003 05/01/2018

LORAIN COUNTY

	Rates	Fringes
PLASTERER.....	\$ 28.86	17.11

PLAS0526-022 05/01/2018

COLUMBIANA, MAHONING, and TRUMBULL COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 28.86	17.11

PLAS0526-023 05/01/2018

BELMONT, HARRISON, and JEFFERSON COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 28.21	17.11

PLAS0886-001 07/01/2024

FULTON, HANCOCK, HENRY, LUCAS, PUTNAM, and WOOD COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 33.73	23.25

PLAS0886-003 07/01/2024

	Rates	Fringes
PLASTERER.....	\$ 33.73	23.25

PLAS0886-004 07/01/2024

	Rates	Fringes
PLASTERER.....	\$ 33.73	23.25

PLUM0042-002 07/01/2024

ASHLAND, CRAWFORD, ERIE, HURON, KNOX, LORAIN, MORROW, RICHLAND
& WYANDOT

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 40.62	25.67

PLUM0050-002 07/01/2024

DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA, PAULDING,
PUTNAM, SANDUSKY, SENECA, WILLIAMS & WOOD

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 49.70	30.76

PLUM0055-003 05/01/2024

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, MEDINA (N. of Rte. #18 &
Smith Road) & SUMMIT (N. of Rte. #303, including the corporate
limits of the city of Hudson)

	Rates	Fringes
PLUMBER.....	\$ 42.36	29.90

PLUM0083-001 07/01/2023

BELMONT & MONROE (North of Rte. #78)

	Rates	Fringes
Plumber and Steamfitter.....	\$ 35.94	37.35

PLUM0094-002 05/01/2023

CARROLL (Northern Half), STARK, and WAYNE COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 38.03	23.09

PLUM0120-002 04/29/2024

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN (the C.E.I. Power
House in Avon Lake), MEDINA (N. of Rte. #18) & SUMMIT (N. of
#303)

	Rates	Fringes
PIPEFITTER.....	\$ 47.07	28.15

PLUM0162-002 06/01/2024

CHAMPAIGN, CLARK, CLINTON, DARKE, FAYETTE, GREENE, MIAMI,
MONTGOMERY & PREBLE

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 43.05	27.18

PLUM0168-002 06/01/2024

MEIGS, MONROE (South of Rte. #78), MORGAN (South of Rte. #78)
& WASHINGTON

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 39.43	37.29

PLUM0189-002 06/01/2024

DELAWARE, FAIRFIELD, FRANKLIN, HOCKING, LICKING, MADISON,
MARION, PERRY, PICKAWAY, ROSS & UNION

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 43.25	26.94

PLUM0219-002 06/01/2024

MEDINA (Rte. #18 from eastern edge of Medina Co., west to
eastern corporate limits of the city of Medina, & on the county
road from the west corporate limits of Medina running due west
to and through community of Risley to the western edge of
Medina County - All territory south of this line), PORTAGE, and
SUMMIT (S. of Rte. #303) COUNTIES

	Rates	Fringes
Plumber and Steamfitter.....	\$ 45.37	27.64

PLUM0392-002 06/01/2024

BROWN, BUTLER, CLERMONT, HAMILTON & WARREN

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 40.65	26.75

PLUM0396-001 06/01/2024

COLUMBIANA (Excluding Washington & Yellow Creek Townships &
Liverpool Twp. - Secs. 35 & 36 - West of County Road #427),
MAHONING and TRUMBULL COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 38.45	28.96

PLUM0495-002 06/01/2024

CARROLL (Rose, Monroe, Union, Lee, Orange, Perry & Loudon
Townships), COLUMBIANA (Washington & Yellow Creek Townships &
Liverpool Township, Secs. 35 & 36, West of County Rd. #427),
COSHOCTON, GUERNSEY, HARRISON, HOLMES, JEFFERSON, MORGAN (South
to State Rte. #78 & from McConnelsville west on State Rte. #37
to the Perry County line), MUSKINGUM, NOBLE, and TUSCARAWAS
COUNTIES

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 37.82	36.70

PLUM0577-002 06/01/2024

ADAMS, ATHENS, GALLIA, HIGHLAND, JACKSON, LAWRENCE, PIKE,
SCIOTO & VINTON

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 41.65	27.48

PLUM0776-002 07/01/2024

ALLEN, AUGLAIZE, HARDIN, LOGAN, MERCER, SHELBY and VAN WERT
COUNTIES

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 42.07	29.35

TEAM0377-003 05/01/2024

STATEWIDE, EXCEPT CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 32.54	16.80
GROUP 2.....	\$ 32.96	16.80

TRUCK DRIVER CLASSIFICATIONS

GROUP 1 - Asphalt Distributor; Batch; 4- Wheel Service;
4-Wheel Dump; Oil Distributor & Tandem

GROUP 2 - Tractor-Trailer Combination: Fuel; Pole Trailer;
Ready Mix; Semi-Tractor; & Asphalt Oil Spraybar Man When
Operated From Cab; 5 Axles & Over; Belly Dump; End Dump;
Articulated Dump; Heavy Duty Equipment; Low Boy; & Truck
Mechanic

* TEAM0436-002 05/01/2024

CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 32.25	18.95
GROUP 2.....	\$ 33.75	18.95

GROUP 1: Straight & Dump, Straight Fuel

GROUP 2: Semi Fuel, Semi Tractor, Euclids, Darts, Tank,
Asphalt Spreaders, Low Boys, Carry-All, Tourn-a-Rockers,
Hi-Lifts, Extra Long Trailers, Semi-Pole Trailers, Double

Hook-Up Tractor Trailers including Team Track & Railroad Siding, Semi-Tractor & Tri-Axle Trailer, Tandem Tractor & Tandem Trailer, Tag Along Trailer, Expandable Trailer or Towing Requiring Road Permits, Ready-Mix (Agitator or Non-Agitator), Bulk Concrete Driver, Dry Batch Truck, Articulated End Dump

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20) or 13658 (\$12.90). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were

prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

State Adopted Rate Identifiers

Classifications listed under the ""SA"" identifier indicate that the prevailing wage rate set by a state (or local) government was adopted under 29 C.F.R. 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 01/03/2024 reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

"General Decision Number: OH20240051 09/06/2024

Superseded General Decision Number: OH20230051

State: Ohio

Construction Type: Building

County: Pike County in Ohio.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	- Executive Order 14026 generally applies to the contract. - The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	- Executive Order 13658 generally applies to the contract. - The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	01/19/2024

2	03/08/2024
3	04/05/2024
4	07/05/2024
5	09/06/2024

ASBE0080-001 02/26/2024

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR.....	\$ 35.00	30.52

BROH0039-001 06/01/2022

	Rates	Fringes
BRICKLAYER.....	\$ 34.00	17.36

BROH0055-007 06/01/2023

	Rates	Fringes
TILE FINISHER.....	\$ 28.31	10.45
TILE SETTER.....	\$ 29.92	16.77

ELEC0575-004 05/29/2023

	Rates	Fringes
ELECTRICIAN (Excludes Low Voltage Wiring and Installation of Alarms).....	\$ 37.00	22.26

ELEC0972-008 06/01/2021

	Rates	Fringes
ELECTRICIAN (Low Voltage Wiring and Alarm Installation Only).....	\$ 34.30	27.62

ELEV0011-002 01/01/2024

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 55.01	37.885+a+b

PAID HOLIDAYS:

a. New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving, and Christmas Day.

b. Employer contributes 8% of regular hourly rate to vacation pay credit for employee who has worked in business more than 5 years; 6% for less than 5 years' service.

* ENGI0018-022 05/01/2024

	Rates	Fringes
POWER EQUIPMENT OPERATOR Bobcat/Skid Steer/Skid Loader; Bulldozer.....	\$ 44.02	16.41

Crane.....	\$ 44.14	16.41
Forklift.....	\$ 42.98	16.41

IRON0550-012 05/01/2024

	Rates	Fringes
IRONWORKER, ORNAMENTAL.....	\$ 34.70	22.88

IRON0769-001 06/01/2024

	Rates	Fringes
IRONWORKER, STRUCTURAL.....	\$ 37.66	29.24

LABO0083-003 05/01/2021

	Rates	Fringes
LABORER Common or General; Mason Tender - Brick & Cement/Concrete.....	\$ 37.52	11.80

PAIN0093-003 12/01/2023

	Rates	Fringes
PAINTER (Brush and Roller).....	\$ 29.29	23.69

PAIN1195-001 12/01/2023

	Rates	Fringes
GLAZIER.....	\$ 32.47	13.25

PLAS0132-011 06/01/2024

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 33.27	16.10

PLUM0577-001 06/01/2024

	Rates	Fringes
PIPEFITTER (Excludes HVAC Pipe Installation).....	\$ 37.89	27.48

PLUM0577-003 06/01/2024

	Rates	Fringes
PLUMBER (Includes HVAC Pipe Installation).....	\$ 37.89	27.48

SFOH0669-009 01/01/2024

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 43.08	27.49

SHEE0024-010 06/01/2022

	Rates	Fringes
SHEET METAL WORKER (HVAC Duct and Unit Installation Only).....	\$ 33.53	26.36

SHEE0033-008 06/01/2022		

	Rates	Fringes
SHEET METAL WORKER (Excludes HVAC Duct and Unit Installation).....	\$ 31.73	27.44

* UAVG-OH-0001 01/01/2019		

	Rates	Fringes
IRONWORKER, REINFORCING.....	\$ 29.44	22.68

* UAVG-OH-0002 01/01/2019		

	Rates	Fringes
ROOFER.....	\$ 30.19	15.73

SUOH2012-053 08/29/2014		

	Rates	Fringes
CARPENTER.....	\$ 25.80	12.54
DRYWALL FINISHER/TAPER.....	\$ 20.66	4.91
DRYWALL HANGER AND METAL STUD INSTALLER.....	\$ 22.27	14.40
LABORER: Pipelayer.....	\$ 18.37	4.79
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 29.18	10.69
OPERATOR: Loader.....	\$ 22.69	8.01
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 23.91	10.42
TRUCK DRIVER: Dump (All Types)...	\$ 19.33	6.55

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other

health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

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WAGE DETERMINATION APPEALS PROCESS

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Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator

(See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

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U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS

ATTACHMENT J-7

**PPPO Facilities Responsibility Matrixes
(for Landlord and Selected Services)**

REVISION NUMBER: 1
REVISION DATE: September 23, 2025

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Contents

ABBREVIATIONS..... 1

TABLE 7A – PORTSMOUTH FACILITIES ASSIGNMENT MATRIX ERROR! BOOKMARK NOT DEFINED.

TABLE 7B – PADUCAH FACILITIES ASSIGNMENT MATRIX 34

The entities referenced within the tables below are as follows:

Abbreviations	Title	Description	Location
ISS – PORTS	Infrastructure Support Services at Portsmouth	Prime Contractor to DOE	PORTS
ISS – PAD	Infrastructure Support Services at Paducah	Prime Contractor to DOE	PAD
D&D	Decontamination & Decommissioning	Prime Contractor to DOE	PORTS
D&R	Deactivation & Remediation	Prime Contractor to DOE	PAD
OSMS	Operations & Site Mission Support	Prime Contractor to DOE	PORTS & PAD
ACP	American Centrifuge Project	Tenant	PORTS
SODI	Southern Ohio Diversification Initiative	Community Reuse Organization	PORTS
AM	Adena Medical	Occupational Medical Service Provider	PORTS
TVA	Tennessee Valley Authority	Interagency Agreement with DOE	PAD

Definitions:

Operational Responsibility – responsible for day to day operations/activities for a facility/asset in accordance with provider’s contractual requirements. Provides landlord functions and coordinates all work either self-performed or provided by others.

Surveillance and Maintenance (S&M) – responsible for all surveillance, maintenance and repair to facilities/structures/assets to the extent provided within the entity’s contract requirements.

Janitorial – Entity responsible to provide janitorial/custodial service to facilities/structure to the extent provided within the entity’s contract requirements.

Pest Control – Entity responsible to provide interior pest control service (PORTS ISS provides pest control services for the exterior of PORTS ISS assigned facilities) to facilities/structure to the extent provided within the entity’s contract requirements.

Grounds – Entity responsible to provide grounds maintenance service in and around facilities/structures to the extent provided within the entity's contract requirements.

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	N/A	N/A	ISS	X-100B-P	Slab	430
D&D	D&D	N/A	N/A	ISS	X-100-P	Slab	20,333
D&D	D&D	N/A	N/A	ISS	X-101-P	Slab	111
D&D	D&D	N/A	N/A	ISS	X-102-P	Slab	2,111
D&D	D&D	N/A	N/A	ISS	X-104	Guard Headquarters (Abandoned except attached garage)	9,167
OSMS	OSMS	OSMS	OSMS	ISS	X-104A	Indoor Firing Range Building	3,757
OSMS	OSMS	ISS	ISS	ISS	XT-104B	Protective Forces Office Trailer	2,726
OSMS	OSMS	ISS	ISS	ISS	XT-104C	Protective Forces Shower / Locker Trailer	3,555
OSMS	OSMS	ISS	ISS	ISS	XT-104D	Protective Force Headquarters	2,016
OSMS	OSMS	OSMS	OSMS	ISS	X-104W	Proforce Weight Room	1,400
D&D	N/A	N/A	N/A	ISS	X-106-P	Slab	722
OSMS	OSMS	N/A	OSMS	ISS	X-106C	New Fire Training Building	1,200
D&D	D&D	N/A	D&D	ISS	X-106B	Old Fire Training Facility	1,000
OSMS	OSMS/ISS	OSMS	OSMS	ISS	X-108A	South Portal and Shelter (ISS Maintains Drive Gate Only)	10,030
OSMS	OSMS	OSMS	OSMS	ISS	X-108B	North Portal and Shelter	300
OSMS	OSMS/ISS	N/A	OSMS	ISS	X-108E	Construction Portal (ISS Maintains Drive Gate Only)	615
OSMS	OSMS	OSMS	OSMS	ISS	X-108H	Pike Avenue Portal	102
OSMS	OSMS	OSMS	OSMS	ISS	X-108J	West Access Road Gate Portal	100
OSMS	OSMS	OSMS	OSMS	ISS	X-108K	North Access Road Gate Portal	50
ISS	ISS	N/A	ISS	ISS	X-108A-M	MAC Portal	48
ISS	ISS	N/A	ISS	ISS	X-108A-M2	MAC Portal	48
ISS	ISS	N/A	ISS	ISS	X-108B-M	MAC Portal	80
ISS	ISS	N/A	ISS	ISS	X-108E-M1	MAC Portal	160

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
ISS	ISS	N/A	ISS	ISS	X-108E-M2	MAC Portal	160
ISS	ISS	N/A	ISS	ISS	X-108H-M	MAC Portal	80
ISS	ISS	N/A	ISS	ISS	X-108Q	MAC Portal (Southeast MAC 1 Portal for X-152J)	80
ISS	ISS	N/A	ISS	ISS	X-108R	MAC Portal (Northeast MAC 1 Portal for X-152J)	80
ISS	ISS	N/A	ISS	ISS	X-108S	MAC Portal (North MAC 1 Portal for X-151)	96
ISS	ISS	N/A	ISS	ISS	X-108T	MAC Portal (South of X-206H-1 Parking Lot)	80
OSMS	OSMS/ISS	N/A	ISS	ISS	X-108U	Limited Area Portal and Shelter (ISS maintains drive gate only)	160
ISS	ISS	N/A	ISS	ISS	X-108U-M1	MAC Portal East of X-108U Portal	80
ISS	ISS	N/A	ISS	ISS	X-108V	Mini Portal	24
ISS	ISS	N/A	ISS	ISS	X-108W	Mini Portal	24
ISS	ISS	N/A	ISS	ISS	X-108X	Mini Portal	24
ISS	ISS	N/A	ISS	ISS	X-108Y	Shack for MAC Portals Access Control Eqp	
ISS	ISS	N/A	ISS	ISS	X-108Y-M1	West MAC Portal (SW of X-330)	
OSMS	OSMS	N/A	OSMS	ISS	X-109B	Personnel Monitoring Station	324
OSMS	OSMS	N/A	OSMS	ISS	X-109D	Personnel Monitoring Station #5	160
OSMS	OSMS	N/A	OSMS	ISS	X-109E	Personnel Monitoring Station	200
ISS	ISS	ISS	ISS	ISS	X-112	Data Processing Center	29,800
ISS	ISS	N/A	N/A	ISS	X-112A	Emergency Diesel Generator	N/A
OSMS	OSMS	N/A	N/A	ISS	X-120H	New Weather Station	50
OSMS	OSMS	N/A	N/A	ISS	X-120H-1	Tower Instrumentation Building	N/A
D&D	D&D	ISS	D&D	ISS	X-151A	Alpha Office Trailer	1,344
D&D	D&D	ISS	D&D	ISS	X-151B	Bravo Office Trailer	1,344
D&D	D&D	ISS	D&D	ISS	X-151C	Charlie Office Trailer	1,344

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	ISS	D&D	ISS	X-151D	Delta Office Trailer	1,344
D&D	D&D	N/A	D&D	ISS	X-152	Area 2 Trailer Complex in West portion of X-206A (Parking Lot) (Not in FIMS)	N/A
AM	AM	AM	D&D	ISS	X-152A	Medical (Not in FIMS)	N/A
OSMS	OSMS	ISS	OSMS	ISS	X-152B	Dosimetry	1,152
D&D	D&D	ISS	D&D	ISS	X-152C	Pike Office Trailer	6,720
D&D	D&D	ISS	D&D	ISS	X-152D	Scioto Office Trailer	6,720
D&D	D&D	ISS	D&D	ISS	X-152E	Restroom	1,344
D&D	D&D	ISS	D&D	ISS	X-152F	Break Room	2,160
D&D	D&D	ISS	D&D	ISS	X-152G	Jackson Office Trailer	6,720
D&D	D&D	ISS	D&D	ISS	X-152H	Enterprise Office Trailer	6,720
D&D	D&D	ISS	D&D	ISS	X-152I	Ross Office Trailer	6,720
ISS	ISS	ISS	ISS	ISS	X-152J	Data Center	364
ISS	ISS	N/A	N/A	ISS	X-152J-1	Chiller	N/A
ISS	ISS	N/A	N/A	ISS	X-152J-2	Chiller	N/A
ISS	ISS	N/A	ISS	ISS	X-152J-3	Generator Building	N/A
D&D	D&D	ISS	ISS	ISS	X-157A	Atlantis Office Trailer	6,720
D&D	D&D	ISS	ISS	ISS	X-157B	Endeavor Office Trailer	6,720
D&D	D&D	ISS	ISS	ISS	X-157C	Columbia Office Trailer	6,720
OSMS	OSMS	N/A	OSMS	ISS	X-158A	Area 8 Trailer Complex near the X-108E (C Portal)	5,656
OSMS/ D&D	ISS	N/A	N/A	ISS	X-200	Site Preparation, Grading, & Landscaping Based on Area Responsibility Map (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	X-200MW	X-Site Groundwater Monitoring Wells	800
OSMS/ D&D	ISS	N/A	N/A	ISS	X-201	Land and Land Rights (acres) Based on Area Responsibility Map	3,698

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
SODI	SODI	SODI	N/A	SODI	X-201-1A	SODI Parcel 1A (S of Entrance Drive, N of Gas Pipeline) (Not in FIMS)	N/A
SODI	SODI	SODI	N/A	SODI	X-201-1B	SODI Parcel 1B (S of Gas Pipeline, N of Hewes St.) (Not in FIMS)	N/A
SODI	SODI	SODI	N/A	SODI	X-201-1C	SODI Parcel 1C (S of Hewes St., N of Perimeter Rd.) (Not in FIMS)	N/A
SODI	SODI	SODI	N/A	SODI	X-201-2	Parcel 2 (E of Perimeter Road Between South Access and Entrance Road (Not in FIMS)	N/A
SODI	SODI	SODI	N/A	OSODI	X-201-3	Parcel 3	48 acres
ISS	ISS	N/A	N/A	ISS	X-202	Roads (Except Northeast Bypass (Fog) Road) (miles) Excluding OSWDF Haul Road	29.96 paved 4.6 unpaved
ISS	ISS	N/A	N/A	ISS	X-202A	North Fog Road Bridge	6.17
ISS	ISS	N/A	N/A	ISS	X-202B	South Fog Road Bridge	34.5
D&D	D&D	N/A	N/A	D&D	X-202C	OSWDF Haul Road	1.36
ISS	ISS	N/A	N/A	ISS	X-203	Culverts and Drainage Swales (Individual listing in FIMS)	2,440 lf
OSMS	OSMS	N/A	N/A	N/A	X-203	Storm Sewers	N/A
OSMS	OSMS	N/A	N/A	ISS	X-204	Railroads	11.4 miles
OSMS	OSMS	N/A	N/A	ISS	X-204-1	Railroad Overpass	102 lf
OSMS	OSMS	N/A	N/A	ISS	X-204 L11	Section L11 Railroad Track	
ISS	ISS	N/A	N/A	ISS	X-206A	Main Parking Lot, North (sq. yds)	50,333
ISS	ISS	N/A	N/A	ISS	X-206A-EV-1	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-206A-EV-2	Electric Vehicle Charging Station	N/A

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
ISS	ISS	N/A	N/A	ISS	X-206A-EV-3	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-206A-EV-4	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-206A-EV-5	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-206A-EV-6	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-206B	Main Parking Lot, South (sq. yds)	30,959
ISS	ISS	N/A	N/A	ISS	X-206E	Construction Parking Lot (sq. yds)	10,038
ACP	ISS	N/A	N/A	ISS	X-206E-1	Gravel Parking Lot Areas (Adjacent to X-206E)	23,870
ISS	ISS	N/A	N/A	ISS	X-206H	Pike Avenue Parking Lot (sq. yds)	10,400
D&D	D&D	N/A	N/A	ISS	X-206H-1	X-333 Trailer Parking Lot (sq. yds)	14,245
ISS	ISS	N/A	N/A	ISS	X-206H-1	Entrance Road and Connector Roads to X-206H	1,265
ISS	ISS	N/A	N/A	ISS	X-206H-2	Parking Lot (Old Pad NE of X-344A)	6,000
ISS	ISS	N/A	N/A	ISS	X-206J	XT-801 Parking Lot (sq. yds)	14,637
ISS	ISS	N/A	N/A	ISS	X-206J-EV-1	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-206J-EV-2	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-206K	Parking Lot (Old X-103, northwest of X-300) (sq. yds)	2,726
ISS	ISS	N/A	N/A	ISS	X-206L	Parking Lot East of X-151 Trailers (sq. yds)	9,778
ISS	ISS	N/A	N/A	ISS	X-206M	Parking Lot by X-744Y Trailers (sq. yds)	4,032
D&D	D&D	N/A	N/A	ISS	X-206N	Parking Lot Adjacent to X333 Trailers	4,278
ISS	ISS	N/A	N/A	ISS	X-206N-EV-1	Electric Vehicle Charging Station	N/A

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
ISS	ISS	N/A	N/A	ISS	X-206N-EV-2	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-208	Security Fence	24,036 lf
ISS	ISS	N/A	N/A	ISS	X-208A	Boundary Fence	74,858 lf
N/A	N/A	N/A	N/A	ISS	X-208B	SNM Security Fence, X-345 (Demolished)	1,283 lf
ISS	ISS	N/A	N/A	ISS	X-208C	X-152J Security Fence	344.06 lf
D&D	D&D	N/A	N/A	ISS	X-208D	OSWDF Perimeter Fencing and Gates	19 lf
ISS	ISS	N/A	N/A	ISS	X-210	Sidewalks	14,895
OSMS	OSMS	N/A	N/A	N/A	X-215A	Electrical Distribution to Process Buildings Note 2, see below.	N/A
OSMS	OSMS	N/A	N/A	N/A	X-215B	Electrical Distribution to Non-Process Areas Note 2, see below.	N/A
OSMS	OSMS	N/A	N/A	N/A	X-215C	Exterior Lighting Facilities	N/A
OSMS	OSMS	N/A	N/A	N/A	X-215D	Electric Power Tunnels Note 1, see below.	N/A
OSMS	OSMS	N/A	N/A	N/A	X-220A	Instrumentation Tunnels Note 1, see below.	8,550,000 lf
D&D	D&D	N/A	N/A	N/A	X-220B-1	Process Instrumentation Lines Note 1, see below.	N/A
OSMS	OSMS	N/A	N/A	N/A	X-220B-2	Carrier Communications Systems Note 1, see below.	N/A
OSMS	OSMS	N/A	N/A	N/A	X-220B-3	Water Supply Telemetry Lines	39,600
OSMS	OSMS	N/A	N/A	N/A	X-220C	Superior American Alarm Systems	N/A
ISS	ISS	N/A	N/A	N/A	X-220D-1	General Telephone System	N/A
D&D	D&D	N/A	N/A	N/A	X-220E-2	Process Public Address System	N/A
OSMS	OSMS	N/A	N/A	N/A	X-220E-3	Power Public Address System	N/A
OSMS	OSMS	N/A	N/A	N/A	X-220F	Plant Radio System	N/A
D&D	N/A	N/A	N/A	N/A	X-220G	Pneumatic Dispatch System (Out of Service)	N/A

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
OSMS	OSMS	N/A	N/A	N/A	X-220H	McCulloh Fire Alarm Systems	N/A
OSMS	OSMS	N/A	N/A	N/A	X-220J	Radiation Alarm System	N/A
ISS	ISS	N/A	N/A	N/A	X-220N	Security Alarm and Surveillance System	25,000
OSMS	OSMS	N/A	N/A	N/A	X-220R	Public Warning Siren System	N/A
OSMS	OSMS	N/A	N/A	N/A	X-220S	Power Operations SCADA System	N/A
OSMS	OSMS	N/A	N/A	N/A	X-230	Water Supply Line (Not in FIMS)	N/A
OSMS	OSMS	N/A	N/A	N/A	X-230A	Sanitary and Fire Water Distribution System Note 3, see below.	76,585
D&D	D&D	N/A	N/A	ISS	X-230A-03	Ambient Air Monitoring Station A3 (South Access Road)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-06	Ambient Air Monitoring Station A6 (Power Pole No. 6 in Piketon)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-08	Ambient Air Monitoring Station A8 (Power Pole No. 74 near X-735)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-09	Ambient Air Monitoring Station A9 (Wakefield Mound Road)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-10	Ambient Air Monitoring Station A10 (Don Marquis Station)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-12	Ambient Air Monitoring Station A12 (McCorkle Road)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-15	Ambient Air Monitoring Station A15 (Loop Road)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-23	Ambient Air Monitoring Station A23 (Taylor Hollow / McCorkle Road)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-24	Ambient Air Monitoring Station A24 (Shyville Road)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-28	Ambient Air Monitoring Station A28 (Camp Creek Road)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-29	Ambient Air Monitoring Station A29 (West Access Road)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-36	Ambient Air Monitoring Station A36 (X-611)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-37	Ambient Air Monitoring Station A37 (Mount Hope Road)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-40	Ambient Air Monitoring Station A40 (X-100 Penthouse)	N/A

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	N/A	N/A	ISS	X-230A-41	Ambient Air Monitoring Station A41 (Zahn's Corner)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-T7	Ambient Air Monitoring Station T7 (X-605H Area)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-50	Ambient Air Monitoring Station NE of OSWDF A50	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-51	Ambient Air Monitoring Station South of South Perimeter Rd A51	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-52	Ambient Air Monitoring Station Perimeter Rd near East Entrance Rd A52	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-53	Ambient Air Monitoring Station West Access Rd A53	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-54	Ambient Air Monitoring Station Corner of Hewes St and Perimeter Rd A54	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-70	Ambient Air Monitoring Station NE Corner of OSWDF Cell 1 A70 (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-71	Ambient Air Monitoring Station NE of X-230K Holding Pond A71 (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	X-230A-72	Ambient Air Monitoring Station X-206H Parking Lot A72 (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	MF-02	Ambient Air Monitoring Station West of X-326 ACP area (under construction) (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	MF-03	Ambient Air Monitoring Station West of X-326 ACP area (under construction) (Not in FIMS)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-230B	Sanitary Sewers Note 1, see below.	N/A
OSMS	OSMS	N/A	N/A	ISS	X-230C	Storm Water Sewers Note 3, see below.	N/A
OSMS	OSMS	N/A	N/A	ISS	X-230F	Raw Water Supply Lines	26,815 lf
OSMS	OSMS	N/A	N/A	ISS	X-230G	Recirculating Water System (Between Buildings)	41,853
OSMS	OSMS	N/A	N/A	ISS	X-230H	Fire Water Distribution System Note 3, see below.	37,332
D&D	D&D	N/A	D&D	ISS	X-230J-2(B)	South Holding Pond Effluent Monitoring Station (Building)	110
D&D	D&D	N/A	D&D	ISS	X-230J-3(B)	West Environmental Monitoring Station (Building)	110

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	N/A	N/A	ISS	X-230J-4	Environmental Air Sampling Station (Not in FIMS)	2
D&D	D&D	N/A	D&D	ISS	X-230J-5(B)	West Holding Pond & Environmental Sampling Building	144
D&D	D&D	N/A	D&D	ISS	X-230J-6(B)	NE Holding Pond & Monitoring Station (Building)	144
D&D	D&D	N/A	D&D	ISS	X-230J-7(B)	E Holding Pond & Monitoring Station (Building)	144
D&D	D&D	N/A	N/A	ISS	X-230K	South Holding Pond	6 acres
D&D	D&D	N/A	N/A	ISS	X-230L	North Holding Pond	N/A
OSMS	OSMS	N/A	N/A	ISS	X-230M	Clean Site Northeast of XT-801 (Not in FIMS)	60,000
D&D	D&D	N/A	N/A	ISS	X-231A	Southeast Oil Biodegradation Plot (acre)	2.35 acres
D&D	D&D	N/A	N/A	ISS	X-231B	Southwest Oil Biodegradation Plot (acre)	1 acres
OSMS	OSMS	N/A	N/A	ISS	X-232A	Nitrogen Distribution System Note 3, see below.	13,000
OSMS	OSMS	N/A	N/A	ISS	X-232B	Dry Air Distribution System Note 3, see below.	16,355
D&D	D&D	N/A	N/A	ISS	X-232C-1	Tie Line No. 1, X-342 to X-330	1,000 lf
D&D	D&D	N/A	N/A	ISS	X-232C-2	Tie Line No. 2, X-330 to X-326	236 lf
D&D	D&D	N/A	N/A	ISS	X-232C-3	Tie Line No. 3, X-330 to X-333	250 lf
D&D	D&D	N/A	N/A	ISS	X-232C-5	Tie Line No. 5, X-343 to X-333	1,000 lf
OSMS	OSMS	N/A	N/A	ISS	X-232D	Steam and Condensate System Note 3, see below.	56,216
D&D	D&D	N/A	N/A	ISS	X-232E	Freon Distribution Lines (Out of Service)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-232F	Fluorine Distribution Systems Note 3, see below.	N/A
OSMS	OSMS	N/A	N/A	ISS	X-232G	Supports for Distribution Lines	N/A
OSMS	OSMS	N/A	N/A	ISS	X-232H	Tower Cooling Water System (supports X-300 and X-670) (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	X-235	South Groundwater Collection System	4,569
D&D	D&D	N/A	N/A	ISS	X-237	Little Beaver Groundwater Collection System	1,080 lf
OSMS	OSMS	N/A	N/A	ISS	X-240A	RCW System (Cathodic Protection)	N/A
OSMS	OSMS	OSMS	OSMS	ISS	X-300	Plant Control Facility	16,014

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
OSMS	OSMS	OSMS	OSMS	ISS	X-300A	Process Monitoring Building	1,430
OSMS	OSMS	OSMS	OSMS	ISS	X-300B	Plant Control Facility Carport	783
OSMS	OSMS	N/A	N/A	ISS	X-300C	Emergency Communications Antenna	N/A
D&D	D&D	D&D	N/A	ISS	X-326-P	GDP Process Building Slab	2,517,120
D&D	D&D	N/A	N/A	ISS	X-326 A01, A05- A10	OEP Air Monitoring Station	N/A
D&D	D&D	D&D	D&D	ISS	X-330	GDP Process Building	2,759,680
D&D	D&D	D&D	D&D	ISS	X-333	GDP Process Building	2,823,669
D&D	D&D	D&D	D&D	ISS	X-333 T10	Men’s Shower Trailer	3,630
D&D	D&D	D&D	D&D	ISS	X-333-T12	Office Trailer	2,160
D&D	D&D	D&D	D&D	ISS	X-333 T2	Office Trailer	1,350
D&D	D&D	D&D	D&D	ISS	X-333 T2-A	Air Lab Conex	320
D&D	D&D	D&D	D&D	ISS	X-333 T2-B	Smear Lab Conex	320
D&D	D&D	D&D	D&D	ISS	X-333 T2-C	Lab Storage Conex	160
D&D	D&D	D&D	D&D	ISS	X-333 T3	Office Trailer	3,360
D&D	D&D	D&D	D&D	ISS	X-333 T4	Office Trailer	3,360
D&D	D&D	D&D	D&D	ISS	X-333 T5	Office Trailer	1,350
D&D	D&D	D&D	D&D	ISS	X-333 T6	Restroom Trailer	1,350
D&D	D&D	D&D	D&D	ISS	X-333 T7	Office Trailer	3,360
D&D	D&D	D&D	D&D	ISS	X-333 T8	Office Trailer	3,360
D&D	D&D	D&D	D&D	ISS	X-333 T9	Women’s Shower Trailer	2,700
OSMS	OSMS	OSMS	OSMS	ISS	X-342A	Feed, Vaporization, & Fluorine Generation Building	13,761
OSMS	OSMS	OSMS	OSMS	ISS	X-342B	Fluorine Storage Building	1,526
D&D	D&D	D&D	D&D	ISS	X-343	Feed, Vaporization, and Sampling Facility	14,915

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
OSMS	OSMS	OSMS	OSMS	ISS	X-344A	UF6 Sampling Facility	180,000
OSMS	OSMS	OSMS	OSMS	ISS	X-344H	Security Portal	100
D&D	D&D	D&D	D&D	ISS	X-345	SNM Storage Building	35,260
OSMS	OSMS	N/A	N/A	ISS	X-501	Substation	N/A
OSMS	OSMS	N/A	N/A	ISS	X-501A	Substation	N/A
OSMS	OSMS	N/A	N/A	ISS	X-502	Substation	N/A
OSMS	OSMS	N/A	N/A	ISS	X-515	330 kV Tie Line	N/A
OSMS	OSMS	OSMS	OSMS	ISS	X-530T-1	Trailer	720
OSMS	OSMS	OSMS	N/A	ISS	X-530A	Switchyard	N/A
OSMS	OSMS	OSMS	OSMS	ISS	X-530B	Switch House	112,012
OSMS	OSMS	OSMS	N/A	ISS	X-530C	Test and Repair Building	1,250
OSMS	OSMS	OSMS	N/A	ISS	X-530D	Oil House	203
OSMS	OSMS	OSMS	N/A	ISS	X-530E	Valve House	150
OSMS	OSMS	OSMS	N/A	ISS	X-530F	Valve House	150
ACP	ACP	ACP	N/A	ISS	X-530G	Oil Pumping Station	120
D&D	D&D	N/A	N/A	ISS	X-533B-P	Transformer Slab	41
D&D	ISS	ISS	ISS	ISS	X-533-T2	Trailer	840
D&D	ISS	ISS	ISS	ISS	X-533-T3	Trailer	840
D&D	ISS	ISS	ISS	ISS	X-533-T4	Trailer	840
ISS	ISS	N/A	ISS	ISS	X-540	Telephone Building	2,652
OSMS	OSMS	N/A	N/A	ISS	X-550	Medium Voltage Substation (partially constructed/ abandoned, to be demolished with X-555 construction)	N/A
OSMS	N/A	N/A	N/A	ISS	X-555	138kv/13.8kv Substation SW of X-530 (Future)	N/A
D&D	N/A	N/A	N/A	ISS	X-600-P	Steam Plant Facility Slab	19,506

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	N/A	N/A	N/A	ISS	X-600A-P	Coal Pile Yard Pad	18,800
D&D	N/A	N/A	N/A	ISS	X-600B-P	Steam Plant Shop Slab	1,500
D&D	N/A	N/A	N/A	ISS	X-600C-P	Ash Wash Treatment Building Slab	1,200
OSMS	OSMS	N/A	N/A	ISS	X-605	Sanitary Water Control House	120
OSMS	OSMS	N/A	N/A	ISS	X-605A	Sanitary Water Wells	N/A
OSMS	OSMS	N/A	N/A	ISS	X-608	Raw Water Pump House	11,600
OSMS	OSMS	N/A	N/A	ISS	X-608A	Raw Water Wells (1 to 4)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-608B	Raw Water Wells (5 to 15)	N/A
OSMS	OSMS	ISS	ISS	ISS	X-611	Water Treatment Plant	4,085
OSMS	OSMS	N/A	N/A	ISS	X-611-B1	Lagoon Supernatant Pumping Station	N/A
OSMS	OSMS	N/A	N/A	ISS	X-611-B2	Lagoon Supernatant Pumping Station	N/A
OSMS	OSMS	N/A	N/A	ISS	X-611-B3	Lagoon Supernatant Pumping Station	N/A
OSMS	OSMS	N/A	N/A	ISS	X-611A	Lime Sludge Prairie (acres)	30
OSMS	OSMS	N/A	N/A	ISS	X-611B	Sludge Lagoon	N/A
ISS	ISS	N/A	N/A	ISS	X-611B-BR	Spillway Bridge	11 lf
OSMS	OSMS	N/A	OSMS	ISS	X-611C	Filter Building	3,715
OSMS	OSMS	N/A	N/A	ISS	X-611D	Recarbonization Instrument Building	240
OSMS	OSMS	N/A	N/A	ISS	X-611E	Clearwell and Chlorine Building	1,128
OSMS	OSMS	N/A	N/A	ISS	X-612	Elevated Water Tank (gal)	200,000
OSMS	OSMS	N/A	N/A	ISS	X-614A	Sewage Pumping Station	N/A
OSMS	OSMS	N/A	N/A	ISS	X-614B	Sewage Lift Station	N/A
OSMS	OSMS	N/A	N/A	ISS	X-614D	South Sewage Lift Station	N/A
OSMS	OSMS	N/A	N/A	ISS	X-614P	Northeast Sewage Lift Station	N/A
OSMS	OSMS	N/A	N/A	ISS	X-614Q	Sewage Booster Pump Station	N/A

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
OSMS	OSMS	N/A	N/A	ISS	X-614S	Sewage Booster Pump Station (Future)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-614T	Sewage Lift Station for 5-Unit Plume Area (Future)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-614U	Sewage Lift Station	N/A
OSMS	OSMS	N/A	N/A	ISS	X-616 CAP	X-616 Sludge Lagoons (Closed & Capped)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-616A	Cap Over Sludge Lagoons	N/A
D&D	D&D	N/A	N/A	ISS	X-617	South Holding Pond & pH Control Facility	200
D&D	D&D	N/A	N/A	ISS	X-618	North Holding Pond Storage Building	225
OSMS	OSMS	N/A	N/A	ISS	X-618A	Small Meteorological Tower	N/A
D&D	D&D	N/A	N/A	ISS	X-621	Coal Pile Runoff Treatment Facility	1,500
D&D	D&D	ISS	N/A	ISS	X-622	South Groundwater Treatment Building	5,177
D&D	D&D	D&D	D&D	ISS	X-622-1	New Water Treatment Facility	N/A
D&D	D&D	ISS	N/A	ISS	X-622-1A	Break Office/Storage Lab Conex	320
D&D	D&D	N/A	N/A	ISS	X-622-1-B	Electrical Conex	320
D&D	D&D	D&D	D&D	ISS	X-623	North Groundwater Treatment Building	5,760
D&D	D&D	ISS	D&D	ISS	X-624	Little Beaver Groundwater Treatment Facility	1,600
D&D	D&D	N/A	N/A	ISS	X-625	Groundwater Passive Treatment Facility	1,200
D&D	D&D	D&D	N/A	ISS	X-626-1	Recirculating Water Pump House	6,879
D&D	D&D	N/A	N/A	ISS	X-626-2	Cooling Tower	N/A
D&D	D&D	N/A	D&D	ISS	X-627	Groundwater Treatment Facility (Adjacent to X-705)	3,111
D&D	D&D	N/A	D&D	ISS	X-630-1P	Recirculating Water Pump House Slab	10,249
D&D	D&D	N/A	D&D	ISS	X-630-2A-B	Cooling Tower Basin	N/A
D&D	D&D	N/A	D&D	ISS	X-630-2B-B	Cooling Tower Basin	N/A
D&D	D&D	N/A	N/A	ISS	X-633-P	Cooling Tower Area (Slab)	N/A
D&D	ISS	ISS	ISS	ISS	X-633-T1	Trailer	840

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	ISS	ISS	ISS	ISS	X-633-T2	Trailer	720
D&D	ISS	ISS	ISS	ISS	X-633-T3	Trailer	840
D&D	N/A	N/A	N/A	ISS	X-633-1P	Recirculating Water Pump House Slab	11,268
D&D	N/A	N/A	N/A	ISS	X-633-2B-B	Cooling Tower Basin	N/A
D&D	N/A	N/A	N/A	ISS	X-633-2C-B	Cooling Tower Basin	N/A
OSMS	OSMS	N/A	N/A	ISS	X-640-1	Firewater Pump House (anticipated to be out of service by 3/20235)	1,648
OSMS	OSMS	N/A	N/A	ISS	X-640-1A	Firewater Pump House Substation (anticipated to be out of service by 3/2025)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-640-2	Elevated Water Tank (gal) (anticipated to be out of service by 3/2025)	300,000 gal
OSMS	OSMS	N/A	N/A	ISS	X-640-2A	Elevated Water Tank Auxiliary Building (anticipated to be out of service by 3/2025)	192
OSMS	OSMS	OSMS	OSMS	ISS	X-670	Dry Air Plant (Includes Personnel Monitoring Station #1)	15,255
OSMS	OSMS	N/A	N/A	ISS	X-670A	Dry Air Plant Cooling Tower	N/A
OSMS	OSMS	N/A	N/A	ISS	X-675	Plant Nitrogen Station	N/A
OSMS	OSMS	N/A	N/A	ISS	X-680	Blow Down Sample & Treatment Facility	128
D&D	D&D	N/A	N/A	ISS	X-681	Effluent Monitoring Facility (West Side)	126
OSMS	OSMS	N/A	OSMS	ISS	X-690	Steam Plant	5,256
D&D	D&D/ ISS	D&D/ ISS	D&D	ISS	X-700	Converter Shop and Chemical Cleaning Facility (Janitorial and Maintenance for each contractor's occupied areas)	124,712
D&D	D&D	N/A	N/A	ISS	X-700A	Air Conditioning Equipment Building	2,400
D&D	D&D	N/A	N/A	ISS	X-700B	Sand Blast Facility and Observation Booth	400
D&D	N/A	N/A	N/A	ISS	X-701B	East Holding Pond (Drained) and 8 Acres	8 Acres
D&D	D&D	N/A	N/A	ISS	X-701E	Neutralization Building	400

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	D&D	D&D	ISS	X-705	Decontamination Building (includes north storage tank)	95,600
D&D	D&D	N/A	N/A	ISS	X-705B	Contaminated Burnable Storage Area (Not in FIMS)	N/A
D&D	D&D	N/A	D&D	ISS	X-705D	Heating Booster Pump Building	747
D&D	D&D	D&D	N/A	N/A	X-705E	Oxide Conversion Area (Not in FIMS)	N/A
D&D	D&D	N/A	D&D	ISS	X-710	Technical Services Building	143,281
D&D	D&D	N/A	N/A	ISS	X-710A	Technical Services Gas Manifold Shed	400
D&D	D&D	N/A	N/A	ISS	X-710B	Explosion Test Facility	245
D&D	D&D	D&D	D&D	ISS	X-720	Maintenance and Stores Building (ISS Contractor utilizes a portion of the building)	300,000
D&D	D&D	ISS	D&D	ISS	X-720T-1	Office Trailer	720
D&D	D&D	ISS	D&D	ISS	X-720T-2	Trailer (break room)	658
OSMS	OSMS	N/A	N/A	ISS	X-720B	Radio Base Station Building	785
D&D	D&D	N/A	N/A	ISS	X-720C	Paint and Oil Storage Building	4,200
D&D	D&D	N/A	ISS	ISS	X-721	Radiation Instrument Calibration Facility	4,000
OSMS	OSMS	N/A	N/A	ISS	X-734	Old Sanitary Landfill (acres)	4 acres
OSMS	OSMS	N/A	N/A	ISS	X-734A	Construction Spoils Disposal Area (acre)	1 acre
OSMS	OSMS	N/A	N/A	ISS	X-734B	Construction Spoils Disposal Area (acre)	1 acre
OSMS	OSMS	N/A	N/A	ISS	X-735	Sanitary Landfill (acres)	22 acres
D&D	ISS	ISS	ISS	ISS	X-735A	Landfill Utility Building	2,984
OSMS	OSMS	N/A	N/A	ISS	X-735N	Sanitary Landfill (Northern Portion) part of X-735	N/A
OSMS	OSMS	N/A	N/A	ISS	X-735S	Industrial Solid Waste Landfill (Southern Portion) part of X-735	N/A
OSMS	OSMS	N/A	N/A	ISS	X-736	Construction Spoils Landfill (acres)	12 acres
OSMS	OSMS	N/A	N/A	ISS	X-737	Area (East of X-735 Landfill and East of Shyville Road) (Not in FIMS)	N/A

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	N/A	N/A	ISS	X-738	Phytoremediation Groundwater Areas	N/A
D&D	D&D	N/A	N/A	ISS	X-740 A02	OEA Air Monitoring Station	N/A
D&D	D&D	N/A	N/A	ISS	X-741	Oil Drum Storage Facility	1,250
D&D	D&D	N/A	N/A	ISS	X-742	Gas Cylinder Storage Facility	2,800
D&D	D&D	N/A	N/A	ISS	X-743	Lumber Storage Shed	13,784
N/A	N/A	N/A	N/A	ISS	X-744B	Salt Storage Shed (Demolished)	N/A
OSMS	OSMS	N/A	OSMS	ISS	X-744G	Bulk Storage Building	114,400
OSMS	OSMS	N/A	N/A	ISS	X-744G-1	Outside Storage Pad (sq yds)	751
D&D	D&D	N/A	D&D	ISS	X-744H	Bulk Storage Building	58,707
D&D	D&D	N/A	D&D	ISS	X-744J	Bulk Storage Building	58,707
ISS	ISS	ISS	ISS	ISS	X-744K	Warehouse	35,640
D&D	D&D	N/A	D&D	ISS	X-744L	Stores and Maintenance Warehouse	58,707
OSMS	OSMS	N/A	OSMS	ISS	X-744N	Warehouse N	15,184
OSMS	OSMS	N/A	OSMS	ISS	X-744P	Warehouse P	15,600
OSMS	OSMS	N/A	OSMS	ISS	X-744Q	Warehouse Q	147,230
D&D	N/A	N/A	N/A	ISS	X-744S	Warehouse S (Demolished)	N/A
ISS	ISS	N/A	ISS	ISS	X-744S-1	New Salt Storage Shed	4,760
SODI	SODI	N/A	N/A	ISS	X-744V	Surplus and Salvage Clean Storage Area (Not in FIMS)	N/A
OSMS	OSMS	N/A	OSMS	ISS	X-744W	Surplus and Salvage Warehouse	50,000
OSMS	OSMS	N/A	N/A	ISS	X-744Y	Waste Storage Yard	N/A
D&D	ISS	ISS	ISS	ISS	X-744Y-T1	Office Trailer	840
D&D	ISS	ISS	ISS	ISS	X-744Y-T2	Office Trailer	840
D&D	ISS	ISS	ISS	ISS	X-744Y-T3	Office Trailer	840
D&D	ISS	ISS	ISS	ISS	X-744Y-T4	Office Trailer	840

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	ISS	ISS	ISS	ISS	X-744Y-T5	Office Trailer	840
D&D	ISS	ISS	ISS	ISS	X-744Y-T6	Office Trailer	840
D&D	ISS	ISS	ISS	ISS	X-744Y-T8	Restroom Trailer	720
D&D	ISS	ISS	ISS	ISS	X-744Y-T9	Break Trailer	1,440
OSMS	OSMS	N/A	N/A	OSMS	X-745B	Toll Enrichment Process Gas Yard (sq. yds.)	12,282
OSMS	OSMS	N/A	N/A	OSMS	X-745C	West Depleted UF6 Storage Yard (sq. yds.)	81,317 sq yds
OSMS	OSMS	N/A	N/A	OSMS	X-745D	Cylinder Storage Yard (sq. yds.)	1,493 sq yds
OSMS	OSMS	N/A	N/A	OSMS	X-745E	Northwest-Depleted UF6 Storage Yard (sq. yds.)	23,715 sq yds
OSMS	OSMS	N/A	N/A	ISS	X-745F	North Process Gas Stockpile Yard (sq. yds.) Snow for perimeters around and access roads to X-745-F	14,226
OSMS	OSMS	N/A	N/A	ISS	X-745G-1	Tails Storage Yard (sq. yds.) (Not split in FIMS) Snow for perimeters around and access roads to X-745-G-1	29,610 sq yds
OSMS	OSMS	N/A	N/A	OSMS	X-745G-2	Tails Storage Yard (sq. yds.) (Not split in FIMS)	15,753 sq yds
OSMS	OSMS	N/A	N/A	ISS	X-747-CSY	Clean Scrap Yard	
D&D	D&D	N/A	N/A	ISS	X-747A	Material Storage Yard (sq. yds.)	10,489
D&D	D&D	N/A	N/A	ISS	X-747B	Material Storage Yard (sq. yds.)	1,201
D&D	D&D	N/A	N/A	ISS	X-747C	Material Storage Yard (sq. yds.)	1,027
D&D	D&D	N/A	N/A	ISS	X-747C (NT)	(North of X-720, north tank) 300 gal. storage tank (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	X-747C (ST)	(North of X-720, south tank) 300 gal. storage tank (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	X-747D	Material Storage Yard (sq. yds.)	1,698
D&D	D&D	N/A	N/A	ISS	X-747E	Material Storage Yard (sq. yds.)	31.1

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	N/A	N/A	ISS	X-747F	Miscellaneous Material Storage Yard	315,000
D&D	D&D	N/A	N/A	ISS	X-747H	Northwest Contaminated Scrap Yard	293,000
OSMS	OSMS	N/A	N/A	ISS	X-747H-1	Loading Pad (sq. yds.)	4,461
D&D	D&D	N/A	N/A	ISS	X-747J	Decontamination Storage Yard (Not in FIMS)	12,500
D&D	D&D	N/A	N/A	ISS	X-747K	Transportation Staging Area (sq. yds.)	10,525
D&D	D&D	N/A	N/A	ISS	X-747L	Container Laydown and Loading Area (section of former X-533 (east side))	N/A
D&D	D&D	N/A	N/A	ISS	X-747M	Miscellaneous Material Storage Yard (Immediately east of the X-206B parking lot; southern portion of the east side of the lot) (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	X-747N	Equipment/GSA Vehicle Laydown Area (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	X-748	Truck Scale Facility	N/A
D&D	D&D	N/A	N/A	ISS	X-749	South Contaminated Materials Storage Yard (Closed & Capped) (acres) (Not in FIMS)	25 acres
D&D	D&D	N/A	N/A	ISS	X-749/120	Phytoremediation Area	N/A
D&D	D&D	N/A	N/A	ISS	X-749A	South Classified Burial Yard (Closed & Capped) (acres)	25 acres
D&D	D&D	N/A	N/A	ISS	X-749B	Peter Kiewit Landfill (Closed & Capped) (acres)	20 acres
D&D	D&D	D&D	D&D	ISS	X-750	Mobile Equipment Maintenance Garage	15,340
D&D	D&D	N/A	D&D	ISS	X-750A	Garage Storage Facility	473
ISS	ISS	ISS	ISS	ISS	X-751	Gas Centrifuge Enrichment Plant (GCEP) Mobile Equipment Garage	16,480
OSMS	OSMS	OSMS	OSMS	ISS	X-752	Warehouse	18,000
OSMS	ISS	ISS	ISS	ISS	X-752AT1	Office Trailer	1,440
OSMS	ISS	ISS	ISS	ISS	X-752AT2	Don and Doff Trailer	1,440
OSMS	ISS	ISS	ISS	ISS	X-752AT3	Restroom Trailer	800
OSMS	ISS	ISS	ISS	ISS	X-752AT4	Break Trailer	1,440

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
OSMS	OSMS	OSMS	OSMS	ISS	X-752AT6	Sprung Storage Tent	N/A
D&D	ISS	ISS	ISS	ISS	X-760-T1	Office Trailer	840
D&D	ISS	ISS	ISS	ISS	X-760-T2	Office Trailer	840
D&D	D&D	N/A	N/A	ISS	X-780	On Site Disposal Cell (OSDC) (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	X-780 A01 - A06	OEP Air Monitoring Stations	N/A
D&D	D&D	D&D	D&D	D&D	X-780 T1	Office Trailer	1,344
D&D	D&D	D&D	D&D	D&D	X-780 T2	Office Trailer	1,344
D&D	D&D	D&D	D&D	D&D	X-780 T3	Office Trailer	1,344
D&D	D&D	D&D	D&D	D&D	X-780 T4	Tornado Shelter	320
D&D	D&D	D&D	D&D	D&D	X-780 T5	Conference Room and Rest Room	1,344
D&D	D&D	D&D	D&D	D&D	X-780 T6	Office Trailer	1,344
D&D	D&D	N/A	D&D	D&D	X-782	OSDC Contractor Trailer Complex (Future-Under Construction)	N/A
D&D	D&D	N/A	N/A	ISS	X-782-C1	Operations Conex-Survey	284
D&D	D&D	N/A	N/A	ISS	X-782-C7	Lab Conex	384
D&D	D&D	N/A	N/A	N/A	X-782-CPA	Clay Processing Area	101,640 sq yds
D&D	D&D	D&D	D&D	D&D	X-782-T1	Office Trailer	4,698
D&D	D&D	D&D	D&D	D&D	X-782-T2	Break Trailer	3,600
D&D	D&D	D&D	D&D	D&D	X-782-T3	Boundary Control Station (BCS)	4,305
D&D	D&D	N/A	D&D	D&D	X-782-TS-A	Tornado Shelter #1	230
D&D	D&D	N/A	D&D	D&D	X-782-TS-B	Tornado Shelter #2	230
D&D	D&D	N/A	N/A	N/A	X-782-LA-1	Central Laydown Area (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	N/A	X-782-LA-2	North Laydown Area (Not in FIMS)	N/A

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	N/A	D&D	D&D	X-782-MB	East Maintenance Building	4,800
D&D	D&D	N/A	N/A	N/A	X-783	OSDC Sediment Ponds (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	N/A	X-783-SP-1	Sediment Pond 1 (Sediment Pond 1B to be completed in 2022, shared maintenance with OSMS who maintains water treatment portion of X-611B) (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	N/A	X-783-SP-2	Sediment Pond 2 (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	N/A	X-783-SP-3	Sediment Pond 3 (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	N/A	X-783-SP-4	Sediment Pond 4 (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	N/A	X-784	On Site Disposal Cell (OSDC) (Future-Under Construction)	N/A
D&D	D&D	N/A	N/A	D&D	X-784 T-1	Connex Box	320
D&D	D&D	N/A	N/A	D&D	X-784 T2	Connex Box	320
D&D	D&D	N/A	N/A	D&D	X-784-LA-1	East Laydown Area (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	D&D	X-784-LS-1	North Lift Station	N/A
D&D	D&D	N/A	N/A	D&D	X-784-LS-2	South Lift Station (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-784-VH-1	Valve House 1	320
D&D	D&D	N/A	N/A	D&D	X-784-VH-2	Valve House 2 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-784-VH-3	Valve House 3 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-784-VH-4	Valve House 4	320
D&D	D&D	N/A	N/A	D&D	X-784-VH-5	Valve House 5	408
D&D	D&D	N/A	N/A	D&D	X-784-VH-6	Valve House 6 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-784-VH-7	Valve House 7 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-784-VH-8	Valve House 8 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-784-VH-9	Valve House 9 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-784-VH-10	Valve House 10 (Future)	N/A

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	N/A	N/A	D&D	X-784-VH-11	Valve House 11 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-784-VH-12	Valve House 12 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-785	IMTA (Future)	N/A
D&D	D&D	N/A	D&D	D&D	X-785-MB	West Maintenance Building (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-785-PS-1	Tank 1 Pump Station (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-785-PS-2	Tank 2A/2B Pump Station (Future)	N/A
D&D	D&D	N/A	D&D	D&D	X-785-SH	Scale House	80
D&D	D&D	N/A	N/A	D&D	X-785-TANK-1	Tank 1 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-785-TANK-2A	Tank 2A (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-785-TANK-2B	Tank 2B (Future)	N/A
D&D	D&D	D&D	D&D	D&D	X-785-T#	Trailer Complex (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-785-WW	Wheel Wash (Future)	N/A
D&D	D&D	D&D	D&D	D&D	X-786	Access Control Facility	80
D&D	D&D	D&D	D&D	D&D	X-786-OBTOWER	Observation Tower	290
D&D	D&D	N/A	N/A	D&D	X-787	Booster Pump Station (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	D&D	X-787-BS-1	Booster Station 1 (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	D&D	X-787-BS-2	Booster Station 2	N/A
D&D	D&D	N/A	N/A	D&D	X-788	Raw Water Booster Station	284
D&D	D&D	N/A	N/A	D&D	X-788-WFS-1	Water Filling Station 1 (Future)	N/A

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	N/A	N/A	D&D	X-788-WFS-2	Water Filling Station 2 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-788-WFS-3	Water Filling Station 3 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-788-WFS-4	Water Filling Station 4 (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-789-LS-1	Sewage Lift Station	N/A
D&D	D&D	N/A	N/A	D&D	X-790	Main Building (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-790-AVB-1	Air Vapor Building	1,103
D&D	D&D	N/A	N/A	D&D	X-790-FS-1	Temporary Fabric Building	8,759
D&D	D&D	D&D	ISS	D&D	X-790-MLTS-T-1	Trailer East	800
D&D	D&D	D&D	D&D	D&D	X-790-MLTS-T-2	Trailer Mid East	800
D&D	D&D	D&D	D&D	D&D	X-790-MLTS-T-3	Trailer Mid West (Not in FIMS)	N/A
D&D	D&D	D&D	D&D	D&D	X-790-MLTS-T-4	Trailer West (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	D&D	X-790-CL-1	Clarifier 1 (1-T600) (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-790-CL-2	Clarifier 2 (1-T600) (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-790-CL-3	Clarifier 3 (1-T600) (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-790-ST-1	South East Storage Tank (T-200A) (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	D&D	X-790-ST-2	South West Storage Tank (T-200B)	N/A
D&D	D&D	N/A	N/A	D&D	X-790-ST-3	North West Storage Tank (T-200C) (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-790-ST-4	North East Storage Tank (T-200D) (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-790-EQ-1	Equalization Tank (T-300)	N/A
D&D	D&D	N/A	N/A	D&D	X-790-CL-4	Pretreatment Clarifier (T-100)	N/A

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	N/A	N/A	D&D	X-790-G-1	MAC Portal (Employee Gate) (Future)	N/A
D&D	D&D	N/A	N/A	D&D	X-799-LS-1	Lift Station (Not in FIMS)	N/A
ISS	ISS	ISS	ISS	ISS	XT-801	South Office Building	44,286
D&D	D&D	D&D	D&D	ISS	XT-801-1A	Sample Prep Lab Conex	320
OSMS	OSMS	OSMS	OSMS	ISS	XT-847	Waste Staging Facility	147,230
ACP	ACP	N/A	N/A	N/A	XT-860A	Rubb Tent Structure @ X-7725 (Land and Tent)	23,934
ACP	ACP	N/A	N/A	N/A	XT-860B	Rubb Tent Structure @ X-3346 (Land and Tent)	23,934
D&D	D&D	N/A	N/A	ISS	X-900	5-Unit Plume (Southeast of X-326) (Not in FIMS)	N/A
D&D	D&D	D&D	D&D	ISS	X-900 T1	Break Trailer	1,440
D&D	D&D	D&D	D&D	ISS	X-900 T2	Break Trailer	1,440
D&D	D&D	D&D	D&D	ISS	X-900 T3	Shower Trailer	223
D&D	D&D	D&D	D&D	ISS	X-900 T4	RadCon Support Trailer	160
D&D	D&D	D&D	D&D	ISS	X-900 T-5	RadCon Support Trailer	160
D&D	D&D	D&D	D&D	ISS	X-900 T-6	2M-gallon Modular Tank	N/A
D&D	D&D	D&D	D&D	ISS	X-900-T7	ER X-231AB Project Office Trailer	320
ISS	ISS	ISS	ISS	ISS	X-1000 X-1000S	Administration Building and Pavilion	73,688
ISS	ISS	ISS	ISS	ISS	X-1000-T1	Training Trailer	1,536
OSMS	OSMS	OSMS	OSMS	ISS	X-1007	Fire Station (snow removal for sidewalks)	12,560
OSMS	OSMS	N/A	OSMS	ISS	X-1007HWB	Fire Station Hot Water Building (Not in FIMS)	N/A
OSMS	ISS	ISS	ISS	ISS	X-1020	Emergency Operations Center (EOC)	7,180
ACP	ACP	ACP	N/A	N/A	X-1020	Rooms 122, 122A, 122B, 122C, 123, 124	N/A
OSMS	OSMS	OSMS	OSMS	N/A	X-1020-P	Joint Information Center/Alternate EOC (Leased)	2,650
OSMS	OSMS	OSMS	OSMS	ISS	X-1100	Administration Building	9,664
OSMS	OSMS	OSMS	OSMS	ISS	X-1107AV	Administrative Vehicle Portal	5,000

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
ACP	ACP	ACP	N/A	N/A	X-1107BP	Administrative Pedestrian Portal	1,300
OSMS	OSMS	OSMS	OSMS	ISS	X-1107BV	Interplant Vehicle Portal	5,000
ACP	ACP	ACP	N/A	N/A	X-1107DP	Northeast Pedestrian Portal	1,300
ACP	ACP	ACP	N/A	N/A	X-1107DV	Northeast Vehicle Portal	700
ACP	ACP	ACP	N/A	N/A	X-1107EP	Northwest Pedestrian Portal	1,300
ACP	ACP	ACP	N/A	N/A	X-1107EV	Northwest Vehicle Portal	700
ACP	ACP	ACP	N/A	N/A	X-1107FP	Southwest Pedestrian Portal	1,300
ACP	ACP	ACP	N/A	N/A	X-1107FV	Southwest Vehicle Portal	700
OSMS	OSMS	OSMS	N/A	ISS	X-1200	Parking Lot (Not in FIMS)	N/A
ISS	ISS	N/A	N/A	ISS	X-1200-EV-1	Electric Vehicle Charging Station	
OSMS	OSMS	OSMS	OSMS	ISS	T-1200-T06	Construction Contractor Office Trailer	2,871
ACP	ACP	ACP	N/A	N/A	X-1200-T-07	Construction Contractor Restroom / Shower Trailer	400
ACP	ACP	ACP	N/A	N/A	X-1200-T-08	Construction Contractor Office Trailer	1,782
ACP	ACP	ACP	N/A	N/A	X-1200-T-09	Construction Contractor Restroom / Shower Trailer	610
OSMS	OSMS	OSMS	N/A	ISS	X-1200-T20	Waste Storage Locker (Not in FIMS)	N/A
OSMS	OSMS	OSMS	OSMS	ISS	T-1200-T21	Shower Trailer	587
OSMS	OSMS	OSMS	OSMS	ISS	T-1200-T22	Break Trailer	
OSMS	OSMS	OSMS	N/A	ISS	X-1215A	Vehicle Portal House A	100
OSMS	OSMS	OSMS	N/A	ISS	X-1220 B	Vehicle Portal House B	80
OSMS	OSMS	OSMS	OSMS	ISS	X-1300	Conversion Building	68,888
OSMS	OSMS	N/A	N/A	ISS	X-1300-RR	DUF6 Rail Road Spur	
OSMS	OSMS	OSMS	N/A	ISS	X-1305	HF Storage Tank Building	4,748

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
OSMS	OSMS	N/A	N/A	N/A	X-1305A	HF Tanker Car Containment Pit (Not in FIMS)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-1310	Nitrogen Supply System Area	3,328
OSMS	OSMS	OSMS	OSMS	ISS	X-1320	KOH Regeneration Building	4,187
OSMS	OSMS	N/A	N/A	ISS	X-1330	Hydrogen Supply System Area	1,880
OSMS	OSMS	N/A	N/A	ISS	X-1330B	Hydrogen Generation Pad	2,160
OSMS	OSMS	N/A	N/A	ISS	X-1330C	Bulk Hydrogen System Pad (sq yds)	2,601 sq yds
OSMS	OSMS	OSMS	OSMS	ISS	X-1605	Service Water Pump House	570
OSMS	OSMS	OSMS	OSMS	ISS	X-1700	Warehouse / Maintenance Building	9,243
OSMS	OSMS	N/A	N/A	OSMS	X-1745A	Full Cylinder Staging Yard (sq yds)	853 sq yds
OSMS	OSMS	N/A	N/A	OSMS	X-1745B	Empty and Heel Cylinder Staging Yard (sq yds)	2,910 sq yds
OSMS	OSMS	N/A	N/A	OSMS	X-1745C	Oxide Cylinder Staging Area (sq yds)	837 sq yds
OSMS	OSMS	N/A	N/A	ISS	PPA Fence	PPA Fence (DUF6)	2,000 lf
ACP	ACP	N/A	N/A	N/A	X-2200	Grassy / Unimproved Areas (Not in FIMS)	N/A
ACP	ACP	N/A	N/A	N/A	X-2202-1	GCEP Roads (paved) (miles)	13 miles
ACP	ACP	N/A	N/A	N/A	X-2202-2	GCEP Roads (gravel) (miles)	2 miles
ACP	ACP	N/A	N/A	N/A	X-2204	GCEP Railroads (inside ACP footprint) (miles)	0.75
ISS	ISS	N/A	N/A	ISS	X-2207A	Parking Lot (sq yds)	18,889 sq yds
ISS	ISS	N/A	N/A	ISS	X-2207A-1	X-1000 South Parking Lot (sq yds)	1,921 sq yds.
ACP	ACP	N/A	N/A	N/A	X-2207D	MST Parking Lot (sq yds)	15,556 sq yds.
ACP	ACP	N/A	N/A	N/A	X-2207E	NW Parking Lot (sq yds)	56,000 sq yds.

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
ACP	ACP	N/A	N/A	N/A	X-2207F	South Parking Lot (sq yds)	11,750 sq yds.
ACP	ACP	N/A	N/A	N/A	X-2208	GCEP Security Fence (ft)	17,135 lf
ACP	ACP	N/A	N/A	N/A	X-2215A	Underground Electrical Distribution to Process Buildings (Not in FIMS)	N/A
ACP	ACP	N/A	N/A	N/A	X-2215B	Electrical Distribution to Non-Process Buildings (Not in FIMS)	N/A
ACP	ACP	N/A	N/A	N/A	X-2215C	Exterior Light Fixtures	N/A
OSMS	OSMS	N/A	N/A	N/A	X-2220C	Fire and Supervisory Alarm Systems	N/A
ACP	ACP	N/A	N/A	N/A	X-2220D	Communications Ductbank System (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	N/A	X-2220J	Criticality Alarm System (Out of Service)	N/A
ACP	ACP	N/A	N/A	N/A	X-2220N	Security Alarm Monitoring System (SAMS) (Not in FIMS)	N/A
OSMS	OSMS	N/A	N/A	N/A	X-2230A	Sanitary Water Distribution System	63,000
ACP	ACP	N/A	N/A	N/A	X-2230B	GCEP Sanitary Sewer	N/A
ACP	ACP	N/A	N/A	N/A	X-2230C	GCEP Storm Sewers	N/A
ACP	ACP	N/A	N/A	N/A	X-2230D	Overhead Steam Piping (Not in FIMS)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-2230F	Raw Water Supply Lines	23,000
ACP	ACP	N/A	N/A	N/A	X-2230G	Recirculating Water System (Not in FIMS)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-2230H	Fire Water Distribution System Note 4, see below.	40,000
ACP	ACP	N/A	N/A	N/A	X-2230H	Fire Water Distribution System (from ACP facility to PIV)	N/A
ACP	ACP	N/A	N/A	N/A	X-2230J	Liquid Effluent System (Not in FIMS)	N/A
ACP	ACP	N/A	N/A	N/A	X-2230M	Holding Pond No. 1 (acres)	1.5
ACP	ACP	N/A	N/A	N/A	X-2230N	Holding Pond No. 2 (acres)	1.3
OSMS	N/A	N/A	N/A	N/A	X-2230T-1	Recirculating Heating Water System (East of Valve Pits "A" and "B") (Out of Service)	15,896
ACP	ACP	N/A	N/A	N/A	X-2230T-2	Recirculating Heating Water System Piping	15,896 lf

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
ACP	ACP	N/A	N/A	N/A	X-2232B	Dry Air Distribution System	16,355 lf
ACP	ACP	N/A	N/A	N/A	X-2232C	Interconnecting Process Piping (Not in FIMS)	N/A
OSMS	OSMS	N/A	N/A	N/A	X-2232D	Steam and Condensate System (Air- Gapped)	4,100 lf
OSMS	OSMS	N/A	N/A	ISS	X-2232E	Natural Gas Line	12,805 lf
ACP	ACP	N/A	N/A	N/A	X-2232G	Supports for Distribution Lines (Not in FIMS)	N/A
ACP	ACP	N/A	N/A	N/A	X-2240	Cathodic Protection System (Not in FIMS)	N/A
ISS	ISS	ISS	ISS	ISS	X-3000	Engineering, Procurement, and Construction Building	12,288
ISS	ISS	N/A	N/A	ISS	X-3000-EV-1	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-3000-EV2	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-3000-GSA-EV-1	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-3000-GSA-EV-2	Electric Vehicle Charging Station	N/A
ISS	ISS	N/A	N/A	ISS	X-3000S	Outdoor Shelter	N/A
ACP	ACP	ACP	N/A	N/A	X-3000-T-01	IAEA Office Trailer (Not in FIMS)	650
ACP	ACP	ACP	N/A	N/A	X-3001	Process Building 1	303,680
ACP	ACP	ACP	N/A	N/A	X-3002	Process Building 2	303,680
ACP	ACP	ACP	N/A	N/A	X-3012	Process Support Building	56,243
ACP	ACP	ACP	N/A	N/A	X-3346	Feed & Withdrawal Building	167,236
ACP	ACP	ACP	N/A	N/A	X-3346A	Feed & Product Shipping & Receiving Building (land) (Not in FIMS)	N/A
ACP	ACP	ACP	N/A	N/A	X-5000	Switch House	7,512
ACP	ACP	N/A	N/A	N/A	X-5001	Substation	N/A
ACP	ACP	N/A	N/A	N/A	X-5001A	Valve House	120

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
ACP	ACP	N/A	N/A	N/A	X-5001B	Oil Pumping Station	120
ACP	ACP	N/A	N/A	N/A	X-5015	HV Electrical System (Not in FIMS)	N/A
ACP	ACP	ACP	N/A	N/A	X-6000	Cooling Tower Pumphouse and Air Plant	15,768
ACP	ACP	N/A	N/A	N/A	X-6001	Cooling Tower	N/A
ACP	ACP	N/A	N/A	N/A	X-6001A	Valve House	120
ACP	ACP	ACP	N/A	N/A	X-6002	Boiler Building	19,200
ACP	ACP	ACP	N/A	N/A	X-6002	Boiler System (Currently in X-3002) (Not in FIMS)	N/A
ACP	ACP	N/A	N/A	N/A	X-6002A	Oil Storage Facility (gal)	80,000
OSMS	OSMS	N/A	N/A	ISS	X-6609	Raw Water Wells	N/A
OSMS	OSMS	N/A	N/A	ISS	X-6613	Sanitary Water Storage Tank (2,000,000 gal.)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-6614E	Sewage Lift Station	N/A
ACP	ACP	N/A	N/A	N/A	X-6614G	Sewage Lift Station	116
ACP	ACP	N/A	N/A	N/A	X-6614H	Sewage Lift Station	116
ACP	ACP	N/A	N/A	N/A	X-6614J	Sewage Lift Station	116
OSMS	OSMS	ISS	ISS	ISS	X-6619	Sewage Treatment Facility	1,688
OSMS	OSMS	N/A	N/A	ISS	X-6643-1	Fire Water Storage Tank 1 (1,500,000 gal.)	N/A
OSMS	OSMS	N/A	N/A	ISS	X-6643-2	Fire Water Storage Tank 2 (1,500,000 gal.)	N/A
OSMS	OSMS	OSMS	OSMS	ISS	X-6644	Fire Water Pumphouse	4,062
ACP	ACP	ACP	N/A	N/A	X-7721	Maintenance, Stores, & Training Building	136,188
OSMS	OSMS	OSMS	OSMS	N/A	X-7721	Small Area Within the Maintenance, Stores, & Training Building (Storage retrieval area and associated control room)	N/A
ACP	ACP	ACP	N/A	N/A	X-7725	Recycle / Assembly Building	827,900
ACP	ACP	ACP	N/A	N/A	X-7725A	Waste Accountability Building	29,400
ACP	ACP	ACP	N/A	N/A	X-7725B	Contractor Trailer and Laydown Area	2,400
ACP	ACP	ACP	N/A	N/A	X-7725C	Chemical Storage Building (Not in FIMS)	N/A

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
ACP	ACP	ACP	N/A	N/A	X-7726	Centrifuge Training and Test Facility	62,400
ACP	ACP	ACP	N/A	N/A	X-7727H	Transfer Corridor	69,724
ACP	ACP	N/A	N/A	N/A	X-7745R	Recycle / Assembly Storage Yard (sq yds)	18,800 sq yds
ACP	ACP	N/A	N/A	N/A	X-7745S	Fenced Area South of X-3012 (sq yds)	36,667 sq yds
ACP	ACP	N/A	N/A	N/A	X-7746 (N,S,E,W)	Cylinder Storage Yard Area (Land) (Not in FIMS)	N/A
OSMS	OSMS	N/A	OSMS	ISS	XT-104D-1	ConEx Box 1	400
OSMS	OSMS	N/A	OSMS	ISS	XT-104D-2	ConEx Box 2	400
OSMS	OSMS	N/A	OSMS	ISS	XT-152B-1	ConEx Box 1	400
OSMS	OSMS	N/A	OSMS	ISS	XT-152B-2	ConEx Box 2	400
OSMS	OSMS	N/A	OSMS	ISS	XT-152B-3	ConEx Box 3	400
D&D	D&D	N/A	N/A	ISS	XT-152F-1	ConEx Box 1	400
D&D	D&D	N/A	N/A	ISS	XT-152F-2	ConEx Box 2	400
D&D	D&D	N/A	N/A	ISS	XT-157A-1	ConEx Box	400
D&D	D&D	D&D	D&D	ISS	XT-326-1A (NW)	Break Trailer	1,344
D&D	D&D	N/A	N/A	ISS	XT-326-1A1 (NW)	Connex Break Trailer	320
D&D	D&D	N/A	N/A	ISS	XT-326-1A2 (NW)	Break Trailer	320
D&D	D&D	ISS	D&D	ISS	XT-326-1B (NW)	Office Trailer	2,160
D&D	D&D	ISS	D&D	ISS	XT-326-1C (NW)	Restroom Trailer	2,160
D&D	D&D	ISS	D&D	ISS	XT-326-1D (NW)	Office Trailer	2,160

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	ISS	D&D	ISS	XT-326-1E (NW)	Office Trailer	2,100
D&D	D&D	ISS	D&D	ISS	XT-326-1F(NW)	Break Trailer	2,160
D&D	D&D	ISS	D&D	ISS	XT-326-1C2	Shower/Locker Trailer	1,400
D&D	D&D	D&D	D&D	ISS	XT-326-1G (NW)	Office Trailer (NW side of X-326)	160
D&D	D&D	D&D	D&D	ISS	XT-326-2A(S)	Frisking Trailer/BCS (South Side of X-326)	160
D&D	D&D	D&D	D&D	ISS	XT-326-2B(s)	Radiation Protection Monitoring Trailer	320
D&D	D&D	D&D	D&D	ISS	XT-326-2C(s)	Break Trailer	320
D&D	D&D	D&D	D&D	ISS	XT-326-2D(s)	ER Storage Trailer	160
D&D	D&D	D&D	D&D	ISS	XT-326-2G (NW)	Conex PPE Trailer 40 FT	320
D&D	D&D	D&D	D&D	ISS	XT-326-2H(s)	ER PPE Packing Trailer	160
D&D	D&D	D&D	D&D	ISS	XT-326-3G (NW)	Break Trailer	320
D&D	D&D	D&D	D&D	ISS	XT-326-4G1 (NW)	Office Trailer Conex 20 FT	160
D&D	D&D	D&D	D&D	ISS	XT-326-4G2 (NW)	Office Conex	160
D&D	D&D	D&D	D&D	ISS	XT-326-5G1 (NW)	Conex Office Trailer 20 FT	160
D&D	D&D	D&D	D&D	ISS	XT-326-5G2 (NW)	Conex Storage	160

Table 7a – Portsmouth Facilities Assignment Matrix							Revision Date:
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or as Specified
D&D	D&D	D&D	D&D	ISS	XT-326-5G3 (NW)	Office Trailer	160
D&D	D&D	D&D	D&D	ISS	XT-326-CP1W	BCS	160
D&D	D&D	N/A	D&D	ISS	XT-344A-1D	Office Trailer Conex	320
D&D	D&D	N/A	D&D	ISS	XT-344A-1E	South Sealand Container	160
OSMS	OSMS	OSMS	OSMS	ISS	X-Temp Garage	Temp Garage	400
ISS	ISS	N/A	N/A	ISS	N/A	North East Bypass Road - paved asphalt (Not in FIMS)	N/A
D&D	D&D	N/A	N/A	ISS	H-1	Old Firing Range Shed	N/A
D&D	D&D	N/A	N/A	ISS	I	Peter Kiewit Powder Magazine (Not in FIMS)	N/A
ISS	ISS	N/A	N/A	ISS	K	Miscellaneous Parking Areas and Driveways (Not in FIMS)	N/A
GENERAL NOTE: The ISS Contractor provides snow and ice removal/abatement for all assigned roads, lots, and sidewalks up to and including facility walkways and steps for OSMS, D&D and ISS contractor assigned buildings/facilities. Ground services and snow removal services from ISS are excluded from active construction areas (e.g.; the OSWDF footprint, demolition boundaries, and excavation boundaries).							
NOTE 1: Demarcations will be provided in a separate document.							

NOTE: THE FUNCTION OR USE OF A FACILITY CANNOT BE CHANGED WITHOUT WRITTEN DOE APPROVAL.

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
ISS	ISS	N/A	N/A	ISS	C030285	Perimeter Fence	30,800 ft.	N/A	N/A
D&R	N/A	N/A	N/A	N/A	C-102-T02	Trailer - Office	1,800	1,520	128 (2)
ISS	ISS	ISS	ISS	ISS	C-103	Building - DOE Office and Annex	10,648	10,377	322 (4)
ISS	ISS	N/A	N/A	ISS	C-103-C	Concrete Pad and Canopy	400	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-103-EV	Electric Vehicle Charging Station	1,440	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-103-PL	Parking Area (C-103) Concrete and New Asphalt 2018	45,835	N/A	N/A
ISS	ISS	ISS	ISS	ISS	C-104	Access Control Facility	2,912	1449	121 (2)
ISS	ISS	N/A	N/A	ISS	C-104 Parking Areas	C-104 N. and S. Parking Lots	4,444	N/A	N/A
ISS	ISS	ISS	ISS	ISS	C-106	Building – Shredder Facility	750	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-1200	Parking Lot	31,450	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-1210	Vehicle Bridge	33 ft.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-1212	West Parking Area	Not Available	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-1212-EV	Electric Vehicle Charging Station	1,440	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-1900	Railroad Spur	1.46 Miles	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-1910	Southeast Railroad Bridge	42 ft.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-1920	Southwest Railroad Bridge	42 ft.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-1930	Big Bayou Creek Railroad Bridge (OSMS)	57 ft.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-210 Parking Area	C-210 East and South Parking Lots	Not Available	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-213	Hobbs Road Access Point	N/A	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-222	Security Complex Parking Lot	5,394 sq. yd.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-225-A	Gravel Parking Area West of C-755-P	18,875	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
ISS	ISS	ISS	ISS	ISS	C-304**	Building - Office Building (see Note 2 Below)	8,000	4,086	256 (2)
ISS	ISS	ISS	ISS	ISS	C-304 Annex	Building Office Building Annex	7,945	7,000	672 (4)
ISS	ISS	N/A	N/A	ISS	C-331-C	Gravel Parking/Staging Area	13,350	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-612-A PAD	Concrete Pad	4,300 sq. yd.	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-612-B1	Above Ground Storm Shelter	160 sq. ft.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-614-FENCE	Fence	516 ft.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-720-N1	Railroad Classification Yard	N/A	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-725	Building – Janitorial Storage	410	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-730-A1	Above Ground Storm Shelter	160	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-730-C	Gravel Parking Area (East)	5,220 sq. yd.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-730-D	Gravel Parking Area (West)	7,531.111 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-732-SLAB	Concrete Slab left from demolished Maintenance Materials Storage	1,680	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-734	Salt Storage Structure	5,360	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-743-B1	Above Ground Storm Shelter	160	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-743-C1	Above Ground Storm Shelter	160	N/A	N/A
ISS	ISS	ISS	ISS	ISS	C-743-T14	Trailer - Office	1,600	1,377	216 (2)
ISS	ISS	N/A	ISS	ISS	C-746-U13A	Above Ground Storm Shelter	64.5 sq. ft.	N/A	360 (1)
ISS	ISS	N/A	N/A	ISS	C-746-U-Fence	Landfill Fence	8,380 ft.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-747-FENCE	Fence	2124 ft.	N/A	N/A
ISS	ISS	ISS	ISS	ISS	C-750	Building	11.866	285	358 (2)
ISS	ISS	N/A	N/A	ISS	C-752-B	Fuel Station	467 cu. ft.	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-752-B-T01	Fuel Station Trailer	96	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-752-EV	Electric Vehicle Charging Station	1,440	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
ISS	ISS	N/A	N/A	ISS	C-755	C-755 Construction Trailer Complex	28,463 sq. yd.	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-755-A	Maintenance Shop	3,360	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-A1	Car Port, Brine Shelter	108	N/A	N/A
ISS	ISS	ISS	ISS	ISS	C-755-B	Building-Change House	2,400	N/A	1,603 (2)
ISS	ISS	N/A	ISS	ISS	C-755-C	Building-Storage	600	600	N/A
ISS	ISS	N/A	N/A	ISS	C-755-D	Electrical Storage	100	100	N/A
ISS	ISS	N/A	ISS	ISS	C-755-E1	Above Ground Storm Shelter	160	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-755-F1	Above Ground Storm Shelter	160	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-FENCE	Fence	2,264 ft.	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-755-G1	Above Ground Storm Shelter	160	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-755-H1	Above Ground Storm Shelter	160	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-J	Sealand Storage Container	160	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-K	Sealand Storage Container	160	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-L	Sealand Storage Container	160	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-M	Wooden Storage Shed	128	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-M1	Wooden Utility Shed	64	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-M2	Wooden Storage Shed	64	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-M3	Wooden Storage Shed	80	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-M4	Shed	352	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-P	Gravel Parking Lot	4,380 sq. yd.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-P1	Wooden Storage Shed	600	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-P2	Wooden Storage Shed	600	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-Q	Sealand Storage Container	160	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-S	Sealand Storage Container	320	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
ISS	ISS	N/A	N/A	ISS	C-755-T	Wooden Storage Shed	490	N/A	N/A
ISS	ISS	ISS	ISS	ISS	C-755-T08B	Shower and Change Trailer (formerly C-755-T17)	840	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-T13	Sealand Storage Trailer	N/A	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-T14	Sealand Storage Trailer	Not Available	N/A	N/A
ISS	ISS	ISS	ISS	ISS	C-755-T17A	Trailer Shower/Change (Formerly C-745-C-T04)	1,440	N/A	720 (2)
ISS	ISS	ISS	ISS	ISS	C-755-T19	Trailer – Office/Break	2,160	1872	288
ISS	ISS	ISS	ISS	ISS	C-755-T20	Trailer – Office/Break	1,584	1012	72 (2)
OSMS	OSMS	OSMS	OSMS	ISS	C-755-T22A	Trailer – Office/Break	1,440	897	N/A
ISS	ISS	ISS	ISS	ISS	C-755-T23	Trailer, Office/Training	1,800	1,410	N/A
ISS	ISS	ISS	ISS	ISS	C-755-T26	Trailer – Break	1440	1080	112 (2)
ISS	ISS	ISS	ISS	ISS	C-755-T27	Trailer – Office	1440	1200	112 (2)
ISS	ISS	ISS	ISS	ISS	C-755-T28	Trailer – Office	1440	1200	112 (2)
D&R	D&R	N/A	ISS	ISS	C-755-T29	Storage Shed	80	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-755-T30	Storage Shed	80	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-U	Metal Carports - Equipment (8)	280 sq. yd.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-V	Building - Maintenance Materials Storage Building (Salt)	1,680	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-755-X	Storage Shed	160	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-755-Y	Sealand Storage Container	160	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-764-A	Gravel Parking Lot	6,899.8 sq. yd.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-770	Staging Area (formerly Vortec)	193,612 sq. yd.	N/A	N/A
N/A	N/A	N/A	N/A	N/A	C-800-Slab	Concrete Slab left – (former Motorcycle Shelter) (REMOVED)	180 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-802	Meteorological Tower	197 height ft.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-802A	Building – Meteorological Comm.	168	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
ISS	ISS	N/A	N/A	ISS	C-810	Parking Area (C-100) Asphalt	25,056 sq. yd.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C-811	Parking Area (C-720) Asphalt	20,117 sq. yd.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	C900057 (BRIDGE 1)	South Acid Road Bridge	110 ft.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-AREA	Railroads (inside CAA)	7.270 Miles	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-RR	Railroad Tracks 1&2 Outside CAA	4.7 Miles	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-RR-T	Railroad Trestle Outside CAA	87 ft.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	CY-Fence	Cylinder Yard Fence	5,118 ft.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	Low Water Crossing	Rice Springs Low Water Crossing	15 ft.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	Roads "Gravel"	Roads Gravel	24.07 mi.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	Roads Paved	Asphalt/Concrete	33.84 mi.	N/A	N/A
ISS	ISS	N/A	N/A	ISS	Water Works Bridge	Water Works Road Bridge	54.5 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	Ambient Air Monitors	Ambient Air Monitors (9 separate in FIMS)	Reference Environ. Monitoring Plan	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-100	Building Administration	67,546	45,895	2,392 (9)
D&R	D&R	ISS	ISS	ISS	C-101	Building - Cafeteria	18,326	1,429	682 (2)
D&R	D&R	ISS	ISS	ISS	C-102	Building - Hospital	11,666	7,288	915 (2)
D&R	D&R	ISS	ISS	ISS	C-102-T05	Trailer - Office	1,440	1,386	128 (2)
OSMS	OSMS	OSMS	OSMS	ISS	C-200	Building - Guard and Fire Headquarters	19,490	6,129	3,277 (4)
D&R	D&R	ISS	ISS	ISS	C-200-A	Annex Trailer	1,152	1,408	56 (1)
OSMS	OSMS	N/A	OSMS	ISS	C-200-C-T01	Shed, Storage	320 Sq. Ft.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-200-C-T02	Shed, Storage	100 Sq. Ft.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-200-C-T03	Equipment Storage (carport)	177,800	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
OSMS	OSMS	N/A	N/A	ISS	C-200-C-T04	Equipment Storage (carport)	28	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-201	Building – Emergency Equipment Storage	864	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-202	Building - Guard Training	3,446	576	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-203	Building - Emergency Vehicle Shelter	1,800	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-204	Building - Disintegrator	192	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-205	Building - Respirator Issue Bldg.	3,600	720	1
OSMS	OSMS	N/A	N/A	ISS	C-206	Pumper Drafting Pit	N/A	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-207	Building - Fire Training Facility	900	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-207-T01	Equipment Storage (carport)	N/A	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-208	Firing Range	5,730	N/A	168 (2)
OSMS	OSMS	OSMS	OSMS	ISS	C-209	Proforce Building			
ISS	ISS	ISS	ISS	ISS	C-210	Security Management Office Building	6,317	3,550	360 (2)
OSMS	OSMS	OSMS	OSMS	ISS	C-211	Security Training Facility	4,940	1,060	156 (2)
OSMS	OSMS	OSMS	OSMS	ISS	C-105	Emergency Operations Center	3,560	1,554	409 (2)
OSMS	D&R	N/A	N/A	ISS	C-215-M	Security IMAC Portal (CA09040)	N/A	N/A	N/A
OSMS	D&R	N/A	N/A	ISS	C-216-M	Security IMAC Portal (CA09042)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-218	Range – Out of Service (SWMU 181)	40,000	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-220-A	Power Distribution System	N/A	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-221	Security Complex Running Track	299 linear feet (1/8 mile track)	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-224	Building - Post 15	1,600	1,631	49 (1)
OSMS	OSMS	OSMS	OSMS	ISS	C-225	Building - Post 48	1,600	1,549	49 (1)
OSMS	OSMS	N/A	N/A	ISS	C-230-A	Sanitary Water Distribution System (see Note 1 Below)	75,900 ft.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-230-B	Sanitary Sewer System (see Note 2 Below)	31,200 ft.	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-230-C	Storm Sewer System (see Note 3 Below)	N/A	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-230-D	Chilled Water System (see Note 4 Below)	7,146 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-230-E	Plant (Process) Water System (Inactive)	29,200 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-230-F	Process Recirculating Water System (Inactive)	19,658 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-230-G	Recirculating Cooling Water System (Inactive)	39,980 ft.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-230-H	High Pressure Fire Water System (see Note 5 Below)	68,809 ft.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-230-J	Process Waste Heat Utilization System (see Note 6 Below)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-232-A	Nitrogen System (Inactive)	15,304 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-232-B	Compressed Air System (see Note 7 Below)	25,249 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-232-C	Acetylene/Oxygen System (Inactive)	2,432 ft.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-232-D	Steam Distribution System (see Note 8 Below)	19,155 ft.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-232-E	Natural Gas System	6,522 ft.	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-233	Office Trailer/Guard House	650	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-300	Building - Central Control	16,022	2,272	216 (2)
D&R	D&R	N/A	N/A	ISS	C-300-531	Instrumentation Tunnel	2,033 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-300-533	Instrumentation Tunnel	1,471 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-300-535	Instrumentation Tunnel	1,933 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-300-537	Instrumentation Tunnel	1,121 ft.	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-301 SLAB	Concrete Slab left from demolished Fire Training Building (Former)	2,640	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-302	Building - Operations Division Data Center	7,366	6,494	189 (2)
OSMS	OSMS	N/A	OSMS	ISS	C-303	Building - Supervisory Control and Data Acquisition	2,109	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-310	Building - Purge and Product Building	112,240	2,418	306 (2)

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-310-331-A	Bridge (Enclosed)	200 ft.	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-310-331-B	Tie Line	1,025 ft.	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-310-A	Building - Product Withdrawal Building	3,276	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-310-C	Truck Scale	Not Available	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-315	Building - Surge and Waste Building	16,040	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-315-331	Tie Line	1,025 ft.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-320	Building - Communication Building	1,116	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-331	Building - Process Building	1,029,120	1,289	1,480 (4)
D&R	D&R	N/A	N/A	ISS	C-331-333-A	Bridge (Enclosed - 300ft)	300 ft.	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-331-333-B	Tie Line (East)	2,030 ft.	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-331-333-C	Tie Line (West)	2,610 ft.	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-331-335	Tie Line	6,845 ft.	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-331-410	Tie Line	882 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-331-A	Yard Contractor Staging Area West	11,333 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-331-B	Yard Contractor Staging Area East	5,044 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-331-B1	Equipment Storage (carport)	69.33 cu. ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-331-T04	Office/Break Room Trailer (Col. DD-30)	240	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-331-T05	HP Office/Cool Shack (Metal bldg. at col H- 8 ground floor)	96	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-331-T08	IM Shop (Metal Building Col. L-24)	72	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-331-T09	IM Shop (Metal Building Col. H-19)	384	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-333	Building - Process Building	2,130,120	1,463	2,166 (5)
D&R	D&R	ISS	ISS	ISS	C-333-T10	Trailer - Meeting/Office	575	575	0
D&R	D&R	ISS	ISS	ISS	C-333-T11	Trailer - Meeting/Office	575	575	0
D&R	D&R	ISS	ISS	ISS	C-333-T12	Trailer - Break	575	575	0

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	ISS	ISS	ISS	C-333-T13	Trailer – Shower & Change	1734	0	1734
D&R	D&R	ISS	ISS	ISS	C-333-T13A	Sealand Water Shed (Leased)	160	0	0
D&R	D&R	ISS	ISS	ISS	C-333-T14	Trailer – Equipment Storage	1,440	1,440	0
D&R	D&R	ISS	ISS	ISS	C-333-T15	Trailer – Equipment Storage	160	160	0
D&R	D&R	ISS	ISS	ISS	C-333-T16	Trailer – Office/Break	550	550	0
D&R	D&R	ISS	ISS	ISS	C-333-T17	Trailer – Office/Break	1,150	1,150	0
D&R	D&R	N/A	N/A	ISS	C-333-A	Building - Feed Vaporization Facility	8,305	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-333-TB	Sealand, Storage	160	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-335	Building - Process Building	1,029,120	1,526	1,703 (4)
D&R	D&R	N/A	N/A	ISS	C-335-337-A	Bridge (Enclosed)	200 ft.	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-335-337-B	Tie Line (North)	690 ft.	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-335-337-C	Tie Line (South)	805 ft.	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-335-T01	Metal Building Inside Col. DD-9	77	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-335-T02	Metal Building Inside Col. CC-11	77	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-335-T03	Metal Building Inside at Col. CC-2	1,000	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-335-T04	Metal Building Inside Col. F-19	72	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-335-T05	Metal Building Inside Col. U-20	312	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-337	Building - Process Building	2,130,120	1,675	1,412 (5)
D&R	D&R	N/A	N/A	ISS	C-337-A	Building - Feed Vaporization Facility	8,556	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-337-T03	Metal Building Inside at Col. Nb-8	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-340-Slabs	Gravel & Slabs left from building D&D (square footage includes -A, -B, -C, -D and -E)	63,110	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-342-SLABS	Concrete slab left from D&D of tank area (square footage includes -A and -B)	2,610	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-350	Building - Drying Agent Storage	1,570	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	INF	C-350-A	Emergency Shower	1,570	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-360	Building - Toll Transfer and Sampling	17,800	1,276	485(2)
D&R	D&R	N/A	N/A	ISS	C-360-A	Building	8,200	160	N/A
D&R	D&R	N/A	N/A	ISS	C-372	Monitoring Wells	N/A	N/A	N/A
D&R/OSMS	D&R	N/A	N/A	ISS	C-375-04	C-615 Secondary Basin EF. (SWMU 63) (OSMS and D&R Co-Permittees) (KPDES 004)	N/A	N/A	N/A
D&R/OSMS	D&R	N/A	N/A	ISS	C-375-06	C-611 No. 2 Lagoon (SWMU 22) (KPDES 006) (OSMS and D&R Co-Permittees)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-375-16	Outfall(KPDES 016)	N/A	N/A	N/A
D&R/OSMS	D&R	N/A	N/A	ISS	C-375-17	Outfall (OSMS and D&R Co-Permittees) (KPDES 017)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-375-19	Outfall (KPDES 019)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-375-20	Outfall (KPDES 020)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-375-E2	Outfall (SWMU 60) (KPDES 002)	N/A	N/A	N/A
D&R/OSMS	D&R	N/A	N/A	ISS	C-375-E3	Outfall (SWMU 66) (KPDES 010) (OSMS and D&R Co-Permittees)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-375-E4	Outfall (SWMU 67) (KPDES 011)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-375-E5	Outfall (SWMU 168) (KPDES 012)	N/A	N/A	N/A
D&R/OSMS	D&R	N/A	N/A	ISS	C-375-E6	Outfall (SWMU 61) (OSMS and D&R Co-Permittees) (KPDES 013)	N/A	N/A	N/A
D&R	N/A	N/A	N/A	N/A	C-375-N1	Outfall 003 (Inactive/Capped)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-375-S6	Outfall (SWMU 62) (KPDES 009)	N/A	N/A	N/A
D&R/OSMS	D&R	N/A	N/A	ISS	C-375-W7	Outfall (SWMU 63) (OSMS and D&R Co-Permittees) (KPDES 008)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-375-W8	Outfall (SWMU 68) (KPDES-015)	N/A	N/A	N/A
D&R/OSMS	D&R	N/A	N/A	ISS	C-375-W9	Outfall 001 - Oil Control Dam (SWMU 69) (KPDES-001) (OSMS and D&R Co-Permittees)	N/A	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-400	Building - Cleaning Building	116,140	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-400-L	Lift Station - Storm Water Lift Station	1,600 GPM	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-400-T01	Trailer/Office (RELOCATED FOR REUSE)	360	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-402-SLAB	Slab only - from Lime house Demolition	1,760	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-403	Pit - Neutralizing Pit	8,260 cu. ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-404	Burial ground - Closed Hazardous Landfill (SWMU 3)	53,200 cu. ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-404-A	Sump - Leachate Collection (SWMU 3)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-405-SLAB	Incinerator Building Slab only	1,070	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-409	Building - Stabilization Building	26,797	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-409-Annex	Building – Large Item Neutron Assay System (LINAS) Facility	4,900	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-409-T01	Equipment Storage (carport)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-410/411/420 SLAB	Concrete slab (includes C-410, C-410-A, -B, -C, -F, -G, -H, -I, -J, C-411, C-420)	Not Available	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-410-D	Building - Fluorine Storage Building	1,526	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-410-E	Concrete left - Acid Neutralization Pond (former)	12,232 cu. ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-410-K	Fluorine Building	1,500	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-410-L	Quonset Hut - Storage	846	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-411-A	Staging Area	1622	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-411-T01	Equipment Storage (carport)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-412	C-412 Trailer Complex	7,260 sq. yd.	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-412-A	Above Ground Storm Shelter (CA05190)	400	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-412-B	Above Ground Storm Shelter (CA05191)	400	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-412-C	Above Ground Storm Shelter (CA05192)	400	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-412-D	Above Ground Storm Shelter (CA05193)	400	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-412-ES	C-412 Electrical System	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-412-R	Sealand Storage Container	Not Available	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-412-S	Sealand Storage Container	Not Available	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-412-T01	Trailer - Office	1,440	1,314	63 (1)
D&R	D&R	ISS	ISS	ISS	C-412-T02	Trailer - Office	1,440	1,314	126 (2)
D&R	D&R	ISS	ISS	ISS	C-412-T03	Trailer - Office	1,440	1,266	126 (2)
D&R	D&R	ISS	ISS	ISS	C-412-T04	Trailer - Office	1,440	1,214	126 (2)
D&R	D&R	ISS	ISS	ISS	C-412-T05	Trailer - Office	1,440	1,214	126 (2)
D&R	D&R	N/A	N/A	ISS	C-412-T07	Trailer - Shower & Change	1,440	N/A	1,440 (2)
D&R	D&R	ISS	ISS	ISS	C-412-T08	Trailer - Office	1,440	1,214	126 (2)
D&R	D&R	ISS	ISS	ISS	C-412-T09	Trailer - Office	1,440	1,214	126 (2)
D&R	D&R	ISS	ISS	ISS	C-412-T11-A	Trailer - Shower & Change	1,440	N/A	1,440 (2)
D&R	D&R	ISS	ISS	ISS	C-412-T12	Trailer - Shower & Change	1,440	N/A	1,440 (2)
D&R	D&R	ISS	ISS	ISS	C-412-T13	Trailer - Office	1,440	1,314	126 (2)
D&R	D&R	ISS	ISS	ISS	C-412-T14	Trailer - Office/Break	1,440	1,207	126 (2)
D&R	D&R	ISS	ISS	ISS	C-412-T15	Trailer - Office	3,008	3008	0
D&R	D&R	ISS	ISS	ISS	C-412-T16	Trailer - Break	3,008	3008	0
D&R	D&R	ISS	ISS	ISS	C-412-T17	Trailer - Break	3,008	3008	0
D&R	D&R	N/A	ISS	ISS	C-412-T19	Storage Shed	80	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-412-T20	Shower Trailer	1440	N/A	1440 (2)
D&R	D&R	N/A	N/A	ISS	C-412-WS	C-412 Water Piping System	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-415	Building - Feed Plant Storage	3,672	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-415-T01	Sealand Storage Container	160	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-416	Pad - Equipment Cleaning Pad	314 sq. yd.	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-416-T01	Sealand Storage Container	320	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-417	Pad - Equipment Cleaning Pad/Staging Area	N/A	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-531-1	Building - Switch House (Sumps Pumps Active)	31,400	0	72 (1)
D&R	D&R	N/A	N/A	ISS	C-531-2	Switchyard (Inactive)	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-531-3A	Building - Fire Valve House (Inactive)	144	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-531-3B	Building - Fire Valve House (Inactive)	144	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-532	Building - Relay House	7,784	1,579	311 (2)
D&R	D&R	N/A	ISS	ISS	C-533-1	Building - Switch House	37,360	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-533-2	Switchyard	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-533-3A	Building - Fire Valve House No. 1	144	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-533-3B	Building - Fire Valve House No. 2	144	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-533-3C	Building - Fire Valve House No. 3	144	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-533-3D	Building - Fire Valve House No. 4	144	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-535-1	Building - Switch House	28,000	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-535-2	Switchyard	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-535-3A	Building - Fire Valve House No. 1	144	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-535-3B	Building - Fire Valve House No. 2	144	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-535-4	Building - Test Shop (Maintenance Office)	480	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-536	Building - Relay House	7,784	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-537-1	Building - Switch House	42,140	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-537-2	Switchyard	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-537-3A	Building - Fire Valve House No. 1	144	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-537-3B	Building - Fire Valve House No. 2	144	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-537-3C	Building - Fire Valve House No. 3	144	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	ISS	ISS	C-537-3D	Building - Fire Valve House No. 4	144	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-537-4	Building - Test Shop	480	N/A	N/A
OSMS	OSMS	N/A	N/A	N/A	C-538	TVA Substation (see Note 10 Below)	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-540-A	Building - Oil Pump House	312	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-540-B	Oil Storage Tank (Northwest)	15,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-540-C	Oil Storage Tank (Southwest)	15,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-540-D	Oil Storage Tank (Northeast)	7,500 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-540-E	OSF - Oil Storage Tank (Southeast)	15,000 gal.	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-541-A	Building - Oil Pump House	312	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-541-B	Oil Storage Tank (Northwest)	15,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-541-C	Oil Storage Tank (Southwest)	15,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-541-D	Oil Storage Tank (Northeast)	15,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-541-E	Oil Storage Tank (Southeast)	15,000 gal.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-600	Building - Steam Plant	47,424	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-600-1	New Cooling Tower Next to C-604		N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-600-A	Steam Package Boilers PB-01 and PB-05	2 units	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-600-A	Package Boiler Pad	N/A	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-600-T01	Equipment Storage (carport)	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-601	Building - Nitrogen Generator Building Addition	2,250	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-601-A	Steam Plant Fuel Storage Tank (Center)	420,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-601-B	Steam Plant Fuel Storage Tank (South)	420,000 gal.	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-601-C	Building – Fuel Oil Pump house	148	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-602	Coal Storage Yard	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-603-A	Slab	40	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-603-H	Slab	128	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-604	Building - Utilities Maintenance Building	2,400	140	270 (1)
OSMS	OSMS	N/A	OSMS	ISS	C-604-A	Utilities Storage Building	290	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-605	Building - Substation Building	1,200	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-606	Building - Coal Crusher Building	1,470	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-607	Building - Emergency Air Compressor Generator Building	2,000	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611	Water Treatment Complex	15 acres	N/A	N/A
D&R	N/A	N/A	N/A	ISS	C-611-A	Building - Building and Shop Storage (demolished – slab remaining)	504	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-611-A1	Building – Activated Carbon Storage	1600	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-611-B	Building - Head House	1,215	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-611-B1	Building - Polymer Feed System Enclosure	285	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-C	Flocculator Basin	1,000,000 gal.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-F1	Secondary Coagulation Basin	7,000,000 gal.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-611-F2	Building - Chemical Feed	589	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-611-F3	Building - Activated Carbon Feed	168	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-611-H	Building - Filter Building and Pump Station	13,067	N/A	21 (1)
OSMS	OSMS	N/A	N/A	ISS	C-611-I	Clear Well	500,000 gal.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-611-J	Pump House (Settled Water/Part of C-611-H Building)	N/A	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-K	Lagoon No. 4	942,480 gal.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-O	Sanitary Water Storage Tank	250,000 gal.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-611-P	Building - Pump House	902	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-611-S	Building – CL2 Storage and Feed	1,120	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-SB	Settling Basins – Four (C-611-D, E, F, & G)	12,000,000 gal.	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	ISS	ISS	C-611-T	Booster Pump Station Plant Water	120 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-T02	Equipment Storage (carport)	Not Available	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-U	Softening Facility (West)	1,174,000 gal.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-V	Sludge Lagoon	74,000 gal.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-V1	Sludge Lagoon	143,000 gal.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-W	Sludge Lagoon	23,000 gal.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-X	Softening Facility (East)	908,000 gal.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-Y	Recycle Lagoon	196,000 gal	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-611-Z	Flocculator Basin	1,000,000 GPD	N/A	N/A
D&R	D&R	ISS	N/A	ISS	C-612	Pilot Pump and Treat	4,480	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-612 -T05 - T08	Sealand Storage Containers	640	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-612 -T09 - T12	Sealand Storage Containers	1,280	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-612-SSS	C-612 Sanitary Sewer Systems (Inactive)	1,750 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-612-SYS	Northwest Plume Groundwater System	220 GPM	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-612-T04	Wooden Storage Building	24	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-613	Basin - Scrap Yard Sedimentation	4,560,000 gal.	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-613-01	Pump Station	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-613-02	Pump Station	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-613-A	Trailer - Sedimentation Basin Process	539	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-613-B	Soil Borrow Stockpile	Not Available	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-613-DITCH	Water Conveyance System to C-613	2,875 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-614	Treatment System - Northeast Plume	263 GPM	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-614-A	Pad - Northeast Plume	280 sq. yd.	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-614-B	Well - Northeast Plume Extraction Well 331/w EQ	150 GPM	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-614-C	Well - Northeast Plume Extraction Well 332 w/EQ	110 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-A	Primary Settling Tank/Catch Basin	21,360 gal.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-B	Final Settling Tank/Catch Basin	17,600 gal.	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-615-C	Sewage Plant Monitoring Building	1,308	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-C1	Sodium Hypochlorite Conversion Chemical	144	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-D	Digester	500,000 GPD	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-E	Trickling Filter	160,000 GPD	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-F	Tricking Filter Dry Beds	6,985 cu. ft.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-G	Sewage Lift Station	300 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-H	Sewage Lift Station	125 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-H1	Sewage Lift Station – Not in Service	300 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-H2	Sewage Lift Station – Not in Service	300 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-H3	Sewage Lift Station	300 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-H5	Sewage Lift Station	300 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-H8	Sewage Lift Station	300 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-H10	Sewage Lift Station	34 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-H11	Sewage Lift Station	32 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-615-H12	Sewage Lift Station	14 GPM	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-615-K	East/West Ditch (Former Chromate) Lift Station	1,000 GPM	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-615-M	Oil Control Structure – Not in Service	1,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-615-N	Oil Containment Lagoon	104,720 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-616-B	Clarifier (East)	675,000 gal	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-616-C	Lift Station	5,000 GPM	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-616-D	Sludge Vault and Valve Pit	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-616-E	Sludge Lagoon – Not in Service	1,436,000 cu. ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-616-F	Full Flow Lagoon	23,749,000 gal.	N/A	N/A
D&R	N/A	N/A	N/A	N/A	C-616-G	Tank Farm (Partial Removal/Two Tanks removed and two remain [H1 and H2]) - Stands Remain	6,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-616-H1	Ferrous Sulfate Storage Tank (East)	21,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-616-H2	Ferrous Sulfate Storage Tank (West)	21,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-616-J	Reduction Tank (E) – Not in Service	15,000 gal.	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-616-K	Building – Chemical Feed Storage	420	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-616-L	Building – Effluent Control Vault	96	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-616-M	Clarifier (West) – Not in Service	675,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-616-N	Reduction Tank (W) – Not in Service	15,000 gal.	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-616-P	Sludge Vault and Valve Pit	N/A	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-616-Q	Fly ash Settling Lagoon	388,960 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-616-Sump	Sump	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-617-A	Building - Effluent Control Station	256	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-617-B	Effluent Control Lagoon	218,000 gal.	N/A	N/A
D&R/OSMS	D&R	N/A	N/A	ISS	C-617-C	Outfall 013 Wetland & Pond (OSMS and D&R Co-Permittees)	60,000 gal.	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-620	Building – Air Plant	10,000	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-631-1	Building – Pump House	9,700	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-631-2	Cooling Tower	110,700 tons	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-631-3	Pump House (Firewater)	1,196	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-631-4	Blending Pump House – Not in Service	1,540	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-631-5	Blending Cooling Tower (West) – Not in Service	29,512 tons	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-631-6	Blending Cooling Tower (East) – Not in Service	14,756 tons	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-631-A	Handicap Accessible Above Ground Storm Shelter		N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-631-B	Above Ground Storm Shelter		N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-631-C	Above Ground Storm Shelter		N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-631-D	Above Ground Storm Shelter		N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-631-T17	Trailer – Shower and Change	1,734	0	1,734 (6)
D&R	D&R	ISS	ISS	ISS	C-631-T18	Trailer – Shower and Change	2,380	0	793 (2)
D&R	D&R	ISS	ISS	ISS	C-631-T19	Trailer – Shower and Change	2,380	0	793 (2)
D&R	D&R	ISS	ISS	ISS	C-631-T20	Trailer – Breakroom	3,008	0	0
D&R	D&R	ISS	ISS	ISS	C-631-T21	Trailer – Breakroom	3,008	0	0
D&R	D&R	ISS	ISS	ISS	C-631-T22	Trailer – Office	2,624	2532	92 (1)
D&R	D&R	ISS	ISS	ISS	C-631-T23	Trailer – Office	1,440	1,440	0
D&R	D&R	ISS	ISS	ISS	C-631-T24	Trailer – Office	1,440	1,440	0
D&R	D&R	ISS	ISS	ISS	C-631-T25	Trailer – Office	1,440	1,440	0
D&R	D&R	ISS	ISS	ISS	C-631-T26	Trailer – Breakroom	3,072	0	60 (1)
D&R	D&R	N/A	ISS	ISS	C-633-1	Pump House – Not in Service	10,245	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-633-2A	Cooling Tower (South) – Not in Service	110,700 tons	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-633-2B	Cooling Tower (North) – Not in Service	110,700 tons	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-633-3	Blending Pump House – Not in Service	1,984	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-633-4	Blending Cooling Tower (North) – Not in Service	44,213 tons	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-633-5	Blending Cooling Tower (South) – Not in Service	44,213 tons	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-633-6	Building - Sand Filter Building – Not in Service	260	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-635-1	Building - Blending Pump House – Not in Service	8,505	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-635-2	Blending Cooling Tower (North) – Not in Service	110,700 tons	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	ISS	ISS	C-635-3	Building - Blending Pump House – Not in Service	1,984	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-635-4	Blending Cooling Tower (North) – Not in Service	28,775 tons	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-635-5	Blending Cooling Tower (South) – Not in Service	28,775 tons	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-635-6	Building - Recirculating Heat Utilization Pump House	2,556	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-637-1	Building - Pump House – Not in Service	10,245	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-637-2A	Cooling Tower (South) – Not in Service	110,700 tons	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-637-2B	Cooling Tower (North) – Not in Service	110,700 tons	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-637-3	Building - Blending Pump House – Not in Service	2,084	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-637-4	Blending Cooling Tower (North) – Not in Service	33,202 tons	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-637-5	Blending Cooling Tower (South) – Not in Service	33,202 tons	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-637-6	Sand Filter Building – Not in Service	260	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-709	Building - Plant Laboratory Annex	13,500	N/A	416 (2)
D&R	D&R	N/A	ISS	ISS	C-709-A	Acid Neutralization Vault	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-710	Building - Technical Services Building	84,333	15,862	2,057 (4)
D&R	D&R	N/A	ISS	ISS	C-710-A SLAB	Concrete Slab left from demolished Building - Gas Cylinder Storage Building	400	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-711 SLAB	Concrete Slab left from demolished Building - Gas Manifold	962	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-712	Acid Neutralization Pit	1,133.35 cu. ft.	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-720	Building - Maintenance and Stores Building	299,944	22,705	4,411(10)
D&R	D&R	N/A	ISS	ISS	C-720-A	Building - Compressor Shop	1,600	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-720-B	Building - Machine Shop Addition	1,700	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-720-C	Building - Converter Shop Addition	28,134	300	72 (1)
D&R	D&R	N/A	ISS	ISS	C-720-C1	Building - Paint Shop	5,120	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-720-D	Building – Transformer Building	400	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	ISS	ISS	ISS	C-720-E	Building – Change House Addition	3,467	N/A	3,154 (1)
D&R	D&R	N/A	ISS	ISS	C-720-G	Building - Warehouse	10,800	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-720-G1	Tox Room	200	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-720-G2	Tox Room	200	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-720-H	Building - Warehouse	2,400	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-720-J	Building - Air Lock	920	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-720-K	Building - Instrument Shop Addition	1,520	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-720-T08	Trailer - Mobile Office (inside C-720)	200	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-720-T09	Equipment Storage (carport)	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-721 SLAB	Concrete Slab left from demolished Building - Gas Manifold Storage	962	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-722	Acid Neutralization Pit	380 cu. ft.	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-724-A	Building - Carpenter Shop Annex	3,900	896	264 (1)
D&R	D&R	ISS	ISS	ISS	C-724-B	Building - Carpenter Shop	10,215	0	1,459 (1)
D&R	D&R	N/A	ISS	ISS	C-724-C	Building - Paint Shop	1,600	288	N/A
D&R	D&R	N/A	ISS	ISS	C-724-D	Building - Lumber Storage Building	2,880	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-726	Building - Sand Blast Building	2,019	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-727 SLAB	Concrete Slab left from demolished Building - Low Level Waste Storage	4,428	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-728	Building - Motor Cleaning Building	1,597	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-730	Building - Maintenance Services	1,057	220	15 (1)
D&R	D&R	ISS	ISS	ISS	C-730-T05	Trailer - Office	1,560	1,447	113 (2)
D&R	D&R	ISS	ISS	ISS	C-730-T06	Trailer - Office	1,560	1447	113 (2)
D&R	D&R	N/A	ISS	ISS	C-731	Building - Railroad Repair Equipment Storage Building	1,280	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-733	Building - Waste Oil and Chemical Storage Facility	4,224	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-740	Material Yard	30,205 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-740-A	Semi-Trailer Unloading Facility	1,000	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-740-B	Building - Oil Drum Storage Shelter	2,800	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-741	Building - Mobile Equipment Shed	5,360	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-742 SLAB	Concrete Slab left from demolished Building - Cylinder Storage Shed	2,745	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-743-SLAB	Building - Office-slab only	9,973	8,086	614 (2)
OSMS	OSMS	N/A	N/A	ISS	C-743 Comp	Trailer Complex	7,400 sq. yd.	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-743-T01	Trailer - Office	1,415	1,267	90 (2)
OSMS	OSMS	OSMS	OSMS	ISS	C-743-T02	Trailer - Office	1,415	1,267	90 (2)
OSMS	OSMS	OSMS	OSMS	ISS	C-743-T15	Trailer - Office	1,600	1400	200 (2)
OSMS	OSMS	OSMS	OSMS	ISS	C-743-T16	Trailer - Office	1,360	1485	108 (2)
D&R	D&R	ISS	ISS	ISS	C-744	Building - Lubrication Building	6,400	206	356 (2)
D&R	D&R	N/A	N/A	ISS	C-745-A1	Chemical Storage Yard	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-745-A-SW	Yard	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-745-C	Trailers (Cylinder Yard Storage with Trailers)	47,378 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-745-H	Cylinder Storage Yard	42,331 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-745-J	Radioactive Material Storage Area	2,956 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-745-X	Equipment Storage Pad	Not Available	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-745-Y	Equipment Storage Yard	1,900 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-745-Z	Equipment Storage Yard	1,916 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-745-Z1	Equipment Storage Yard	2,342 sq. yd.	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-746-A SLAB	Concrete Slab left from demolished North Warehouse	42,000	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-746-A SLABS	Slabs from D&D East/West Ends	29,600 sq. ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-B SLAB	Concrete Slab	72,000 sq. ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-B1	Staging Area	6,000 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-C	Clean Scrap Yard North	15,333 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-C1	Clean Scrap Yard South	21,093 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-D	Equipment Storage Yard	6,757 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-E	Contaminated Scrap Yard North	15,364 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-E1	Contaminated Scrap Yard South	12,580 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-F	Classified Scrap Burial Yard (SWMU 5)	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-746-G	Building - Electrical Equipment Storage	2,400	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-H1	PEM Storage Slab	9,750 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-H2	PEM Storage Slab	10,625 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-H2-T01	Equipment Storage (carport)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-H3	PEM Storage Slab	6,239 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-H4	Nickel Ingot Storage Pad	5,422 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-K	Closed Sanitary Landfill (SWMU 8)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-M SLAB	Concrete Slab	560	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-N	Area North of C-746-A (Pad)	2,200 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-P	Scrap Metal Yard East (SWMU 13)	29,861 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-P COMP-E	C-746-P Complex Electrical (Inactive)	500,000 AMP	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-P COMP-S	C-746-P Complex Sewer (Inactive)	3,000 ft.	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-746-P COMP-W	C-746-P Complex Water (Inactive)	2,550 ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-P1	Scrap Metal Yard West (SWMU 13)	22,222 sq. yd.	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-746-Q	High Assay Waste Storage Facility (Combined with C-746-Q1 Building)	47,302	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-746-Q1	High Assay Waste Storage Building (Combined with C-746-Q Building)	listed in C-746-Q	N/A	N/A
OSMS	N/A	N/A	N/A	ISS	C-746-R	Organic Waste Storage Area	240 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-S	Sanitary Landfill (SWMU 9)	5 acres	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-T	Inert Landfill (SWMU 10)	10 acres	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-U	Landfill	60 acres	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-746-U1	Landfill Office Building	624	128	72 (1)
D&R	D&R	N/A	ISS	ISS	C-746-U10	Shed	392	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-746-U11	Shed	392	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-746-U12	Shed	392	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-746-U15	Building – Leachate Treatment Facility	1,120	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-U16	Leachate Storage Facility	6,922	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-746-U2	Landfill Equipment Building	3,048	2976	64 (1)
D&R	D&R	N/A	N/A	ISS	C-746-U3 & C-746-U-03	Leachate Facility/Control Panel	62,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-U4-U09	Sealand Storage Containers	960	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-U-Pond	Landfill Holding Pond	9,214,000 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-746-U-S	Truck Scale at Landfill	N/A	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-746-U-T14	Trailer (Shower)	360	N/A	400 (1)
D&R	D&R	N/A	N/A	ISS	C-746-V	Waste Staging Area	1,111 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-746-X	Building - Electrical Equipment Storage	Not Available	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-747	Burial Area (SWMU 4)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-747-A	Burial Yard (SWMU 30)	16,704	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-747-A-T04	Shed, Scale House	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-747-B	Burial Yard (SWMU 6)	4,068	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-747-C	SWMU 001 - Former Oil Landfarm	1,133 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-747-D	H3 Pad/Clamshell	8,400	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-747-E	H3 Pad/Clamshell	9,900	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-748-A	Kentucky Ordinance Works Disposal Area (SWMU 95)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-748-B	Inactive Burial Area (SWMU 4)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-749	Uranium Scrap Burial Yard (SWMU 2)	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-752	RA Waste Holding Pad	978 sq. yd.	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-752-A	Waste Storage Facility	42,000	1200	N/A
D&R	D&R	N/A	ISS	ISS	C-752-A-ENC	Waste Containment Enclosure	756	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-752A-T10	Trailer, Office/Breakroom	440	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-752-C	Decontamination Facility	7,620	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-752-C-T01 through T08	Sealands	2,560	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-753-A	Waste Storage Facility	32,160	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-754	Low Level Waste Storage Area	7,345	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-754-A	Waste Mgmt. Staging Area	2,275 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-754-B	Building - Guard Training Facility	4,160	N/A	N/A
D&R	D&R	N/A	N/A	N/A	C-755-ES	C-755 Electrical System	Not Available	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-755-N	Gravel Area (TVA Substation - C-538)	Not Available	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	ISS	C-755-R	Sealand Storage Container (Relocated to C-412 East Parking Lot)	320	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-755-T01	Trailer - Office	1,680	1,230	120 (1)
D&R	D&R	ISS	ISS	ISS	C-755-T02	Trailer - Office	1,680	1,014	286 (2)
D&R	D&R	ISS	N/A	ISS	C-755-T03	Trailer - Office	1,680	1,537	112 (2)
D&R	D&R	ISS	ISS	ISS	C-755-T04	Trailer - Office	1,680	1,323	120 (2)
D&R	D&R	ISS	ISS	ISS	C-755-T07	Trailer - Break	1,440	1,380	N/A
D&R	D&R	ISS	ISS	ISS	C-755-T09	Trailer - Office	2,352	2,088	N/A
D&R	D&R	N/A	ISS	ISS	C-755-T10	Storage Trailer	224	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-755-T16	Trailer - Change/shower facility	2,700	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-755-T24	Wooden Storage Shed	N/A	N/A	N/A
D&R	D&R	N/A	N/A	INF	C-755-T29	Shed, Storage	80	N/A	N/A
D&R	D&R	N/A	N/A	INF	C-755-T30	Shed, Storage	80	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-755-W	Small Maintenance Shop	540	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-757	Building - Solid and LL Waste Processing	10,000	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-759	Staging Area	13,877 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-759-A	Carport	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-760	Pad - Waste Disposition Storage Area	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-760-A	NSDD Surge Basin	1,074,466 gal.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-761	Staging Area - Gravel Pad	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-762	Gravel Laydown Area w/Metal Shed (includes C-762-A carport and C-762-T01 shed)	8,740 sq. yd.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-762-A	Equipment Storage (carport)	N/A	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-762-T02	Storage Shed	80	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-764	Trailer Complex	11,352.6 sq. yd.	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
OSMS	OSMS	N/A	N/A	ISS	C-764-B	Sanitary Water Valve Vault	N/A	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	C-764-C1	Sanitary Water Valve Vault	N/A	N/A	N/A
D&R	D&R	N/A	N/A	ISS	C-764-Storm Shelters	Storm Shelters (Underground) Not Used	N/A	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-764-D1	Above Ground Storm Shelter	200 sq. ft.	N/A	N/A
ISS	ISS	N/A	ISS	ISS	C-764-D2	Above Ground Storm Shelter	200 sq. ft.	N/A	N/A
D&R	D&R	ISS	ISS	ISS	C-764-T01	Trailer - Office	1410	1,187	123 (2)
D&R	D&R	ISS	ISS	ISS	C-764-T02	Trailer - Conference	1440	1,230	90 (2)
D&R	D&R	ISS	ISS	ISS	C-764-T03	Trailer - Office	1504	1,340	84 (2)
D&R	D&R	ISS	ISS	ISS	C-764-T04	Trailer - Office	1504	1,334	90 (2)
D&R	D&R	ISS	ISS	ISS	C-764-T05	Trailer - Office	1504	1,354	90 (2)
D&R	D&R	ISS	ISS	ISS	C-764-T06	Trailer - Office	1410	1,266	84 (2)
D&R	D&R	ISS	ISS	ISS	C-764-T07	Trailer - Office	1410	1,286	84 (2)
D&R	D&R	ISS	ISS	ISS	C-764-T08	Trailer - Office	1410	1,232	98 (2)
D&R	D&R	ISS	ISS	ISS	C-764-T09	Trailer - Office	1504	1,298	126 (2)
D&R	D&R	ISS	ISS	ISS	C-764-T10	Trailer - Office	1504	1,339	105 (2)
D&R	D&R	N/A	ISS	ISS	C-765	NE Plume alt. treatment system	250 GPM	N/A	N/A
D&R	D&R	N/A	ISS	ISS	C-765-A	New NE Plume Containment System	300 GPM	N/A	N/A
OSMS	OSMS	N/A	N/A	N/A	JPIC	Joint Public Information Center (Leased)	680 sq. ft.	N/A	N/A
D&R	D&R	N/A	N/A	ISS	NEPCS-2	NEPCS Alternate System at C-637-2A (Inactive)	250 ft.	N/A	N/A
D&R	D&R	N/A	N/A	N/A	PCB-310	PCB Troughing in C-310	N/A	N/A	N/A
D&R	D&R	N/A	N/A	N/A	PCB-315	PCB Troughing in C-315	N/A	N/A	N/A
D&R	D&R	N/A	N/A	N/A	PCB-331	PCB Troughing in C-331	N/A	N/A	N/A
D&R	D&R	N/A	N/A	N/A	PCB-333	PCB Troughing in C-333	N/A	N/A	N/A
D&R	D&R	N/A	N/A	N/A	PCB-335	PCB Troughing in C-335	N/A	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
D&R	D&R	N/A	N/A	N/A	PCB-337	PCB Troughing in C-337	N/A	N/A	N/A
OSMS	OSMS	N/A	N/A	ISS	Raw Water Supply Line	Raw Water Supply Lines	43,746 ft.	N/A	N/A
OSMS	OSMS	OSMS	N/A	N/A	Rudolph Bldg.	Alternate, EOC, Kevil (Leased)	15,00 sq. ft.	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1100	Administration Building	9,770	4,572	460 (4)
OSMS	OSMS	N/A	OSMS	ISS	C-1100-SS01	Storm Shelter	231 sq. ft.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1100-SS02	Storm Shelter	231 sq. ft.	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1100-T-01	Trailer – Office/Quality Assurance	1,200	2300	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1100-T-02	Trailer – Office/Document Control	2,400	1,150	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1100-T-03	Trailer – Restroom	600	N/A	770 (2)
OSMS	OSMS	OSMS	OSMS	ISS	C-1100-T-04	Trailer – Office/Training	2,400	1,624	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1100-T-05	Trailer – Shower	1,175	N/A	114 (2)
OSMS	OSMS	OSMS	OSMS	ISS	C-1100-T-06	Trailer – Office/Union	1,600	672	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1100-T-08	Trailer – Office/CBT (Leased)	1,200 sq. ft.	200	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1100-T-09	Trailer – Office/Production Support	1,488	1,000	130 (2)
OSMS	OSMS	OSMS	OSMS	ISS	C-110419	Security Portal (C-1104-T19)	80	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1200-T08	Office Trailer (Not in FIMS)	N/A	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1200-T09	Office Trailer (Not in FIMS)	N/A	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1215	Vehicle Access House “A”	100	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1220	Vehicle Access House “B”	100	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1220-M	MAC Portal Access (Not in FIMS)	N/A	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1300	Conversion Building	64,480	13,680	794 (4)

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
OSMS	OSMS	OSMS	OSMS	ISS	C-1300-T01	Trailer (Not in FIMS)	360	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1305	HF Storage Tank Area	120,000 cu. ft.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1305A	HF Tanker Car Containment Pit (Not in FIMS)	1,760	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1305B	HF Area change house (Not in FIMS)	120	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1310	Nitrogen Supply System Area	373 sq. yd.	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1320	KOH Regeneration Building	4,200	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1330	Hydrogen Supply Area	192,000 cu. ft./day	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1330B	Hydrogen Generation System	2,160 sq. ft.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1330C	Bulk Hydrogen System Pad	2,601	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1604	Firewater Heated Enclosure	88 sq. ft.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1605	Service Water Pump house	150 GPM	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-1700	Warehouse / Maintenance Building	9,243	7,196	1153 (2)
OSMS	OSMS	N/A	OSMS	ISS	C-1745A	Full Cylinder Staging Area	771 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1745B	Empty Cylinder Staging Yard	3,302 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-1745C	Oxide Cylinder Staging Area	478 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-223	Post 49 Building (Not in FIMS)	N/A	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-A	Cylinder Storage Yard	21,669 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-B	Cylinder Storage Yard	50,906 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-D	Cylinder Storage Yard	17,211 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-E	Cylinder Storage Yard	9.668 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-F	Cylinder Storage Yard	27,392 sq. yd.	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
OSMS	OSMS	N/A	OSMS	ISS	C-745-G	Cylinder Storage Yard	41,203 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-G1	Cylinder Yard Basin & Lift Station	1,532,000 gal.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-G2	OSMS Building – Temporary Cylinder Paint Facility	4,500	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-G3	OSMS Building – Temporary Cylinder Paint Facility	4,500	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-G4	OSMS Building – Temporary Cylinder Paint Facility	4,500	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-G5	OSMS Building – Temporary Cylinder Paint Facility	4,500	N/A	N/A
OSMS	OSMS	OSMS	OSMS	ISS	C-745-G6	Temporary Office (Not in FIMS)	N/A	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-K	Cylinder Storage Yard	20,455 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-L	Cylinder Storage Yard	33,537 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-M	Cylinder Storage Yard	13,170 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-N	Cylinder Storage Yard	8,662 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-OXE	Oxide Storage Yard (Not in FIMS)	73,745	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-Fencing	Fencing, Gates, Turnstiles	N/A	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-P	Cylinder Storage Yard	9,521 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-Q	Cylinder Storage Yard	29,582 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-R	Cylinder Storage Yard	15,439 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-R1	Cylinder Change out	N/A	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-S	Cylinder Storage Yard	10,386 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-T	Cylinder Storage Yard	52,301 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-U	Cylinder Storage Yard	21,780 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	OSMS	ISS	C-745-V	Cylinder Storage Yard	25,503 sq. yd.	N/A	N/A

Table 7b – Paducah Facilities Assignment Matrix							Revision Date: 10-29-2021		
Operationally Responsible	S&M	Janitorial	Pest Control (Building Spraying)	Grounds Service	Facility Identification Number	Facility Description	Gross Sq. Ft. – or Acreage as Specified	Office / Conf. Rooms Sq.	Restroom Sq. ft. (number of restrooms)
OSMS	OSMS	N/A	OSMS	ISS	C-745-W	Cylinder Yard High Activity Railroad Pad	3,022 sq. yd.	N/A	N/A
OSMS	OSMS	N/A	N/A	N/A	Lexington Office	Lexington Office	11,562	N/A	N/A

NOTE 1: C-230-A Sanitary Water Distribution System – The OSMS Contractor is responsible for operating and maintaining the distribution system, including the system within its supporting buildings. The OSMS Contractor is responsible for the maintenance of the system up to the identified demarcation (refer to demarcation drawings and narrative); maintenance of the system within the buildings remains as listed above.

NOTE 2: C-230-B Sanitary Sewage System – The OSMS Contractor is responsible for operating and maintaining the system, including the system within its supporting buildings and all associated lift stations. The OSMS Contractor is responsible for the maintenance of the system up to the identified demarcation (refer to demarcation drawings and narrative); maintenance of the system within the buildings remains as listed above.

NOTE 3: C-230-C Storm Sewer System – The D&R Contractor is responsible for operating and maintaining the system, including the system within its supporting buildings. The D&R Contractor is responsible for the maintenance of the system up to the identified demarcation (refer to demarcation narrative); maintenance of the system within the buildings remains as listed above.

NOTE 4: C-230-D Chilled Water System – The OSMS Contractor is responsible for operating and maintaining the system, including the system within its supporting buildings. The OSMS Contractor is responsible for the maintenance of the system up to the identified demarcation (refer to demarcation drawings and narrative); maintenance of the system within the buildings remains as listed above.

NOTE 5: C-230-H High Pressure Fire Water System – The OSMS Contractor is responsible for operating and maintaining the fire protection systems. Buildings which contain wet fire water systems (including sprinklers) are the responsibility of the OSMS Contractor. For systems that are converted to a dry hybrid fire system, the OSMS Contractor is responsible for routine inspections, testing, and operations. The D&R contractor is responsible for corrective maintenance of the dry hybrid systems. All other corrective maintenance will be provided by the OSMS Contractor.

NOTE 6: C-230-J Process Waste Heat Utilization System – The OSMS Contractor is responsible for operating and maintaining the distribution system. The OSMS Contractor is responsible for the maintenance of the system up to the identified demarcation (refer to demarcation drawings and narrative); maintenance of the system within the buildings remains as listed above.

NOTE 7: C-232-B Compressed Air System – Buildings which contain stand-alone air compressors for air supply, will be operated and maintained by the facility owner listed above. The D&R Contractor will be responsible for operating and maintaining the Centac air compressors in C-335 and associated distribution piping.

NOTE 8: C-232-D Steam Distribution System – The OSMS Contractor is responsible for operating and maintaining the distribution system. The OSMS Contractor is responsible for the maintenance of the system up to the identified demarcation (refer to demarcation drawings and narrative); maintenance of the system within the buildings remains as listed above.

NOTE 9: C-304 Building – The OSMS Contractor is responsible for the lightning detection system that is installed on the roof of the C-304 building and the OSMS Contractor manages the computer in the telecommunications room associated with this system.

NOTE 10: C-538 – TVA Substation – The OSMS Contractor will be the main site liaison for TVA activities with the substation.

SECTION J – LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS
ATTACHMENT J-8.C.3.4.2 INFORMATION TECHNOLOGY SERVICE MATRIX

SECTION J-LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

ATTACHMENT J-8.C.3.4.2 INFORMATION TECHNOLOGY SERVICE MATRIX

Equipment/Software/Service	OSMS	PAD ISS	D&R	TSS	DOE
Cell/Blackberry/Smartphone equipment	Y	Y	Y		
Mobile Device Management service	Y	Y	Y		
Satellite Phone Management service	Y	Y	Y	Y	Y
Copier equipment	Y	Y	Y	Y	Y
Copier maintenance	Y	Y	Y	Y	Y
Copier - toner	Y	Y	Y	Y	Y
Copier - paper & other media	Y	Y	Y	Y	Y
Printer equipment	Y	Y	Y	Y	Y
Printer consumables (toner, etc.)	Y	Y	Y	Y	Y
Printer paper	Y	Y	Y	Y	Y
Computer hardware	Y	Y	Y		
Computer core software (PC)	Y	Y	Y		
FAX hardware and consumables	Y	Y		Y	Y
Pager service	Y	Y	Y	Y	Y
Telephone service	Y	Y	Y	Y	Y
Internet service	Y	Y	Y	Y	Y
Local Area Net installation	Y	Y	Y	Y	Y
Local Area Net administration	Y	Y	Y		
Data line PGDP to PORTS (1GB Switched)					Y
Video equipment	Y	Y	Y	Y	Y
Video conferencing service	Y	Y	Y		
Help Desk service	Y	Y	Y		
Computer User Support	Y	Y	Y		
Computer System Administration	Y	Y	Y		
Computer Application Administration	Y	Y	Y		
Data Base Administration	Y	Y	Y		
Computer equipment install & repair	Y	Y	Y		
System Analysis & Programming	Y	Y	Y		
Cyber Security Operations					

Y - Represents an item the Operations and Site Mission Support (OSMS) Contractor shall provide to others.

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS

SECTION J – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

ATTACHMENT J-8.C.5.3.3 - OFF-SPEC CYLINDERS LESS THAN 0.96%

SECTION J – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

ATTACHMENT J-8. C.5.3.3 OFF-SPEC CYLINDERS LESS THAN 0.96%

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1	4A	4APP5410	939198	8781.5013	0.935	3063
2	3A	3A300163	31893	291.50202	0.914	104
3	3A	3A300114	10427	94.656306	0.9078	34
4	3A	3A300130	28827	259.15473	0.899	94
5	3A	3A300088	9813	87.885228	0.8956	32
6	3A	3A300092	16553	137.3899	0.83	54
7	3A	3A300150	18086	150.1138	0.83	59
8	3A	3A300080	31893	251.31684	0.788	104
9	4G	4G110447	15638	113.719536	0.7272	51
10	4G	4G117036	19931	144.938232	0.7272	65
11	4G	4G116913	18091	131.413024	0.7264	59
12	4G	4G117001	18704	135.79104	0.726	61
13	4G	4G116940	15638	113.29731	0.7245	51
14	4G	4G117034	16558	119.87992	0.724	54
15	4G	4G117067	18094	130.692962	0.7223	59
16	4G	4G117091	29130	210.37686	0.7222	95
17	4G	4G116909	20237	146.090903	0.7219	66
18	4G	4G116948	17174	123.326494	0.7181	56
19	4G	4G116128	16867	120.902656	0.7168	55
20	4G	4G116991	40168	287.924224	0.7168	131
21	4G	4G116965	17174	123.068884	0.7166	56
22	4G	4G116279	17787	126.963606	0.7138	58
23	4G	4G116134	24840	177.05952	0.7128	81
24	4G	4G112731	15945	113.62407	0.7126	52
25	3B	3BLU0929	96817	689.821125	0.7125	316
26	4G	4G116107	20240	144.18976	0.7124	66
27	4G	4G116105	19317	137.594991	0.7123	63
28	4G	4G116124	21160	150.72268	0.7123	69
29	4G	4G116125	15638	111.389474	0.7123	51
30	4G	4G116140	16558	117.942634	0.7123	54

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1	4A	000348	738357	6548	0.8869	2408
2	4A	PP5463	19316	166	0.86	63
3	4G	126310	8115026	75746	0.9334	26460
4	4G	126442	7927404	63483	0.8008	25849
5	4G	126449	6823158	54067	0.7924	22251
6	4G	126458	8063400	70539	0.8748	26294
7	4G	126490	8086654	67257	0.8317	26371
8	4G	126495	8154806	76052	0.9326	26596
9	4G	126671	8059175	64103	0.7954	26281
10	4G	126715	7047928	56362	0.7997	22984
11	4G	129398	8215707	76127	0.9266	26797
12	4G	129400	6447681	47087	0.7303	21034
13	4G	130090	8151040	69871	0.8572	26579
14	4G	130234	8125587	64168	0.7897	26496
15	4G	130236	8128960	67495	0.8303	26507
16	4G	130243	7177049	65168	0.908	23403
17	4G	130259	6558135	59528	0.9077	21388
18	4G	130274	8202548	69525	0.8476	26743
19	4G	130295	8149486	60070	0.7371	26570
20	4G	130299	7820587	73623	0.9414	25509
21	4G	130308	8122520	69984	0.8616	26486
22	4G	130339	8165305	76648	0.9387	26633
23	4G	130344	8160873	62676	0.768	26615
24	4G	130381	8210298	70921	0.8638	26775
25	4G	130395	8161754	69963	0.8572	26610
26	4G	130397	8093473	69733	0.8616	26403
27	4G	130401	8095562	73581	0.9089	26402
28	4G	130574	8216627	76324	0.9289	26800
29	4G	130610	8212335	76095	0.9266	26786
30	4G	130621	6552681	52376	0.7993	21368
31	4G	130638	7568305	59237	0.7827	24681
32	4G	130647	8350232	64205	0.7689	27239
33	4G	130667	8331057	70247	0.8432	27166
34	4G	130676	6504998	59137	0.9091	21210
35	4G	130722	8349133	65791	0.788	27233
36	4G	130724	8358519	70036	0.8379	27262
37	4G	130729	8349014	64713	0.7751	27231
38	4G	130751	8333628	67619	0.8114	27178
39	4G	130786	7552497	61749	0.8176	24632
40	4G	130790	7019598	61709	0.8791	22895
41	4G	130869	8326211	77709	0.9333	27151
42	4G	131224	6997217	56503	0.8075	22822
43	4G	131332	8358410	64560	0.7724	27256
44	4G	131423	6446523	60662	0.941	21024

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
45	4G	131483	8276776	73374	0.8865	26989
46	4G	131485	8425799	70440	0.836	27479
47	4G	131487	7283763	58707	0.806	23758
48	4G	131488	8327366	76262	0.9158	27162
49	4G	131490	8373672	69552	0.8306	27309
50	4G	131491	8045852	72083	0.8959	26236
51	4G	131492	8355888	68719	0.8224	27251
52	4G	131493	8472100	68099	0.8038	27630
53	4G	131495	8414454	69200	0.8224	27442
54	4G	131497	6819994	59702	0.8754	22242
55	4G	131498	8361714	68783	0.8226	27270
56	4G	131504	8275860	69517	0.84	26994
57	4G	131508	8400042	70367	0.8377	27395
58	4G	131509	8439291	70561	0.8361	27523
59	4G	131511	8365393	69441	0.8301	27282
60	4G	131515	7925798	65087	0.8212	25856
61	4G	131516	7963761	65478	0.8222	25976
62	4G	131518	7963357	71129	0.8932	25967
63	4G	131519	7953287	65456	0.823	25938
64	4G	131521	7941074	65569	0.8257	25902
65	4G	131523	8427639	74972	0.8896	27485
66	4G	131527	8242735	67178	0.815	26878
67	4G	131532	8357421	68130	0.8152	27256
68	4G	131533	6459094	53023	0.8209	21065
69	4G	131535	6894604	60969	0.8843	22482
70	4G	131546	7789855	68481	0.8791	25405
71	4G	131657	8278309	73354	0.8861	26994
72	4G	131664	8346450	67306	0.8064	27217
73	4G	131708	6810401	59577	0.8748	22214
74	4G	131750	8317309	77625	0.9333	27130
75	4G	132041	7962155	72312	0.9082	25965
76	4G	134593	7139986	59098	0.8277	23288
77	4G	134599	6461316	51619	0.7989	21071
78	4G	135104	7968075	60462	0.7588	25982
79	4G	135291	8156078	58805	0.721	26597
80	4G	135295	8127360	59062	0.7267	26501
81	4G	135328	7135659	56158	0.787	23267
82	4G	135341	7068271	55846	0.7901	23050
83	4G	135610	7988245	61038	0.7641	26047
84	NA	CO6003	5585181	47362	0.848	18223
85	NA	CO6005	8396378	71403	0.8504	27379
86	NA	CO6007	6087750	51618	0.8479	19851
87	NA	CO6013	8366278	70996	0.8486	27297
88	NA	CO6015	8398800	70130	0.835	27395
89	NA	CO6017	8329813	69504	0.8344	27174
90	NA	CO6041	8423919	78090	0.927	27481

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
91	NA	CO6044	8429743	78194	0.9276	27500
92	NA	CO6046	4676979	43145	0.9225	15253
93	NA	CO6051	8394476	77918	0.9282	27389
94	NA	CO6054	8419647	77924	0.9255	27463
95	NA	CO6055	8397267	77817	0.9267	27390
96	NA	CO6059	8400009	70098	0.8345	27403
97	NA	CO6060	8378231	69933	0.8347	27336
98	NA	CO6062	8395411	70673	0.8418	27388
99	NA	CO6065	6775674	57573	0.8497	22104
100	NA	CO6067	8392943	77769	0.9266	27384
101	NA	CO6069	8426044	78160	0.9276	27492
102	NA	CO6073	8442357	78210	0.9264	27533
103	NA	D32869	27291	244	0.8939	89
104	NA	D38430	20544	174	0.848	67
105	4A	000348	738357	6548	0.8869	2408
106	4A	PP5463	19316	166	0.86	63
107	4G	126310	8115026	75746	0.9334	26460
108	4G	126442	7927404	63483	0.8008	25849
109	4G	126449	6823158	54067	0.7924	22251
110	4G	126458	8063400	70539	0.8748	26294
111	4G	126490	8086654	67257	0.8317	26371
112	4G	126495	8154806	76052	0.9326	26596
113	4G	126671	8059175	64103	0.7954	26281
114	4G	126715	7047928	56362	0.7997	22984
115	4G	129398	8215707	76127	0.9266	26797
116	4G	129400	6447681	47087	0.7303	21034
117	4G	130090	8151040	69871	0.8572	26579
118	4G	130234	8125587	64168	0.7897	26496
119	4G	130236	8128960	67495	0.8303	26507
120	4G	130243	7177049	65168	0.908	23403
121	4G	130259	6558135	59528	0.9077	21388
122	4G	130274	8202548	69525	0.8476	26743
123	4G	130295	8149486	60070	0.7371	26570
124	4G	130299	7820587	73623	0.9414	25509
125	4G	130308	8122520	69984	0.8616	26486
126	4G	130339	8165305	76648	0.9387	26633
127	4G	130344	8160873	62676	0.768	26615
128	4G	130381	8210298	70921	0.8638	26775
129	4G	130395	8161754	69963	0.8572	26610
130	4G	130397	8093473	69733	0.8616	26403
131	4G	130401	8095562	73581	0.9089	26402
132	4G	130574	8216627	76324	0.9289	26800
133	4G	130610	8212335	76095	0.9266	26786
134	4G	130621	6552681	52376	0.7993	21368
135	4G	130638	7568305	59237	0.7827	24681
136	4G	130647	8350232	64205	0.7689	27239

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
137	4G	130667	8331057	70247	0.8432	27166
138	4G	130676	6504998	59137	0.9091	21210
139	4G	130722	8349133	65791	0.788	27233
140	4G	130724	8358519	70036	0.8379	27262
141	4G	130729	8349014	64713	0.7751	27231
142	4G	130751	8333628	67619	0.8114	27178
143	4G	130786	7552497	61749	0.8176	24632
144	4G	130790	7019598	61709	0.8791	22895
145	4G	130869	8326211	77709	0.9333	27151
146	4G	131224	6997217	56503	0.8075	22822
147	4G	131332	8358410	64560	0.7724	27256
148	4G	131423	6446523	60662	0.941	21024
149	4G	131483	8276776	73374	0.8865	26989
150	4G	131485	8425799	70440	0.836	27479
151	4G	131487	7283763	58707	0.806	23758
152	4G	131488	8327366	76262	0.9158	27162
153	4G	131490	8373672	69552	0.8306	27309
154	4G	131491	8045852	72083	0.8959	26236
155	4G	131492	8355888	68719	0.8224	27251
156	4G	131493	8472100	68099	0.8038	27630
157	4G	131495	8414454	69200	0.8224	27442
158	4G	131497	6819994	59702	0.8754	22242
159	4G	131498	8361714	68783	0.8226	27270
160	4G	131504	8275860	69517	0.84	26994
161	4G	131508	8400042	70367	0.8377	27395
162	4G	131509	8439291	70561	0.8361	27523
163	4G	131511	8365393	69441	0.8301	27282
164	4G	131515	7925798	65087	0.8212	25856
165	4G	131516	7963761	65478	0.8222	25976
166	4G	131518	7963357	71129	0.8932	25967
167	4G	131519	7953287	65456	0.823	25938
168	4G	131521	7941074	65569	0.8257	25902
169	4G	131523	8427639	74972	0.8896	27485
170	4G	131527	8242735	67178	0.815	26878
171	4G	131532	8357421	68130	0.8152	27256
172	4G	131533	6459094	53023	0.8209	21065
173	4G	131535	6894604	60969	0.8843	22482
174	4G	131546	7789855	68481	0.8791	25405
175	4G	131657	8278309	73354	0.8861	26994
176	4G	131664	8346450	67306	0.8064	27217
177	4G	131708	6810401	59577	0.8748	22214
178	4G	131750	8317309	77625	0.9333	27130
179	4G	132041	7962155	72312	0.9082	25965
180	4G	134593	7139986	59098	0.8277	23288
181	4G	134599	6461316	51619	0.7989	21071
182	4G	135104	7968075	60462	0.7588	25982

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
183	4G	135291	8156078	58805	0.721	26597
184	4G	135295	8127360	59062	0.7267	26501
185	4G	135328	7135659	56158	0.787	23267
186	4G	135341	7068271	55846	0.7901	23050
187	4G	135610	7988245	61038	0.7641	26047
188	NA	CO6003	5585181	47362	0.848	18223
189	NA	CO6005	8396378	71403	0.8504	27379
190	NA	CO6007	6087750	51618	0.8479	19851
191	NA	CO6013	8366278	70996	0.8486	27297
192	NA	CO6015	8398800	70130	0.835	27395
193	NA	CO6017	8329813	69504	0.8344	27174
194	NA	CO6041	8423919	78090	0.927	27481
195	NA	CO6044	8429743	78194	0.9276	27500
196	NA	CO6046	4676979	43145	0.9225	15253
197	NA	CO6051	8394476	77918	0.9282	27389
198	NA	CO6054	8419647	77924	0.9255	27463
199	NA	CO6055	8397267	77817	0.9267	27390
200	NA	CO6059	8400009	70098	0.8345	27403
201	NA	CO6060	8378231	69933	0.8347	27336
202	NA	CO6062	8395411	70673	0.8418	27388
203	NA	CO6065	6775674	57573	0.8497	22104
204	NA	CO6067	8392943	77769	0.9266	27384
205	NA	CO6069	8426044	78160	0.9276	27492
206	NA	CO6073	8442357	78210	0.9264	27533
207	NA	D32869	27291	244	0.8939	89
208	NA	D38430	20544	174	0.848	67
209	4A	000348	738357	6548	0.8869	2408
210	4A	PP5463	19316	166	0.86	63
211	4G	126310	8115026	75746	0.9334	26460
212	4G	126442	7927404	63483	0.8008	25849
213	4G	126449	6823158	54067	0.7924	22251
214	4G	126458	8063400	70539	0.8748	26294
215	4G	126490	8086654	67257	0.8317	26371
216	4G	126495	8154806	76052	0.9326	26596
217	4G	126671	8059175	64103	0.7954	26281
218	4G	126715	7047928	56362	0.7997	22984
219	4G	129398	8215707	76127	0.9266	26797
210	4G	129400	6447681	47087	0.7303	21034
211	4G	130090	8151040	69871	0.8572	26579
212	4G	130234	8125587	64168	0.7897	26496
213	4G	130236	8128960	67495	0.8303	26507
214	4G	130243	7177049	65168	0.908	23403
215	4G	130259	6558135	59528	0.9077	21388
216	4G	130274	8202548	69525	0.8476	26743
217	4G	130295	8149486	60070	0.7371	26570
218	4G	130299	7820587	73623	0.9414	25509

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
219	4G	130308	8122520	69984	0.8616	26486
220	4G	130339	8165305	76648	0.9387	26633
221	4G	130344	8160873	62676	0.768	26615
222	4G	130381	8210298	70921	0.8638	26775
223	4G	130395	8161754	69963	0.8572	26610
224	4G	130397	8093473	69733	0.8616	26403
225	4G	130401	8095562	73581	0.9089	26402
226	4G	130574	8216627	76324	0.9289	26800
227	4G	130610	8212335	76095	0.9266	26786
228	4G	130621	6552681	52376	0.7993	21368
229	4G	130638	7568305	59237	0.7827	24681
230	4G	130647	8350232	64205	0.7689	27239
231	4G	130667	8331057	70247	0.8432	27166
232	4G	130676	6504998	59137	0.9091	21210
233	4G	130722	8349133	65791	0.788	27233
234	4G	130724	8358519	70036	0.8379	27262
235	4G	130729	8349014	64713	0.7751	27231
236	4G	130751	8333628	67619	0.8114	27178
237	4G	130786	7552497	61749	0.8176	24632
238	4G	130790	7019598	61709	0.8791	22895
239	4G	130869	8326211	77709	0.9333	27151
240	4G	131224	6997217	56503	0.8075	22822
241	4G	131332	8358410	64560	0.7724	27256
242	4G	131423	6446523	60662	0.941	21024
243	4G	131483	8276776	73374	0.8865	26989
244	4G	131485	8425799	70440	0.836	27479
245	4G	131487	7283763	58707	0.806	23758
246	4G	131488	8327366	76262	0.9158	27162
247	4G	131490	8373672	69552	0.8306	27309
248	4G	131491	8045852	72083	0.8959	26236
249	4G	131492	8355888	68719	0.8224	27251
250	4G	131493	8472100	68099	0.8038	27630
251	4G	131495	8414454	69200	0.8224	27442
252	4G	131497	6819994	59702	0.8754	22242
253	4G	131498	8361714	68783	0.8226	27270
254	4G	131504	8275860	69517	0.84	26994
255	4G	131508	8400042	70367	0.8377	27395
256	4G	131509	8439291	70561	0.8361	27523
257	4G	131511	8365393	69441	0.8301	27282
258	4G	131515	7925798	65087	0.8212	25856
259	4G	131516	7963761	65478	0.8222	25976
260	4G	131518	7963357	71129	0.8932	25967
261	4G	131519	7953287	65456	0.823	25938
262	4G	131521	7941074	65569	0.8257	25902
263	4G	131523	8427639	74972	0.8896	27485
264	4G	131527	8242735	67178	0.815	26878

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
265	4G	131532	8357421	68130	0.8152	27256
266	4G	131533	6459094	53023	0.8209	21065
267	4G	131535	6894604	60969	0.8843	22482
268	4G	131546	7789855	68481	0.8791	25405
269	4G	131657	8278309	73354	0.8861	26994
270	4G	131664	8346450	67306	0.8064	27217
271	4G	131708	6810401	59577	0.8748	22214
272	4G	131750	8317309	77625	0.9333	27130
273	4G	132041	7962155	72312	0.9082	25965
274	4G	134593	7139986	59098	0.8277	23288
275	4G	134599	6461316	51619	0.7989	21071
276	4G	135104	7968075	60462	0.7588	25982
277	4G	135291	8156078	58805	0.721	26597
278	4G	135295	8127360	59062	0.7267	26501
279	4G	135328	7135659	56158	0.787	23267
280	4G	135341	7068271	55846	0.7901	23050
281	4G	135610	7988245	61038	0.7641	26047
282	NA	CO6003	5585181	47362	0.848	18223
283	NA	CO6005	8396378	71403	0.8504	27379
284	NA	CO6007	6087750	51618	0.8479	19851
285	NA	CO6013	8366278	70996	0.8486	27297
286	NA	CO6015	8398800	70130	0.835	27395
287	NA	CO6017	8329813	69504	0.8344	27174
288	NA	CO6041	8423919	78090	0.927	27481
289	NA	CO6044	8429743	78194	0.9276	27500
290	NA	CO6046	4676979	43145	0.9225	15253
291	NA	CO6051	8394476	77918	0.9282	27389
292	NA	CO6054	8419647	77924	0.9255	27463
293	NA	CO6055	8397267	77817	0.9267	27390
294	NA	CO6059	8400009	70098	0.8345	27403
295	NA	CO6060	8378231	69933	0.8347	27336
296	NA	CO6062	8395411	70673	0.8418	27388
297	NA	CO6065	6775674	57573	0.8497	22104
298	NA	CO6067	8392943	77769	0.9266	27384
299	NA	CO6069	8426044	78160	0.9276	27492
300	NA	CO6073	8442357	78210	0.9264	27533
301	NA	D32869	27291	244	0.8939	89
302	NA	D38430	20544	174	0.848	67
303	NA	CO6015	8398800	70130	0.835	27395
304	NA	CO6017	8329813	69504	0.8344	27174
305	NA	CO6041	8423919	78090	0.927	27481
306	NA	CO6044	8429743	78194	0.9276	27500
307	NA	CO6046	4676979	43145	0.9225	15253
308	NA	CO6051	8394476	77918	0.9282	27389
309	NA	CO6054	8419647	77924	0.9255	27463
310	NA	CO6055	8397267	77817	0.9267	27390

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
311	NA	CO6059	8400009	70098	0.8345	27403
312	NA	CO6060	8378231	69933	0.8347	27336
313	NA	CO6062	8395411	70673	0.8418	27388
314	NA	CO6065	6775674	57573	0.8497	22104
315	NA	CO6067	8392943	77769	0.9266	27384
316	NA	CO6069	8426044	78160	0.9276	27492
317	NA	CO6073	8442357	78210	0.9264	27533
318	NA	D32869	27291	244	0.8939	89
319	NA	D38430	20544	174	0.848	67
320	NA	CO6015	8398800	70130	0.835	27395
321	NA	CO6017	8329813	69504	0.8344	27174
322	NA	CO6041	8423919	78090	0.927	27481
323	NA	CO6044	8429743	78194	0.9276	27500
324	NA	CO6046	4676979	43145	0.9225	15253
325	NA	CO6051	8394476	77918	0.9282	27389
326	NA	CO6054	8419647	77924	0.9255	27463
327	NA	CO6055	8397267	77817	0.9267	27390
328	NA	CO6059	8400009	70098	0.8345	27403
329	NA	CO6060	8378231	69933	0.8347	27336
330	NA	CO6062	8395411	70673	0.8418	27388
331	NA	CO6065	6775674	57573	0.8497	22104
332	NA	CO6067	8392943	77769	0.9266	27384
333	NA	CO6069	8426044	78160	0.9276	27492
334	NA	CO6073	8442357	78210	0.9264	27533
335	NA	D32869	27291	244	0.8939	89
336	NA	D38430	20544	174	0.848	67

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS

ATTACHMENT J-8.C.5.3.6a - LIST OF LESS THAN 180g U-235

ENRICHED HEEL CYLINDERS

SECTION J – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

ATTACHMENT J-8.C.5.3.6b: LIST OF LESS THAN 180g ENRICHED HEEL CYLINDERS

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1	4A	001546	4599	179.8209	3.91	15
2	4A	000137	5827	179.687199	3.0837	19
3	4A	000271	5824	179.58304	3.0835	19
4	3A	D75683	4599	179.31501	3.899	15
5	4A	003321	3986	178.49308	4.478	13
6	4A	001195	5210	178.4425	3.425	17
7	4A	001103	3984	178.40352	4.478	13
8	4A	002252	3986	178.05462	4.467	13
9	4A	001929	3985	178.00995	4.467	13
10	4A	001466	3986	177.45672	4.452	13
11	4A	001861	5213	177.34626	3.402	17
12	4A	000909	6134	176.898426	2.8839	20
13	4A	002182	3984	176.41152	4.428	13
14	4A	002359	4292	176.22952	4.106	14
15	4A	001286	5825	176.08975	3.023	19
16	4A	002077	3987	176.06592	4.416	13
17	4A	001337	3986	176.02176	4.416	13
18	4A	000302	3987	175.70709	4.407	13
19	4A	002201	3985	175.69865	4.409	13
20	4A	001052	8000	175.68	2.196	26.09
21	4A	003089	5518	175.4724	3.18	18
22	4A	001950	3987	175.46787	4.401	13
23	4A	001478	5212	175.3838	3.365	17
24	4A	001665	3986	175.22456	4.396	13
25	4A	003247	4599	175.17591	3.809	15
26	4A	001090	3985	174.98135	4.391	13
27	4A	002278	3986	174.94554	4.389	13
28	4A	001942	4291	174.94407	4.077	14
29	4A	000372	6437	174.816046	2.7158	21
30	4A	001179	4599	174.762	3.8	15
31	4A	000319	10817	174.597197	1.6141	35.27
32	4A	000478	10496	174.454016	1.6621	34.24
33	4A	001949	3986	174.42736	4.376	13
34	4A	000032	10627	174.123395	1.6385	34.66
35	4A	001782	3986	174.10848	4.368	13
36	3A	D30535	5517	174.06135	3.155	18
37	3A	D27251	5514	173.691	3.15	18
38	4A	000566	3986	173.23156	4.346	13
39	3A	D33643	5517	173.12346	3.138	18
40	4A	000843	3985	172.949	4.34	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
41	4A	003127	5518	172.939638	3.1341	18
42	4A	003168	6134	172.892924	2.8186	20
43	4A	000938	6131	172.851283	2.8193	20
44	4A	000448	3986	172.7931	4.335	13
45	4A	000516	6133	172.717546	2.8162	20
46	4A	001346	6132	172.3092	2.81	20
47	4A	002159	4292	172.1092	4.01	14
48	4A	001250	6131	172.09717	2.807	20
49	4A	002229	4292	172.06628	4.009	14
50	4A	001857	7051	172.0444	2.44	23
51	4A	001588	5213	171.45557	3.289	17
52	4A	001305	3985	171.39485	4.301	13
53	4A	003201	3986	171.31828	4.298	13
54	4A	003019	5212	171.167292	3.2841	17
55	4A	001696	3984	171.03312	4.293	13
56	4A	003107	6133	170.86538	2.786	20
57	4A	002307	5212	170.79724	3.277	17
58	4A	003086	3984	170.75424	4.286	13
59	4A	003165	3986	170.68052	4.282	13
60	4A	003216	7360	170.384	2.315	24
61	4A	000853	5520	169.8504	3.077	18
62	3A	A01288	3979	169.74414	4.266	13
63	4A	PK0933	3678	169.48224	4.608	12
64	4A	003219	5520	169.37568	3.0684	18
65	4A	001154	3986	169.16584	4.244	13
66	4A	001112	3986	168.96654	4.239	13
67	4A	PP2808	7054	168.964462	2.3953	23
68	4A	002275	6437	168.6494	2.62	21
69	4A	000033	4293	168.58611	3.927	14
70	4A	000254	9578	168.582378	1.7601	31.24
71	4A	001165	3985	168.52565	4.229	13
72	4A	000042	3985	168.4858	4.228	13
73	3A	300052	5826	168.3714	2.89	19
74	3A	300008	4288	168.329728	3.9256	14
75	4A	003125	6437	168.32755	2.615	21
76	4A	001567	3986	168.296892	4.2222	13
77	4A	000932	5827	167.765157	2.8791	19
78	4A	001470	3986	167.73088	4.208	13
79	4A	003159	3986	167.69102	4.207	13
80	3A	D24811	3983	167.48515	4.205	13
81	4A	001069	3986	167.45186	4.201	13
82	4A	000945	3986	167.412	4.2	13
83	3A	D25618	3974	167.38488	4.212	13
84	4A	000961	3986	167.25256	4.196	13
85	4A	003053	7665	166.9437	2.178	25

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
86	4A	PP5308	3984	166.84992	4.188	13
87	4A	003080	3986	166.65466	4.181	13
88	3A	D27120	3980	166.6426	4.187	13
89	4A	000820	3986	166.4155	4.175	13
90	4A	002039	5211	166.38723	3.193	17
91	4A	000989	5520	166.2624	3.012	18
92	4A	002423	3985	166.2542	4.172	13
93	4A	001480	4905	166.0833	3.386	16
94	4A	000752	7359	165.857142	2.2538	24
95	4A	001840	5519	165.84595	3.005	18
96	4A	002096	3985	164.93915	4.139	13
97	4A	001071	3986	164.86096	4.136	13
98	4A	000060	5827	164.793387	2.8281	19
99	3A	300126	4907	164.58078	3.354	16
100	3A	D31295	3983	164.41824	4.128	13
101	3A	D30547	5210	164.3755	3.155	17
102	3B	UK0212	3680	164.3488	4.466	12
103	3A	D45921	5210	164.2713	3.153	17
104	3A	D25138	5207	164.0205	3.15	17
105	3A	D21068	5518	163.77424	2.968	18
106	4A	003235	3986	163.66516	4.106	13
107	4A	002342	3987	163.54674	4.102	13
108	4A	001193	3986	163.54558	4.103	13
109	4A	003069	5826	163.47756	2.806	19
110	3A	D31194	3979	163.41753	4.107	13
111	3A	D28435	3980	163.18	4.1	13
112	4A	PP2548	8892	163.097064	1.8342	29
113	4A	000654	7052	163.04224	2.312	23
114	4A	001349	3986	162.98754	4.089	13
115	4A	001236	3985	162.94665	4.089	13
116	4A	000540	5210	162.80729	3.1249	17
117	4A	000077	5825	162.69225	2.793	19
118	4A	000282	6439	162.404458	2.5222	21
119	4A	001976	6747	162.19788	2.404	22
120	4A	000343	3986	162.15048	4.068	13
121	4A	001172	3678	162.12624	4.408	12
122	4A	000466	3986	162.11062	4.067	13
123	3A	D29487	3984	161.90976	4.064	13
124	4A	000791	4906	161.898	3.3	16
125	4A	002010	3680	161.8832	4.399	12
126	4A	000087	5519	161.87227	2.933	18
127	3A	D33262	3984	161.86992	4.063	13
128	4A	000506	3986	161.79174	4.059	13
129	4A	003347	5826	161.648196	2.7746	19
130	4A	000474	3986	161.55258	4.053	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
131	4A	000261	5521	161.43404	2.924	18
132	4A	000240	3987	161.35389	4.047	13
133	4A	003267	3986	161.27356	4.046	13
134	4A	003240	3986	161.11412	4.042	13
135	4A	003001	3987	160.79571	4.033	13
136	4A	000522	3986	160.79524	4.034	13
137	4A	000533	3986	160.79524	4.034	13
138	4A	000283	10015	160.730735	1.6049	32.66
139	4A	001855	5212	160.63384	3.082	17
140	4G	102205	6438	160.56372	2.494	21
141	4A	000178	5518	160.51862	2.909	18
142	4A	001523	5518	160.40826	2.907	18
143	3A	D29516	3984	160.39584	4.026	13
144	4A	001291	3986	160.31692	4.022	13
145	4A	001206	3986	160.2372	4.02	13
146	4A	001280	3986	160.2372	4.02	13
147	3A	W00514	7665	160.221495	2.0903	24.99
148	4A	001362	7666	160.2194	2.09	25
149	4A	001375	3985	159.9579	4.014	13
150	3A	D34771	3983	159.87762	4.014	13
151	4A	002230	3986	159.79874	4.009	13
152	4A	000788	3193	159.71386	5.002	10.41
153	4A	002494	3985	159.67895	4.007	13
154	4A	001399	3986	159.59944	4.004	13
155	4A	001945	3985	159.51955	4.003	13
156	4A	000126	6132	159.49332	2.601	20
157	4A	003207	10502	159.47287	1.5185	34.24
158	4A	000141	3986	159.44	4	13
159	4A	002277	3986	159.44	4	13
160	3A	P00143	3983	159.35983	4.001	13
161	4A	001028	6723	159.3351	2.37	21.92
162	4A	000314	3986	159.2407	3.995	13
163	4A	003076	3986	159.2407	3.995	13
164	4A	001241	3985	159.0812	3.992	13
165	4A	002171	4293	159.01272	3.704	14
166	4A	002331	3985	159.0015	3.99	13
167	4A	001047	3986	158.96168	3.988	13
168	4A	003011	3678	158.8896	4.32	12
169	4A	001528	4599	158.84946	3.454	15
170	4A	000943	3986	158.8421	3.985	13
171	4A	003229	3987	158.76234	3.982	13
172	4A	000233	3986	158.68266	3.981	13
173	4A	PK0587	3985	158.622925	3.9805	13
174	4A	001220	3984	158.52336	3.979	13
175	4A	000835	3986	158.08476	3.966	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
176	3A	W00605	3984	158.04528	3.967	13
177	4A	001534	3986	157.92532	3.962	13
178	4A	003213	3986	157.92532	3.962	13
179	4A	000893	3986	157.88546	3.961	13
180	4A	000460	3987	157.80546	3.958	13
181	4A	000828	3986	157.72602	3.957	13
182	4A	003251	3986	157.68616	3.956	13
183	4A	000995	6745	157.64414	2.3372	22
184	4A	000065	3987	157.56624	3.952	13
185	4A	000525	3987	157.56624	3.952	13
186	4A	003341	3986	157.52672	3.952	13
187	4A	000665	3986	157.48686	3.951	13
188	4A	002231	3986	157.48686	3.951	13
189	4A	002109	4599	157.46976	3.424	15
190	4A	000245	3985	157.44735	3.951	13
191	4A	000342	3986	157.447	3.95	13
192	4A	000423	3986	157.447	3.95	13
193	4A	001145	3987	157.44663	3.949	13
194	4A	000901	3986	157.36728	3.948	13
195	4A	001194	3986	157.2477	3.945	13
196	4A	000322	9814	157.22028	1.602	32
197	4A	000025	3985	157.12855	3.943	13
198	4A	000717	3986	157.12812	3.942	13
199	4A	003304	3987	156.96819	3.937	13
200	4A	001484	3984	156.81024	3.936	13
201	4A	000185	3985	156.80975	3.935	13
202	4A	000154	3986	156.76938	3.933	13
203	4A	000507	4907	156.68051	3.193	16
204	4A	001428	5213	156.44213	3.001	17
205	4A	000131	3986	156.13162	3.917	13
206	4A	003169	5520	156.02832	2.8266	18
207	4A	000691	3986	155.93232	3.912	13
208	4A	000850	3987	155.8917	3.91	13
209	4A	000289	3987	155.65248	3.904	13
210	4A	000537	3986	155.57358	3.903	13
211	4A	000004	7359	155.56926	2.114	24
212	4A	000966	3372	155.48292	4.611	11
213	4A	000510	3986	155.37428	3.898	13
214	4A	000979	3987	155.37339	3.897	13
215	4A	000869	3986	155.29456	3.896	13
216	4A	003148	3986	155.17498	3.893	13
217	4A	000285	3986	155.13512	3.892	13
218	4A	000438	3986	155.13512	3.892	13
219	4A	003060	4906	155.12772	3.162	16
220	4A	000301	3986	155.0554	3.89	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
221	4A	001772	3679	154.8859	4.21	12
222	4A	003091	4905	154.8018	3.156	16
223	3A	300084	4599	154.75635	3.365	15
224	4A	001503	4292	154.7266	3.605	14
225	4A	000937	5518	154.61436	2.802	18
226	4A	000394	4905	154.6056	3.152	16
227	4A	000293	4907	154.5705	3.15	16
228	4A	001230	4292	154.55492	3.601	14
229	4A	001243	4292	154.55492	3.601	14
230	4A	001133	5518	154.244654	2.7953	18
231	4A	000318	4907	154.207382	3.1426	16
232	3A	D39281	4904	153.88752	3.138	16
233	4A	001508	5519	153.70415	2.785	18
234	4A	002115	3984	153.70272	3.858	13
235	4A	000083	7694	153.672262	1.9973	25.08
236	4A	000362	3986	153.58058	3.853	13
237	4A	001586	5213	153.52285	2.945	17
238	4B	007910	11201	153.520906	1.3706	37
239	4A	001974	6133	153.44766	2.502	20
240	4A	000397	4905	153.4284	3.128	16
241	4A	000047	3987	153.30015	3.845	13
242	4A	000059	3987	153.18054	3.842	13
243	4A	000660	3986	153.0624	3.84	13
244	4A	001157	3986	152.98268	3.838	13
245	4A	000367	3985	152.90445	3.837	13
246	4A	000678	5214	152.87448	2.932	17
247	4A	PP5242	9504	152.5392	1.605	31
248	4A	001648	3986	152.34492	3.822	13
249	4A	001529	5212	152.29464	2.922	17
250	4A	001407	3986	152.2652	3.82	13
251	4A	000113	3986	152.18548	3.818	13
252	4A	000452	3987	152.10405	3.815	13
253	4A	000431	3986	152.0659	3.815	13
254	4A	001669	4599	152.04294	3.306	15
255	4A	000592	3986	152.02604	3.814	13
256	4A	000230	3986	151.98618	3.813	13
257	4A	002152	4599	151.95096	3.304	15
258	4A	002499	3066	151.9203	4.955	10
259	3A	D32466	3982	151.9133	3.815	13
260	4A	000118	3987	151.9047	3.81	13
261	4A	000710	3986	151.82674	3.809	13
262	4A	000872	9672	151.782696	1.5693	31.54
263	4A	000771	3985	151.7488	3.808	13
264	4A	000310	3986	151.74702	3.807	13
265	4A	000146	3986	151.70716	3.806	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
266	4A	000323	3986	151.70716	3.806	13
267	4A	003109	3986	151.70716	3.806	13
268	4A	000155	3986	151.62744	3.804	13
269	4A	000345	3986	151.62744	3.804	13
270	4A	000082	3986	151.58758	3.803	13
271	4A	002470	3986	151.58758	3.803	13
272	4A	001834	3984	151.47168	3.802	13
273	4A	000081	3987	151.46613	3.799	13
274	4A	000168	3986	151.34842	3.797	13
275	4A	000762	3986	151.34842	3.797	13
276	4A	001904	3066	151.33776	4.936	10
277	3A	300057	3065	151.31905	4.937	10
278	4A	001175	3680	151.248	4.11	12
279	4A	000578	3986	151.22884	3.794	13
280	4A	000003	4907	151.18467	3.081	16
281	4A	001968	3986	151.10926	3.791	13
282	4A	000681	2738	151.08284	5.518	8.93
283	4A	000861	4904	151.0432	3.08	16
284	4A	000954	3985	150.99165	3.789	13
285	4A	000561	4905	150.863085	3.0757	16
286	4A	000487	3986	150.71066	3.781	13
287	3B	UK0219	3372	150.66096	4.468	11
288	4A	002083	3678	150.65088	4.096	12
289	4A	002104	3985	150.59315	3.779	13
290	4A	003278	6458	150.426194	2.3293	21.06
291	4A	003031	3986	150.03304	3.764	13
292	3A	D23253	4597	149.990916	3.2628	15
293	4A	003121	3986	149.75402	3.757	13
294	4A	000097	3986	149.63444	3.754	13
295	4A	001342	7972	149.63444	1.877	26
296	3A	D31751	6132	149.55948	2.439	20
297	4A	000852	3986	149.43514	3.749	13
298	4A	002028	4597	149.12668	3.244	15
299	4A	000357	3986	149.0764	3.74	13
300	4A	001758	3372	148.94124	4.417	11
301	3A	D26097	3677	148.925854	4.0502	12
302	4A	000363	7360	148.8928	2.023	24
303	4A	000256	3986	148.83724	3.734	13
304	4A	001076	3984	148.76256	3.734	13
305	4A	001726	3985	148.76005	3.733	13
306	4A	002281	3371	148.52626	4.406	11
307	4A	002188	3372	148.368	4.4	11
308	4A	000402	3986	147.96032	3.712	13
309	4A	003002	6440	147.9268	2.297	21
310	4A	000492	6439	147.90383	2.297	21

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
311	4A	002121	3372	147.89592	4.386	11
312	4A	000100	3986	147.8806	3.71	13
313	4A	000493	9202	147.87614	1.607	30
314	4A	000559	3986	147.84074	3.709	13
315	4A	000350	3986	147.72116	3.706	13
316	4A	002120	3679	147.38074	4.006	12
317	4A	000315	3986	147.2827	3.695	13
318	4A	003058	5210	147.17729	2.8249	17
319	4A	000270	3986	147.04354	3.689	13
320	4B	008404	8633	146.899128	1.7016	28.17
321	4A	002130	3679	146.24025	3.975	12
322	4A	000453	3985	146.1698	3.668	13
323	4A	000005	5213	146.01613	2.801	17
324	4A	001188	3985	146.0104	3.664	13
325	4A	003023	4599	145.97226	3.174	15
326	4A	000354	5213	145.91187	2.799	17
327	4G	016895	2537	145.704984	5.7432	8.27
328	4A	000353	3985	145.6119	3.654	13
329	4A	000152	9355	145.591865	1.5563	30.5
330	4A	000960	4600	145.59	3.165	15
331	4G	016927	5826	145.47522	2.497	19
332	4A	002370	3678	145.42812	3.954	12
333	4A	001649	6439	145.39262	2.258	21
334	4A	001119	3679	145.28371	3.949	12
335	4A	000753	3986	145.17012	3.642	13
336	4A	000541	4600	144.8264	3.1484	15
337	4A	003041	3986	144.73166	3.631	13
338	4A	000469	3987	144.68823	3.629	13
339	4A	000422	3986	144.65194	3.629	13
340	4A	001804	3986	144.57222	3.627	13
341	4A	000624	3986	144.53236	3.626	13
342	4A	003271	3987	144.40914	3.622	13
343	4A	000433	3987	144.3294	3.62	13
344	4A	001045	3986	144.21348	3.618	13
345	4A	001183	9486	144.016452	1.5182	31
346	4A	000607	3986	143.8946	3.61	13
347	4A	000622	3986	143.8946	3.61	13
348	4A	002289	3986	143.8946	3.61	13
349	4A	000978	7559	143.893124	1.9036	24.66
350	4A	000601	4905	143.86365	2.933	16
351	4A	003361	4906	143.7458	2.93	16
352	4A	000052	3986	143.61558	3.603	13
353	4A	000650	3986	143.61558	3.603	13
354	4A	003233	3986	143.57572	3.602	13
355	4A	000418	3986	143.53586	3.601	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
356	4A	000842	8893	143.53302	1.614	29
357	4A	000266	3986	143.496	3.6	13
358	4A	003158	3986	143.496	3.6	13
359	4A	002313	3372	143.4786	4.255	11
360	4A	002390	5518	143.468	2.6	18
361	4A	000712	3984	143.38416	3.599	13
362	4A	000359	3986	143.37642	3.597	13
363	4A	000410	3986	143.37642	3.597	13
364	4A	000331	3986	143.2967	3.595	13
365	4A	000606	3986	143.25684	3.594	13
366	4A	000626	3986	143.25684	3.594	13
367	4A	003153	4906	143.20614	2.919	16
368	4A	000662	3680	143.152	3.89	12
369	4A	000112	3986	143.0974	3.59	13
370	4A	000491	3987	143.01369	3.587	13
371	4A	000272	5211	143.000262	2.7442	17
372	4A	000582	8893	142.73265	1.605	29
373	4A	000374	3987	142.65486	3.578	13
374	4A	000063	5213	142.559911	2.7347	17
375	4A	000742	8893	142.37693	1.601	29
376	3A	KM0017	3986	142.3002	3.57	13
377	3A	KM0024	3986	142.3002	3.57	13
378	4A	002253	3374	142.28158	4.217	11
379	4A	000987	5211	142.234245	2.7295	17
380	4A	000066	3986	142.22048	3.568	13
381	4F	009611	4905	142.19595	2.899	16
382	4A	000931	4905	142.16652	2.8984	16
383	4A	000483	3986	141.86174	3.559	13
384	4F	009519	4293	141.71193	3.301	14
385	4A	000464	3986	141.7023	3.555	13
386	4F	009610	4906	141.665656	2.8876	16
387	4A	001331	4292	141.636	3.3	14
388	4A	003301	6132	141.58788	2.309	20
389	4A	000927	3986	141.58272	3.552	13
390	4A	003151	5212	141.537072	2.7156	17
391	4A	000530	3985	141.3878	3.548	13
392	4A	000488	3986	141.26384	3.544	13
393	4A	000545	3985	141.1487	3.542	13
394	4A	000715	4906	140.99844	2.874	16
395	4A	000295	3986	140.54636	3.526	13
396	4A	000939	3986	140.34706	3.521	13
397	4A	001093	3679	140.28027	3.813	12
398	4A	001486	3986	140.06804	3.514	13
399	3A	D27169	4291	140.006748	3.2628	14
400	4A	000435	3985	139.91335	3.511	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
401	4A	000430	3986	139.7093	3.505	13
402	4A	002415	3066	139.68696	4.556	10
403	4A	000203	5825	139.6835	2.398	19
404	4A	000248	2145	139.534395	6.5051	6.99
405	4A	001954	3986	139.43028	3.498	13
406	4A	003166	3986	139.43028	3.498	13
407	4A	000839	3987	139.42539	3.497	13
408	4A	003253	3986	139.39042	3.497	13
409	4A	002384	3984	139.28064	3.496	13
410	4A	000907	3986	139.23098	3.493	13
411	4A	000075	3987	139.18617	3.491	13
412	4A	000638	3985	139.0765	3.49	13
413	4A	000496	3985	138.9968	3.488	13
414	4A	000217	3679	138.99262	3.778	12
415	4A	002311	3984	138.92208	3.487	13
416	4A	000115	3986	138.63308	3.478	13
417	4A	000296	3986	138.63308	3.478	13
418	4A	000773	3986	138.55336	3.476	13
419	4A	001664	3372	138.52176	4.108	11
420	4A	003353	3985	138.47875	3.475	13
421	4A	000867	4906	138.457132	2.8222	16
422	3A	A00713	5825	138.402	2.376	19
423	4A	001549	3373	138.32673	4.101	11
424	4A	000235	3986	138.3142	3.47	13
425	4A	000838	4903	138.043965	2.8155	16
426	4A	000656	3372	137.94852	4.091	11
427	4A	000857	3986	137.83588	3.458	13
428	4A	003052	3986	137.79602	3.457	13
429	4A	002051	3372	137.77992	4.086	11
430	4F	009504	4905	137.7324	2.808	16
431	4A	000201	3986	137.67644	3.454	13
432	3A	300139	6438	137.64444	2.138	21
433	4A	000610	3986	137.63658	3.453	13
434	4A	000202	3986	137.43728	3.448	13
435	4A	000693	3987	137.19267	3.441	13
436	4A	002126	3985	137.0043	3.438	13
437	4A	003280	4904	136.96872	2.793	16
438	4A	000589	3987	136.91358	3.434	13
439	3A	A05665	4905	136.8495	2.79	16
440	4A	002485	2759	136.79122	4.958	9
441	4A	000056	3986	136.64008	3.428	13
442	4A	003175	3986	136.64008	3.428	13
443	4A	003007	3987	136.63449	3.427	13
444	4A	003197	3987	136.59462	3.426	13
445	4A	002438	4293	136.5174	3.18	14

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
446	4A	001440	3986	136.44078	3.423	13
447	4A	003329	3985	136.40655	3.423	13
448	4A	000571	3986	136.40092	3.422	13
449	4A	000093	3986	136.36106	3.421	13
450	4A	002260	5212	136.24168	2.614	17
451	4A	000262	3986	136.16176	3.416	13
452	4A	000588	3987	135.9567	3.41	13
453	4A	003194	3985	135.92835	3.411	13
454	4A	003264	3986	135.9226	3.41	13
455	4A	000468	3985	135.8885	3.41	13
456	4A	000223	3986	135.76316	3.406	13
457	4A	002329	3986	135.76316	3.406	13
458	4A	003046	3986	135.76316	3.406	13
459	4A	001967	8586	135.74466	1.581	28
460	4A	000542	6442	135.66852	2.106	21
461	4A	000048	3986	135.64358	3.403	13
462	4A	000716	3986	135.64358	3.403	13
463	4A	000306	3679	135.60794	3.686	12
464	4A	000744	3985	135.5697	3.402	13
465	4A	000143	3372	135.561144	4.0202	11
466	4A	000579	3986	135.48414	3.399	13
467	4A	003296	3986	135.48414	3.399	13
468	3A	D29967	4291	135.38105	3.155	14
469	4A	000269	3986	135.36456	3.396	13
470	4A	001080	2759	135.30136	4.904	9
471	4A	000590	3986	135.28484	3.394	13
472	4A	002065	5520	135.1848	2.449	18
473	4A	000972	3986	135.16526	3.391	13
474	4A	001330	6132	135.08796	2.203	20
475	4A	000110	3986	135.08554	3.389	13
476	3A	D29631	4288	135.072	3.15	14
477	4A	001832	3066	135.0573	4.405	10
478	4A	001689	3987	135.03969	3.387	13
479	4A	000193	3986	134.84638	3.383	13
480	4A	003323	3986	134.84638	3.383	13
481	4A	003228	4599	134.84268	2.932	15
482	4A	000935	3986	134.80652	3.382	13
483	4A	000415	3987	134.80047	3.381	13
484	4A	000564	3987	134.80047	3.381	13
485	4A	000808	3066	134.72004	4.394	10
486	4A	000576	5826	134.69712	2.312	19
487	4A	001970	4599	134.56674	2.926	15
488	4A	000341	3987	134.56125	3.375	13
489	4A	000450	3985	134.5336	3.376	13
490	4A	000873	4293	134.49969	3.133	14

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
491	4A	003346	3986	134.48764	3.374	13
492	4A	002352	3066	134.47476	4.386	10
493	4A	000543	3986	134.44778	3.373	13
494	4A	001446	5825	134.441	2.308	19
495	4A	000697	3985	134.33435	3.371	13
496	4A	000708	9282	134.245566	1.4463	30.27
497	4A	002347	4599	134.24481	2.919	15
498	4A	001282	3986	134.20862	3.367	13
499	4A	001190	3373	134.14421	3.977	11
500	4A	000074	4907	134.044519	2.7317	16
501	4A	000692	3986	134.00932	3.362	13
502	4A	000646	6439	133.9312	2.08	21
503	4A	000505	4903	133.90093	2.731	16
504	4A	PT0012	3066	133.889154	4.3669	10
505	4A	000278	3066	133.8309	4.365	10
506	4A	001622	4598	133.38798	2.901	15
507	4A	002071	3984	133.38432	3.348	13
508	4A	000973	3373	133.2335	3.95	11
509	4A	003020	3373	133.16604	3.948	11
510	4A	003144	3372	133.16028	3.949	11
511	4A	000735	5825	133.153675	2.2859	19
512	3A	A02208	4292	133.103504	3.1012	14
513	4A	001517	3680	133.0688	3.616	12
514	4A	000885	8280	132.9768	1.606	27
515	4A	001454	3680	132.9584	3.613	12
516	4A	000878	3680	132.848	3.61	12
517	4A	000512	3986	132.81352	3.332	13
518	4A	000748	4600	132.6732	2.8842	15
519	4A	001746	3680	132.5904	3.603	12
520	4A	001171	3984	132.54768	3.327	13
521	4A	003186	4600	132.4478	2.8793	15
522	4A	001713	3678	132.37122	3.599	12
523	4A	003234	4293	132.35319	3.083	14
524	4A	000635	3987	132.20892	3.316	13
525	4A	000002	3986	132.1359	3.315	13
526	4A	003317	3987	132.12918	3.314	13
527	4A	001118	3986	132.05618	3.313	13
528	4A	002382	3373	132.05295	3.915	11
529	4A	000922	3986	131.9366	3.31	13
530	4A	001416	3986	131.9366	3.31	13
531	4A	000275	3985	131.78395	3.307	13
532	4A	000781	3986	131.7373	3.305	13
533	4A	000860	3986	131.69744	3.304	13
534	4A	000132	3987	131.69061	3.303	13
535	4A	003363	3986	131.65758	3.303	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
536	4A	000783	3984	131.55168	3.302	13
537	4A	000833	3986	131.49814	3.299	13
538	4A	000304	3986	131.45828	3.298	13
539	4A	000704	3986	131.41842	3.297	13
540	4A	000378	5827	131.404677	2.2551	19
541	4A	001216	3986	131.37856	3.296	13
542	4A	000472	3986	131.29884	3.294	13
543	4A	000008	3986	131.25898	3.293	13
544	4A	003217	3986	131.25898	3.293	13
545	4A	000532	3987	131.25204	3.292	13
546	4A	000657	3987	131.25204	3.292	13
547	4A	003208	3987	131.25204	3.292	13
548	4A	003140	3986	131.09954	3.289	13
549	4A	003320	3986	131.05968	3.288	13
550	4A	003344	3984	131.03376	3.289	13
551	4A	003306	3986	131.01982	3.287	13
552	4A	000403	5213	130.8463	2.51	17
553	3A	D44122	5827	130.845285	2.2455	19
554	4A	002287	3986	130.82052	3.282	13
555	4A	003312	3984	130.63536	3.279	13
556	4A	002351	6439	130.479896	2.0264	21
557	4A	001253	6744	130.42896	1.934	22
558	4A	000344	3987	130.01607	3.261	13
559	4A	003132	3987	130.01607	3.261	13
560	4A	003160	3987	129.93633	3.259	13
561	4A	001033	3986	129.7443	3.255	13
562	4A	003149	3987	129.73698	3.254	13
563	4A	003008	3986	129.50514	3.249	13
564	4A	000636	3985	129.3531	3.246	13
565	4A	003288	3986	129.26598	3.243	13
566	4A	001544	3678	129.0978	3.51	12
567	4A	001564	3986	129.02682	3.237	13
568	4A	003124	3986	128.9471	3.235	13
569	4A	001158	3373	128.88233	3.821	11
570	4A	000276	4293	128.83293	3.001	14
571	4A	000928	3987	128.81997	3.231	13
572	4A	003044	3987	128.81997	3.231	13
573	4A	002170	4599	128.81799	2.801	15
574	4A	000866	3986	128.78766	3.231	13
575	4A	000369	4598	128.771588	2.8006	15
576	4A	002123	3680	128.7632	3.499	12
577	4F	009629	4598	128.744	2.8	15
578	4A	000930	3987	128.66049	3.227	13
579	4A	000826	3987	128.62062	3.226	13
580	4A	000934	3987	128.58075	3.225	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
581	4A	003357	3986	128.5485	3.225	13
582	4A	001201	3372	128.4732	3.81	11
583	4A	000252	3986	128.38906	3.221	13
584	4A	003179	3987	128.3814	3.22	13
585	4A	000751	3986	128.3492	3.22	13
586	4A	000481	3987	128.30166	3.218	13
587	4A	000888	3987	128.26179	3.217	13
588	4A	003195	4600	128.248	2.788	15
589	4A	000336	3986	128.22962	3.217	13
590	4A	003064	3986	128.22962	3.217	13
591	4A	000159	3986	128.18976	3.216	13
592	4A	000877	3987	128.18205	3.215	13
593	4A	000586	4906	128.100566	2.6111	16
594	4A	002366	4906	128.09566	2.611	16
595	4A	003328	3985	128.0779	3.214	13
596	4A	001310	4292	128.07328	2.984	14
597	4A	000279	3986	127.9506	3.21	13
598	4A	003292	3986	127.9506	3.21	13
599	3A	D40733	3065	127.923905	4.1737	10
600	4A	000176	3986	127.91074	3.209	13
601	4A	000933	3986	127.91074	3.209	13
602	4A	003192	3986	127.91074	3.209	13
603	4A	000623	3987	127.86309	3.207	13
604	4A	000417	3986	127.79116	3.206	13
605	4A	000990	3986	127.79116	3.206	13
606	4A	001761	3371	127.69348	3.788	11
607	3A	300173	3984	127.64736	3.204	13
608	4A	000181	3986	127.63172	3.202	13
609	4A	001102	2760	127.6224	4.624	9
610	4A	002029	3986	127.59186	3.201	13
611	4A	002024	7051	127.55259	1.809	23
612	4A	003113	5520	127.512	2.31	18
613	4A	000009	3986	127.43242	3.197	13
614	4A	000575	3986	127.39256	3.196	13
615	4A	000620	3986	127.360672	3.1952	13
616	4A	002062	3985	127.24105	3.193	13
617	4A	001808	3680	127.0704	3.453	12
618	4A	000142	3986	126.9541	3.185	13
619	4A	000880	3985	126.92225	3.185	13
620	4A	003270	3986	126.91424	3.184	13
621	3B	R28126	4293	126.90108	2.956	14
622	4A	003302	3984	126.8904	3.185	13
623	4A	000167	3986	126.83452	3.182	13
624	4A	000659	3987	126.74673	3.179	13
625	4A	000459	3986	126.67508	3.178	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
626	4A	003079	3986	126.67508	3.178	13
627	4A	000138	5515	126.6244	2.296	18
628	4A	000421	3986	126.59536	3.176	13
629	4A	003059	3985	126.5636	3.176	13
630	4A	PT0110	3680	126.408	3.435	12
631	4A	003108	3986	126.3562	3.17	13
632	4A	003005	5213	126.1546	2.42	17
633	4A	003004	3987	125.82972	3.156	13
634	4A	000395	2299	125.803579	5.4721	7.49
635	4A	000652	3987	125.78985	3.155	13
636	4A	001198	3066	125.706	4.1	10
637	3A	D30475	3984	125.6952	3.155	13
638	4A	001222	3680	125.672	3.415	12
639	4A	003088	3984	125.37648	3.147	13
640	4G	018247	4599	125.32275	2.725	15
641	3A	D29961	3678	125.294748	3.4066	12
642	4A	000429	4292	125.24056	2.918	14
643	4A	000179	3680	125.1936	3.402	12
644	4A	000122	4294	125.152924	2.9146	14
645	4A	001725	2750	125.1305	4.5502	8.96
646	4A	000792	3986	125.04082	3.137	13
647	4A	002057	3987	124.99245	3.135	13
648	4A	000556	3986	124.92124	3.134	13
649	4A	003185	3986	124.92124	3.134	13
650	4A	002408	3984	124.8984	3.135	13
651	4A	000732	3986	124.88138	3.133	13
652	4A	003115	4292	124.85428	2.909	14
653	4A	000392	3987	124.83297	3.131	13
654	4A	000899	3986	124.80166	3.131	13
655	4A	003310	3986	124.80166	3.131	13
656	4A	003150	3986	124.7618	3.13	13
657	4A	003037	3986	124.72194	3.129	13
658	4A	000959	3986	124.68208	3.128	13
659	4A	003222	3987	124.67349	3.127	13
660	4F	009623	3076	124.645672	4.0522	10.03
661	4A	000192	3987	124.47414	3.122	13
662	4A	000633	3986	124.40306	3.121	13
663	4A	000805	3986	124.40306	3.121	13
664	4A	000924	3986	124.3632	3.12	13
665	4A	003204	3986	124.3632	3.12	13
666	4A	000236	3986	124.32334	3.119	13
667	4A	001014	2759	124.29295	4.505	9
668	4A	003283	3986	124.28348	3.118	13
669	4A	000308	3986	124.24362	3.117	13
670	4A	003191	3987	124.23492	3.116	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
671	4A	003024	3986	124.04432	3.112	13
672	4A	003309	3986	123.9646	3.11	13
673	4A	000228	3986	123.84502	3.107	13
674	3A	D45505	3984	123.810768	3.1077	13
675	4A	000573	3986	123.80516	3.106	13
676	4A	000947	3986	123.7653	3.105	13
677	4A	000980	3986	123.68558	3.103	13
678	4A	000267	3985	123.6147	3.102	13
679	4A	000581	7667	123.59204	1.612	25
680	4A	002185	3065	123.5808	4.032	10
681	4A	000016	3986	123.566	3.1	13
682	4A	000313	3986	123.48628	3.098	13
683	4A	000859	3986	123.48628	3.098	13
684	4A	001853	3986	123.48628	3.098	13
685	4A	003305	3987	123.43752	3.096	13
686	4A	003337	3987	123.43752	3.096	13
687	4A	000729	3986	123.40656	3.096	13
688	4A	000714	3986	123.32684	3.094	13
689	4A	001711	3066	123.31452	4.022	10
690	4A	003105	3984	123.26496	3.094	13
691	4A	003050	2758	123.230198	4.4681	9
692	4A	000099	3986	123.20726	3.091	13
693	4A	003042	3987	123.1983	3.09	13
694	3A	D24111	3066	123.13056	4.016	10
695	4A	000953	3986	123.12754	3.089	13
696	4A	PP5274	3066	123.0999	4.015	10
697	4A	000616	3986	123.08768	3.088	13
698	3A	300186	3065	123.05975	4.015	10
699	4A	003073	3985	123.0568	3.088	13
700	4A	000389	3984	123.02592	3.088	13
701	4A	000819	3987	122.979015	3.0845	13
702	3A	300179	3984	122.9064	3.085	13
703	4A	000552	3986	122.88838	3.083	13
704	3B	LU0457	4907	122.87128	2.504	16
705	4A	000671	3987	122.83947	3.081	13
706	3A	300118	3066	122.76264	4.004	10
707	4A	001339	6132	122.76264	2.002	20
708	4A	001482	6132	122.76264	2.002	20
709	3A	300214	3065	122.75325	4.005	10
710	4A	001138	3066	122.73198	4.003	10
711	4A	000981	7053	122.7222	1.74	23
712	4A	000941	3984	122.7072	3.08	13
713	4A	000446	3985	122.69815	3.079	13
714	3A	D50796	3066	122.646132	4.0002	10
715	4A	000720	3985	122.53875	3.075	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
716	4A	000553	7668	122.53464	1.598	25
717	3A	D39627	3065	122.4774	3.996	10
718	4A	003176	3984	122.46816	3.074	13
719	4A	000103	3985	122.3395	3.07	13
720	4A	000531	3986	122.29048	3.068	13
721	3A	D31822	3704	122.232	3.3	12.08
722	4A	003279	3986	122.1709	3.065	13
723	3A	N16114	3679	121.969887	3.3153	12
724	3A	N16121	3679	121.969887	3.3153	12
725	4A	KM0752	2453	121.76692	4.964	8
726	4A	002061	3372	121.49316	3.603	11
727	4A	000868	3372	121.392	3.6	11
728	3A	D26830	2452	121.07976	4.938	8
729	4A	003198	4294	120.863218	2.8147	14
730	4A	002337	4293	120.84795	2.815	14
731	4A	000480	3986	120.81566	3.031	13
732	4A	000547	3984	120.75504	3.031	13
733	4A	000778	4293	120.71916	2.812	14
734	4A	003308	3984	120.67536	3.029	13
735	4A	000207	5212	120.50144	2.312	17
736	4A	000408	3985	120.46655	3.023	13
737	4A	000307	3986	120.45692	3.022	13
738	4A	003358	3986	120.33734	3.019	13
739	4A	003164	3986	120.29748	3.018	13
740	4A	002388	3066	120.12588	3.918	10
741	4A	000225	3986	120.09818	3.013	13
742	4A	002462	4599	120.07989	2.611	15
743	4A	001626	12492	120.073104	0.9612	40.74
744	4A	003356	3985	120.0282	3.012	13
745	4A	000797	4293	119.98935	2.795	14
746	4A	000116	3986	119.9786	3.01	13
747	4A	000470	3986	119.93874	3.009	13
748	3A	D31024	4293	119.86056	2.792	14
749	4A	002118	3065	119.8415	3.91	10
750	4A	002101	3372	119.73972	3.551	11
751	4A	000830	3986	119.65972	3.002	13
752	4A	000398	3987	119.64987	3.001	13
753	4A	000162	3986	119.61986	3.001	13
754	4A	000467	3986	119.61986	3.001	13
755	4A	000149	3987	119.57013	2.999	13
756	4A	003244	3987	119.57013	2.999	13
757	4A	001491	4597	119.56797	2.601	15
758	4A	000666	3986	119.46042	2.997	13
759	4A	001595	6439	119.44345	1.855	21
760	4A	000294	3986	119.3807	2.995	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
761	4A	003018	3986	119.1814	2.99	13
762	4A	000371	3987	119.17143	2.989	13
763	4A	000069	3986	119.14154	2.989	13
764	4A	001561	3985	119.0718	2.988	13
765	4A	000921	3987	118.85247	2.981	13
766	4A	000455	3986	118.82266	2.981	13
767	4A	000834	2759	118.80254	4.306	9
768	4A	001847	3984	118.7232	2.98	13
769	4A	003286	3986	118.5835	2.975	13
770	4A	000603	3987	118.57338	2.974	13
771	4A	001479	4601	118.33772	2.572	15
772	4A	003273	3986	118.30448	2.968	13
773	4A	001815	3987	118.17468	2.964	13
774	3A	A02877	3986	118.10518	2.963	13
775	4A	000903	3678	117.946104	3.2068	12
776	4A	000135	4905	117.86715	2.403	16
777	4A	000676	3986	117.86602	2.957	13
778	4A	003120	3678	117.73278	3.201	12
779	4A	002452	3986	117.66672	2.952	13
780	4A	000557	3986	117.62686	2.951	13
781	4A	001600	3371	117.51306	3.486	11
782	4A	000695	3986	117.50728	2.948	13
783	4A	001766	3986	117.34784	2.944	13
784	4A	001153	7359	117.30246	1.594	24
785	4A	000855	3680	117.2448	3.186	12
786	4A	000923	3985	117.159	2.94	13
787	4A	PP5268	7051	116.97609	1.659	23
788	4B	006234	4907	116.93381	2.383	16
789	4A	003071	3986	116.893436	2.9326	13
790	4A	001209	3986	116.86952	2.932	13
791	4A	001258	3987	116.69949	2.927	13
792	4A	002322	3986	116.5905	2.925	13
793	4A	003284	3984	116.57184	2.926	13
794	4A	003350	3986	116.43106	2.921	13
795	4A	003013	3985	116.40185	2.921	13
796	4A	001278	4292	116.39904	2.712	14
797	4A	003215	3986	116.3912	2.92	13
798	4A	000206	3986	116.1919	2.915	13
799	4A	003294	4293	116.16858	2.706	14
800	4A	003190	3986	116.15204	2.914	13
801	4A	001922	3065	115.9796	3.784	10
802	4A	002079	3986	115.95274	2.909	13
803	3A	D28331	3986	115.87302	2.907	13
804	4B	005161	7637	115.715824	1.5152	24.9
805	4A	000111	3986	115.63386	2.901	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
806	4A	000895	3986	115.594	2.9	13
807	4A	000648	3987	115.58313	2.899	13
808	4A	003082	3986	115.55414	2.899	13
809	3A	D27979	6748	115.52576	1.712	22
810	4A	003263	3986	115.43456	2.896	13
811	3A	D36162	3678	115.41564	3.138	12
812	4A	002073	9656	115.29264	1.194	31.49
813	4A	003180	3680	115.29072	3.1329	12
814	4A	003335	3986	115.27512	2.892	13
815	3A	300104	3986	115.23526	2.891	13
816	4A	001343	3986	115.1954	2.89	13
817	4A	001592	3986	115.1954	2.89	13
818	4A	002324	3373	115.18795	3.415	11
819	4A	000705	3679	115.145342	3.1298	12
820	4A	003056	3986	115.11568	2.888	13
821	4A	000309	3680	115.10304	3.1278	12
822	4A	003327	3986	115.03596	2.886	13
823	4A	002139	5213	114.99878	2.206	17
824	4A	002239	3986	114.9961	2.885	13
825	4A	001467	3372	114.9852	3.41	11
826	4A	000680	4907	114.760009	2.3387	16
827	4A	000497	3372	114.648	3.4	11
828	4A	001660	3678	114.60648	3.116	12
829	4A	003065	3986	114.55764	2.874	13
830	4A	000776	3986	114.47792	2.872	13
831	4A	001087	7198	114.275448	1.5876	23.47
832	4A	001895	3680	114.16096	3.1022	12
833	4A	003298	4290	113.84802	2.6538	14
834	4A	002030	5211	113.80824	2.184	17
835	4A	000147	3679	113.38678	3.082	12
836	4A	003025	3679	113.38678	3.082	12
837	4A	000831	3679	113.375743	3.0817	12
838	4A	000802	4905	113.3055	2.31	16
839	4A	001473	2758	113.24348	4.106	9
840	4B	009164	8472	112.813152	1.3316	27.63
841	3A	N16106	3371	112.766692	3.3452	11
842	4A	002361	3985	112.65595	2.827	13
843	3A	N16096	3372	112.105512	3.3246	11
844	4A	000998	3986	112.04646	2.811	13
845	3A	N16147	3371	111.758763	3.3153	11
846	4A	000031	3986	111.608	2.8	13
847	4A	003099	3986	111.608	2.8	13
848	4A	001677	2759	111.49119	4.041	9
849	4A	000182	3985	111.488345	2.7977	13
850	4G	117068	15331	111.195743	0.7253	50

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
851	3A	D25825	2760	111.09552	4.0252	9
852	4A	KM1089	2453	110.946737	4.5229	8
853	4A	001108	2759	110.80144	4.016	9
854	3A	D35146	2759	110.721429	4.0131	9
855	4A	000534	3987	110.71899	2.777	13
856	4G	116906	15331	110.68982	0.722	50
857	4A	000503	3986	110.65136	2.776	13
858	3A	N16057	3372	110.574624	3.2792	11
859	4A	001670	2759	110.52554	4.006	9
860	4A	000777	2759	110.47036	4.004	9
861	4A	003098	3987	110.36016	2.768	13
862	3A	D26477	2758	110.187616	3.9952	9
863	3A	A01399	3065	110.18675	3.595	10
864	4A	002184	7358	110.141902	1.4969	24
865	4Y	031821	5988	109.963632	1.8364	19.52
866	4A	000809	2462	109.893832	4.4636	8.03
867	4A	000477	7737	109.826715	1.4195	25.24
868	4A	000812	3986	109.45556	2.746	13
869	4G	102014	3986	109.45556	2.746	13
870	4G	116946	15331	109.31003	0.713	50
871	4G	117041	15331	109.233375	0.7125	50
872	4G	116964	15025	109.156625	0.7265	49
873	4G	117077	15025	109.11155	0.7262	49
874	4A	003016	3984	108.998256	2.7359	13
875	4A	003348	2759	108.9805	3.95	9
876	4A	000765	3986	108.93738	2.733	13
877	4A	001024	3067	108.90917	3.551	10
878	4A	000109	3681	108.88398	2.958	12
879	4A	000806	2759	108.84255	3.945	9
880	4A	000320	3984	108.791088	2.7307	13
881	4A	002248	3986	108.73808	2.728	13
882	3A	N16077	3985	108.73471	2.7286	13
883	4A	000229	3987	108.60588	2.724	13
884	4A	000653	3985	108.57531	2.7246	13
885	4A	000664	3983	108.552682	2.7254	13
886	4G	116197	15025	108.5406	0.7224	49
887	4A	000419	5213	108.53466	2.082	17
888	4A	001283	3986	108.45906	2.721	13
889	4G	116960	15027	108.34467	0.721	49
890	4G	116963	15025	108.33025	0.721	49
891	4A	002000	2453	108.32448	4.416	8
892	4A	000825	3986	108.29962	2.717	13
893	4G	117050	15025	108.18	0.72	49
894	4A	000677	6748	108.17044	1.603	22
895	4A	003104	6747	108.15441	1.603	22

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
896	4A	003268	3986	108.06046	2.711	13
897	4A	001252	6745	108.0549	1.602	22
898	4A	003266	4293	108.05481	2.517	14
899	4A	000786	3987	108.0477	2.71	13
900	4A	001748	3373	108.03719	3.203	11
901	4A	000447	3372	108.00516	3.203	11
902	4B	005734	6770	107.98827	1.5951	22.08
903	4G	117065	15027	107.89386	0.718	49
904	4A	001498	3372	107.833188	3.1979	11
905	4A	003119	3986	107.8213	2.705	13
906	4A	001464	2452	107.81444	4.397	8
907	4A	002211	2452	107.81444	4.397	8
908	4A	003224	3986	107.78144	2.704	13
909	3A	300172	3372	107.7354	3.195	11
910	4G	116916	15025	107.72925	0.717	49
911	4A	PT0157	2452	107.696744	4.3922	8
912	4A	001447	3679	107.64754	2.926	12
913	4A	000049	3987	107.60913	2.699	13
914	4A	001465	3677	107.58902	2.926	12
915	4A	000882	3986	107.58214	2.699	13
916	4A	002099	3986	107.54228	2.698	13
917	3A	300034	3987	107.40978	2.694	13
918	4G	116187	15025	107.3386	0.7144	49
919	4G	117005	15025	107.293525	0.7141	49
920	4A	000330	3986	107.2234	2.69	13
921	4A	000854	4599	107.221086	2.3314	15
922	4G	116223	15025	107.12825	0.713	49
923	4G	116255	15025	107.113225	0.7129	49
924	4A	000194	4292	107.0854	2.495	14
925	4G	116949	14718	106.99986	0.727	48
926	4G	116106	15027	106.99224	0.712	49
927	4G	116130	15027	106.99224	0.712	49
928	4G	117062	14720	106.98496	0.7268	48
929	4G	116149	15025	106.978	0.712	49
930	4A	000163	3986	106.86466	2.681	13
931	4A	003281	4600	106.858	2.323	15
932	4A	000211	3987	106.77186	2.678	13
933	4A	000068	7645	106.7242	1.396	24.93
934	4G	117093	14720	106.5728	0.724	48
935	4G	117070	14718	106.528884	0.7238	48
936	4A	000668	4599	106.37487	2.313	15
937	3A	D38958	3372	106.25172	3.151	11
938	4A	000208	8895	105.99282	1.1916	29
939	4A	PK1349	2145	105.5769	4.922	7
940	4F	009640	3986	105.565224	2.6484	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
941	3A	D37888	5736	105.5424	1.84	18.7
942	4G	116274	14718	105.52806	0.717	48
943	3A	D39701	2146	105.45444	4.914	7
944	4G	101448	4292	105.45444	2.457	14
945	4G	116267	14718	105.38088	0.716	48
946	4A	001684	4597	105.22533	2.289	15
947	4A	KM1588	2146	105.19692	4.902	7
948	4A	000977	5212	105.12604	2.017	17
949	4A	000958	3987	105.09732	2.636	13
950	4G	116996	14720	104.9536	0.713	48
951	4A	000741	3986	104.95138	2.633	13
952	4A	000484	3987	104.81823	2.629	13
953	4A	001042	2145	104.8047	4.886	7
954	4G	116233	14718	104.79216	0.712	48
955	4A	000044	3986	104.71222	2.627	13
956	4A	000187	3986	104.6325	2.625	13
957	4A	000790	7514	104.609908	1.3922	24.5
958	4A	002218	3680	104.5856	2.842	12
959	3A	300093	3066	104.553666	3.4101	10
960	4A	000454	3986	104.4332	2.62	13
961	4A	000463	3986	104.4332	2.62	13
962	4A	000549	3985	104.36715	2.619	13
963	4A	000637	3986	104.2339	2.615	13
964	4A	000027	3986	104.19404	2.614	13
965	4A	000619	3986	104.19404	2.614	13
966	4A	000379	3985	104.1679	2.614	13
967	4A	001914	3986	104.15418	2.613	13
968	4A	003239	3987	104.14044	2.612	13
969	4A	000265	3373	104.070542	3.0854	11
970	4A	000337	3066	104.06004	3.394	10
971	4A	003202	3373	104.043558	3.0846	11
972	4A	000750	3987	104.02083	2.609	13
973	4A	001048	3987	104.02083	2.609	13
974	4A	000910	3985	103.96865	2.609	13
975	4A	001751	3986	103.95488	2.608	13
976	4A	003155	6440	103.8772	1.613	21
977	4A	001129	3065	103.87285	3.389	10
978	4A	000148	3987	103.86135	2.605	13
979	4A	001526	3985	103.7694	2.604	13
980	4G	116609	14411	103.7592	0.72	47
981	4A	000621	3985	103.6897	2.602	13
982	4A	003303	3986	103.67586	2.601	13
983	4A	000268	3986	103.51642	2.597	13
984	4A	000846	3679	103.45348	2.812	12
985	4A	000734	3985	103.4506	2.596	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
986	4A	000837	6440	103.2976	1.604	21
987	4A	000737	3373	103.284633	3.0621	11
988	4G	117082	14414	103.20424	0.716	47
989	4A	000338	6440	103.1688	1.602	21
990	4A	000599	3986	103.07796	2.586	13
991	4A	000747	6441	103.056	1.6	21
992	4A	000968	3985	103.01225	2.585	13
993	4A	000104	3986	102.99824	2.584	13
994	4A	000169	3986	102.99824	2.584	13
995	4G	116361	14411	102.89454	0.714	47
996	4G	116983	14411	102.89454	0.714	47
997	4A	000787	3987	102.82473	2.579	13
998	4G	112748	14411	102.75043	0.713	47
999	4A	003103	3986	102.6395	2.575	13
1000	4G	116234	14411	102.60632	0.712	47
1001	4A	001614	3066	102.58836	3.346	10
1002	4A	000428	3987	102.58551	2.573	13
1003	4A	000061	3372	102.57624	3.042	11
1004	4G	117060	14105	102.09199	0.7238	46
1005	3A	N16032	3066	102.091668	3.3298	10
1006	3A	N16101	3065	101.89899	3.3246	10
1007	4G	116200	14105	101.8381	0.722	46
1008	4A	000188	3373	101.712815	3.0155	11
1009	3A	N16116	3066	101.647098	3.3153	10
1010	3A	N16117	3066	101.647098	3.3153	10
1011	4A	000165	3066	101.6379	3.315	10
1012	3A	N16065	3065	101.613945	3.3153	10
1013	4G	116920	14105	101.556	0.72	46
1014	4A	001931	2146	101.5058	4.73	7
1015	4A	000264	5826	101.319966	1.7391	19
1016	4A	000772	2759	101.20012	3.668	9
1017	3A	N16124	3065	101.16952	3.3008	10
1018	3A	N16034	3066	101.16267	3.2995	10
1019	3A	N16094	3066	101.135076	3.2986	10
1020	4A	000366	3987	101.03058	2.534	13
1021	4A	001810	3986	101.00524	2.534	13
1022	4G	117079	14107	100.86505	0.715	46
1023	4G	117095	14107	100.86505	0.715	46
1024	4G	116971	14105	100.56865	0.713	46
1025	3A	D31160	3372	100.55304	2.982	11
1026	4A	PK1181	2452	100.532	4.1	8
1027	4A	003083	4599	100.35018	2.182	15
1028	4G	117044	13798	100.31146	0.727	45
1029	4A	000001	3986	100.2479	2.515	13
1030	4A	000827	3986	100.20804	2.514	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1031	4A	000780	3680	100.1696	2.722	12
1032	4A	001255	3985	100.1032	2.512	13
1033	3A	A01896	3065	100.0416	3.264	10
1034	3A	D27172	3680	99.9856	2.717	12
1035	4A	000246	3986	99.88916	2.506	13
1036	4A	000054	3373	99.77334	2.958	11
1037	4A	001109	2758	99.72928	3.616	9
1038	4A	001001	3986	99.65	2.5	13
1039	4G	110544	13798	99.62156	0.722	45
1040	3A	300195	3372	99.54144	2.952	11
1041	4A	003029	3987	99.51552	2.496	13
1042	3A	D38046	2758	99.50864	3.608	9
1043	4A	002027	3985	99.4656	2.496	13
1044	4A	000950	3680	99.4336	2.702	12
1045	4A	003118	2759	99.37918	3.602	9
1046	4G	018289	3679	99.333	2.7	12
1047	4A	003136	3679	99.299889	2.6991	12
1048	4G	100010	3986	99.17168	2.488	13
1049	4A	000461	3373	99.13247	2.939	11
1050	4A	000615	3986	99.13182	2.487	13
1051	4G	116903	13798	99.06964	0.718	45
1052	4A	001822	5212	98.960244	1.8987	17
1053	4A	000057	2758	98.90188	3.586	9
1054	4A	001981	3986	98.89266	2.481	13
1055	3A	D25672	2452	98.722424	4.0262	8
1056	4A	000427	4293	98.61021	2.297	14
1057	3A	D34780	2453	98.460967	4.0139	8
1058	3A	D25226	2450	98.4557	4.0186	8
1059	3A	300073	2452	98.4478	4.015	8
1060	4A	000892	3986	98.33462	2.467	13
1061	4A	003102	6133	98.31199	1.603	20
1062	4A	003161	6133	98.31199	1.603	20
1063	4A	000551	3987	98.27955	2.465	13
1064	4A	000670	3987	98.27955	2.465	13
1065	4A	003133	3987	98.255628	2.4644	13
1066	4A	000390	3986	98.21504	2.464	13
1067	4A	001587	3986	98.21504	2.464	13
1068	4A	002108	3986	98.21504	2.464	13
1069	4A	003077	6133	98.18933	1.601	20
1070	3A	A01379	2452	98.17808	4.004	8
1071	4A	000383	3986	98.17518	2.463	13
1072	4A	000486	3986	98.17518	2.463	13
1073	4A	003324	3987	98.12007	2.461	13
1074	4A	002478	3986	98.09546	2.461	13
1075	4A	000832	3987	98.04033	2.459	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1076	4A	001948	3987	98.00046	2.458	13
1077	4A	000380	2452	97.98192	3.996	8
1078	4A	003087	3986	97.97588	2.458	13
1079	4A	003048	2453	97.97282	3.994	8
1080	4A	003332	3987	97.92072	2.456	13
1081	4A	002315	3066	97.86672	3.192	10
1082	4A	000904	3987	97.80111	2.453	13
1083	3A	D24528	2453	97.609776	3.9792	8
1084	4A	001169	3987	97.44228	2.444	13
1085	4A	001899	2760	97.428	3.53	9
1086	4A	000407	3987	97.40241	2.443	13
1087	4G	117004	13492	97.27732	0.721	44
1088	4A	000971	3986	97.2584	2.44	13
1089	4A	000798	3987	97.20306	2.438	13
1090	4G	116944	13492	97.1424	0.72	44
1091	4G	117042	13492	97.00748	0.719	44
1092	4B	006773	3987	96.92397	2.431	13
1093	4A	003006	3987	96.84423	2.429	13
1094	3B	BNF208	2146	96.76314	4.509	7
1095	4A	003231	3986	96.74022	2.427	13
1096	4G	116941	13492	96.73764	0.717	44
1097	3A	D31047	3066	96.7323	3.155	10
1098	4A	002303	2452	96.68236	3.943	8
1099	4A	001322	3987	96.64488	2.424	13
1100	4A	001813	4599	96.62499	2.101	15
1101	4A	PT0119	2147	96.615	4.5	7
1102	4G	116262	13492	96.60272	0.716	44
1103	4G	116310	13492	96.60272	0.716	44
1104	4A	000196	3066	96.579	3.15	10
1105	4G	116990	13494	96.509088	0.7152	44
1106	3A	D27747	3063	96.4845	3.15	10
1107	4G	116955	13494	96.4821	0.715	44
1108	4A	001229	3987	96.44553	2.419	13
1109	4A	000037	3066	96.24174	3.139	10
1110	4B	006435	3987	96.0867	2.41	13
1111	4G	116989	13492	96.06304	0.712	44
1112	4B	006333	3987	96.00696	2.408	13
1113	4B	006551	3987	96.00696	2.408	13
1114	4A	000799	3985	95.99865	2.409	13
1115	3A	D34785	3066	95.913678	3.1283	10
1116	4A	000731	3986	95.82344	2.404	13
1117	4A	003297	3986	95.82344	2.404	13
1118	4B	006004	3986	95.78358	2.403	13
1119	4B	006951	3985	95.75955	2.403	13
1120	4A	000632	3986	95.74372	2.402	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1121	4A	000782	3985	95.60015	2.399	13
1122	4B	008285	3987	95.52852	2.396	13
1123	4A	000803	3986	95.50456	2.396	13
1124	4A	000679	3680	95.4592	2.594	12
1125	4A	001110	3986	95.30526	2.391	13
1126	4A	001457	3067	95.19968	3.104	10
1127	4A	000329	3066	95.16864	3.104	10
1128	4A	002192	3985	95.12195	2.387	13
1129	4B	006096	3987	95.05008	2.384	13
1130	4A	000567	3987	94.97034	2.382	13
1131	4B	008132	3987	94.97034	2.382	13
1132	4A	000948	3372	94.891452	2.8141	11
1133	4A	000413	3066	94.543176	3.0836	10
1134	4G	116288	13185	94.53645	0.717	43
1135	4B	008015	7964	94.524716	1.1869	25.97
1136	4G	116975	13185	94.496895	0.7167	43
1137	4A	002014	2146	94.424	4.4	7
1138	4G	116914	13185	94.4046	0.716	43
1139	4B	007011	9330	94.33563	1.0111	30.42
1140	4G	117006	13185	94.27275	0.715	43
1141	4G	117074	13185	94.27275	0.715	43
1142	4A	003015	3980	94.15884	2.3658	13
1143	4G	116937	13187	94.15518	0.714	43
1144	4G	117037	13185	94.00905	0.713	43
1145	3A	D27779	3678	93.987612	2.5554	12
1146	4A	002411	2760	93.8952	3.402	9
1147	4G	116062	13187	93.89144	0.712	43
1148	4G	116090	13185	93.8772	0.712	43
1149	4G	116358	13185	93.8772	0.712	43
1150	4A	000373	2759	93.86118	3.402	9
1151	4A	001736	2759	93.83359	3.401	9
1152	4A	000813	3987	93.73437	2.351	13
1153	4A	PP5238	5823	93.51738	1.606	19
1154	3A	D37545	3678	93.20052	2.534	12
1155	4G	117090	12878	93.120818	0.7231	42
1156	4G	133385	2759	93.11625	3.375	9
1157	4G	116918	12878	92.85038	0.721	42
1158	4G	116936	12878	92.7216	0.72	42
1159	4G	116978	12878	92.7216	0.72	42
1160	4G	116577	12878	92.59282	0.719	42
1161	4G	116919	12878	92.20648	0.716	42
1162	4A	000328	3986	92.19618	2.313	13
1163	3A	N16105	3372	92.042112	2.7296	11
1164	4A	000902	3066	92.01066	3.001	10
1165	4A	000974	3986	91.949048	2.3068	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1166	3A	N16031	2759	91.869182	3.3298	9
1167	4A	000401	3066	91.85736	2.996	10
1168	4A	000215	3370	91.84598	2.7254	11
1169	4A	003171	3372	91.799328	2.7224	11
1170	4A	003106	5213	91.7488	1.76	17
1171	3A	N16107	2759	91.725714	3.3246	9
1172	4G	116158	12878	91.69136	0.712	42
1173	4A	000815	4600	91.54	1.99	15
1174	3A	KM0027	2753	91.45466	3.322	9
1175	4A	000356	3373	91.44203	2.711	11
1176	4A	000384	3986	91.15982	2.287	13
1177	4A	001199	3986	91.04024	2.284	13
1178	4A	003345	2759	90.93664	3.296	9
1179	4A	000587	5850	90.9324	1.5544	19.08
1180	4B	006750	7436	90.890228	1.2223	24.25
1181	4A	000376	3986	90.8808	2.28	13
1182	4A	000247	2759	90.68833	3.287	9
1183	4A	001623	3987	90.5049	2.27	13
1184	3A	N16048	2759	90.473128	3.2792	9
1185	4A	000340	2756	90.43814	3.2815	9
1186	4G	116281	12572	90.39268	0.719	41
1187	4A	000563	3987	90.30555	2.265	13
1188	4G	116900	12572	90.26696	0.718	41
1189	4F	009515	3371	90.187734	2.6754	11
1190	4G	116957	12574	90.15558	0.717	41
1191	4G	116966	12574	90.15558	0.717	41
1192	4G	116931	12572	90.14124	0.717	41
1193	4A	002165	3065	90.111	2.94	10
1194	4A	001538	2146	90.06762	4.197	7
1195	4G	116921	12572	90.01552	0.716	41
1196	4A	002132	3985	89.9813	2.258	13
1197	4A	000221	3986	89.92416	2.256	13
1198	4G	116927	12572	89.914944	0.7152	41
1199	4A	000412	3986	89.8843	2.255	13
1200	4A	000502	3066	89.80314	2.929	10
1201	4A	000238	3986	89.76472	2.252	13
1202	3A	D31578	3066	89.668236	2.9246	10
1203	3A	D42516	3066	89.668236	2.9246	10
1204	4A	003262	3986	89.56542	2.247	13
1205	3A	300024	3675	89.55975	2.437	12
1206	4G	116179	12572	89.51264	0.712	41
1207	4A	001604	2759	89.50196	3.244	9
1208	3A	D23248	5213	89.241347	1.7119	17
1209	4G	116972	12265	89.203345	0.7273	40
1210	4A	001826	3065	89.1302	2.908	10

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1211	4G	117051	12265	88.99484	0.7256	40
1212	4B	006407	3680	88.7616	2.412	12
1213	3A	D32534	3987	88.71075	2.225	13
1214	4A	003351	5520	88.6512	1.606	18
1215	4A	000535	2760	88.596	3.21	9
1216	4G	117094	12265	88.590095	0.7223	40
1217	4A	000929	2452	88.56624	3.612	8
1218	4A	PK1392	4906	88.5533	1.805	16
1219	4A	002392	2146	88.32936	4.116	7
1220	4A	001987	2453	88.25894	3.598	8
1221	4G	116208	12265	88.20988	0.7192	40
1222	4G	116908	12267	88.07706	0.718	40
1223	4G	116303	12265	88.0627	0.718	40
1224	4A	000139	7156	87.997332	1.2297	23.34
1225	4A	000273	3986	87.85144	2.204	13
1226	4B	007828	2301	87.707217	3.8117	7.5
1227	4G	117007	12267	87.58638	0.714	40
1228	4G	117000	12267	87.549579	0.7137	40
1229	4A	001867	3372	87.5034	2.595	11
1230	4A	001958	4599	87.399396	1.9004	15
1231	4G	116175	12265	87.3268	0.712	40
1232	4G	116185	12265	87.3268	0.712	40
1233	4G	116266	12265	87.3268	0.712	40
1234	4A	001809	5825	87.29345	1.4986	19
1235	4A	000997	3665	87.245325	2.3805	11.95
1236	4A	000598	3987	87.15582	2.186	13
1237	4A	000577	2759	87.07404	3.156	9
1238	4A	PP5245	5212	86.93616	1.668	17
1239	4G	110497	11958	86.93466	0.727	39
1240	3A	D26715	2758	86.871484	3.1498	9
1241	4G	117038	11960	86.8296	0.726	39
1242	3A	D32918	2145	86.81673	4.0474	7
1243	4A	003049	2146	86.56964	4.034	7
1244	4A	002166	6133	86.53663	1.411	20
1245	4A	001990	4292	86.4838	2.015	14
1246	3A	D51262	4291	86.33492	2.012	14
1247	3A	D27424	3372	86.28948	2.559	11
1248	4A	003256	6132	86.21592	1.406	20
1249	4A	000073	3066	86.18526	2.811	10
1250	4A	001299	2146	86.0546	4.01	7
1251	4A	003057	5212	86.05012	1.651	17
1252	4G	116911	11958	85.97802	0.719	39
1253	3A	D23983	2145	85.84719	4.0022	7
1254	3A	D24561	2146	85.835708	3.9998	7
1255	4A	001387	2146	85.7327	3.995	7

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1256	4A	000949	2760	85.6704	3.104	9
1257	4A	003182	7443	85.654044	1.1508	24.27
1258	4A	000824	3065	85.62997	2.7938	10
1259	4G	116280	11958	85.61928	0.716	39
1260	4G	116912	11958	85.61928	0.716	39
1261	3A	D38683	2146	85.610378	3.9893	7
1262	4G	116198	11958	85.38012	0.714	39
1263	4A	002060	2452	85.28056	3.478	8
1264	4G	117002	11960	85.1552	0.712	39
1265	4G	116183	11958	85.152918	0.7121	39
1266	4G	116180	11958	85.14096	0.712	39
1267	4G	116258	11958	85.14096	0.712	39
1268	4G	116337	11958	85.14096	0.712	39
1269	4A	000724	7137	85.00167	1.191	23.28
1270	4A	000804	2146	84.89576	3.956	7
1271	4A	003289	3679	84.80095	2.305	12
1272	4A	001563	2452	84.74112	3.456	8
1273	4A	000685	2760	84.5388	3.063	9
1274	4A	000449	3987	84.48453	2.119	13
1275	4A	001417	3280	84.47968	2.5756	10.7
1276	4A	001120	6746	84.311508	1.2498	22
1277	4G	117084	11654	84.14188	0.722	38
1278	4A	000858	3986	84.1046	2.11	13
1279	4A	000900	3986	84.06474	2.109	13
1280	4G	117085	11652	84.01092	0.721	38
1281	4A	003063	3986	83.98502	2.107	13
1282	4A	000324	3986	83.9053	2.105	13
1283	4A	002006	3986	83.9053	2.105	13
1284	4A	003238	3986	83.9053	2.105	13
1285	4G	116958	11652	83.8944	0.72	38
1286	4G	116917	11652	83.77788	0.719	38
1287	4A	001510	3986	83.74586	2.101	13
1288	3A	N16109	3066	83.689536	2.7296	10
1289	3A	D25128	2094	83.5506	3.99	6.83
1290	4A	000702	4906	83.54918	1.703	16
1291	4A	000184	3986	83.54656	2.096	13
1292	4G	116340	11652	83.54484	0.717	38
1293	4A	000286	3985	83.5256	2.096	13
1294	4A	001081	3984	83.50464	2.096	13
1295	4A	003090	3987	83.48778	2.094	13
1296	4A	000489	3986	83.46684	2.094	13
1297	4A	000749	5213	83.46013	1.601	17
1298	4A	001738	2453	83.45106	3.402	8
1299	4A	002312	4904	83.39252	1.7005	16
1300	4A	003209	3986	83.38712	2.092	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1301	3A	N16079	3067	83.385596	2.7188	10
1302	3A	N16086	3067	83.385596	2.7188	10
1303	4G	116961	11652	83.346756	0.7153	38
1304	4A	001472	3984	83.34528	2.092	13
1305	4A	000521	3986	83.3074	2.09	13
1306	3A	D30764	3372	83.2884	2.47	11
1307	3B	UK0163	1840	83.2784	4.526	6
1308	4G	116947	11652	83.276844	0.7147	38
1309	4A	003225	3986	83.22768	2.088	13
1310	4A	000173	3987	83.20869	2.087	13
1311	3A	N16072	3066	83.183646	2.7131	10
1312	3A	N16092	3066	83.183646	2.7131	10
1313	4A	000234	3986	83.14796	2.086	13
1314	4A	003055	3986	83.1081	2.085	13
1315	4A	000160	3984	83.0664	2.085	13
1316	4A	000550	3987	83.00934	2.082	13
1317	4A	000816	3986	82.9088	2.08	13
1318	4A	001263	5519	82.718772	1.4988	18
1319	3B	UK0174	1840	82.6528	4.492	6
1320	3A	D39427	3678	82.5711	2.245	12
1321	4A	000051	3985	82.5692	2.072	13
1322	4A	001205	3985	82.5692	2.072	13
1323	4A	002302	3986	82.27104	2.064	13
1324	4G	117030	11345	82.25125	0.725	37
1325	4G	117066	11345	82.25125	0.725	37
1326	4G	117063	11345	82.1378	0.724	37
1327	3A	N16095	2452	82.024304	3.3452	8
1328	4A	001805	3985	82.0113	2.058	13
1329	4A	EP2253	5249	81.952637	1.5613	17.12
1330	4A	002151	2145	81.8961	3.818	7
1331	4G	117018	11345	81.79745	0.721	37
1332	4A	000539	3067	81.750885	2.6655	10
1333	4G	116277	11345	81.684	0.72	37
1334	4G	116314	11345	81.684	0.72	37
1335	3A	N16055	2453	81.679994	3.3298	8
1336	3A	300076	2759	81.55604	2.956	9
1337	4G	116982	11347	81.35799	0.717	37
1338	4G	116929	11345	81.2302	0.716	37
1339	4A	003210	2453	81.21883	3.311	8
1340	3A	D26483	3067	81.15282	2.646	10
1341	4G	116970	11345	81.11675	0.715	37
1342	4A	001097	1840	81.1072	4.408	6
1343	4G	116984	11345	80.88985	0.713	37
1344	4G	116104	11345	80.7764	0.712	37
1345	4G	116135	11345	80.7764	0.712	37

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1346	4G	116139	11345	80.7764	0.712	37
1347	4A	000602	5226	80.590146	1.5421	17.04
1348	4A	003085	3987	80.45766	2.018	13
1349	4A	003142	3986	80.27804	2.014	13
1350	4A	000740	3986	80.19832	2.012	13
1351	4G	117021	11039	80.14314	0.726	36
1352	4A	001361	2760	80.0676	2.901	9
1353	3A	300061	2759	80.06618	2.902	9
1354	4G	116968	11039	79.988594	0.7246	36
1355	4A	000292	3987	79.97922	2.006	13
1356	4A	000761	3986	79.9193	2.005	13
1357	4A	000911	3986	79.87944	2.004	13
1358	4A	000444	3986	79.83958	2.003	13
1359	4A	003061	3986	79.83958	2.003	13
1360	4A	000259	3986	79.68014	1.999	13
1361	4A	000021	3986	79.64028	1.998	13
1362	4A	003318	3987	79.62039	1.997	13
1363	4A	002110	3986	79.44098	1.993	13
1364	4A	000614	3986	79.40112	1.992	13
1365	4A	002040	3986	79.40112	1.992	13
1366	4A	PT0033	1839	79.325265	4.3135	6
1367	4A	003188	3987	79.30143	1.989	13
1368	4A	000156	3986	79.28154	1.989	13
1369	4G	116910	11039	79.26002	0.718	36
1370	4G	116924	11039	79.14963	0.717	36
1371	4A	000501	3986	79.04238	1.983	13
1372	4G	116988	11040	78.936	0.715	36
1373	4A	003360	2452	78.92988	3.219	8
1374	4G	116973	11040	78.8256	0.714	36
1375	4A	000409	2453	78.81489	3.213	8
1376	4A	000482	4906	78.79036	1.606	16
1377	4G	116193	11039	78.70807	0.713	36
1378	3A	D38695	2759	78.30042	2.838	9
1379	4A	000347	3066	78.27498	2.553	10
1380	4A	001618	3985	78.2654	1.964	13
1381	3A	D27012	3066	78.183	2.55	10
1382	3A	D27561	3066	78.183	2.55	10
1383	3A	D43059	3066	78.183	2.55	10
1384	4A	000117	2452	78.12072	3.186	8
1385	4A	000387	2453	77.98087	3.179	8
1386	4A	002017	3986	77.9263	1.955	13
1387	4A	000994	8385	77.82957	0.9282	27.35
1388	4G	117035	10734	77.8215	0.725	35
1389	4A	003117	3373	77.74765	2.305	11
1390	3A	300005	3986	77.68714	1.949	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1391	4G	117080	10732	77.603092	0.7231	35
1392	4G	116907	10732	77.59236	0.723	35
1393	4A	001927	2759	77.58308	2.812	9
1394	4A	003252	2760	77.4456	2.806	9
1395	4A	001471	2146	77.38476	3.606	7
1396	4A	000569	2453	77.34309	3.153	8
1397	4A	000618	2453	77.24497	3.149	8
1398	4A	000151	2758	77.19642	2.799	9
1399	4F	009628	2759	77.152676	2.7964	9
1400	4A	003022	2759	77.14164	2.796	9
1401	4A	003096	3986	77.1291	1.935	13
1402	3A	300102	2453	77.12232	3.144	8
1403	4A	000862	3984	77.0904	1.935	13
1404	4A	000332	3987	77.06871	1.933	13
1405	4G	116925	10732	77.05576	0.718	35
1406	4A	000161	3987	76.9491	1.93	13
1407	4A	000114	2453	76.847584	3.1328	8
1408	4A	000219	2760	76.7832	2.782	9
1409	4G	117055	10732	76.669408	0.7144	35
1410	4A	001643	6133	76.6625	1.25	20
1411	4A	000722	2492	76.594112	3.0736	8.12
1412	4G	112732	10732	76.508428	0.7129	35
1413	4A	000630	3987	76.47066	1.918	13
1414	4G	116190	10734	76.42608	0.712	35
1415	4G	116108	10732	76.41184	0.712	35
1416	4A	003242	2146	76.37614	3.559	7
1417	4A	000018	3352	76.355208	2.2779	10.93
1418	4A	003250	3987	76.11183	1.909	13
1419	4A	000890	2453	75.96941	3.097	8
1420	4A	001275	3986	75.829664	1.9024	13
1421	4A	001224	3986	75.81372	1.902	13
1422	4A	001507	3986	75.81372	1.902	13
1423	4A	001445	3986	75.777846	1.9011	13
1424	4A	000089	3986	75.734	1.9	13
1425	4A	001727	1839	75.73002	4.118	6
1426	4G	117017	10425	75.6855	0.726	34
1427	4G	117057	10425	75.6855	0.726	34
1428	4A	003114	2453	75.65052	3.084	8
1429	3A	D31494	3066	75.5769	2.465	10
1430	4A	000017	3986	75.49484	1.894	13
1431	4A	002044	2146	75.38898	3.513	7
1432	4A	PP2823	5210	75.34702	1.4462	17
1433	4A	000420	3986	75.3354	1.89	13
1434	3A	N16103	2759	75.309664	2.7296	9
1435	4G	116976	10427	75.17867	0.721	34

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1436	4A	003123	3986	75.17596	1.886	13
1437	4G	117089	10425	75.16425	0.721	34
1438	4A	000957	3066	75.123132	2.4502	10
1439	4G	116923	10425	75.06	0.72	34
1440	4A	003325	3984	74.97888	1.882	13
1441	3A	N16091	2760	74.88156	2.7131	9
1442	4G	116270	10425	74.8515	0.718	34
1443	4G	116938	10425	74.8515	0.718	34
1444	4A	000434	3986	74.77736	1.876	13
1445	4G	116933	10425	74.643	0.716	34
1446	3A	N16194	2760	74.58348	2.7023	9
1447	3A	D38897	1839	74.512602	4.0518	6
1448	3A	N16142	2759	74.498518	2.7002	9
1449	3A	N16197	2759	74.498518	2.7002	9
1450	4G	117019	10427	74.44878	0.714	34
1451	4A	PP5244	4598	74.44162	1.619	15
1452	4G	117054	10425	74.4345	0.714	34
1453	4A	PP5230	4598	74.39564	1.618	15
1454	3A	D40752	2453	74.372507	3.0319	8
1455	4A	003255	3986	74.3389	1.865	13
1456	4G	116094	10425	74.226	0.712	34
1457	4G	116137	10425	74.226	0.712	34
1458	4G	116202	10425	74.226	0.712	34
1459	3A	P00098	3823	74.185315	1.9405	12.46
1460	4F	009511	2453	74.15419	3.023	8
1461	4A	000023	3987	74.07846	1.858	13
1462	4A	PP5237	4597	73.82782	1.606	15
1463	4A	002377	4906	73.78624	1.504	16
1464	4A	000457	2453	73.68812	3.004	8
1465	3A	D28067	1840	73.63312	4.0018	6
1466	4A	PK1101	1839	73.57839	4.001	6
1467	4A	002318	1839	73.48644	3.996	6
1468	3A	D75716	1839	73.297023	3.9857	6
1469	3A	D77728	1838	73.273708	3.9866	6
1470	4G	117098	10119	73.05918	0.722	33
1471	4A	001717	1838	72.93184	3.968	6
1472	4A	000166	2760	72.6984	2.634	9
1473	4G	117047	10119	72.65442	0.718	33
1474	4A	003316	3986	72.58506	1.821	13
1475	4G	116995	10120	72.5604	0.717	33
1476	4B	007856	3182	72.5496	2.28	10.37
1477	3A	D26602	2453	72.400295	2.9515	8
1478	4A	000316	3986	72.38576	1.816	13
1479	4A	000327	3373	72.38458	2.146	11
1480	4A	000312	3987	72.36405	1.815	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1481	4A	000514	3987	72.28431	1.813	13
1482	4A	000690	3680	72.2752	1.964	12
1483	4G	117014	10119	72.24966	0.714	33
1484	3A	D30941	3064	72.12656	2.354	10
1485	4G	117052	10120	72.0544	0.712	33
1486	4A	000352	2453	71.75025	2.925	8
1487	4A	001173	3986	71.748	1.8	13
1488	4A	000303	3985	71.69015	1.799	13
1489	4A	000848	3987	71.60652	1.796	13
1490	3A	300128	2453	71.60307	2.919	8
1491	4A	000524	3986	71.58856	1.796	13
1492	4A	003343	7220	71.39136	0.9888	23.54
1493	3A	N16047	2145	71.113185	3.3153	7
1494	3A	N16123	2146	70.835168	3.3008	7
1495	3A	A01230	3986	70.69171	1.7735	13
1496	4A	003214	2146	70.58194	3.289	7
1497	4A	000172	3986	70.5522	1.77	13
1498	4A	001582	2146	70.51756	3.286	7
1499	3A	D47799	2760	70.4352	2.552	9
1500	4A	000644	1840	70.4352	3.828	6
1501	4A	000641	3986	70.39276	1.766	13
1502	4G	116985	9814	70.36638	0.717	32
1503	3A	D28789	2759	70.3545	2.55	9
1504	3A	D32929	2759	70.3545	2.55	9
1505	4A	000970	2759	70.10619	2.541	9
1506	4A	003319	3986	70.07388	1.758	13
1507	4A	003352	3986	70.07388	1.758	13
1508	4A	003342	3987	70.01172	1.756	13
1509	4A	001394	3679	69.97458	1.902	12
1510	4A	000926	1840	69.7912	3.793	6
1511	4A	000158	2146	69.68062	3.247	7
1512	4A	003241	3987	69.61302	1.746	13
1513	4A	PP5261	4292	69.44456	1.618	14
1514	4A	003143	3986	69.43612	1.742	13
1515	3B	UK0207	1533	69.36825	4.525	5
1516	4A	001925	1533	69.26094	4.518	5
1517	4A	000400	2453	69.208942	2.8214	8
1518	4A	000915	2453	69.194224	2.8208	8
1519	4A	000725	1840	69.184	3.76	6
1520	3A	300202	3986	69.07738	1.733	13
1521	4A	PP5240	4292	69.05828	1.609	14
1522	3B	UK0266	1533	69.01566	4.502	5
1523	4A	002098	2453	68.9293	2.81	8
1524	4G	117016	9505	68.91125	0.725	31
1525	3B	UK0272	1533	68.90835	4.495	5

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1526	4A	000651	4293	68.77386	1.602	14
1527	4A	001817	3986	68.7585	1.725	13
1528	4A	000643	2146	68.71492	3.202	7
1529	3B	UK0175	1533	68.61708	4.476	5
1530	4G	110441	9505	68.53105	0.721	31
1531	4A	000683	2453	68.46323	2.791	8
1532	4A	000253	4294	68.44636	1.594	14
1533	4G	116301	9505	68.436	0.72	31
1534	4A	000085	2146	68.32864	3.184	7
1535	3A	D43045	3840	68.29824	1.7786	12.51
1536	3B	UK0223	1533	68.27982	4.454	5
1537	3A	D45541	1533	68.24916	4.452	5
1538	4G	101129	2760	68.1996	2.471	9
1539	4G	116915	9505	68.15085	0.717	31
1540	4G	116935	9505	68.15085	0.717	31
1541	4A	003300	2453	68.14434	2.778	8
1542	4A	003243	2453	67.97263	2.771	8
1543	4A	PP5273	2453	67.970177	2.7709	8
1544	4A	000006	3986	67.72214	1.699	13
1545	4A	000841	3986	67.72214	1.699	13
1546	4G	116148	9507	67.68984	0.712	31
1547	4G	116250	9507	67.68984	0.712	31
1548	4G	116087	9505	67.6756	0.712	31
1549	4A	003156	2145	67.58895	3.151	7
1550	4A	000291	3987	67.53978	1.694	13
1551	4A	002417	2758	67.48826	2.447	9
1552	4A	000565	3987	67.26069	1.687	13
1553	4A	000260	3986	67.24382	1.687	13
1554	4A	000445	2146	67.1698	3.13	7
1555	4A	003172	2453	67.08955	2.735	8
1556	4A	003220	2146	67.04104	3.124	7
1557	4G	117013	9200	66.884	0.727	30
1558	3A	D27640	2143	66.8616	3.12	7
1559	3A	D26332	2146	66.856484	3.1154	7
1560	4A	000242	3986	66.84522	1.677	13
1561	3A	N16138	2453	66.692164	2.7188	8
1562	4A	PP5260	3066	66.572058	2.1713	10
1563	4A	000205	3986	66.5662	1.67	13
1564	3A	N16083	2453	66.552343	2.7131	8
1565	4G	116926	9199	66.32479	0.721	30
1566	4F	009530	2147	66.27789	3.087	7
1567	4A	000494	2145	66.21615	3.087	7
1568	3A	N16137	2452	66.208904	2.7002	8
1569	4A	000125	3066	65.99565	2.1525	10
1570	4G	116951	9200	65.964	0.717	30

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1571	4G	117071	9199	65.95683	0.717	30
1572	4G	116959	9200	65.872	0.716	30
1573	4G	116339	9199	65.86484	0.716	30
1574	4A	001570	3372	65.78772	1.951	11
1575	4A	003092	3986	65.72914	1.649	13
1576	4G	116204	9200	65.688	0.714	30
1577	4G	117083	9199	65.58887	0.713	30
1578	4G	116145	9199	65.524477	0.7123	30
1579	4A	000631	3137	65.205682	2.0786	10.23
1580	4A	PT0185	4293	65.12481	1.517	14
1581	3A	D32899	2146	64.753404	3.0174	7
1582	4G	152516	7666	64.616714	0.8429	25
1583	3A	300016	2146	64.53022	3.007	7
1584	4A	001290	4292	64.440088	1.5014	14
1585	4A	003147	3987	64.39005	1.615	13
1586	3A	D26082	1840	64.31352	3.4953	6
1587	4A	000129	2147	64.30265	2.995	7
1588	4A	000370	3986	64.29418	1.613	13
1589	4A	001459	3986	64.29418	1.613	13
1590	4A	000775	3987	64.27044	1.612	13
1591	4A	000688	2147	64.21677	2.991	7
1592	4A	001318	3986	64.1746	1.61	13
1593	4A	000554	3066	64.17138	2.093	10
1594	4A	001385	3373	64.093746	1.9002	11
1595	4A	001833	3373	64.043151	1.8987	11
1596	4A	000845	3986	63.9753	1.605	13
1597	4A	000699	3987	63.95148	1.604	13
1598	4A	001155	3987	63.95148	1.604	13
1599	4A	000874	3985	63.87955	1.603	13
1600	4A	000728	3987	63.87174	1.602	13
1601	4A	001134	3987	63.83187	1.601	13
1602	3A	W00547	3678	63.73974	1.733	12
1603	4A	003028	3985	63.72015	1.599	13
1604	4A	000707	3985	63.64045	1.597	13
1605	4A	001296	3986	63.45712	1.592	13
1606	4A	000414	3987	63.43317	1.591	13
1607	4A	000200	3986	63.41726	1.591	13
1608	4A	001147	3986	63.41726	1.591	13
1609	3A	300134	2145	63.38475	2.955	7
1610	4A	000975	2760	63.3696	2.296	9
1611	4A	000655	3987	63.35343	1.589	13
1612	4A	003295	2453	63.26287	2.579	8
1613	3A	D75525	3373	63.17629	1.873	11
1614	4A	003173	1840	63.1304	3.431	6
1615	3A	D28888	2146	63.122444	2.9414	7

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1616	3A	D31834	2146	63.122444	2.9414	7
1617	4A	000726	1533	62.94498	4.106	5
1618	3A	D31233	2146	62.93145	2.9325	7
1619	4A	003187	2147	62.77828	2.924	7
1620	4A	001485	1533	62.76102	4.094	5
1621	4A	000186	1839	62.65473	3.407	6
1622	4A	001053	1534	62.63322	4.083	5
1623	4A	001943	1840	62.5968	3.402	6
1624	4F	009524	2146	62.5559	2.915	7
1625	3A	A00108	2453	62.5515	2.55	8
1626	3A	D53165	2453	62.5515	2.55	8
1627	3A	D23667	2146	62.530148	2.9138	7
1628	4A	003339	2146	62.47006	2.911	7
1629	4A	000596	2760	62.4036	2.261	9
1630	3A	D24681	1532	62.373848	4.0714	5
1631	3A	300215	2146	62.04086	2.891	7
1632	4A	000942	2146	61.99794	2.889	7
1633	4A	000381	2147	61.91948	2.884	7
1634	4A	000475	1839	61.91913	3.367	6
1635	4G	110376	8586	61.90506	0.721	28
1636	4G	131496	7359	61.8156	0.84	24
1637	3A	A03854	1533	61.56528	4.016	5
1638	4G	116928	8586	61.535862	0.7167	28
1639	3A	300079	2146	61.52582	2.867	7
1640	3A	D36049	1533	61.45797	4.009	5
1641	4B	008345	1257	61.36674	4.882	4.1
1642	4A	002267	1533	61.36599	4.003	5
1643	3A	N16102	1839	61.139394	3.3246	6
1644	4G	116161	8586	61.13232	0.712	28
1645	4G	116327	8586	61.13232	0.712	28
1646	3A	N16050	1839	60.968367	3.3153	6
1647	4A	001012	1533	60.93675	3.975	5
1648	3A	D37959	1530	60.81444	3.9748	5
1649	4A	002454	1226	60.73604	4.954	4
1650	4A	000639	2759	60.698	2.2	9
1651	3A	D26593	2146	60.58158	2.823	7
1652	4A	000914	2147	60.547547	2.8201	7
1653	3A	D31005	2453	60.547399	2.4683	8
1654	4A	001871	2147	60.52393	2.819	7
1655	4A	000572	3987	60.24357	1.511	13
1656	4A	003276	3987	60.24357	1.511	13
1657	4A	000067	3986	60.22846	1.511	13
1658	4A	003112	2146	60.212468	2.8058	7
1659	4G	117039	8279	60.18833	0.727	27
1660	4A	000249	3986	60.14874	1.509	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1661	4A	000404	3987	60.12396	1.508	13
1662	4A	003355	3986	60.02916	1.506	13
1663	4A	000570	2479	59.984363	2.4197	8.08
1664	4A	000084	2147	59.94424	2.792	7
1665	4A	000756	3986	59.82986	1.501	13
1666	4A	001272	3987	59.805	1.5	13
1667	4A	000694	3987	59.76513	1.499	13
1668	4A	PP5239	3679	59.71017	1.623	12
1669	4A	001369	1532	59.65608	3.894	5
1670	4A	000361	3987	59.52591	1.493	13
1671	4A	000738	3987	59.48604	1.492	13
1672	4A	001208	3987	59.306625	1.4875	13
1673	4A	001295	3987	59.306625	1.4875	13
1674	4G	116079	8279	59.02927	0.713	27
1675	4A	000518	3680	58.9904	1.603	12
1676	4G	116420	8279	58.94648	0.712	27
1677	4G	117003	8279	58.94648	0.712	27
1678	3A	D26296	1839	58.875585	3.2015	6
1679	4F	009605	2453	58.872	2.4	8
1680	4A	000864	1840	58.7512	3.193	6
1681	4A	001221	2146	58.712414	2.7359	7
1682	4A	000696	3986	58.5942	1.47	13
1683	3A	N16098	2146	58.577216	2.7296	7
1684	4A	003354	1533	58.5606	3.82	5
1685	4A	000064	3986	58.43476	1.466	13
1686	4A	003101	3986	58.15574	1.459	13
1687	4A	000795	2146	58.13514	2.709	7
1688	4A	003084	3986	57.9963	1.455	13
1689	3A	N16150	2146	57.991358	2.7023	7
1690	3A	N16149	2146	57.98492	2.702	7
1691	4A	000779	3987	57.85137	1.451	13
1692	4G	117026	7973	57.80425	0.725	26
1693	3A	D41170	1840	57.78336	3.1404	6
1694	4A	PP5092	7971	57.407142	0.7202	26
1695	4A	000263	1840	57.3712	3.118	6
1696	3A	D85907	2144	57.221216	2.6689	7
1697	4B	006978	1103	57.187241	5.1847	3.6
1698	4G	116986	7972	57.15924	0.717	26
1699	4F	009525	1840	57.1504	3.106	6
1700	4A	000849	2147	57.035055	2.6565	7
1701	4G	117043	7972	56.9998	0.715	26
1702	4G	116164	7973	56.76776	0.712	26
1703	4G	112708	7972	56.76064	0.712	26
1704	3A	D30049	1839	56.49408	3.072	6
1705	4A	000071	1840	56.3592	3.063	6

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1706	4A	000769	1840	56.1384	3.051	6
1707	4A	002297	3984	55.73616	1.399	13
1708	3A	300206	2147	55.65024	2.592	7
1709	3A	D31259	1793	55.583	3.1	5.85
1710	4A	000232	1839	55.530444	3.0196	6
1711	4A	000889	2146	55.49556	2.586	7
1712	3B	UK0160	1227	55.43586	4.518	4
1713	4A	000094	1663	55.356281	3.3287	5.42
1714	4G	116979	7667	55.35574	0.722	25
1715	4A	001608	1533	55.31064	3.608	5
1716	3B	UK0259	1226	55.28034	4.509	4
1717	4G	116359	7666	55.27186	0.721	25
1718	4A	001010	3679	55.247543	1.5017	12
1719	4A	000479	1533	55.21866	3.602	5
1720	3B	BNF241	1227	55.215	4.5	4
1721	4G	116987	7666	55.1952	0.72	25
1722	4A	000999	3985	55.1524	1.384	13
1723	4A	000171	3987	55.10034	1.382	13
1724	4A	002141	3680	55.0528	1.496	12
1725	4A	003170	3987	55.0206	1.38	13
1726	4A	001356	2146	54.984812	2.5622	7
1727	4A	003075	3987	54.90099	1.377	13
1728	3A	D76630	1840	54.74184	2.9751	6
1729	4G	116143	7667	54.66571	0.713	25
1730	4A	PP5234	3372	54.59268	1.619	11
1731	3A	A03406	1840	54.18616	2.9449	6
1732	4A	001353	2453	54.08865	2.205	8
1733	3A	D29203	1840	54.01872	2.9358	6
1734	4A	000562	2041	53.919138	2.6418	6.66
1735	4A	000098	3680	53.8016	1.462	12
1736	3A	D21478	1840	53.64336	2.9154	6
1737	4A	003277	1840	53.63232	2.9148	6
1738	4A	000986	3067	53.39647	1.741	10
1739	4G	117045	7359	53.27916	0.724	24
1740	3A	300196	1840	53.1944	2.891	6
1741	3A	D31182	2145	53.05872	2.4736	7
1742	4A	000625	3985	52.56215	1.319	13
1743	4G	116123	7359	52.46967	0.713	24
1744	4A	000918	3444	52.390128	1.5212	11.23
1745	4G	173483	7052	52.3611	0.7425	23
1746	3A	D30392	2146	52.332356	2.4386	7
1747	3A	D32601	1840	52.2652	2.8405	6
1748	4A	000072	3986	52.17674	1.309	13
1749	4A	000199	1533	52.13733	3.401	5
1750	4A	002333	1533	52.13733	3.401	5

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1751	4A	000617	1533	52.10667	3.399	5
1752	3A	D30524	1533	52.034619	3.3943	5
1753	4A	003291	1840	51.9616	2.824	6
1754	3A	D27354	1840	51.9432	2.823	6
1755	4A	000759	3987	51.91074	1.302	13
1756	4A	000358	3987	51.67152	1.296	13
1757	4B	006006	2147	51.42065	2.395	7
1758	4A	001351	3373	51.40452	1.524	11
1759	3A	D34751	1840	51.2072	2.783	6
1760	3A	D49770	2146	51.115574	2.3819	7
1761	4A	001589	3986	51.10052	1.282	13
1762	4A	003260	1839	51.01386	2.774	6
1763	4A	001233	3373	50.551151	1.4987	11
1764	4A	001289	3373	50.497183	1.4971	11
1765	4A	002181	1226	50.40086	4.111	4
1766	4A	000299	1840	50.10688	2.7232	6
1767	4A	000605	1839	50.09436	2.724	6
1768	4A	001820	1226	50.06984	4.084	4
1769	3A	N16140	1840	50.02592	2.7188	6
1770	4A	000611	1533	49.92981	3.257	5
1771	4A	001953	3986	49.90472	1.252	13
1772	4A	001584	3986	49.860874	1.2509	13
1773	4A	002106	3986	49.848916	1.2506	13
1774	4A	001006	3986	49.78514	1.249	13
1775	3A	D51896	1225	49.76195	4.0622	4
1776	4A	000175	2305	49.532145	2.1489	7.51
1777	4G	153495	4418	49.433002	1.1189	14.4
1778	3A	D45497	1226	49.373472	4.0272	4
1779	3A	A00711	3372	49.322244	1.4627	11
1780	3A	D32816	1225	49.3087	4.0252	4
1781	3A	D36711	1226	49.277844	4.0194	4
1782	3A	D32731	1227	49.27632	4.016	4
1783	3A	P00050	1227	49.27632	4.016	4
1784	3A	D77386	2453	49.270958	2.0086	8
1785	3A	D25792	1226	49.24842	4.017	4
1786	4A	000388	1839	49.200606	2.6754	6
1787	4G	100054	1839	49.13808	2.672	6
1788	4A	003078	1914	49.13238	2.567	6.24
1789	3A	300210	1226	49.1013	4.005	4
1790	4A	002018	3066	49.059066	1.6001	10
1791	3A	A01311	1226	49.037548	3.9998	4
1792	4A	001161	1226	48.99096	3.996	4
1793	4A	000213	1533	48.96402	3.194	5
1794	3A	D26604	1839	48.748212	2.6508	6
1795	4A	002195	3986	48.50962	1.217	13

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1796	4A	000174	1227	48.42969	3.947	4
1797	4G	116962	6746	48.36882	0.717	22
1798	4G	116977	6747	48.30852	0.716	22
1799	3A	D94590	1533	48.229713	3.1461	5
1800	4A	000908	1532	48.175272	3.1446	5
1801	3A	D24283	1533	48.159195	3.1415	5
1802	4A	000844	2760	48.1344	1.744	9
1803	4G	116905	6747	48.03864	0.712	22
1804	4A	001285	1226	47.98564	3.914	4
1805	4A	001715	1533	47.95224	3.128	5
1806	3A	D24956	1839	47.913306	2.6054	6
1807	4A	001521	1227	47.76711	3.893	4
1808	4A	000091	3986	47.6327	1.195	13
1809	4A	001187	3987	47.60478	1.194	13
1810	4A	002425	1840	47.6008	2.587	6
1811	3A	D28908	1226	47.594546	3.8821	4
1812	4A	003122	1533	47.56899	3.103	5
1813	4A	000090	3987	47.52504	1.192	13
1814	4A	000405	1703	47.518809	2.7903	5.55
1815	4F	009626	1533	47.44635	3.095	5
1816	4A	000988	1533	47.41569	3.093	5
1817	4A	000700	1533	47.303781	3.0857	5
1818	4A	PP2543	3680	47.1776	1.282	12
1819	4A	001492	4378	47.024098	1.0741	14.28
1820	3A	D26500	2760	46.9476	1.701	9
1821	4A	001933	1227	46.626	3.8	4
1822	4A	000257	1533	46.48056	3.032	5
1823	4A	001962	3066	46.2966	1.51	10
1824	4A	003062	1839	46.14051	2.509	6
1825	4A	001625	3680	46.1104	1.253	12
1826	3A	D24378	1840	46	2.5	6
1827	4A	003141	1840	46	2.5	6
1828	4A	001083	1839	45.93822	2.498	6
1829	4A	001415	3066	45.894954	1.4969	10
1830	4A	000326	1840	45.7976	2.489	6
1831	3A	D26489	1533	45.612882	2.9754	5
1832	4A	000130	1529	45.5642	2.98	4.98
1833	3A	D27315	1533	45.3768	2.96	5
1834	3A	D31255	1839	45.336867	2.4653	6
1835	3A	D24014	1839	45.335028	2.4652	6
1836	3A	D37356	1840	45.26768	2.4602	6
1837	4A	000504	2146	45.25914	2.109	7
1838	3A	A00402	1840	45.20696	2.4569	6
1839	3A	D27986	1532	45.192468	2.9499	5
1840	4F	009527	1533	45.17751	2.947	5

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1841	3A	D25280	1533	45.064068	2.9396	5
1842	3A	D29877	1532	44.950412	2.9341	5
1843	4A	000237	1533	44.9169	2.93	5
1844	3A	D25459	1840	44.77272	2.4333	6
1845	4A	PP5236	2759	44.66821	1.619	9
1846	4A	000119	1533	44.51832	2.904	5
1847	4A	002234	1839	44.5038	2.42	6
1848	3B	ANF916	1308	44.473308	3.4001	4
1849	4A	002042	3066	44.457	1.45	10
1850	4A	003293	6229	44.437686	0.7134	20.32
1851	4A	000365	1226	44.3812	3.62	4
1852	3A	D24917	1927	44.295949	2.2987	6.28
1853	4G	117075	6133	44.28026	0.722	20
1854	4A	000967	1458	44.247384	3.0348	4.75
1855	4A	003010	1227	44.24562	3.606	4
1856	3A	D27208	1840	44.01464	2.3921	6
1857	4G	116283	6133	43.91228	0.716	20
1858	4G	116994	6133	43.91228	0.716	20
1859	4A	001039	3987	43.857	1.1	13
1860	3A	D31364	1533	43.81314	2.858	5
1861	4G	018744	3986	43.6467	1.095	13
1862	3A	D75420	1322	43.626	3.3	4.31
1863	4A	000686	1226	43.59656	3.556	4
1864	4A	001020	3372	43.572984	1.2922	11
1865	3A	P00147	2453	43.239031	1.7627	8
1866	3A	A03715	1533	43.12329	2.813	5
1867	3A	300115	2147	43.04735	2.005	7
1868	4A	000355	1533	43.01598	2.806	5
1869	4A	000991	1533	42.93933	2.801	5
1870	4A	003030	2453	42.90297	1.749	8
1871	4A	000794	1227	42.84684	3.492	4
1872	3A	D31351	1659	42.798882	2.5798	5.41
1873	3A	D94591	2760	42.66684	1.5459	9
1874	4A	000800	1533	42.58674	2.778	5
1875	3A	P00014	1533	42.52542	2.774	5
1876	3A	D37164	1533	42.21882	2.754	5
1877	4A	001340	3373	42.19623	1.251	11
1878	4A	001444	3373	42.1625	1.25	11
1879	3A	D24258	1533	42.1575	2.75	5
1880	4A	000536	1532	41.941564	2.7377	5
1881	3A	D00047	2453	41.72553	1.701	8
1882	4A	000876	1840	41.6024	2.261	6
1883	4A	PK1881	920	41.5932	4.521	3
1884	3A	N16195	1533	41.426259	2.7023	5
1885	3A	N16141	1533	41.394066	2.7002	5

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1886	3A	D23508	1533	41.391	2.7	5
1887	3B	UK0167	920	41.3632	4.496	3
1888	3A	D31128	3372	41.12154	1.2195	11
1889	4A	001256	2146	40.81692	1.902	7
1890	4A	001231	2146	40.797606	1.9011	7
1891	4A	001196	2146	40.76327	1.8995	7
1892	4A	001132	2146	40.743956	1.8986	7
1893	4A	002225	2146	40.743956	1.8986	7
1894	4A	000898	1227	40.62597	3.311	4
1895	4A	001150	1276	40.552556	3.1781	4.16
1896	4A	000325	1227	40.491	3.3	4
1897	4A	000814	1533	40.42521	2.637	5
1898	4A	003145	1226	40.42122	3.297	4
1899	4A	001210	920	40.388	4.39	3
1900	4F	009617	1532	40.19968	2.624	5
1901	4A	000546	1227	40.19652	3.276	4
1902	3A	W00494	1217	40.161	3.3	3.97
1903	3A	D31073	1332	40.150476	3.0143	4.34
1904	4A	000439	1227	40.11063	3.269	4
1905	4A	000216	1227	40.094679	3.2677	4
1906	3A	D26806	1802	40.089094	2.2247	5.87
1907	4A	001111	1532	40.04648	2.614	5
1908	4A	PP2834	920	40.0384	4.352	3
1909	4A	000076	1533	39.73536	2.592	5
1910	3A	D37586	1699	39.635971	2.3329	5.54
1911	4A	PT0135	3065	39.5998	1.292	10
1912	4G	116336	5519	39.40566	0.714	18
1913	4A	003138	1227	39.39897	3.211	4
1914	4A	PP5258	2453	39.37065	1.605	8
1915	4A	000883	2453	39.32159	1.603	8
1916	4A	001556	1226	39.31782	3.207	4
1917	4A	001449	3066	39.30612	1.282	10
1918	4G	110412	5519	39.29528	0.712	18
1919	3A	P00074	1227	39.284859	3.2017	4
1920	3A	D27090	917	39.111884	4.2652	3
1921	4A	003184	1534	39.10166	2.549	5
1922	4G	110830	3986	39.046856	0.9796	13
1923	4A	PT0202	920	38.93992	4.2326	3
1924	3A	D31779	1840	38.6584	2.101	6
1925	4A	PT0223	919	38.580539	4.1981	3
1926	4A	001461	2146	38.56362	1.797	7
1927	3B	LU1362	919	38.49691	4.189	3
1928	4A	000198	1533	38.44764	2.508	5
1929	4A	000568	1227	38.42964	3.132	4
1930	3A	D94799	1226	38.316178	3.1253	4

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1931	3A	D30454	1231	38.300103	3.1113	4.1
1932	3A	D43560	2146	38.280348	1.7838	7
1933	4B	008804	4085	38.03952	0.9312	13.32
1934	3A	D43200	1533	37.961679	2.4763	5
1935	3A	D28972	1533	37.8651	2.47	5
1936	4A	000079	1227	37.82841	3.083	4
1937	4A	000698	1226	37.80984	3.084	4
1938	3A	D44289	1533	37.783851	2.4647	5
1939	3A	D24296	919	37.75252	4.108	3
1940	3A	D72592	3066	37.69647	1.2295	10
1941	3A	D51923	1533	37.648947	2.4559	5
1942	3A	W00612	1532	37.622856	2.4558	5
1943	4A	000723	1227	37.58301	3.063	4
1944	4A	001254	920	37.5728	4.084	3
1945	4A	003067	2146	37.53354	1.749	7
1946	3A	D25638	1227	37.4235	3.05	4
1947	3A	D27771	1533	37.300956	2.4332	5
1948	3A	D30044	919	37.08165	4.035	3
1949	4A	001640	1227	37.014909	3.0167	4
1950	4B	006768	1533	36.97596	2.412	5
1951	4A	003359	1227	36.88362	3.006	4
1952	4A	000645	920	36.8184	4.002	3
1953	4A	002045	2453	36.77047	1.499	8
1954	3A	D45974	1533	36.76134	2.398	5
1955	3A	D37430	920	36.74112	3.9936	3
1956	3A	D39864	919	36.729673	3.9967	3
1957	4A	000396	920	36.708	3.99	3
1958	3A	D23708	920	36.69144	3.9882	3
1959	4A	003245	1840	36.5976	1.989	6
1960	4B	008846	1227	36.525336	2.9768	4
1961	4A	000140	920	36.4872	3.966	3
1962	4A	000818	920	36.386	3.955	3
1963	3A	P00029	1227	36.35601	2.963	4
1964	3A	D49618	1533	36.068424	2.3528	5
1965	3A	D28420	1533	36.066891	2.3527	5
1966	3B	BR3012	879	36.053943	4.1017	3
1967	3A	300182	2146	36.0528	1.68	7
1968	3A	300167	2146	36.046362	1.6797	7
1969	3A	D31768	1226	35.93406	2.931	4
1970	3A	D30516	1226	35.931608	2.9308	4
1971	4A	000823	1227	35.86521	2.923	4
1972	3A	D24906	1227	35.8284	2.92	4
1973	3A	D31633	1227	35.809995	2.9185	4
1974	4A	001226	1226	35.70112	2.912	4
1975	4G	116980	4906	35.17602	0.717	16

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1976	3A	300209	1226	35.14942	2.867	4
1977	3A	D37339	1604	34.976824	2.1806	5.23
1978	4A	001146	1840	34.95448	1.8997	6
1979	3A	A00293	1533	34.9524	2.28	5
1980	4A	002314	1840	34.94712	1.8993	6
1981	4A	001926	1840	34.94344	1.8991	6
1982	4A	001400	1840	34.91952	1.8978	6
1983	3A	D28131	1227	34.82226	2.838	4
1984	4A	000250	1214	34.79931	2.8665	3.96
1985	3A	D31107	1227	34.511829	2.8127	4
1986	4A	001419	2760	34.5	1.25	9
1987	4A	000133	1839	34.459182	1.8738	6
1988	4A	000058	920	34.4448	3.744	3
1989	4A	000511	2146	34.40038	1.603	7
1990	4A	PP5267	2146	34.336	1.6	7
1991	3A	D75735	1226	33.648796	2.7446	4
1992	4G	116286	4599	33.43473	0.727	15
1993	4F	009646	1225	33.38615	2.7254	4
1994	4G	170014	4599	33.356547	0.7253	15
1995	4G	116932	4599	33.29676	0.724	15
1996	3A	D30457	1839	33.24912	1.808	6
1997	4A	PK1240	3986	33.115688	0.8308	13
1998	4A	000983	3986	33.099744	0.8304	13
1999	4G	116122	4599	32.74488	0.712	15
2000	4A	003230	1339	32.652854	2.4386	4.37
2001	4A	002086	1533	32.54559	2.123	5
2002	3A	300176	1014	32.448	3.2	3.31
2003	4A	003100	1840	32.384	1.76	6
2004	4A	000774	1840	32.3104	1.756	6
2005	3A	D31063	2759	32.285818	1.1702	9
2006	4A	002190	2147	32.16206	1.498	7
2007	4A	001885	2146	32.149226	1.4981	7
2008	3A	D24771	1839	31.8147	1.73	6
2009	3A	300217	1226	31.76566	2.591	4
2010	4A	001000	920	31.556	3.43	3
2011	3A	D37958	954	31.482	3.3	3.11
2012	3A	D40469	1370	31.44698	2.2954	4.47
2013	4A	001497	920	31.2892	3.401	3
2014	3A	D36760	1226	31.27526	2.551	4
2015	4A	000811	920	31.2708	3.399	3
2016	4A	000682	920	31.2616	3.398	3
2017	4A	001883	920	31.1696	3.388	3
2018	3A	D25166	1840	31.1144	1.691	6
2019	3A	D31852	1840	31.1144	1.691	6
2020	3A	300026	1840	31.0224	1.686	6

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
2021	4A	001074	1533	30.95127	2.019	5
2022	3A	M15627	920	30.82	3.35	3
2023	4A	003334	1533	30.69066	2.002	5
2024	3A	D42633	1227	30.675	2.5	4
2025	4A	PK0916	613	30.5887	4.99	2
2026	4A	000436	920	30.32136	3.2958	3
2027	3A	D39579	1227	30.304446	2.4698	4
2028	4A	PT0049	613	30.29446	4.942	2
2029	4A	PK0931	613	30.22703	4.931	2
2030	4A	000905	1226	30.07378	2.453	4
2031	3A	D52141	1533	29.976282	1.9554	5
2032	4A	001816	1533	29.90883	1.951	5
2033	3A	D35140	920	29.4952	3.206	3
2034	4A	000026	961	29.460416	3.0656	3.13
2035	4A	001619	1840	29.43632	1.5998	6
2036	3A	D37420	1226	29.321016	2.3916	4
2037	4B	007958	1227	29.27622	2.386	4
2038	4A	001032	1533	29.14233	1.901	5
2039	3A	D29470	816	28.900272	3.5417	2.7
2040	4A	003072	920	28.8972	3.141	3
2041	4A	002189	920	28.888	3.14	3
2042	4A	PP2847	3986	28.874584	0.7244	13
2043	4A	001304	920	28.84844	3.1357	3
2044	4G	110501	3986	28.81878	0.723	13
2045	4A	000684	920	28.7592	3.126	3
2046	4G	117048	3986	28.73906	0.721	13
2047	3A	300125	2146	28.69202	1.337	7
2048	3A	300174	2146	28.69202	1.337	7
2049	4G	110400	3986	28.65934	0.719	13
2050	3A	300022	1533	28.57512	1.864	5
2051	4G	116950	3986	28.507872	0.7152	13
2052	3A	D21301	822	28.500384	3.4672	2.68
2053	3A	300121	2146	28.49888	1.328	7
2054	3A	D37278	1484	28.48538	1.9195	4.84
2055	3A	D27765	920	28.43628	3.0909	3
2056	4A	003026	919	28.3971	3.09	3
2057	4G	117092	3986	28.38032	0.712	13
2058	4A	000456	920	28.2072	3.066	3
2059	3A	D24639	1480	28.1718	1.9035	4.83
2060	3A	A05241	1840	27.9956	1.5215	6
2061	4A	001783	920	27.9956	3.043	3
2062	3A	P00145	920	27.9818	3.0415	3
2063	3A	W00486	920	27.9818	3.0415	3
2064	3A	D45985	920	27.9772	3.041	3
2065	4A	002177	920	27.9036	3.033	3

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
2066	4A	000473	920	27.6092	3.001	3
2067	3A	D94831	1215	27.51246	2.2644	3.97
2068	4A	001034	613	27.49305	4.485	2
2069	3A	D31835	920	27.36632	2.9746	3
2070	3A	D24960	920	27.2366	2.9605	3
2071	3A	D34756	920	27.0756	2.943	3
2072	3A	D40106	1533	27.022191	1.7627	5
2073	3A	D27816	1533	26.9808	1.76	5
2074	4A	003111	1533	26.87349	1.753	5
2075	4A	000437	919	26.81642	2.918	3
2076	4A	003257	920	26.5604	2.887	3
2077	3A	300033	811	26.43049	3.259	2.65
2078	3A	D28783	1201	26.400382	2.1982	3.92
2079	4A	001309	613	26.20575	4.275	2
2080	4A	003139	920	26.036	2.83	3
2081	3A	300219	1533	26.001213	1.6961	5
2082	4F	009603	920	25.9716	2.823	3
2083	3A	D25548	612	25.885152	4.2296	2
2084	4A	003116	920	25.8796	2.813	3
2085	4A	002082	920	25.7968	2.804	3
2086	4A	000886	920	25.7876	2.803	3
2087	4A	003135	920	25.7784	2.802	3
2088	3A	D37114	1533	25.7544	1.68	5
2089	4A	003326	920	25.714	2.795	3
2090	4A	002456	613	25.66018	4.186	2
2091	4A	000197	920	25.5944	2.782	3
2092	3A	A04301	920	25.47664	2.7692	3
2093	4A	002033	1840	25.392	1.38	6
2094	3A	A03251	920	25.39108	2.7599	3
2095	4A	000210	919	25.30007	2.753	3
2096	3A	D30506	920	25.3	2.75	3
2097	3A	D44255	920	25.3	2.75	3
2098	3A	D24599	920	25.2448	2.744	3
2099	3A	D30740	1227	25.1535	2.05	4
2100	3A	P00128	613	25.054536	4.0872	2
2101	3A	D29762	613	24.858376	4.0552	2
2102	4A	PP5225	1533	24.84993	1.621	5
2103	3A	A03652	613	24.782364	4.0428	2
2104	3A	A00321	613	24.684284	4.0268	2
2105	4A	KM0356	613	24.56904	4.008	2
2106	3A	300106	1839	24.42192	1.328	6
2107	3A	300216	1839	24.40353	1.327	6
2108	3A	D76930	733	24.189	3.3	2.39
2109	3A	D21544	780	24.18	3.1	2.55
2110	4A	000711	920	24.0856	2.618	3

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
2111	4G	117046	3373	24.04949	0.713	11
2112	3B	TY0567	1107	23.85585	2.155	3.61
2113	4A	001232	3073	23.828042	0.7754	10.02
2114	3A	D29836	721	23.793	3.3	2.35
2115	3A	300065	1533	23.790627	1.5519	5
2116	3A	D32645	920	23.4232	2.546	3
2117	3A	A01154	920	22.862	2.485	3
2118	4A	000386	920	22.8068	2.479	3
2119	4B	006727	920	22.6228	2.459	3
2120	3A	A00407	1533	22.51977	1.469	5
2121	3A	D21198	920	22.3882	2.4335	3
2122	3A	300041	1839	22.38063	1.217	6
2123	4G	117061	3066	22.28982	0.727	10
2124	4F	009513	613	22.10478	3.606	2
2125	3B	KKWP23	980	22.08038	2.2531	3.2
2126	4A	001763	613	21.98831	3.587	2
2127	3B	KKWP06	690	21.96615	3.1835	2.25
2128	3A	KM0025	613	21.8841	3.57	2
2129	3A	D31828	1840	21.59608	1.1737	6
2130	4A	003290	1227	21.58293	1.759	4
2131	3A	D94842	1019	21.400019	2.1001	3.32
2132	3A	A00900	795	21.200265	2.6667	2.59
2133	3A	D33032	1840	21.19864	1.1521	6
2134	3A	300168	1227	21.1044	1.72	4
2135	4A	000661	920	20.98152	2.2806	3
2136	3B	MNFC85	613	20.92169	3.413	2
2137	4A	003178	1227	20.76084	1.692	4
2138	3A	D32972	644	20.608	3.2	2.1
2139	3A	300037	1533	20.49621	1.337	5
2140	3A	D20982	1533	20.35824	1.328	5
2141	4A	003272	613	20.17996	3.292	2
2142	4A	000019	613	20.00832	3.264	2
2143	4A	003167	613	19.95928	3.256	2
2144	3A	D27705	659	19.799655	3.0045	2.15
2145	4G	116981	2760	19.7892	0.717	9
2146	4A	000509	613	19.72634	3.218	2
2147	4A	000335	613	19.70182	3.214	2
2148	4A	PP5269	1226	19.692012	1.6062	4
2149	4A	000875	613	19.33402	3.154	2
2150	3A	D37905	920	19.3108	2.099	3
2151	4A	003070	613	19.30337	3.149	2
2152	4A	000897	613	19.19303	3.131	2
2153	4A	000628	613	19.1869	3.13	2
2154	4A	001784	1533	19.144104	1.2488	5
2155	4A	000050	613	19.13786	3.122	2

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
2156	4A	003012	613	19.1256	3.12	2
2157	3A	A04128	613	19.058783	3.1091	2
2158	4A	000442	613	18.90492	3.084	2
2159	3A	D27595	613	18.86201	3.077	2
2160	3A	D37494	613	18.843007	3.0739	2
2161	3A	D25051	613	18.6965	3.05	2
2162	4A	001719	1227	18.401319	1.4997	4
2163	4A	002305	613	18.39	3	2
2164	4A	001477	1226	18.386322	1.4997	4
2165	4A	001541	1226	18.372836	1.4986	4
2166	3A	002369	1228	18.2972	1.49	4
2167	3B	TY0572	1580	18.29008	1.1576	5.15
2168	4A	001121	613	18.145413	2.9601	2
2169	3A	D26728	584	18.104	3.1	1.91
2170	3A	D00008	582	18.042	3.1	1.9
2171	3A	W00475	613	18.030782	2.9414	2
2172	3A	D31013	613	18.00381	2.937	2
2173	3B	TNY696	561	17.952	3.2	1.83
2174	4A	002325	613	17.94864	2.928	2
2175	3A	D32543	920	17.9308	1.949	3
2176	3A	D30130	1533	17.928435	1.1695	5
2177	3A	D39259	613	17.890405	2.9185	2
2178	4A	002178	613	17.85056	2.912	2
2179	4F	009512	613	17.8383	2.91	2
2180	3A	300055	920	17.8296	1.938	3
2181	3A	D44841	613	17.78926	2.902	2
2182	3A	D49604	920	17.6548	1.919	3
2183	3A	300013	613	17.62988	2.876	2
2184	4A	002163	920	17.53244	1.9057	3
2185	3A	D33485	613	17.38468	2.836	2
2186	4A	000912	613	17.367516	2.8332	2
2187	3A	D53212	1227	17.28843	1.409	4
2188	3A	D23663	613	16.8575	2.75	2
2189	3A	D23791	613	16.8575	2.75	2
2190	3A	D25130	613	16.8575	2.75	2
2191	3A	A01706	665	16.799895	2.5263	2.17
2192	3B	KKWP16	855	16.784505	1.9631	2.79
2193	3A	D32903	898	16.700106	1.8597	2.93
2194	3A	D25386	613	16.6736	2.72	2
2195	3A	D27352	613	16.6736	2.72	2
2196	3A	D32925	613	16.6736	2.72	2
2197	3A	D44808	613	16.6736	2.72	2
2198	4A	000529	613	16.64908	2.716	2
2199	4A	001509	613	16.64908	2.716	2
2200	3A	D44225	503	16.599	3.3	1.64

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
2201	3A	D77347	613	16.45292	2.684	2
2202	3A	D32915	920	16.41924	1.7847	3
2203	3A	D36467	613	16.248178	2.6506	2
2204	3A	W00405	920	16.21684	1.7627	3
2205	3B	TY0704	496	16.14976	3.256	1.62
2206	3A	D31035	920	16.14968	1.7554	3
2207	3A	D35108	872	16.097992	1.8461	2.84
2208	3A	D25223	613	15.953938	2.6026	2
2209	3A	300171	920	15.87	1.725	3
2210	3B	KKWP15	942	15.867048	1.6844	3.07
2211	3A	D23981	510	15.81	3.1	1.7
2212	4A	001091	920	15.6492	1.701	3
2213	3A	W00559	1104	15.5664	1.41	3.6
2214	3A	D44251	500	15.5	3.1	1.63
2215	3B	EN3738	613	15.35565	2.505	2
2216	4G	110535	2146	15.3439	0.715	7
2217	4G	018339	613	15.325	2.5	2
2218	3A	D26505	613	15.27596	2.492	2
2219	4A	002482	307	15.18422	4.946	1
2220	3B	LU2595	306	15.18066	4.961	1
2221	3A	300049	306	15.14394	4.949	1
2222	3A	D78560	485	15.035	3.1	1.58
2223	3A	D75490	613	14.949231	2.4387	2
2224	4A	003338	613	14.84686	2.422	2
2225	4B	007982	613	14.79782	2.414	2
2226	3A	D23781	1840	14.72	0.8	6
2227	3A	D24530	1840	14.72	0.8	6
2228	3A	D32886	1840	14.72	0.8	6
2229	3A	D36893	1840	14.72	0.8	6
2230	3A	D37141	1840	14.72	0.8	6
2231	4B	007751	613	14.68748	2.396	2
2232	4A	000010	613	14.19095	2.315	2
2233	3A	D26716	613	14.099	2.3	2
2234	4A	PK1816	307	13.84263	4.509	1
2235	4A	001284	920	13.83864	1.5042	3
2236	4A	001973	920	13.8092	1.501	3
2237	3A	D44215	665	13.80008	2.0752	2.2
2238	4A	001992	920	13.79908	1.4999	3
2239	4A	PK0822	306	13.77918	4.503	1
2240	3B	KKWP01	873	13.651974	1.5638	2.85
2241	3A	D24923	613	13.486	2.2	2
2242	3A	300142	802	13.364528	1.6664	2.62
2243	4G	110453	1840	13.2664	0.721	6
2244	4G	110384	1840	13.1008	0.712	6
2245	3A	P00127	920	12.86896	1.3988	3

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
2246	4A	PP5309	306	12.868218	4.2053	1
2247	3A	A05118	307	12.37517	4.031	1
2248	3A	D24026	306	12.356586	4.0381	1
2249	3A	D24398	306	12.280086	4.0131	1
2250	3B	TRN118	307	12.28	4	1
2251	3B	TRN083	307	12.27693	3.999	1
2252	3A	D45444	307	12.23088	3.984	1
2253	3A	D37465	613	12.16192	1.984	2
2254	3A	D26995	613	12.041159	1.9643	2
2255	3A	300123	920	11.7576	1.278	3
2256	4A	001455	613	11.65313	1.901	2
2257	3A	D86045	306	11.63259	3.8015	1
2258	3A	300132	291	11.575689	3.9779	0.95
2259	4A	001178	920	11.50368	1.2504	3
2260	4A	001924	920	11.49448	1.2494	3
2261	4A	002442	920	11.49448	1.2494	3
2262	3A	D32897	346	11.418	3.3	1.13
2263	3A	300058	372	11.299872	3.0376	1.22
2264	3A	300178	920	11.1964	1.217	3
2265	3A	D36169	347	11.104	3.2	1.13
2266	4A	001986	307	11.07349	3.607	1
2267	4A	002274	307	11.06121	3.603	1
2268	3A	D37447	307	11.05814	3.602	1
2269	4A	001710	307	11.05507	3.601	1
2270	4A	003093	307	11.052	3.6	1
2271	3B	TY0710	343	10.976	3.2	1.12
2272	3A	300077	919	10.9361	1.19	3
2273	3A	D27119	920	10.68488	1.1614	3
2274	4A	001302	307	10.53931	3.433	1
2275	4A	001127	307	10.4073	3.39	1
2276	3A	D37562	613	10.177639	1.6603	2
2277	4A	000041	307	10.036444	3.2692	1
2278	4A	000634	613	9.87543	1.611	2
2279	3A	D32955	564	9.87	1.75	1.84
2280	4A	003152	307	9.50779	3.097	1
2281	3A	D00009	306	9.486	3.1	1
2282	4A	003211	307	9.45867	3.081	1
2283	4A	000351	307	9.43718	3.074	1
2284	3A	D35912	307	9.3635	3.05	1
2285	4A	000127	307	9.337405	3.0415	1
2286	3A	D27896	282	9.306	3.3	0.92
2287	3A	D25966	366	9.299694	2.5409	1.2
2288	4B	007444	307	9.128952	2.9736	1
2289	4G	110454	1227	8.80986	0.718	4
2290	3A	D25673	920	8.74368	0.9504	3

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
2291	3A	D27127	307	8.68196	2.828	1
2292	4A	000519	307	8.62056	2.808	1
2293	4A	000180	307	8.61442	2.806	1
2294	4A	000523	307	8.60214	2.802	1
2295	3A	D25631	292	8.55122	2.9285	0.95
2296	3A	D30988	307	8.53767	2.781	1
2297	3A	D28441	307	8.448947	2.7521	1
2298	3A	D21207	307	8.422545	2.7435	1
2299	3A	D26651	307	8.3504	2.72	1
2300	3A	D29619	307	8.3504	2.72	1
2301	3A	D36326	307	8.220232	2.6776	1
2302	4A	000195	307	8.11708	2.644	1
2303	4A	003362	307	7.96051	2.593	1
2304	3A	D76742	613	7.83414	1.278	2
2305	4A	000107	307	7.82236	2.548	1
2306	4A	000406	307	7.68728	2.504	1
2307	4A	002323	613	7.666791	1.2507	2
2308	4A	001514	307	7.48159	2.437	1
2309	3A	A03163	307	7.469924	2.4332	1
2310	3A	D27559	239	7.409	3.1	0.78
2311	4B	007347	307	7.39563	2.409	1
2312	3A	300060	613	7.33148	1.196	2
2313	4A	000426	307	7.323178	2.3854	1
2314	3A	300153	307	7.061	2.3	1
2315	3A	300197	307	7.061	2.3	1
2316	3A	P00036	348	6.8208	1.96	1.14
2317	3A	D76489	290	6.81993	2.3517	0.95
2318	4A	000689	307	6.68339	2.177	1
2319	4G	110351	920	6.5596	0.713	3
2320	3B	TY0594	221	6.5195	2.95	0.72
2321	4A	000996	307	6.43165	2.095	1
2322	3B	TY0700	199	6.368	3.2	0.65
2323	3A	002361	307	6.09702	1.986	1
2324	3A	A00812	307	5.9865	1.95	1
2325	4A	PT0028	629	5.681128	0.9032	2.05
2326	3A	D27307	318	5.6604	1.78	1.07
2327	3A	300025	307	5.526	1.8	1
2328	3A	300027	307	5.526	1.8	1
2329	3B	TY0638	386	5.404	1.4	1.26
2330	4A	003299	307	5.33259	1.737	1
2331	3A	W00584	168	5.113416	3.0437	0.55
2332	3B	TY0685	169	4.9855	2.95	0.55
2333	3A	300212	172	4.958072	2.8826	0.56
2334	4A	PP5255	307	4.912	1.6	1
2335	4A	001524	307	4.831566	1.5738	1

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
2336	4A	001262	307	4.59886	1.498	1
2337	4A	001189	307	4.591799	1.4957	1
2338	3B	KKWP17	218	3.96215	1.8175	0.71
2339	4A	001373	307	3.839649	1.2507	1
2340	3A	D27859	216	3.5208	1.63	0.71
2341	4A	001397	307	3.14982	1.026	1
2342	3A	W00379	84	3.10002	3.6905	0.28
2343	4B	008258	95	3.05843	3.2194	0.31
2344	3B	KKWP07	211	2.985861	1.4151	0.69
2345	3B	KKWP25	194	2.92552	1.508	0.64
2346	3B	KKWP03	184	2.714184	1.4751	0.6
2347	3A	D41281	138	2.59992	1.884	0.45
2348	3B	TY0705	92	2.386296	2.5938	0.3
2349	3B	TY0554	141	2.373594	1.6834	0.46
2350	3B	KKWP18	156	2.32128	1.488	0.51
2351	3A	W00561	307	2.226364	0.7252	1
2352	3A	D23512	112	2.200016	1.9643	0.37
2353	3B	KKWP04	141	2.146161	1.5221	0.46
2354	3B	KKWP21	118	2.059336	1.7452	0.39
2355	3B	KKWP02	134	2.012144	1.5016	0.44
2356	3B	KKWP12	146	1.934646	1.3251	0.48
2357	3B	TY0654	64	1.888	2.95	0.21
2358	4B	007990	190	1.8867	0.993	0.62
2359	3A	D27975	68	1.872108	2.7531	0.22
2360	3B	KKWP13	122	1.851106	1.5173	0.4
2361	3B	KKWP14	130	1.79023	1.3771	0.43
2362	3A	A07104	128	1.6	1.25	0.42
2363	3B	KKWP08	111	1.543122	1.3902	0.36
2364	4F	009601	33	1.518	4.6	0.11
2365	3B	KKWP20	115	1.48281	1.2894	0.38
2366	3B	TY0550	101	1.366732	1.3532	0.33
2367	3B	TY0562	113	1.320292	1.1684	0.37
2368	3B	TY0694	40	1.28	3.2	0.13
2369	4A	002295	78	1.1388	1.46	0.26
2370	3B	KKWP10	131	1.087693	0.8303	0.43
2371	4A	003196	46	1.022672	2.2232	0.15
2372	3B	TY0568	77	0.949872	1.2336	0.25
2373	4F	009506	20	0.90012	4.5006	0.07
2374	3B	TY0687	37	0.611869	1.6537	0.12
2375	4B	005998	50	0.5603	1.1206	0.17
2376	4F	009635	12	0.54	4.5	0.04
2377	3B	TY0665	34	0.464168	1.3652	0.11
2378	3B	TY0612	9	0.199242	2.2138	0.03
2379	3B	TY0617	6	0.177	2.95	0.02
2380	3B	TY0718	7	0.118671	1.6953	0.02

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
2381	3B	CLF008	11	0.1122	1.02	0.04

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1	25	UK0201	3987	180	4.509	13
2	4A	PP5064	4292	180	4.19	14
3	4A	PP2635	8888	178	2.001	29
4	4A	PP2614	5518	177	3.204	18
5	4A	PP2773	4905	177	3.607	16
6	4A	PP5034	9810	177	1.808	32
7	4A	PP2750	4293	176	4.108	14
8	4A	PP2800	5518	176	3.193	18
9	4A	PP2854	4290	176	4.109	14
10	4A	PP5501	4292	176	4.09	14
11	4A	PR4384	3986	176	4.403	13
12	4A	PK1388	3984	175	4.402	13
13	4A	PP2898	3986	175	4.389	13
14	4A	PP5047	3983	175	4.399	13
15	4A	PP5001	7664	174	2.274	25
16	4A	PP5302	4292	172	4	14
17	10	EM1441	5213	167	3.211	17
18	3B	LU0362	3373	167	4.952	11
19	4A	PK0821	3372	167	4.949	11
20	4A	PP2562	3371	167	4.948	11
21	4A	PP5010	3373	167	4.96	11
22	4A	PP5337	3372	167	4.954	11
23	4A	PP5059	3674	166	4.509	12
24	4A	PP2590	8275	165	1.999	27
25	4A	PP5096	4600	165	3.578	15
26	10	KM1294	3984	164	4.12	13
27	4A	PP2830	3986	164	4.108	13
28	4A	PR4154	5824	164	2.818	19
29	4A	PP2894	7053	163	2.314	23
30	4A	PP5350	3373	163	4.84	11
31	3B	LU0358	6315	162	2.568	21
32	4A	PP5654	3679	162	4.403	12
33	3B	LU0423	6284	161	2.568	21
34	3B	LU0453	6253	161	2.568	20
35	4A	PP5515	3680	161	4.388	12
36	4A	PP2552	7969	160	2.003	26
37	4A	PP2593	7969	160	2.004	26
38	4A	PP2606	7969	160	2.014	26
39	4A	PP2865	6132	160	2.605	20

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
40	4A	PP5002	7664	160	2.088	25
41	4A	PP5062	3985	160	4.026	13
42	4A	PP5305	3986	160	4.008	13
43	4A	PR3609	6132	159	2.589	20
44	4A	PK0390	8278	158	1.905	27
45	4A	PP2620	6132	158	2.577	20
46	4A	PP5041	4598	157	3.407	15
47	4A	PP5142	3374	157	4.657	11
48	4A	PR4403	6133	157	2.559	20
49	4A	PP5073	9199	156	1.701	30
50	4A	PT0165	10427	156	1.5	34
51	4A	PP5036	7051	155	2.202	23
52	4A	PP5121	3678	155	4.213	12
53	4A	PP2538	7662	154	2.011	25
54	4A	PP2868	4293	154	3.595	14
55	4A	PP2881	6437	154	2.397	21
56	25	UK0190	3373	153	4.526	11
57	4A	PP2541	7662	153	2.002	25
58	4A	PP2571	3986	153	3.828	13
59	4A	PP2594	7662	153	2	25
60	4A	PR4166	7663	153	2	25
61	25	UK0176	3373	152	4.518	11
62	4A	PP2506	3067	152	4.948	10
63	4A	PP2753	3065	152	4.945	10
64	4A	PP2811	3983	152	3.804	13
65	4A	PP5176	3066	152	4.95	10
66	4A	PP5191	3066	152	4.944	10
67	4A	PP5195	3066	152	4.946	10
68	4A	PP5209	3066	152	4.951	10
69	4A	PP5640	3066	152	4.956	10
70	4A	PT0225	11650	152	1.304	38
71	25	UK0028	3371	151	4.486	11
72	25	UK0185	3373	151	4.47	11
73	25	UK0191	3372	151	4.484	11
74	4A	PK0514	3371	151	4.488	11
75	4A	PP2801	3678	151	4.099	12
76	4A	PP5514	3679	151	4.107	12
77	4A	PP2583	3372	149	4.404	11
78	4A	PP2799	3373	149	4.428	11
79	4A	PP5633	3372	149	4.404	11
80	4A	PP2575	3373	148	4.399	11
81	4A	PP2836	3370	148	4.405	11
82	4A	PP5046	9196	148	1.608	30
83	4A	PP5097	3372	148	4.389	11
84	4A	PP5200	3067	148	4.834	10
85	4A	PP5331	3372	148	4.402	11

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
86	4A	PP5511	6132	148	2.408	20
87	4A	PT0102	3065	148	4.838	10
88	10	EM1454	3679	147	3.983	12
89	10	EM1790	6133	147	2.394	20
90	4A	PP2557	7356	147	1.999	24
91	4A	PP2616	4290	147	3.424	14
92	4A	PP2624	7353	147	2	24
93	4A	PP2629	6131	147	2.397	20
94	4A	PP2630	7356	147	2.005	24
95	4A	PP2873	4599	147	3.199	15
96	4A	PP2874	3679	147	4.004	12
97	4A	PP2884	3679	147	4	12
98	4A	PP2886	6132	147	2.396	20
99	4A	PP2893	3680	147	4.006	12
100	4A	PP5037	3066	147	4.803	10
101	4A	PP5123	3066	147	4.792	10
102	4A	PP5611	3677	147	4.01	12
103	4A	PP5652	3067	147	4.803	10
104	4A	PR4337	7359	147	2.002	24
105	4A	PT0026	3679	147	3.997	12
106	4A	PT0237	7665	146	1.9	25
107	4A	PR4357	5211	145	2.781	17
108	4A	PP5278	8893	143	1.606	29
109	4A	PP5316	3066	143	4.671	10
110	4A	PP5194	3066	142	4.631	10
111	4A	PR4169	7050	142	2.012	23
112	4A	PP2601	7049	141	1.996	23
113	4A	PP2647	7049	141	2	23
114	4A	PP2649	7049	141	2.004	23
115	4A	PP2810	7050	141	1.996	23
116	4A	PP5087	5825	141	2.423	19
117	4A	PP5205	7050	141	2	23
118	4A	PP2891	5825	140	2.398	19
119	4A	PP5465	7664	140	1.823	25
120	4A	PT0120	7359	140	1.9	24
121	4A	PK0416	3371	139	4.116	11
122	4A	PK0887	4600	139	3.012	15
123	4A	PP5009	7664	139	1.816	25
124	4A	PP5051	7664	139	1.808	25
125	25	BN0217	3067	138	4.494	10
126	25	BNF216	3066	138	4.495	10
127	25	BNF217	3066	138	4.513	10
128	25	TY0611	3066	138	4.497	10
129	25	UK0186	3066	138	4.497	10
130	4A	PP2540	3066	138	4.5	10
131	4A	PP2623	4293	138	3.22	14

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
132	4A	PP2797	3371	138	4.093	11
133	4A	PP2904	3678	138	3.763	12
134	4A	PP5039	3373	138	4.096	11
135	4A	PP5075	3065	138	4.509	10
136	4A	PT0159	3064	138	4.499	10
137	25	BNF237	3067	137	4.463	10
138	3B	LU0129	2759	137	4.952	9
139	3B	LU2331	2759	137	4.951	9
140	4A	PP2784	2758	137	4.95	9
141	4A	PP5016	2759	137	4.95	9
142	4A	PP5203	2759	137	4.95	9
143	4A	PP5215	2760	137	4.946	9
144	4A	PR3661	8583	137	1.598	28
145	4A	PP5055	3065	136	4.422	10
146	4A	PP2820	3065	135	4.396	10
147	4A	PP2829	3065	135	4.396	10
148	4A	PP2859	6744	135	2.001	22
149	4A	PP2905	3066	135	4.388	10
150	4A	PP5272	6743	135	2	22
151	4A	PP5301	3372	135	4.006	11
152	4A	PP5304	3372	135	3.998	11
153	4A	PP5440	3373	135	3.998	11
154	4A	PP5576	8277	135	1.636	27
155	4A	PP2568	3371	133	3.952	11
156	4A	PP2867	3372	133	3.956	11
157	4A	PP5045	7357	133	1.805	24
158	4A	PP5063	8277	133	1.61	27
159	4A	PP5067	2759	133	4.812	9
160	4A	PP5093	8277	133	1.606	27
161	4A	PP5125	5213	133	2.549	17
162	4A	PP5192	2760	133	4.826	9
163	4A	PP5297	2760	133	4.805	9
164	4A	PR3658	8276	133	1.604	27
165	4A	PP2512	2760	132	4.799	9
166	4A	PP5022	4598	132	2.863	15
167	4A	PP5605	8892	132	1.482	29
168	4A	PP5630	2759	132	4.798	9
169	25	290128	5212	130	2.502	17
170	4A	PP5562	8891	130	1.464	29
171	10	EM1543	4291	129	3.01	14
172	10	KM1766	3065	129	4.198	10
173	4A	PP2527	6436	129	2	21
174	4A	PP2650	6436	129	2.009	21
175	4A	PP5266	6437	129	1.997	21
176	4A	PP5296	3372	129	3.827	11
177	4A	PP2598	4904	128	2.6	16

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
178	4A	PP5141	6437	128	1.995	21
179	4A	PP5154	3985	128	3.206	13
180	4A	PT0114	6745	128	1.902	22
181	4A	PT0117	6745	128	1.898	22
182	4A	PP2589	5517	127	2.294	18
183	4A	PP5003	7051	127	1.799	23
184	4A	PT0190	7973	127	1.591	26
185	4A	PP2645	3066	126	4.106	10
186	4A	PP2767	3066	126	4.098	10
187	25	UK0183	2760	125	4.511	9
188	4A	PP2892	4906	125	2.555	16
189	14	N28576	4597	124	2.704	15
190	25	BNF189	2760	124	4.48	9
191	25	BNF214	2760	124	4.477	9
192	25	UK0188	2760	124	4.489	9
193	25	UK0194	2759	124	4.482	9
194	25	UK0220	2759	124	4.484	9
195	25	UK0268	2760	124	4.489	9
196	3B	LU0533	3097	124	4	10
197	3B	LU1300	3103	124	4.001	10
198	10	EM1650	9503	123	1.292	31
199	25	UK0213	2760	123	4.472	9
200	25	UK0216	2760	123	4.453	9
201	4A	PP2519	6130	123	2.005	20
202	4A	PP2537	6130	123	2.001	20
203	4A	PP2639	6130	123	2	20
204	4A	PP2896	5823	123	2.113	19
205	4A	PP5174	3064	123	4.013	10
206	4A	PP5383	3066	123	4.002	10
207	4A	PT0113	6130	123	2.001	20
208	4A	PT0192	6130	123	2.007	20
209	3B	LU2477	3038	122	4	10
210	3B	LU2608	2760	122	4.405	9
211	4A	PK0454	3063	122	3.998	10
212	4A	PK0828	3373	122	3.627	11
213	4A	PK1560	6439	122	1.9	21
214	4A	PP2604	3372	122	3.605	11
215	4A	PP2626	6130	122	1.998	20
216	4A	PP2641	6130	122	1.998	20
217	4A	PP2822	4598	122	2.653	15
218	4A	PP5364	3063	122	3.988	10
219	3B	LU0503	2453	121	4.951	8
220	3B	LU0571	2453	121	4.951	8
221	3B	LU2340	2453	121	4.951	8
222	4A	PP2875	3371	121	3.597	11
223	4A	PP2890	3373	121	3.592	11

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
224	4A	PP5029	6744	121	1.794	22
225	4A	PP5090	2759	121	4.4	9
226	4A	PP5173	2453	121	4.949	8
227	4A	PP5356	2452	121	4.947	8
228	4A	PT0022	2453	121	4.951	8
229	4A	PT0257	2452	121	4.947	8
230	3B	LU0213	2391	118	4.95	8
231	4A	PP5080	7357	118	1.6	24
232	4A	PR3647	7357	118	1.602	24
233	4A	PR4352	3680	118	3.198	12
234	4A	001620	6132	117	1.9	20
235	4A	002348	6132	117	1.901	20
236	4A	002354	6132	117	1.902	20
237	4A	PK0357	6132	117	1.911	20
238	4A	PK1026	6132	117	1.9	20
239	4A	PK1863	6132	117	1.901	20
240	4A	PP2577	5823	117	2.001	19
241	4A	PP2622	5823	117	2.007	19
242	4A	PP5015	5826	117	2.006	19
243	4A	PP5228	5824	117	2.002	19
244	4A	PP5455	3064	117	3.804	10
245	4A	PR2723	5824	117	2.001	19
246	4A	PT0031	6132	117	1.902	20
247	4A	PT0124	6132	117	1.901	20
248	25	290015	4599	116	2.516	15
249	4A	PK1112	6132	116	1.899	20
250	4A	PK1802	6132	116	1.898	20
251	4A	PP2625	5822	116	2	19
252	3B	LU2523	2326	115	4.945	8
253	4A	001364	9199	115	1.247	30
254	4A	PR4162	3065	115	3.738	10
255	4A	PP5307	2454	114	4.628	8
256	4A	PP5649	2453	114	4.635	8
257	3B	LU0036	2572	113	4.4	8
258	4A	PP2771	2759	113	4.108	9
259	4A	PP2861	2756	113	4.102	9
260	4A	PP5074	7051	113	1.6	23
261	4A	PT0108	5517	113	2.052	18
262	4A	PP2637	5210	112	2.153	17
263	25	TY0663	2453	111	4.507	8
264	25	UK0197	2453	111	4.507	8
265	25	UK0221	2452	111	4.532	8
266	4A	001516	5825	111	1.902	19
267	4A	001894	5825	111	1.899	19
268	4A	001946	5825	111	1.9	19
269	4A	PK1406	4597	111	2.406	15

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
270	4A	PK1449	5826	111	1.902	19
271	4A	PK1805	5825	111	1.903	19
272	4A	PK1807	3372	111	3.29	11
273	4A	PP2522	5213	111	2.137	17
274	4A	PP2570	5517	111	2.006	18
275	4A	PP2654	5517	111	2.005	18
276	4A	PP2895	3066	111	3.613	10
277	4A	PP5040	2452	111	4.512	8
278	4A	PP5160	5517	111	2.004	18
279	4A	PR4233	5517	111	2.018	18
280	4A	PT0100	2758	111	4.007	9
281	25	BNF202	2453	110	4.5	8
282	25	UK0205	2454	110	4.484	8
283	25	UK0209	2453	110	4.5	8
284	4A	001706	7358	110	1.5	24
285	4A	001724	5519	110	1.987	18
286	4A	002084	7358	110	1.501	24
287	4A	PP2615	3986	110	2.753	13
288	4A	PP2831	4599	110	2.395	15
289	4A	PP5004	6131	110	1.796	20
290	4A	PP5020	6131	110	1.801	20
291	4A	PP5144	4598	110	2.389	15
292	4A	PP5148	2759	110	3.999	9
293	4A	PP5369	3067	110	3.6	10
294	4A	PP5620	4292	110	2.556	14
295	4A	PT0155	5518	110	2.002	18
296	10	EM1721	4905	109	2.215	16
297	25	UK0184	2452	109	4.463	8
298	4A	PP2587	2451	109	4.465	8
299	4A	PP5156	4292	109	2.549	14
300	4A	PT0104	2452	109	4.436	8
301	3B	LU2061	2453	108	4.403	8
302	3B	LU2343	2453	108	4.396	8
303	4A	PK0470	3372	108	3.202	11
304	4A	PP2864	2453	108	4.394	8
305	4A	PP5287	2453	108	4.403	8
306	4A	PP5306	2452	108	4.403	8
307	4A	PP5355	2453	108	4.397	8
308	4A	PR4411	6743	108	1.597	22
309	25	290093	4294	107	2.489	14
310	3B	LU2021	2147	106	4.939	7
311	3B	LU2188	2146	106	4.95	7
312	4A	PP5172	2146	106	4.956	7
313	4A	PP5362	2146	106	4.942	7
314	3B	LU1494	2119	105	4.95	7
315	4A	001794	5519	105	1.897	18

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
316	4A	002102	5519	105	1.906	18
317	4A	PK0332	5519	105	1.906	18
318	4A	PK1598	5519	105	1.901	18
319	4A	PK1620	5519	105	1.906	18
320	4A	PK1859	5519	105	1.905	18
321	4A	PP2559	5210	105	2.009	17
322	4A	PP2595	5209	105	2.008	17
323	4A	PP2631	5212	105	2.005	17
324	4A	PP5011	5824	105	1.811	19
325	3B	LU1169	2106	104	4.952	7
326	3B	LU2510	2108	104	4.951	7
327	4A	PK0486	6131	104	1.696	20
328	4A	PP2757	5209	104	2	17
329	4A	PR4181	3372	104	3.071	11
330	4A	PK0827	3986	103	2.594	13
331	4A	PP2599	4596	103	2.239	15
332	4A	PP2781	4291	103	2.397	14
333	4A	PP2835	4292	103	2.393	14
334	4A	PP5060	2146	103	4.809	7
335	4A	PP5095	6438	103	1.603	21
336	4A	PP5637	2146	103	4.794	7
337	4A	PR2744	4293	103	2.403	14
338	4A	PR4274	6437	103	1.599	21
339	4A	PR4413	6437	103	1.602	21
340	3B	LU2509	2306	102	4.418	8
341	25	290132	3986	100	2.499	13
342	4A	PP2605	2453	100	4.093	8
343	4A	PP5008	5518	100	1.81	18
344	4A	PP5343	7973	100	1.257	26
345	4A	001016	7973	99	1.245	26
346	4A	PK1837	5212	99	1.9	17
347	4A	PK1861	5212	99	1.905	17
348	4A	PP2600	4904	99	2.012	16
349	4A	PP2618	3066	99	3.244	10
350	4A	PP2853	4905	99	2.014	16
351	4A	PP5091	5518	99	1.794	18
352	4A	PP5098	5518	99	1.801	18
353	4A	PT0064	5212	99	1.9	17
354	4A	PK0892	4902	98	2.008	16
355	4A	PK1660	4600	98	2.129	15
356	4A	PP2513	4906	98	1.995	16
357	4A	PP2585	4904	98	1.997	16
358	4A	PP2845	4905	98	2.005	16
359	4A	PP2888	2453	98	4.001	8
360	4A	PP2907	3065	98	3.199	10
361	4A	PP5112	6129	98	1.602	20

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
362	4A	PP5128	2452	98	4.015	8
363	4A	PP5132	6130	98	1.603	20
364	4A	PP5152	2453	98	4.007	8
365	4A	PP5165	6130	98	1.599	20
366	4A	PP5211	4904	98	2	16
367	4A	PP5320	2452	98	3.991	8
368	4A	PP5335	6130	98	1.6	20
369	4A	PP5449	3066	98	3.198	10
370	4A	PR2719	6130	98	1.601	20
371	4A	PR3910	2453	98	4.002	8
372	4A	PR4155	6130	98	1.604	20
373	4A	PT0014	4905	98	2.005	16
374	25	UK0072	2147	97	4.497	7
375	25	UK0165	2146	97	4.504	7
376	25	UK0193	2147	97	4.5	7
377	25	UK0239	2147	97	4.526	7
378	25	UK0263	2147	97	4.516	7
379	3B	LU0386	1952	97	4.951	6
380	4A	002138	6439	97	1.503	21
381	4A	PP2794	2145	97	4.503	7
382	4A	PP2809	3066	97	3.154	10
383	4A	PP5452	6745	97	1.437	22
384	25	BNF199	2147	96	4.487	7
385	25	TY0672	2146	96	4.478	7
386	25	UK0032	2146	96	4.477	7
387	25	UK0139	2146	96	4.481	7
388	25	UK0211	2147	96	4.47	7
389	25	UK0256	2146	96	4.497	7
390	3B	LU0024	2146	96	4.452	7
391	3B	LU0085	1930	96	4.951	6
392	4A	002413	7666	96	1.25	25
393	4A	PK0926	3985	96	2.4	13
394	4A	PP2517	4291	96	2.248	14
395	4A	PP2535	3680	96	2.602	12
396	4A	PP5030	7359	96	1.3	24
397	4A	PP5520	3986	96	2.407	13
398	10	KM1741	2146	95	4.407	7
399	4A	PP2796	3985	95	2.393	13
400	4A	PP2850	2759	95	3.428	9
401	4A	PP5638	3986	95	2.395	13
402	4A	PR3815	5211	95	1.815	17
403	10	KM1353	3986	94	2.35	13
404	4A	PK0524	2146	94	4.363	7
405	4A	PK1086	5210	94	1.803	17
406	4A	PP5017	5211	94	1.801	17
407	4A	PP5044	5211	94	1.802	17

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
408	4A	PP5358	3679	94	2.568	12
409	4A	PP5423	2146	94	4.402	7
410	4A	PP5448	2146	94	4.399	7
411	4A	PP5451	2146	94	4.402	7
412	4A	PR4151	2759	94	3.417	9
413	4A	PR4395	2146	94	4.397	7
414	3B	LU0752	1877	93	4.951	6
415	4A	002237	5826	93	1.6	19
416	4A	002317	4906	93	1.898	16
417	4A	PK1015	4906	93	1.901	16
418	4A	PP5653	7666	93	1.214	25
419	4A	PR4202	5824	93	1.6	19
420	4A	PR4326	5824	93	1.603	19
421	4A	PT0010	4906	93	1.9	16
422	4A	PT0171	4906	93	1.899	16
423	4A	001919	6132	92	1.498	20
424	4A	002429	6132	92	1.499	20
425	4A	002500	6132	92	1.499	20
426	4A	PP2652	4597	92	2.002	15
427	4A	PP2760	4598	92	2.001	15
428	4A	PP5163	4600	92	2	15
429	4A	PP5213	4598	92	2.011	15
430	4A	PR3600	5517	92	1.667	18
431	4A	PR4172	4598	92	1.998	15
432	4A	PR4194	4598	92	2.001	15
433	3B	LU1600	1839	91	4.951	6
434	3B	LU2012	1840	91	4.951	6
435	3B	LU2280	1840	91	4.952	6
436	4A	PP2566	1840	91	4.95	6
437	4A	PP2619	1839	91	4.946	6
438	4A	PP5178	1840	91	4.958	6
439	4A	PR3590	1840	91	4.955	6
440	3B	LU1543	1814	90	4.95	6
441	3B	LU2236	2041	90	4.397	7
442	4A	PP5169	5517	89	1.606	18
443	4A	PP5426	3680	89	2.422	12
444	4A	PP5457	2760	89	3.209	9
445	3B	LU0342	1995	88	4.395	7
446	3B	LU1135	1785	88	4.946	6
447	3B	LU1164	2004	88	4.395	7
448	4A	PK0429	2147	88	4.109	7
449	4A	PK1235	3680	88	2.402	12
450	4A	PK1722	4599	88	1.911	15
451	4A	PP5000	4905	88	1.804	16
452	4A	PP5035	4905	88	1.801	16
453	4A	PP5114	5517	88	1.599	18

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
454	4A	PP5146	5517	88	1.598	18
455	4A	PP5197	1839	88	4.798	6
456	4A	PP5202	1839	88	4.811	6
457	4A	PR4187	5517	88	1.603	18
458	10	EM1133	3986	87	2.189	13
459	4A	001023	4599	87	1.899	15
460	4A	001245	4599	87	1.898	15
461	4A	001644	4599	87	1.897	15
462	4A	001870	4599	87	1.899	15
463	4A	002019	5825	87	1.502	19
464	4A	002107	4599	87	1.899	15
465	4A	002266	5825	87	1.497	19
466	4A	002271	4599	87	1.899	15
467	4A	PK1677	4599	87	1.89	15
468	4A	PR3650	3679	87	2.366	12
469	4A	PT0093	4599	87	1.9	15
470	4A	PT0156	4599	87	1.899	15
471	4A	PK1013	4291	86	2.014	14
472	4A	PP2603	4291	86	2	14
473	4A	PP2611	4291	86	2.004	14
474	4A	PP2642	4291	86	1.999	14
475	4A	PP5038	4292	86	1.999	14
476	4A	PP5155	3373	86	2.56	11
477	4A	PP5224	4291	86	2.002	14
478	4A	PP5264	4291	86	1.999	14
479	4A	PP5323	3372	86	2.549	11
480	4A	PP5354	2146	86	4.023	7
481	4A	PP5404	2146	86	4.014	7
482	4A	PT0183	4292	86	2	14
483	3B	LU1059	1930	85	4.397	6
484	4A	PP5324	1840	85	4.643	6
485	10	KM0453	6439	84	1.308	21
486	25	290151	3372	84	2.486	11
487	4A	PR3858	5211	84	1.617	17
488	4A	PR4213	5211	84	1.604	17
489	25	BNF187	1840	83	4.521	6
490	25	UK0025	1840	83	4.503	6
491	25	UK0116	1840	83	4.487	6
492	25	UK0159	1839	83	4.512	6
493	25	UK0231	1840	83	4.517	6
494	3B	LU1445	1667	83	4.95	5
495	4A	001849	5519	83	1.499	18
496	4A	002070	5519	83	1.502	18
497	4A	PP2539	5211	83	1.6	17
498	4A	PP2588	2452	83	3.384	8
499	4A	PP2612	5212	83	1.593	17

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
500	4A	PP2636	5211	83	1.601	17
501	4A	PP5072	4598	83	1.803	15
502	4A	PP5131	5210	83	1.597	17
503	4A	PP5318	5211	83	1.593	17
504	4A	PR4206	5211	83	1.6	17
505	25	TY0622	1839	82	4.47	6
506	25	UK0092	1839	82	4.485	6
507	25	UK0124	1839	82	4.472	6
508	25	UK0257	1840	82	4.454	6
509	4A	001306	4292	82	1.899	14
510	4A	PK1067	4292	82	1.922	14
511	4A	PK1422	4293	82	1.902	14
512	4A	PK1589	4293	82	1.901	14
513	4A	PK1748	4293	82	1.9	14
514	4A	PK1831	4292	82	1.904	14
515	4A	PT0050	4293	82	1.9	14
516	4A	PT0146	4293	82	1.902	14
517	4A	PT0194	4293	82	1.901	14
518	10	KM1018	3372	81	2.413	11
519	10	KM1327	1839	81	4.393	6
520	3B	LU0032	1839	81	4.405	6
521	3B	LU1451	1838	81	4.418	6
522	4A	002167	4292	81	1.898	14
523	4A	PK1223	2758	81	2.924	9
524	4A	PP2870	3372	81	2.402	11
525	4A	PP5458	1839	81	4.411	6
526	4A	PP5544	1839	81	4.401	6
527	4A	PR4308	3373	81	2.394	11
528	4A	PT0009	1839	81	4.405	6
529	4A	PT0078	1839	81	4.431	6
530	4G	167297	11348	81	0.7121	37
531	10	KM1191	1839	80	4.374	6
532	4A	PK0669	1839	80	4.366	6
533	4A	PK1273	3984	80	1.996	13
534	4A	PP2531	3984	80	1.999	13
535	4A	PP2802	3985	80	2.001	13
536	4A	PP5183	3985	80	2.003	13
537	4A	PT0071	3066	80	2.598	10
538	4A	PT0105	3984	80	2.003	13
539	4A	PT0245	3985	80	2.004	13
540	3B	LU0833	1966	79	4.001	6
541	4A	PP2578	3984	79	1.994	13
542	4A	PP5102	4904	79	1.62	16
543	4A	PP5279	4906	79	1.608	16
544	4A	PP5519	2452	79	3.227	8
545	4A	PR3641	4904	79	1.603	16

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
546	4A	PR3664	4904	79	1.601	16
547	4A	PR3721	4904	79	1.603	16
548	4A	PR3751	4904	79	1.606	16
549	4A	PR3814	4904	79	1.602	16
550	3B	LU1429	2146	78	3.615	7
551	4A	001543	5212	78	1.498	17
552	4A	001709	5212	78	1.499	17
553	4A	002085	5212	78	1.499	17
554	4A	002280	5212	78	1.502	17
555	4A	002400	5213	78	1.501	17
556	4A	PK0974	4903	78	1.596	16
557	4A	PK1058	2760	78	2.815	9
558	4A	PP2514	5210	78	1.488	17
559	4A	PP5005	4292	78	1.813	14
560	4A	PP5023	4292	78	1.828	14
561	4A	PR3645	4904	78	1.599	16
562	4A	PR4408	4904	78	1.599	16
563	3B	LU0369	1889	76	4.001	6
564	3B	LU1057	1533	76	4.951	5
565	3B	LU2362	1533	76	4.951	5
566	3B	LU2506	1533	76	4.945	5
567	4A	001675	3986	76	1.897	13
568	4A	001680	3986	76	1.899	13
569	4A	001873	3986	76	1.899	13
570	4A	PK0450	3986	76	1.9	13
571	4A	PK0692	3986	76	1.898	13
572	4A	PK0715	3986	76	1.898	13
573	4A	PK1701	3986	76	1.9	13
574	4A	PK1820	3986	76	1.901	13
575	4A	PK1853	3986	76	1.897	13
576	4A	PK1887	3986	76	1.902	13
577	4A	PP2798	1533	76	4.949	5
578	4A	PP5188	1533	76	4.949	5
579	4A	PT0076	3065	76	2.496	10
580	4A	PT0178	3986	76	1.901	13
581	4A	PT0243	3986	76	1.901	13
582	3B	LU2427	2088	75	3.61	7
583	4A	PK0619	3986	75	1.884	13
584	4A	PK1096	1839	75	4.104	6
585	25	D00033	7356	74	1.002	24
586	25	TRN031	1839	74	4	6
587	4A	001575	4906	74	1.502	16
588	4A	PK0812	3678	74	2.007	12
589	4A	PP2581	3678	74	1.999	12
590	4A	PP2591	3678	74	2.011	12
591	4A	PP2825	3678	74	2.005	12

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
592	4A	PP5053	4598	74	1.599	15
593	4A	PP5109	1839	74	4.003	6
594	4A	PP5133	4598	74	1.608	15
595	4A	PP5175	3678	74	2.008	12
596	4A	PP5284	4598	74	1.599	15
597	4A	PP5298	1839	74	4.046	6
598	4A	PP5310	4599	74	1.6	15
599	4A	PR3608	4598	74	1.603	15
600	4A	PR3748	4598	74	1.6	15
601	4A	PR4167	3678	74	1.999	12
602	4A	PR4204	4598	74	1.603	15
603	4A	PR4406	4598	74	1.606	15
604	4A	PR4409	4598	74	1.602	15
605	4A	PT0107	2452	74	3.008	8
606	4G	168218	10426	74	0.7126	34
607	25	P00004	5827	73	1.25	19
608	3B	LU1669	1472	73	4.951	5
609	4A	001812	4906	73	1.498	16
610	4A	002093	4906	73	1.498	16
611	4A	PK1092	3065	73	2.396	10
612	4A	PP2632	3678	73	1.998	12
613	4A	PR3627	4598	73	1.591	15
614	4A	PR4081	4292	73	1.696	14
615	4A	PP5421	2452	72	2.946	8
616	4A	PP5575	3984	72	1.804	13
617	4A	PT0191	2759	72	2.596	9
618	25	GOI115	2151	71	3.322	7
619	4A	PP5609	3678	71	1.943	12
620	4A	PR2730	2760	71	2.555	9
621	4A	PR3642	1533	71	4.634	5
622	4A	001483	3679	70	1.897	12
623	4A	001788	3679	70	1.898	12
624	4A	002091	3679	70	1.899	12
625	4A	PK0664	3679	70	1.901	12
626	4A	PK1071	3679	70	1.899	12
627	4A	PK1169	3679	70	1.901	12
628	4A	PK1341	3679	70	1.903	12
629	4A	PK1362	3679	70	1.902	12
630	4A	PK1373	3679	70	1.902	12
631	4A	PK1693	3679	70	1.902	12
632	4A	PK1794	3679	70	1.897	12
633	4A	PP5069	1839	70	3.786	6
634	4A	PT0066	3679	70	1.902	12
635	25	290094	2760	69	2.494	9
636	25	290131	2760	69	2.486	9
637	25	BNF182	1533	69	4.5	5

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
638	25	BNF206	1533	69	4.513	5
639	25	BNF242	1533	69	4.528	5
640	25	UK0200	1533	69	4.487	5
641	25	UK0203	1533	69	4.482	5
642	25	UK0224	1533	69	4.49	5
643	25	UK0270	1533	69	4.492	5
644	3B	LU0074	1561	69	4.394	5
645	3B	LU2014	2146	69	3.207	7
646	4A	001059	4599	69	1.499	15
647	4A	001156	4906	69	1.401	16
648	4A	001603	4599	69	1.502	15
649	4A	001845	4599	69	1.497	15
650	4A	002362	4599	69	1.501	15
651	4A	002481	3679	69	1.888	12
652	4A	PP2553	4597	69	1.506	15
653	4A	PP2777	2147	69	3.204	7
654	4A	PP2838	1533	69	4.503	5
655	4A	PP5115	4293	69	1.599	14
656	4A	PP5126	4291	69	1.598	14
657	4A	PP5129	4291	69	1.599	14
658	4A	PP5167	4291	69	1.599	14
659	4A	PP5281	4291	69	1.601	14
660	4A	PP5403	2146	69	3.224	7
661	4A	PP5450	2146	69	3.198	7
662	4A	PP5560	5825	69	1.178	19
663	4A	PR3780	4291	69	1.602	14
664	4A	PR4168	4291	69	1.6	14
665	4A	PR4322	4291	69	1.599	14
666	4G	164459	5212	69	1.33	17
667	3B	LU2354	1533	68	4.408	5
668	4A	PP2572	3371	68	2.012	11
669	4A	PP2574	3371	68	2.003	11
670	4A	PP2655	3371	68	2.004	11
671	4A	PP5445	1533	68	4.409	5
672	4A	PT0210	1533	68	4.451	5
673	25	TRN135	1533	67	4.4	5
674	3B	LU2335	1850	67	3.61	6
675	4A	PK1325	3371	67	1.998	11
676	4A	PK1479	1533	67	4.402	5
677	4A	PP5170	3678	67	1.812	12
678	4A	PP5179	3372	67	2	11
679	4A	PP5288	1533	67	4.401	5
680	4A	PP5420	1533	67	4.397	5
681	4A	PP5429	1533	67	4.4	5
682	4A	PP5602	1533	67	4.398	5
683	4A	PT0099	3371	67	1.992	11

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
684	3B	LU2369	1643	66	4	5
685	4A	PK1072	3678	66	1.802	12
686	4A	PP2900	1838	66	3.601	6
687	4A	PP2909	1840	66	3.606	6
688	4A	PP5277	1839	66	3.603	6
689	4A	PP5679	1839	66	3.597	6
690	4A	PR3611	1840	66	3.601	6
691	3B	LU1064	2029	65	3.207	7
692	3B	LU2253	6412	65	1.021	21
693	4A	002179	4293	65	1.504	14
694	4A	PK1487	4291	65	1.51	14
695	4A	PP5270	5212	65	1.248	17
696	4A	PT0118	1839	65	3.53	6
697	4A	001085	3373	64	1.899	11
698	4A	001125	3373	64	1.899	11
699	4A	001355	3373	64	1.9	11
700	4A	001442	3373	64	1.899	11
701	4A	001606	3986	64	1.601	13
702	4A	001662	3373	64	1.9	11
703	4A	002298	4293	64	1.499	14
704	4A	PK1405	3372	64	1.899	11
705	4A	PK1613	3373	64	1.899	11
706	4A	PK1644	3373	64	1.899	11
707	4A	PK1868	3984	64	1.612	13
708	4A	PP5101	3985	64	1.598	13
709	4A	PR3499	3985	64	1.607	13
710	4A	PR3677	3986	64	1.603	13
711	4A	PR3866	3985	64	1.604	13
712	4A	PR4351	3985	64	1.606	13
713	4A	PT0216	3373	64	1.899	11
714	4G	169358	8893	64	0.7176	29
715	3B	LU0713	1437	63	4.397	5
716	4A	PT0218	1533	63	4.1	5
717	25	290148	2452	62	2.528	8
718	3B	LU0122	6106	62	1.021	20
719	3B	LU0781	6044	62	1.021	20
720	4A	PP2549	3065	62	2.008	10
721	4A	PP2580	3065	62	2.008	10
722	4A	PP5058	3372	62	1.845	11
723	4A	PP5241	3065	62	2.011	10
724	4A	PP5400	1533	62	4.013	5
725	4A	PR4179	3065	62	2.008	10
726	25	P00049	4907	61	1.248	16
727	3B	LU0473	1226	61	4.953	4
728	3B	LU0978	1226	61	4.952	4
729	3B	LU1357	1227	61	4.951	4

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
730	3B	LU1414	1226	61	4.952	4
731	3B	LU1589	1226	61	4.952	4
732	3B	LU1696	1226	61	4.952	4
733	3B	LU2249	1226	61	4.952	4
734	3B	LU2292	1226	61	4.952	4
735	3B	LU2420	1226	61	4.951	4
736	3B	LU2494	1226	61	4.949	4
737	3B	LU2516	1227	61	4.952	4
738	4A	001273	4906	61	1.25	16
739	4A	002257	4906	61	1.25	16
740	4A	PK1891	6436	61	0.9546	21
741	4A	PP2579	3065	61	2.005	10
742	4A	PP2609	3065	61	2.005	10
743	4A	PP2644	3065	61	2.001	10
744	4A	PP2872	3065	61	2.003	10
745	4A	PP2882	1226	61	4.948	4
746	4A	PP2913	1532	61	3.988	5
747	4A	PP5026	3372	61	1.806	11
748	4A	PP5061	1532	61	3.994	5
749	4A	PP5079	3372	61	1.8	11
750	4A	PP5210	3065	61	1.998	10
751	4A	PP5217	3065	61	2.006	10
752	4A	PP5550	2757	61	2.214	9
753	4A	PP5621	2759	61	2.198	9
754	4G	165462	4905	61	1.241	16
755	3B	LU1202	1220	60	4.952	4
756	4A	001313	3986	60	1.501	13
757	4A	001412	3986	60	1.499	13
758	4A	002032	3986	60	1.498	13
759	4A	002055	3986	60	1.498	13
760	4A	PK0934	1533	60	3.941	5
761	4A	PK1695	3984	60	1.504	13
762	4A	PR3662	1533	60	3.942	5
763	3B	LU0656	1201	59	4.951	4
764	3B	LU1626	1352	59	4.395	4
765	3B	LU2142	1474	59	4	5
766	4A	001941	3680	59	1.6	12
767	4A	002210	4599	59	1.272	15
768	4A	PP5027	1840	59	3.208	6
769	4A	PP5042	1226	59	4.803	4
770	4A	PP5118	3678	59	1.613	12
771	4A	PP5120	3678	59	1.61	12
772	4A	PP5134	3678	59	1.599	12
773	4A	PP5147	3678	59	1.61	12
774	4A	PP5180	1840	59	3.198	6
775	4A	PP5334	3678	59	1.598	12

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
776	4A	PP5454	1839	59	3.193	6
777	4A	PR3467	3678	59	1.601	12
778	4A	PR3766	3678	59	1.6	12
779	4A	PR4339	3678	59	1.606	12
780	4A	PT0151	2453	59	2.396	8
781	3B	LU0073	1317	58	4.395	4
782	4A	001609	3066	58	1.902	10
783	4A	001674	3680	58	1.587	12
784	4A	001780	3066	58	1.898	10
785	4A	001947	3066	58	1.899	10
786	4A	002155	3066	58	1.9	10
787	4A	002404	3066	58	1.899	10
788	4A	002416	3066	58	1.898	10
789	4A	PK0472	3066	58	1.902	10
790	4A	PK1293	3066	58	1.902	10
791	4A	PK1402	3066	58	1.903	10
792	4A	PK1536	3066	58	1.901	10
793	4A	PK1599	3066	58	1.902	10
794	4A	PK1675	3066	58	1.901	10
795	4A	PK1709	3066	58	1.897	10
796	4A	PK1832	3066	58	1.902	10
797	4A	PK1858	3066	58	1.901	10
798	4A	PP2821	1533	58	3.803	5
799	4A	PP5077	1533	58	3.8	5
800	4A	PR4192	1533	58	3.786	5
801	4A	PT0003	3066	58	1.9	10
802	4A	PK0673	5210	57	1.103	17
803	4G	166907	7972	57	0.7124	26
804	3B	LU0280	1276	56	4.402	4
805	4A	PP5057	3065	56	1.811	10
806	4A	PT0234	2758	56	2.014	9
807	4G	168047	4291	56	1.311	14
808	25	TY0625	1226	55	4.486	4
809	25	TY0707	1226	55	4.509	4
810	25	UK0178	1227	55	4.49	4
811	25	UK0232	1227	55	4.509	4
812	25	UK0255	1226	55	4.516	4
813	3B	LU2317	2147	55	2.554	7
814	3B	LU2355	1533	55	3.615	5
815	4A	001366	3680	55	1.497	12
816	4A	001829	3680	55	1.499	12
817	4A	001936	3680	55	1.5	12
818	4A	002332	3679	55	1.499	12
819	4A	002471	3680	55	1.499	12
820	4A	002475	3679	55	1.499	12
821	4A	PK0815	3065	55	1.804	10

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
822	4A	PK1204	3065	55	1.802	10
823	4A	PK1878	3679	55	1.503	12
824	4A	PP2525	2758	55	2.001	9
825	4A	PP2536	2758	55	2.001	9
826	4A	PP5012	3065	55	1.809	10
827	4A	PP5151	2759	55	2.002	9
828	4A	PP5153	2759	55	2	9
829	4A	PP5186	2759	55	1.999	9
830	4A	PP5198	2759	55	2.001	9
831	4A	PP5223	2759	55	2	9
832	4A	PP5265	2759	55	2.003	9
833	4A	PP5580	2146	55	2.551	7
834	4A	PR3604	1533	55	3.598	5
835	4A	PR4319	2759	55	2.005	9
836	4A	PT0087	2758	55	2.003	9
837	4A	PT0095	2759	55	2.008	9
838	4A	PT0175	2758	55	2.001	9
839	4A	PT0179	2758	55	2.007	9
840	25	290019	2146	54	2.524	7
841	25	P00052	4293	54	1.252	14
842	3B	LU0476	1227	54	4.423	4
843	3B	LU1139	1227	54	4.396	4
844	3B	LU2419	1226	54	4.398	4
845	3B	LU2469	1226	54	4.396	4
846	4A	001504	4600	54	1.18	15
847	4A	001980	4293	54	1.249	14
848	4A	PK0653	3371	54	1.604	11
849	4A	PK0701	3372	54	1.6	11
850	4A	PK1668	3371	54	1.597	11
851	4A	PK1735	3371	54	1.596	11
852	4A	PP2573	1226	54	4.394	4
853	4A	PP2792	1226	54	4.41	4
854	4A	PP5425	1226	54	4.434	4
855	4A	PP5461	3370	54	1.588	11
856	4A	PR3501	3372	54	1.603	11
857	4A	PR3628	3372	54	1.603	11
858	4A	PR3679	3372	54	1.603	11
859	4A	PR3889	3372	54	1.602	11
860	4A	PR4092	3372	54	1.605	11
861	4A	PR4108	3372	54	1.601	11
862	4A	PR4388	1226	54	4.398	4
863	4A	PT0082	1226	54	4.401	4
864	4A	PT0125	1226	54	4.393	4
865	4A	PT0166	1226	54	4.404	4
866	4A	PT0252	1226	54	4.439	4
867	3B	LU2081	1479	53	3.601	5

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
868	4A	PK0789	2758	53	1.916	9
869	4A	PK0889	2760	53	1.904	9
870	4A	PK1189	2760	53	1.904	9
871	4A	001088	2759	52	1.899	9
872	4A	001259	2759	52	1.899	9
873	4A	001269	2759	52	1.897	9
874	4A	001381	2759	52	1.898	9
875	4A	001596	2759	52	1.893	9
876	4A	001685	2759	52	1.898	9
877	4A	002023	2759	52	1.894	9
878	4A	002063	3680	52	1.403	12
879	4A	002477	2759	52	1.901	9
880	4A	PK0434	2760	52	1.902	9
881	4A	PK0606	2760	52	1.902	9
882	4G	167070	7361	52	0.7121	24
883	3B	LU0069	1280	51	4.002	4
884	4A	001046	3373	51	1.501	11
885	4A	001307	3373	51	1.499	11
886	4A	001513	3373	51	1.499	11
887	4A	001698	3373	51	1.5	11
888	4A	001722	3373	51	1.499	11
889	4A	PK1150	1226	51	4.141	4
890	4A	PK1456	1226	51	4.149	4
891	4A	PR3601	2146	51	2.399	7
892	4A	PT0077	1226	51	4.183	4
893	4A	002375	3373	50	1.497	11
894	4A	PK0988	2758	50	1.802	9
895	4A	PK1421	2758	50	1.808	9
896	4A	PK1742	2758	50	1.802	9
897	4A	PP5006	2759	50	1.81	9
898	3B	LU0008	1226	49	4	4
899	3B	LU0394	1533	49	3.202	5
900	4A	PK0798	1226	49	3.961	4
901	4A	PK1447	2452	49	2.004	8
902	4A	PP2602	1226	49	4	4
903	4A	PP2633	2452	49	2.008	8
904	4A	PP2638	2452	49	1.995	8
905	4A	PP2646	2452	49	1.997	8
906	4A	PP5119	3065	49	1.597	10
907	4A	PP5130	3067	49	1.596	10
908	4A	PP5159	3065	49	1.606	10
909	4A	PP5164	3065	49	1.597	10
910	4A	PP5207	2452	49	2.003	8
911	4A	PP5218	2452	49	2.002	8
912	4A	PP5219	2452	49	2.001	8
913	4A	PP5251	2452	49	1.998	8

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
914	4A	PP5271	2452	49	2	8
915	4A	PP5275	3065	49	1.599	10
916	4A	PP5286	3065	49	1.595	10
917	4A	PP5359	1533	49	3.207	5
918	4A	PP5428	1533	49	3.212	5
919	4A	PP5462	1226	49	3.999	4
920	4A	PR2791	1226	49	4.003	4
921	4A	PR3517	3065	49	1.601	10
922	4A	PR3605	2452	49	2.003	8
923	4A	PR3624	3065	49	1.6	10
924	4A	PR3629	3065	49	1.602	10
925	4A	PR3657	3065	49	1.605	10
926	4A	PR3872	3065	49	1.601	10
927	4A	PR4345	3065	49	1.598	10
928	4A	PT0106	2452	49	2.005	8
929	4A	PT0235	1839	49	2.68	6
930	4G	169970	6746	49	0.7235	22
931	4G	169991	6746	49	0.7264	22
932	10	KM0937	1227	48	3.954	4
933	25	TRN046	1227	48	3.95	4
934	4A	PK0987	3678	48	1.301	12
935	4A	001731	2453	47	1.9	8
936	4A	002430	2453	47	1.9	8
937	4A	002479	2453	47	1.899	8
938	4A	PK1244	2453	47	1.907	8
939	4A	PK1433	2453	47	1.898	8
940	4A	PK1592	2453	47	1.902	8
941	4A	PK1682	2453	47	1.9	8
942	4A	PK1821	2453	47	1.9	8
943	4A	PP2634	3372	47	1.406	11
944	4A	PT0233	2453	47	1.9	8
945	25	290145	1840	46	2.512	6
946	25	TRN140	920	46	4.95	3
947	3B	LU0354	920	46	4.958	3
948	3B	LU0360	920	46	4.951	3
949	3B	LU0438	920	46	4.951	3
950	3B	LU0468	920	46	4.952	3
951	3B	LU0614	919	46	4.951	3
952	3B	LU0892	920	46	4.951	3
953	3B	LU1031	920	46	4.952	3
954	3B	LU1113	920	46	4.95	3
955	3B	LU1281	920	46	4.951	3
956	3B	LU1412	920	46	4.951	3
957	3B	LU1491	920	46	4.952	3
958	3B	LU1602	920	46	4.953	3
959	3B	LU1604	920	46	4.952	3

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
960	3B	LU2051	920	46	4.951	3
961	3B	LU2072	920	46	4.951	3
962	3B	LU2111	920	46	4.951	3
963	3B	LU2113	920	46	4.951	3
964	3B	LU2299	1155	46	4.001	4
965	3B	LU2363	919	46	4.951	3
966	3B	LU2470	920	46	4.951	3
967	3B	LU2586	920	46	4.951	3
968	3B	LU2591	920	46	4.952	3
969	4A	001702	3066	46	1.498	10
970	4A	002003	3680	46	1.25	12
971	4A	002386	3066	46	1.506	10
972	4G	167099	6440	46	0.7155	21
973	3B	LU0477	920	45	4.934	3
974	4A	PP5396	920	45	4.946	3
975	10	KM1397	1839	44	2.402	6
976	4A	PK1311	2452	44	1.804	8
977	4A	PK1390	2452	44	1.802	8
978	4A	PK1457	4600	44	0.9516	15
979	4A	PK1759	3371	44	1.302	11
980	4A	PP5145	2759	44	1.597	9
981	4A	PP5158	2759	44	1.599	9
982	4A	PP5293	1226	44	3.595	4
983	4A	PP5412	1226	44	3.604	4
984	4A	PP5532	2452	44	1.805	8
985	4A	PR3588	2759	44	1.609	9
986	4A	PR3606	2759	44	1.602	9
987	4A	PR3676	3679	44	1.195	12
988	4A	PR3685	2759	44	1.605	9
989	4A	PR4347	2759	44	1.607	9
990	4G	169384	6133	44	0.7141	20
991	4A	002406	3066	43	1.397	10
992	4A	PK1161	2145	43	1.995	7
993	4A	PP2546	2145	43	2.011	7
994	4A	PP2547	2145	43	1.997	7
995	4A	PP2596	2145	43	1.999	7
996	4A	PP5157	2146	43	2.006	7
997	4A	PP5221	2146	43	2.004	7
998	4A	PP5222	2146	43	1.999	7
999	4A	PP5227	2146	43	2.001	7
1000	4A	PP5250	2146	43	2.005	7
1001	4A	PP5252	2146	43	2.011	7
1002	4A	PR4190	2146	43	2.001	7
1003	4A	PT0002	2146	43	2	7
1004	4A	PT0238	2145	43	1.998	7
1005	25	BNF168	920	42	4.516	3

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1006	25	BNF210	920	42	4.52	3
1007	25	MMN131	1226	42	3.426	4
1008	25	UK0162	920	42	4.517	3
1009	4A	001063	3373	42	1.249	11
1010	25	TY0640	920	41	4.48	3
1011	25	UK0018	920	41	4.473	3
1012	25	UK0034	920	41	4.454	3
1013	3B	LU0411	920	41	4.423	3
1014	3B	LU0923	1840	41	2.24	6
1015	3B	LU1022	1840	41	2.24	6
1016	3B	LU1159	831	41	4.951	3
1017	4A	001022	2146	41	1.898	7
1018	4A	001228	2146	41	1.899	7
1019	4A	001384	2146	41	1.9	7
1020	4A	001408	2146	41	1.9	7
1021	4A	001639	2146	41	1.899	7
1022	4A	001658	2146	41	1.899	7
1023	4A	001831	2759	41	1.499	9
1024	4A	001850	2146	41	1.901	7
1025	4A	002292	2760	41	1.501	9
1026	4A	PK0649	2146	41	1.9	7
1027	4A	PK1137	2146	41	1.907	7
1028	4A	PK1178	2146	41	1.901	7
1029	4A	PK1308	2146	41	1.896	7
1030	4A	PK1485	4291	41	0.9562	14
1031	4A	PK1518	2146	41	1.899	7
1032	4A	PK1892	2146	41	1.899	7
1033	4A	PP5430	920	41	4.405	3
1034	4A	PT0229	2146	41	1.902	7
1035	4A	PT0246	2759	41	1.5	9
1036	4G	170001	5520	41	0.7362	18
1037	10	EL1763	5518	40	0.7164	18
1038	3B	LU0737	920	40	4.4	3
1039	4A	001017	2146	40	1.885	7
1040	4A	PK0591	920	40	4.394	3
1041	4A	PK0650	3065	40	1.303	10
1042	4A	PP5289	920	40	4.4	3
1043	4A	PP5408	920	40	4.381	3
1044	4A	PP5438	920	40	4.376	3
1045	4A	PP5567	920	40	4.397	3
1046	4A	PT0059	3678	40	1.101	12
1047	25	290020	1533	39	2.527	5
1048	3B	LU0258	1226	39	3.213	4
1049	3B	LU0372	1227	39	3.201	4
1050	3B	LU1134	1226	39	3.201	4
1051	3B	LU1668	1226	39	3.204	4

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1052	3B	LU2522	1226	39	3.201	4
1053	4A	001752	2760	39	1.399	9
1054	4A	PK0969	2145	39	1.799	7
1055	4A	PK1655	4598	39	0.8456	15
1056	4A	PP5019	2146	39	1.805	7
1057	4A	PP5070	2452	39	1.599	8
1058	4A	PP5150	2452	39	1.6	8
1059	4A	PP5162	2452	39	1.608	8
1060	4A	PP5295	1226	39	3.218	4
1061	4A	PP5311	2452	39	1.602	8
1062	4A	PP5328	2452	39	1.603	8
1063	4A	PP5386	1226	39	3.202	4
1064	4A	PP5466	2145	39	1.819	7
1065	4A	PR3482	2452	39	1.604	8
1066	4A	PR4341	2452	39	1.604	8
1067	4A	PR4342	2452	39	1.604	8
1068	4A	002088	3066	38	1.248	10
1069	4A	002338	3066	38	1.249	10
1070	4A	PK1217	920	38	4.094	3
1071	4A	PK1322	920	38	4.107	3
1072	4A	PK1605	3984	38	0.9529	13
1073	4A	PP2818	920	38	4.095	3
1074	4A	PT0212	920	38	4.106	3
1075	3B	LU0005	920	37	4.001	3
1076	3B	LU0045	919	37	4	3
1077	3B	LU0731	920	37	4.007	3
1078	3B	LU1694	1533	37	2.41	5
1079	4A	001162	2453	37	1.5	8
1080	4A	001611	2453	37	1.499	8
1081	4A	001917	2453	37	1.5	8
1082	4A	002007	2453	37	1.5	8
1083	4A	002241	2453	37	1.505	8
1084	4A	PK0948	920	37	3.994	3
1085	4A	PK1445	2452	37	1.501	8
1086	4A	PK1508	1839	37	2.003	6
1087	4A	PP2516	1839	37	1.997	6
1088	4A	PP2534	1839	37	2.001	6
1089	4A	PP2542	1839	37	2.002	6
1090	4A	PP2556	1839	37	2.004	6
1091	4A	PP2592	2453	37	1.5	8
1092	4A	PP5085	1533	37	2.398	5
1093	4A	PP5168	919	37	4.027	3
1094	4A	PP5182	1839	37	2.004	6
1095	4A	PP5184	1840	37	2.004	6
1096	4A	PP5216	1840	37	2.004	6
1097	4A	PP5220	1839	37	2.001	6

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1098	4A	PP5253	1839	37	1.997	6
1099	4A	PP5259	1839	37	2.03	6
1100	4A	PP5263	1839	37	2.008	6
1101	4A	PP5613	1532	37	2.406	5
1102	4A	PR3632	1533	37	2.396	5
1103	4A	PR4361	920	37	4.005	3
1104	4A	PT0025	1839	37	2.002	6
1105	4A	PT0176	1838	37	2.002	6
1106	4A	PT0188	1838	37	2.014	6
1107	4G	169897	5213	37	0.7122	17
1108	4A	PK1702	3984	36	0.903	13
1109	4A	PP5050	1839	36	1.948	6
1110	4A	PP5068	2146	36	1.7	7
1111	4A	PR2786	2146	36	1.68	7
1112	25	D24836	2760	35	1.251	9
1113	4A	001800	2760	35	1.251	9
1114	4A	001854	1840	35	1.899	6
1115	4A	001881	1840	35	1.899	6
1116	4A	002226	1840	35	1.9	6
1117	4A	002339	2760	35	1.251	9
1118	4A	002344	2760	35	1.25	9
1119	4A	PK1193	1840	35	1.909	6
1120	4A	PK1834	1840	35	1.901	6
1121	4A	PK1864	3678	35	0.9536	12
1122	4A	PP5110	920	35	3.794	3
1123	4A	PR4188	2146	35	1.608	7
1124	4G	169344	4907	35	0.7137	16
1125	3B	LU1162	1676	34	2.002	5
1126	3B	LU1330	842	34	4.001	3
1127	3B	LU1706	767	34	4.395	3
1128	3B	LU2454	694	34	4.952	2
1129	4A	001402	2760	34	1.25	9
1130	4A	001938	2760	34	1.249	9
1131	4A	PP2860	920	34	3.722	3
1132	4A	PP5139	2146	34	1.606	7
1133	4A	PP5177	2146	34	1.606	7
1134	4A	PP5290	2146	34	1.592	7
1135	4A	PR3594	2146	34	1.605	7
1136	4A	PR3595	2146	34	1.601	7
1137	4A	PR3599	2146	34	1.6	7
1138	4A	PR3784	2146	34	1.602	7
1139	4A	PR3826	2146	34	1.604	7
1140	4A	PR3983	2146	34	1.605	7
1141	4A	PR4336	2146	34	1.601	7
1142	3B	LU1015	667	33	4.946	2
1143	4A	PK1290	1839	33	1.801	6

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1144	4A	PP5474	920	33	3.604	3
1145	4A	PP5565	1839	33	1.806	6
1146	4A	PR4164	1839	33	1.808	6
1147	4G	168396	4600	33	0.7233	15
1148	10	KM1772	1226	32	2.633	4
1149	4A	001238	2146	32	1.498	7
1150	4A	001565	2147	32	1.5	7
1151	4A	001902	2146	32	1.498	7
1152	4A	001923	2147	32	1.5	7
1153	4A	002258	2146	32	1.498	7
1154	4A	PK0484	2145	32	1.495	7
1155	4A	PK1515	2452	32	1.305	8
1156	4A	PK1649	2452	32	1.307	8
1157	4A	PK1679	3371	32	0.9514	11
1158	4G	126120	2759	32	1.176	9
1159	4G	164464	3986	32	0.8055	13
1160	25	W00565	4293	31	0.7207	14
1161	3B	LU1472	1227	31	2.554	4
1162	4A	001011	2453	31	1.25	8
1163	4A	002116	2453	31	1.249	8
1164	4A	002147	2453	31	1.25	8
1165	4A	002262	2453	31	1.25	8
1166	4A	PK1034	1532	31	2	5
1167	4A	PK1365	1532	31	2.019	5
1168	4A	PP2503	1532	31	2.002	5
1169	4A	PP2507	1532	31	2.002	5
1170	4A	PP5054	1226	31	2.561	4
1171	4A	PP5181	1533	31	2	5
1172	4A	PP5185	1533	31	2.001	5
1173	4A	PP5246	1533	31	2.002	5
1174	4A	PP5257	1533	31	2.002	5
1175	4A	PP5365	4294	31	0.7152	14
1176	4A	PR4177	1533	31	2.002	5
1177	4A	PT0043	920	31	3.337	3
1178	4A	PT0081	1533	31	2.007	5
1179	4A	PT0092	3678	31	0.8514	12
1180	4A	PT0115	3371	31	0.9085	11
1181	3B	LU0010	613	30	4.95	2
1182	3B	LU0035	613	30	4.952	2
1183	3B	LU0061	614	30	4.951	2
1184	3B	LU0109	920	30	3.213	3
1185	3B	LU0327	614	30	4.951	2
1186	3B	LU0444	613	30	4.955	2
1187	3B	LU0486	614	30	4.955	2
1188	3B	LU0732	613	30	4.95	2
1189	3B	LU0836	920	30	3.215	3

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1190	3B	LU0967	613	30	4.951	2
1191	3B	LU1041	613	30	4.952	2
1192	3B	LU1231	613	30	4.951	2
1193	3B	LU1353	614	30	4.951	2
1194	3B	LU1418	614	30	4.951	2
1195	3B	LU1528	613	30	4.951	2
1196	3B	LU1681	613	30	4.952	2
1197	3B	LU2079	613	30	4.952	2
1198	3B	LU2264	613	30	4.951	2
1199	3B	LU2287	613	30	4.951	2
1200	3B	LU2413	613	30	4.951	2
1201	4A	001202	2146	30	1.395	7
1202	4A	001737	2146	30	1.399	7
1203	4A	PP5086	920	30	3.208	3
1204	4A	PP5206	613	30	4.951	2
1205	4A	PR2738	1839	30	1.608	6
1206	4A	PT0041	613	30	4.949	2
1207	10	KM0580	1226	29	2.381	4
1208	3B	LU1047	920	29	3.202	3
1209	3B	LU1411	920	29	3.2	3
1210	3B	LU1416	1226	29	2.4	4
1211	3B	LU1455	920	29	3.198	3
1212	3B	LU1703	920	29	3.204	3
1213	3B	LU2070	920	29	3.189	3
1214	3B	LU2157	919	29	3.189	3
1215	3B	LU2306	920	29	3.198	3
1216	4A	001244	1533	29	1.9	5
1217	4A	001795	1840	29	1.599	6
1218	4A	001801	1533	29	1.899	5
1219	4A	PK0409	1533	29	1.899	5
1220	4A	PK0694	1533	29	1.897	5
1221	4A	PK0953	1533	29	1.903	5
1222	4A	PK0977	1533	29	1.899	5
1223	4A	PK1465	1533	29	1.898	5
1224	4A	PK1600	1533	29	1.899	5
1225	4A	PK1781	3065	29	0.955	10
1226	4A	PK1844	3065	29	0.9531	10
1227	4A	PP2613	1533	29	1.899	5
1228	4A	PP5161	1839	29	1.601	6
1229	4A	PP5280	1839	29	1.595	6
1230	4A	PP5407	920	29	3.198	3
1231	4A	PR3674	1839	29	1.603	6
1232	4A	PR3697	1839	29	1.601	6
1233	4A	PR3752	1839	29	1.602	6
1234	4A	PR3761	1839	29	1.6	6
1235	4A	PR3816	1839	29	1.595	6

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1236	4A	PR4372	1839	29	1.599	6
1237	4A	PT0167	1226	29	2.396	4
1238	4G	169339	3986	29	0.72	13
1239	25	UK0198	613	28	4.514	2
1240	25	UK0238	613	28	4.52	2
1241	4A	001515	1840	28	1.499	6
1242	4A	001553	1840	28	1.5	6
1243	4A	001671	1840	28	1.5	6
1244	4A	001745	1840	28	1.517	6
1245	4A	002048	1840	28	1.499	6
1246	4A	002058	1840	28	1.5	6
1247	4A	002076	1840	28	1.499	6
1248	4A	002427	1840	28	1.499	6
1249	4A	PK1105	1532	28	1.803	5
1250	4A	PK1269	1532	28	1.804	5
1251	4A	PK1360	1532	28	1.804	5
1252	4A	PP5208	613	28	4.645	2
1253	4A	PT0196	613	28	4.501	2
1254	4G	169403	3986	28	0.7124	13
1255	4G	169918	3987	28	0.7132	13
1256	3B	LU0869	613	27	4.396	2
1257	3B	LU0986	613	27	4.396	2
1258	3B	LU1066	613	27	4.396	2
1259	4A	001219	2147	27	1.251	7
1260	4A	PK1452	613	27	4.4	2
1261	4A	PK1830	2452	27	1.099	8
1262	4A	PP2807	2146	27	1.273	7
1263	4A	PP2819	613	27	4.397	2
1264	4A	PP2878	613	27	4.401	2
1265	4A	PP5024	613	27	4.438	2
1266	4A	PP5285	613	27	4.396	2
1267	4A	PP5299	613	27	4.4	2
1268	4A	PP5384	613	27	4.413	2
1269	4A	PP5538	613	27	4.4	2
1270	4A	PP5608	1227	27	2.184	4
1271	4A	PR3867	613	27	4.406	2
1272	4G	166599	3679	27	0.729	12
1273	4G	170016	3680	27	0.7262	12
1274	3B	LU0837	595	26	4.397	2
1275	4A	PK1643	2758	26	0.954	9
1276	4A	PP2833	613	26	4.215	2
1277	4G	169192	3680	26	0.7152	12
1278	4G	169275	3680	26	0.7121	12
1279	10	KM1411	613	25	4.153	2
1280	10	KM1640	613	25	4.108	2
1281	25	TNF121	613	25	4.07	2

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1282	25	TRN003	614	25	3.997	2
1283	3B	LU0682	613	25	4.007	2
1284	3B	LU1441	613	25	4	2
1285	4A	PK1356	613	25	4.122	2
1286	4A	PK1531	1226	25	2.001	4
1287	4A	PP2554	1226	25	2.004	4
1288	4A	PP2788	613	25	4.104	2
1289	4A	PP2813	613	25	4.002	2
1290	4A	PP5135	1533	25	1.605	5
1291	4A	PP5140	1533	25	1.604	5
1292	4A	PP5149	1533	25	1.6	5
1293	4A	PP5214	1226	25	1.999	4
1294	4A	PP5291	1533	25	1.599	5
1295	4A	PP5319	1534	25	1.602	5
1296	4A	PP5375	613	25	4.002	2
1297	4A	PR2775	1533	25	1.6	5
1298	4A	PR2876	1533	25	1.6	5
1299	4A	PR3485	613	25	4.005	2
1300	4A	PR3753	1533	25	1.599	5
1301	4A	PT0007	1226	25	2.005	4
1302	4A	PT0060	1226	25	2.006	4
1303	4A	PT0086	1226	25	2.003	4
1304	4A	PT0126	1226	25	2.024	4
1305	4A	PT0168	1226	25	2.013	4
1306	25	TRN069	613	24	3.95	2
1307	4A	001858	1533	24	1.596	5
1308	4A	PK0898	613	24	3.993	2
1309	4A	PK1776	1839	24	1.299	6
1310	4A	PK1898	1839	24	1.302	6
1311	4A	PP2502	613	24	3.996	2
1312	4A	PP5282	1533	24	1.592	5
1313	4A	PT0024	1226	24	1.997	4
1314	4A	PT0068	1226	24	1.994	4
1315	4G	169913	3373	24	0.7157	11
1316	4A	001082	1533	23	1.5	5
1317	4A	001122	1533	23	1.498	5
1318	4A	001124	1840	23	1.251	6
1319	4A	001180	1533	23	1.497	5
1320	4A	001213	1533	23	1.501	5
1321	4A	001410	1840	23	1.248	6
1322	4A	001429	1840	23	1.249	6
1323	4A	001441	1533	23	1.498	5
1324	4A	001656	1226	23	1.9	4
1325	4A	001692	1226	23	1.899	4
1326	4A	001789	1533	23	1.497	5
1327	4A	001828	1226	23	1.899	4

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1328	4A	001841	1533	23	1.502	5
1329	4A	001982	1533	23	1.499	5
1330	4A	002015	1226	23	1.9	4
1331	4A	002021	1840	23	1.25	6
1332	4A	002191	1533	23	1.5	5
1333	4A	002199	1226	23	1.899	4
1334	4A	002254	1840	23	1.251	6
1335	4A	002301	1533	23	1.5	5
1336	4A	002326	1533	23	1.5	5
1337	4A	002358	1533	23	1.498	5
1338	4A	002405	1840	23	1.248	6
1339	4A	PK1022	1226	23	1.901	4
1340	4A	PK1152	1226	23	1.9	4
1341	4A	PK1358	1226	23	1.901	4
1342	4A	PK1630	1226	23	1.903	4
1343	4A	PK1707	2452	23	0.9555	8
1344	4A	PK1747	1226	23	1.894	4
1345	4A	PK1827	1226	23	1.906	4
1346	4A	PK1901	1532	23	1.51	5
1347	4A	PP2509	613	23	3.809	2
1348	4A	PT0239	1226	23	1.904	4
1349	10	KM1829	919	22	2.405	3
1350	3B	LU0119	919	22	2.407	3
1351	3B	LU1236	920	22	2.408	3
1352	3B	LU1331	920	22	2.384	3
1353	3B	LU1436	920	22	2.4	3
1354	3B	LU1437	920	22	2.408	3
1355	3B	LU2069	920	22	2.393	3
1356	4A	PK0417	1226	22	1.797	4
1357	4A	PK0559	1226	22	1.801	4
1358	4A	PK0911	613	22	3.634	2
1359	4A	PP5315	613	22	3.646	2
1360	4A	PP5397	1226	22	1.804	4
1361	4A	PP5622	613	22	3.596	2
1362	4A	PR3654	920	22	2.4	3
1363	4A	PK1764	2145	21	0.956	7
1364	4A	PP2524	1533	21	1.398	5
1365	3B	LU0098	613	20	3.213	2
1366	3B	LU0246	613	20	3.197	2
1367	3B	LU0439	613	20	3.201	2
1368	3B	LU0825	613	20	3.201	2
1369	3B	LU1215	613	20	3.202	2
1370	3B	LU1228	613	20	3.2	2
1371	3B	LU1297	614	20	3.197	2
1372	3B	LU1704	1226	20	1.659	4
1373	3B	LU2270	1226	20	1.601	4

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1374	4A	001672	1227	20	1.6	4
1375	4A	002143	1227	20	1.6	4
1376	4A	PK1683	1226	20	1.601	4
1377	4A	PK1723	2145	20	0.9529	7
1378	4A	PK1731	1226	20	1.666	4
1379	4A	PK1880	1226	20	1.617	4
1380	4A	PP2866	613	20	3.195	2
1381	4A	PP5570	613	20	3.215	2
1382	4A	PR3672	1226	20	1.614	4
1383	4A	PR4184	1226	20	1.6	4
1384	3B	LU2336	1533	19	1.214	5
1385	3B	LU2414	1533	19	1.214	5
1386	4A	001303	1533	19	1.249	5
1387	4A	001642	1533	19	1.251	5
1388	4A	001703	1533	19	1.252	5
1389	4A	001918	1533	19	1.25	5
1390	4A	002421	1226	19	1.557	4
1391	4A	PP5527	919	19	2.076	3
1392	4A	PP5541	920	19	2.014	3
1393	3B	LU1294	1534	18	1.199	5
1394	4A	001279	1227	18	1.497	4
1395	4A	001323	1226	18	1.499	4
1396	4A	001418	1226	18	1.499	4
1397	4A	001579	1226	18	1.499	4
1398	4A	001590	1226	18	1.5	4
1399	4A	001621	1227	18	1.501	4
1400	4A	001749	1226	18	1.499	4
1401	4A	001778	1226	18	1.504	4
1402	4A	001787	1227	18	1.501	4
1403	4A	001964	1227	18	1.499	4
1404	4A	002156	1227	18	1.499	4
1405	4A	002243	1226	18	1.499	4
1406	4A	002395	1226	18	1.499	4
1407	4A	002466	1227	18	1.5	4
1408	4A	PK0400	1226	18	1.428	4
1409	4A	PK0405	920	18	1.903	3
1410	4A	PP2555	919	18	1.996	3
1411	4A	PP2617	919	18	1.999	3
1412	4A	PP2908	613	18	2.962	2
1413	4A	PT0018	1226	18	1.486	4
1414	4A	PT0070	920	18	2.002	3
1415	4A	PT0193	920	18	2.006	3
1416	4A	001961	920	17	1.9	3
1417	4A	002249	920	17	1.899	3
1418	4A	002381	1227	17	1.402	4
1419	4A	PK0441	920	17	1.899	3

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1420	4A	PK0603	919	17	1.803	3
1421	4A	PK1047	919	17	1.805	3
1422	4A	PK1551	1839	17	0.9513	6
1423	4A	PK1697	920	17	1.899	3
1424	4A	PK1739	919	17	1.802	3
1425	4A	PK1757	920	17	1.902	3
1426	4A	PP5556	919	17	1.803	3
1427	4A	PK1689	1226	16	1.301	4
1428	4A	PK1848	1226	16	1.298	4
1429	4A	PP5377	613	16	2.573	2
1430	4A	PP5398	613	16	2.554	2
1431	4A	PT0111	613	16	2.677	2
1432	4G	166658	2146	16	0.737	7
1433	3B	LU0075	613	15	2.407	2
1434	3B	LU0288	306	15	4.955	1
1435	3B	LU0352	306	15	4.951	1
1436	3B	LU0359	306	15	4.952	1
1437	3B	LU0618	306	15	4.955	1
1438	3B	LU0652	306	15	4.95	1
1439	3B	LU0733	307	15	4.951	1
1440	3B	LU0774	614	15	2.408	2
1441	3B	LU0896	920	15	1.601	3
1442	3B	LU0992	307	15	4.951	1
1443	3B	LU0995	306	15	4.949	1
1444	3B	LU1114	1227	15	1.199	4
1445	3B	LU1142	306	15	4.951	1
1446	3B	LU1207	307	15	4.955	1
1447	3B	LU1223	306	15	4.951	1
1448	3B	LU1470	307	15	4.949	1
1449	3B	LU1574	307	15	4.951	1
1450	3B	LU1581	307	15	4.952	1
1451	3B	LU1610	920	15	1.659	3
1452	3B	LU1664	613	15	2.395	2
1453	3B	LU1666	306	15	4.951	1
1454	3B	LU1693	307	15	4.954	1
1455	3B	LU1699	306	15	4.951	1
1456	3B	LU2047	307	15	4.951	1
1457	3B	LU2053	307	15	4.951	1
1458	3B	LU2091	614	15	2.393	2
1459	3B	LU2319	306	15	4.951	1
1460	3B	LU2322	307	15	4.951	1
1461	3B	LU2389	306	15	4.951	1
1462	3B	LU2436	306	15	4.951	1
1463	3B	LU2531	307	15	4.951	1
1464	3B	LU2543	306	15	4.951	1
1465	3B	LU2553	307	15	4.953	1

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1466	3B	LU2557	306	15	4.951	1
1467	3B	LU2584	307	15	4.95	1
1468	4A	001031	1227	15	1.2	4
1469	4A	001248	1227	15	1.25	4
1470	4A	001249	1227	15	1.25	4
1471	4A	001559	1227	15	1.252	4
1472	4A	001718	920	15	1.599	3
1473	4A	001823	1227	15	1.249	4
1474	4A	001978	1227	15	1.251	4
1475	4A	002157	1227	15	1.249	4
1476	4A	PK0394	920	15	1.604	3
1477	4A	PK1817	1226	15	1.212	4
1478	4A	PP5127	920	15	1.612	3
1479	4A	PP5196	307	15	4.957	1
1480	4A	PP5668	613	15	2.41	2
1481	4A	PR3545	920	15	1.597	3
1482	4A	PR3603	920	15	1.598	3
1483	4A	PR3943	920	15	1.597	3
1484	4A	PR4073	920	15	1.601	3
1485	4A	PR4368	920	15	1.6	3
1486	4A	PT0109	1533	15	1.006	5
1487	4A	PT0268	2146	15	0.714	7
1488	25	TNF112	307	14	4.48	1
1489	25	TNF195	307	14	4.48	1
1490	25	TY0717	307	14	4.478	1
1491	25	UK0036	307	14	4.514	1
1492	3B	LU1309	713	14	2.007	2
1493	4A	001070	920	14	1.498	3
1494	4A	001092	920	14	1.497	3
1495	4A	001163	920	14	1.5	3
1496	4A	001246	920	14	1.499	3
1497	4A	001882	920	14	1.499	3
1498	4A	002020	920	14	1.503	3
1499	4A	002052	920	14	1.501	3
1500	4A	002074	920	14	1.5	3
1501	4A	002134	920	14	1.499	3
1502	4A	002300	920	14	1.497	3
1503	4A	002316	920	14	1.5	3
1504	4A	002345	920	14	1.497	3
1505	4A	002350	920	14	1.499	3
1506	4A	002434	920	14	1.499	3
1507	4A	002446	920	14	1.499	3
1508	4A	PP5283	307	14	4.409	1
1509	4A	PP5506	307	14	4.614	1
1510	4A	PT0240	1532	14	0.901	5
1511	4G	166726	1226	14	1.13	4

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1512	10	KM1157	307	13	4.11	1
1513	3B	LU1046	306	13	4.396	1
1514	4A	PK0474	307	13	4.381	1
1515	4A	PK1483	1226	13	1.101	4
1516	4A	PR3597	307	13	4.402	1
1517	10	KM1784	306	12	3.794	1
1518	25	TRN029	306	12	4.002	1
1519	25	TRN066	307	12	4.002	1
1520	25	TRN071	307	12	4	1
1521	25	TRN077	307	12	3.95	1
1522	3B	LU0198	307	12	4.008	1
1523	3B	LU0317	307	12	4.007	1
1524	3B	LU1383	306	12	4.001	1
1525	4A	001044	613	12	1.898	2
1526	4A	001167	613	12	1.897	2
1527	4A	001341	920	12	1.251	3
1528	4A	001777	920	12	1.253	3
1529	4A	002011	613	12	1.9	2
1530	4A	002206	613	12	1.898	2
1531	4A	PK1208	613	12	1.902	2
1532	4A	PK1363	613	12	1.901	2
1533	4A	PK1455	613	12	1.903	2
1534	4A	PK1474	613	12	1.899	2
1535	4A	PK1486	919	12	1.305	3
1536	4A	PK1559	613	12	1.898	2
1537	4A	PK1574	613	12	1.899	2
1538	4A	PP2511	613	12	2.004	2
1539	4A	PP2529	307	12	4.002	1
1540	4A	PP2569	613	12	2.003	2
1541	4A	PP2584	613	12	2.002	2
1542	4A	PP2586	613	12	2.006	2
1543	4A	PP2653	613	12	1.997	2
1544	4A	PP5233	613	12	1.992	2
1545	4A	PP5439	307	12	4	1
1546	4A	PT0051	613	12	2.009	2
1547	4A	PT0062	613	12	2.003	2
1548	4A	PT0090	613	12	2.005	2
1549	4A	PT0129	306	12	3.976	1
1550	4A	PT0136	613	12	2.005	2
1551	4A	PT0162	613	12	2.002	2
1552	4A	PT0181	613	12	2.003	2
1553	4G	169992	1533	12	0.7519	5
1554	10	KM1106	307	11	3.497	1
1555	4A	001176	920	11	1.249	3
1556	4A	001866	920	11	1.249	3
1557	4A	002238	920	11	1.248	3

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1558	4A	002319	920	11	1.248	3
1559	4A	002495	920	11	1.248	3
1560	4A	PK0620	613	11	1.802	2
1561	4A	PK0629	613	11	1.8	2
1562	4A	PK0923	306	11	3.596	1
1563	4A	PK1591	613	11	1.808	2
1564	4A	PP2505	307	11	3.576	1
1565	4A	PP2515	307	11	3.596	1
1566	4A	PP5444	306	11	3.487	1
1567	4A	PP5502	307	11	3.579	1
1568	4A	PR3567	307	11	3.6	1
1569	4G	169907	1533	11	0.7242	5
1570	3B	LU0021	613	10	1.601	2
1571	3B	LU0294	613	10	1.601	2
1572	3B	LU0467	306	10	3.213	1
1573	3B	LU0474	306	10	3.202	1
1574	3B	LU1276	307	10	3.201	1
1575	3B	LU1284	613	10	1.659	2
1576	3B	LU1295	307	10	3.201	1
1577	3B	LU1468	307	10	3.202	1
1578	3B	LU1630	613	10	1.659	2
1579	3B	LU2541	307	10	3.202	1
1580	4A	PK0846	307	10	3.396	1
1581	4A	PK0903	1226	10	0.8187	4
1582	4A	PK1046	613	10	1.601	2
1583	4A	PK1634	919	10	1.097	3
1584	4A	PR3591	613	10	1.602	2
1585	4A	PR4042	613	10	1.65	2
1586	4A	PR4219	307	10	3.4	1
1587	4A	PR4286	613	10	1.604	2
1588	4A	001281	613	9	1.397	2
1589	4A	001391	613	9	1.496	2
1590	4A	001502	613	9	1.499	2
1591	4A	001511	613	9	1.401	2
1592	4A	001951	613	9	1.405	2
1593	4A	001998	613	9	1.502	2
1594	4A	002031	613	9	1.499	2
1595	4A	002046	613	9	1.5	2
1596	4A	002133	613	9	1.497	2
1597	4A	002247	613	9	1.501	2
1598	4A	PK0476	613	9	1.402	2
1599	4A	PK1718	919	9	0.9536	3
1600	4G	166421	613	9	1.407	2
1601	3B	LU0792	307	8	2.554	1
1602	4A	001086	613	8	1.25	2
1603	4A	001191	613	8	1.249	2

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1604	4A	001760	613	8	1.25	2
1605	4A	001907	613	8	1.25	2
1606	4A	001940	613	8	1.252	2
1607	4A	002146	613	8	1.246	2
1608	4A	002209	613	8	1.251	2
1609	4A	002246	613	8	1.25	2
1610	4A	002283	613	8	1.25	2
1611	4A	002309	613	8	1.249	2
1612	4A	002349	613	8	1.25	2
1613	4A	PK0448	307	8	2.612	1
1614	4A	PK1806	613	8	1.298	2
1615	4A	PP5394	920	8	0.8403	3
1616	4A	PP5606	307	8	2.729	1
1617	4A	PR2848	307	8	2.546	1
1618	10	KM1175	306	7	2.408	1
1619	3B	LU0168	307	7	2.407	1
1620	3B	LU0318	307	7	2.432	1
1621	3B	LU0730	306	7	2.395	1
1622	3B	LU0790	307	7	2.407	1
1623	3B	LU0891	307	7	2.24	1
1624	3B	LU0962	306	7	2.395	1
1625	3B	LU1219	306	7	2.395	1
1626	3B	LU1487	306	7	2.4	1
1627	3B	LU1638	307	7	2.133	1
1628	3B	LU1707	306	7	2.41	1
1629	4A	001695	613	6	0.9488	2
1630	4A	001851	307	6	1.898	1
1631	4A	002103	307	6	1.901	1
1632	4A	002127	307	6	1.899	1
1633	4A	PK0539	307	6	1.904	1
1634	4A	PK0808	306	6	1.797	1
1635	4A	PK1210	307	6	1.902	1
1636	4A	PK1288	307	6	1.9	1
1637	4A	PK1315	306	6	1.998	1
1638	4A	PK1331	306	6	2.001	1
1639	4A	PK1659	306	6	1.802	1
1640	4A	PP2518	306	6	2.015	1
1641	4A	PP5212	307	6	2.003	1
1642	4A	PP5249	307	6	2.002	1
1643	4A	PP5522	306	6	1.799	1
1644	4A	PP5545	306	6	1.943	1
1645	4A	PP5587	306	6	1.801	1
1646	4A	PP5629	306	6	1.806	1
1647	4A	PT0016	307	6	2	1
1648	4A	PT0045	307	6	2.001	1
1649	4A	PT0145	306	6	2.003	1

Paducah						
Cylinders	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1650	4A	PT0250	613	6	0.902	2
1651	4G	165242	613	6	0.924	2
1652	3B	LU0452	307	5	1.601	1
1653	3B	LU0531	306	5	1.601	1
1654	3B	LU0728	306	5	1.6	1
1655	3B	LU0894	307	5	1.601	1
1656	4A	001204	307	5	1.499	1
1657	4A	001266	307	5	1.6	1
1658	4A	001294	307	5	1.601	1
1659	4A	001432	307	5	1.499	1
1660	4A	001518	307	5	1.498	1
1661	4A	001636	307	5	1.5	1
1662	4A	001776	307	5	1.498	1
1663	4A	001991	307	5	1.502	1
1664	4A	002054	307	5	1.5	1
1665	4A	002140	307	5	1.5	1
1666	4A	002232	307	5	1.499	1
1667	4A	PP5518	307	5	1.601	1
1668	4A	001321	307	4	1.404	1
1669	4A	001527	307	4	1.248	1
1670	4A	001569	307	4	1.249	1
1671	4A	001645	307	4	1.251	1
1672	4A	001963	307	4	1.25	1
1673	4A	002080	307	4	1.25	1
1674	4A	002255	307	4	1.249	1
1675	4A	002398	307	4	1.207	1
1676	4A	002493	307	4	1.249	1
1677	4A	PT0232	306	4	1.271	1
1678	4G	169882	613	4	0.7191	2
1679	4G	172532	613	4	0.7139	2
1680	4A	PT0198	306	3	0.897	1
1681	4G	165325	307	3	1.1	1
1682	4G	169895	307	2	0.7182	1
1683	4G	170465	307	2	0.7148	1

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS
ATTACHMENT J-8.C.5.3.6b - LIST OF ENRICHED HEEL CYLINDERS WITH
GREATER THAN 180g AND LESS THAN 350g U-23

SECTION J – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

**ATTACHMENT J-8.C.5.3.6b: LIST OF ENRICHED HEEL CYLINDERS WITH
 GREATER THAN 180g and LESS THAN 350g U-235**

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1	4F	009652	11960	344.5676	2.881	39
2	4A	001242	12890	344.38213	2.6717	42.04
3	4A	000424	8278	341.8814	4.13	27
4	4A	000647	13399	340.428393	2.5407	43.7
5	4A	001824	8584	338.89632	3.948	28
6	4A	001577	8891	337.59127	3.797	29
7	4A	003039	10734	337.498428	3.1442	35
8	4A	002279	10424	336.59096	3.229	34
9	4A	003193	10734	336.006402	3.1303	35
10	4A	000399	7510	332.71553	4.4303	24.49
11	4A	000609	15180	331.40976	2.1832	49.51
12	4A	000105	10421	331.200222	3.1782	34
13	4A	000739	9682	329.972242	3.4081	31.57
14	4A	003258	10424	329.29416	3.159	34
15	4A	000508	5792	327.995168	5.6629	18.88
16	4A	001404	11077	327.269965	2.9545	36.13
17	4A	000222	10422	326.83392	3.136	34
18	4A	003130	14103	326.695995	2.3165	46
19	4F	009619	10734	325.56222	3.033	35
20	4A	003365	10120	324.08288	3.2024	33
21	4F	009637	10427	323.96689	3.107	34
22	4A	000719	10117	323.54166	3.198	33
23	4A	003162	9505	323.26505	3.401	31
24	4F	009604	9809	322.02947	3.283	32
25	4A	003163	10116	321.78996	3.181	33
26	4A	000346	13183	321.6652	2.44	43
27	4A	001050	7666	321.43538	4.193	25
28	4A	003003	10116	319.604904	3.1594	33
29	4F	009523	11345	318.45415	2.807	37
30	4F	009509	11342	316.66864	2.792	37
31	4A	000538	10114	316.608656	3.1304	33
32	4A	001382	12880	316.08808	2.4541	42
33	4A	002480	15079	315.543154	2.0926	49.18
34	4A	001438	11340	315.33138	2.7807	37
35	4A	KM1727	6439	314.73832	4.888	21
36	4F	009648	10427	314.113375	3.0125	34
37	4A	003054	9811	313.75578	3.198	32
38	4A	001496	10734	313.529406	2.9209	35
39	4A	000829	9199	313.22595	3.405	30

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
40	4A	000209	11955	312.62325	2.615	39
41	4A	003311	9809	312.31856	3.184	32
42	4A	001892	9197	311.96224	3.392	30
43	4A	003274	11953	311.112684	2.6028	39
44	4F	009645	11958	309.59262	2.589	39
45	4F	009644	9505	309.1026	3.252	31
46	4A	002374	9812	306.889924	3.1277	32
47	4A	000046	11040	306.36	2.775	36
48	4A	002445	14998	305.80922	2.039	48.91
49	4A	002037	9505	305.58575	3.215	31
50	4A	000891	9503	305.52145	3.215	31
51	4A	001405	8893	302.45093	3.401	29
52	4A	000757	10119	301.5462	2.98	33
53	4A	003068	12880	298.172	2.315	42
54	4A	000946	11035	297.61395	2.697	36
55	4A	000144	9196	297.21472	3.232	30
56	4A	000755	5353	297.059382	5.5494	17.45
57	4A	001755	6746	296.75654	4.399	22
58	4F	009608	9199	294.956736	3.2064	30
59	4A	000687	8890	294.5257	3.313	29
60	4A	001505	9814	294.42	3	32
61	3B	LU1365	7358	294.32	4	24
62	4B	006116	12267	292.93596	2.388	40
63	4A	000709	11037	292.14939	2.647	36
64	4B	006726	9805	291.414405	2.9721	32
65	4F	009653	5706	291.006	5.1	18.6
66	4A	001921	7358	290.71458	3.951	24
67	4A	003364	9195	290.562	3.16	30
68	4A	000925	14179	287.961311	2.0309	46.24
69	4A	000969	12875	285.69625	2.219	42
70	4A	001383	9195	282.829005	3.0759	30
71	4A	000870	11027	281.938336	2.5568	35.96
72	4A	002081	15184	281.754304	1.8556	49.52
73	4A	002005	7050	281.5065	3.993	23
74	4A	002259	10425	281.475	2.7	34
75	4B	007927	12816	280.837008	2.1913	41.79
76	4F	009650	8893	280.48522	3.154	29
77	4A	002078	15281	280.391069	1.8349	49.84
78	4F	009516	9197	279.95668	3.044	30
79	4A	002217	11648	279.90144	2.403	38
80	4A	003275	8893	278.653262	3.1334	29
81	4A	000871	7973	278.57662	3.494	26
82	4G	018313	11035	278.41305	2.523	36
83	4A	PK1532	6132	278.33148	4.539	20
84	4F	009602	8587	278.2188	3.24	28
85	4F	009614	9507	277.6044	2.92	31

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
86	4A	PP2827	6131	277.36644	4.524	20
87	3A	D75662	7665	276.62985	3.609	25
88	4X	EM1850	11347	275.95904	2.432	37
89	3A	D28597	6743	275.701041	4.0887	22
90	4A	001300	6560	274.87712	4.1902	21.39
91	4A	003206	8891	273.66498	3.078	29
92	4A	003340	9814	272.966596	2.7814	32
93	4A	000190	12476	272.638028	2.1853	40.7
94	4A	001192	8584	272.62784	3.176	28
95	4F	009528	10427	271.83189	2.607	34
96	4A	000311	10509	270.995583	2.5787	34.27
97	4A	002145	7357	270.0019	3.67	24
98	4A	000613	8587	269.837888	3.1424	28
99	4A	PP2803	6744	269.55768	3.997	22
100	4A	002397	6438	267.30576	4.152	21
101	4A	000627	5224	266.9464	5.11	17.03
102	4A	000095	9812	265.61084	2.707	32
103	4A	000377	14270	265.47908	1.8604	46.54
104	4F	009501	9814	265.4687	2.705	32
105	4A	PP2842	6130	264.88956	4.3212	20
106	4A	001769	6438	264.66618	4.111	21
107	4A	002219	8276	264.58372	3.197	27
108	4A	000527	8278	263.48874	3.183	27
109	4A	001413	5517	263.32641	4.773	18
110	4A	001909	6746	262.48686	3.891	22
111	4A	000517	10116	261.90324	2.589	33
112	4A	000500	11039	261.867158	2.3722	36
113	4A	001890	10734	261.74859	2.4385	35
114	4A	002282	9503	260.581763	2.7421	31
115	4F	009654	9507	258.78054	2.722	31
116	4A	000856	6436	257.56872	4.002	21
117	4F	009507	7970	256.7934	3.222	26
118	4A	002016	9199	256.6521	2.79	30
119	4A	001827	8279	256.48342	3.098	27
120	4A	000411	9199	256.46812	2.788	30
121	4A	001174	5824	256.31424	4.401	19
122	4A	001494	5824	256.13952	4.398	19
123	4F	009636	7971	255.62997	3.207	26
124	4A	000730	9199	255.36424	2.776	30
125	4A	001910	7972	255.26344	3.202	26
126	4A	003038	7973	254.250997	3.1889	26
127	4A	001678	7049	253.83449	3.601	23
128	4F	009607	4000	253.36	6.334	13.04
129	4A	003051	7663	253.33878	3.306	25
130	4F	009526	6004	253.050588	4.2147	19.58
131	4A	000513	7667	252.420641	3.2923	25

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
132	4A	000092	7662	252.0798	3.29	25
133	4A	000108	8587	251.281381	2.9263	28
134	4A	001144	7972	250.910728	3.1474	26
135	4F	009631	9495	250.810425	2.6415	30.96
136	4F	009656	8893	249.71544	2.808	29
137	4A	000768	7666	249.45164	3.254	25
138	4A	000150	8279	248.37	3	27
139	4F	009660	9504	247.00896	2.599	31
140	4A	000584	9507	246.80172	2.596	31
141	4A	001426	6743	246.38922	3.654	22
142	4A	PP2879	6745	246.3274	3.652	22
143	4A	000014	7971	245.682162	3.0822	26
144	4A	001128	5519	244.32613	4.427	18
145	4A	001966	12265	244.19615	1.991	40
146	4A	000028	7667	244.19395	3.185	25
147	4A	002469	15055	243.936165	1.6203	49.09
148	4A	001627	13492	243.5306	1.805	44
149	4A	000013	11206	241.646184	2.1564	36.55
150	4A	000349	7667	240.59046	3.138	25
151	4A	003014	5642	239.232084	4.2402	18.39
152	4F	009510	7359	239.09391	3.249	24
153	4A	000672	4388	238.062164	5.4253	14.31
154	4A	PP2815	7357	236.939542	3.2206	24
155	4A	001358	9203	236.820799	2.5733	30
156	4A	000476	7666	235.95948	3.078	25
157	4A	000810	7360	235.5936	3.201	24
158	4A	001838	9811	235.16967	2.397	32
159	4A	003128	8892	235.10448	2.644	29
160	4A	003313	7358	234.219856	3.1832	24
161	4A	001786	12693	234.147771	1.8447	41.4
162	4A	000585	7974	233.861472	2.9328	26
163	4A	002491	5210	233.6685	4.485	17
164	4A	003131	7970	233.521	2.93	26
165	4A	002122	5826	233.50608	4.008	19
166	3A	A02013	5814	233.501868	4.0162	19
167	4F	009609	7973	232.49268	2.916	26
168	4A	001106	5210	232.4702	4.462	17
169	4A	001314	5517	231.82434	4.202	18
170	4A	001094	7662	231.54564	3.022	25
171	4A	000936	8891	231.07709	2.599	29
172	4B	008933	12881	231.059378	1.7938	42
173	4A	000298	9281	230.892718	2.4878	30.27
174	4A	001347	5517	230.83128	4.184	18
175	4F	009627	8893	230.77335	2.595	29
176	4A	000280	7050	230.3235	3.267	23
177	4A	003248	8280	229.9356	2.777	27

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
178	4A	001539	7971	229.64451	2.881	26
179	4A	000300	6746	229.43146	3.401	22
180	4A	002066	5212	229.01528	4.394	17
181	4A	001274	13183	228.85688	1.736	43
182	3A	D38050	7355	228.571335	3.1077	24
183	4A	002013	6745	228.45315	3.387	22
184	4A	000224	9882	228.066678	2.3079	32.23
185	4A	002468	9768	227.291592	2.3269	31.85
186	4A	003129	8587	226.95441	2.643	28
187	4A	000465	7358	226.47924	3.078	24
188	3A	300208	7666	225.53372	2.942	25
189	4A	000333	6439	225.49378	3.502	21
190	4A	002379	13898	224.66117	1.6165	45.32
191	4A	000548	7973	224.511707	2.8159	26
192	4F	009508	8587	223.43374	2.602	28
193	4A	001357	8602	223.299318	2.5959	28.06
194	4A	003307	8586	223.15014	2.599	28
195	4A	000153	11111	222.99777	2.007	36.24
196	4A	000574	8586	222.240024	2.5884	28
197	4A	000955	5824	222.06912	3.813	19
198	3A	D31438	5518	221.85119	4.0205	18
199	4A	000896	6746	221.67356	3.286	22
200	4A	001637	5518	221.49252	4.014	18
201	4A	003074	13802	221.38408	1.604	45
202	4A	000080	7051	221.274482	3.1382	23
203	4A	000706	7052	221.087252	3.1351	23
204	4A	002343	7052	221.0802	3.135	23
205	4A	002455	4907	221.06035	4.505	16
206	4A	001884	5518	220.88554	4.003	18
207	4A	001181	7049	220.527965	3.1285	23
208	4A	002288	9197	220.45209	2.397	30
209	4A	001634	6437	220.40288	3.424	21
210	4A	001898	8661	219.348486	2.5326	28.24
211	4A	000106	7351	218.787813	2.9763	24
212	4A	000962	5518	218.29208	3.956	18
213	4A	002090	5518	218.29208	3.956	18
214	4F	009638	7053	218.00823	3.091	23
215	4F	009606	8583	217.733544	2.5368	28
216	4A	002180	7981	217.40244	2.724	26.02
217	4A	001699	7971	217.28946	2.726	26
218	4A	000070	6744	217.02192	3.218	22
219	4A	000881	5323	216.481087	4.0669	17.35
220	4A	002371	5823	216.38268	3.716	19
221	4A	002194	5824	216.30336	3.714	19
222	4A	000255	11288	216.041032	1.9139	36.81
223	4A	000368	12149	215.547558	1.7742	39.62

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
224	4A	000612	8894	215.519408	2.4232	29
225	4A	001694	5519	215.46176	3.904	18
226	4A	001474	5518	215.42272	3.904	18
227	4A	000495	7666	215.4146	2.81	25
228	4A	002450	5211	214.79742	4.122	17
229	4A	000305	6747	214.75701	3.183	22
230	4A	003021	8280	214.5348	2.591	27
231	4A	001597	4065	214.32306	5.2724	13.25
232	4F	009529	11854	214.154364	1.8066	38.65
233	3A	D27557	5362	214.147556	3.9938	17.49
234	4A	PP2841	5213	213.800769	4.1013	17
235	4A	000591	8151	213.523596	2.6196	26.58
236	4A	000965	6133	213.36707	3.479	20
237	4A	002172	5212	213.32716	4.093	17
238	4A	000760	5212	212.85808	4.084	17
239	4A	000055	7667	212.83592	2.776	25
240	4A	001972	7051	212.65816	3.016	23
241	4A	KM1435	4292	212.53984	4.952	14
242	4A	PP5232	13179	212.31369	1.611	43
243	4A	002460	4293	212.28885	4.945	14
244	4A	000801	7051	212.2351	3.01	23
245	4A	001018	6438	211.4883	3.285	21
246	4A	001251	4292	210.26508	4.899	14
247	4A	002459	5518	210.07026	3.807	18
248	4A	000515	10817	209.719996	1.9388	35.27
249	4A	000784	5212	209.67876	4.023	17
250	4A	000015	9197	209.59963	2.279	30
251	3A	300221	7357	209.23308	2.844	24
252	4A	000121	6747	209.22447	3.101	22
253	4A	001451	5825	209.17575	3.591	19
254	4F	009522	6746	208.99108	3.098	22
255	4A	000964	7661	208.777572	2.7252	25
256	3A	D31684	5210	208.67613	4.0053	17
257	4A	001386	7666	207.82526	2.711	25
258	4A	002378	10425	207.77025	1.993	34
259	4A	002012	5211	207.24147	3.977	17
260	4A	001101	4598	207.04794	4.503	15
261	4F	009518	7053	206.93502	2.934	23
262	4A	001227	5210	206.7849	3.969	17
263	4A	003265	12882	206.7561	1.605	42
264	4A	000416	7358	206.53906	2.807	24
265	4A	000865	8276	206.40344	2.494	27
266	4A	000847	6438	206.40228	3.206	21
267	4A	002286	5209	206.17222	3.958	17
268	4F	009634	7357	206.14314	2.802	24
269	4A	000733	6439	206.125268	3.2012	21

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
270	4A	000920	5213	205.44433	3.941	17
271	4A	002034	7051	205.39563	2.913	23
272	4A	002293	5211	205.15707	3.937	17
273	4A	002114	5520	204.4056	3.703	18
274	4A	001207	11344	204.192	1.8	37
275	4F	009502	7360	204.06336	2.7726	24
276	4A	001707	5518	203.6142	3.69	18
277	4A	PK0995	4905	203.326965	4.1453	16
278	4A	002035	8279	202.8355	2.45	27
279	4A	001730	5210	202.7732	3.892	17
280	4A	000822	7665	202.73925	2.645	25
281	4A	002169	4906	202.51968	4.128	16
282	4A	000339	4598	202.40396	4.402	15
283	4A	003009	8280	202.1976	2.442	27
284	4A	003047	6440	202.00992	3.1368	21
285	4A	003189	6437	201.54247	3.131	21
286	4A	002244	4599	201.20625	4.375	15
287	4A	000039	8243	201.063256	2.4392	26.87
288	4A	003333	7348	200.67388	2.731	24
289	4A	002187	5516	200.67208	3.638	18
290	4A	000851	3203	200.533424	6.2608	10.44
291	4A	002009	6440	199.74304	3.1016	21
292	4A	001392	5517	198.99819	3.607	18
293	4A	001848	7051	198.936914	2.8214	23
294	4A	001984	5826	198.84138	3.413	19
295	4A	002053	6746	198.6697	2.945	22
296	4A	003285	5826	198.31704	3.404	19
297	4A	001095	3984	198.204	4.975	13
298	4A	PK0799	4293	198.07902	4.614	14
299	4A	002464	8280	197.8092	2.389	27
300	4A	PK0982	3986	197.42658	4.953	13
301	4A	PK0445	3984	197.32752	4.953	13
302	3A	D44790	4905	197.15157	4.0194	16
303	4A	PK0439	3986	197.14756	4.946	13
304	4A	001571	6132	196.95984	3.212	20
305	4A	PK1426	3985	196.859	4.94	13
306	3A	300010	3985	196.6199	4.934	13
307	4A	001277	3985	196.6199	4.934	13
308	4A	001377	3986	196.58952	4.932	13
309	4A	000425	9861	196.549452	1.9932	32.16
310	3A	300035	3986	196.43008	4.928	13
311	4A	000718	4906	196.04376	3.996	16
312	4A	000906	6132	195.79476	3.193	20
313	3A	300166	6746	195.76892	2.902	22
314	4A	001135	3985	195.14545	4.897	13
315	4A	001186	4906	194.81726	3.971	16

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
316	4A	001268	3984	194.33952	4.878	13
317	4A	001380	7972	194.086312	2.4346	26
318	4A	000458	11783	193.665388	1.6436	38.43
319	4A	002200	5825	193.56475	3.323	19
320	4A	000976	5518	193.51626	3.507	18
321	4A	001501	5096	193.107824	3.7894	16.62
322	4A	003259	6440	192.878	2.995	21
323	4A	001928	6134	191.74884	3.126	20
324	4A	KM1688	3985	191.71835	4.811	13
325	4A	000817	6133	191.65625	3.125	20
326	4B	008179	7973	191.51146	2.402	26
327	4A	001743	4905	191.24595	3.899	16
328	4A	001844	7665	189.35616	2.4704	25
329	4A	001448	3984	189.12048	4.747	13
330	4A	002369	4293	189.06372	4.404	14
331	4A	000231	8584	189.01968	2.202	28
332	4A	001276	8890	189.0014	2.126	29
333	4A	003027	12306	188.995548	1.5358	40.14
334	4A	002041	3985	188.9687	4.742	13
335	4A	001688	13616	188.962848	1.3878	44.4
336	4A	001687	3986	188.61752	4.732	13
337	4A	002321	4599	188.14509	4.091	15
338	4F	009521	7053	187.89192	2.664	23
339	4A	003200	5520	187.7352	3.401	18
340	4F	009505	5518	187.612	3.4	18
341	4A	PP5229	11652	187.48068	1.609	38
342	4A	001874	5825	187.332	3.216	19
343	4A	PK0473	3986	187.02312	4.692	13
344	4A	001659	4905	186.43905	3.801	16
345	4A	000078	7051	186.28742	2.642	23
346	4A	000713	9141	186.001068	2.0348	29.82
347	4A	003094	8893	185.95263	2.091	29
348	4A	001430	4904	184.53752	3.763	16
349	4A	PK0707	3986	184.43222	4.627	13
350	4G	102149	4595	184.3514	4.012	15
351	4A	001414	4599	184.23594	4.006	15
352	4A	001367	4599	184.09797	4.003	15
353	4A	003221	7971	183.97068	2.308	26
354	4B	006824	7667	183.93133	2.399	25
355	4A	001939	4599	183.91401	3.999	15
356	4A	002144	4599	183.91401	3.999	15
357	4A	001635	6745	183.875445	2.7261	22
358	4A	PK0966	3986	183.83432	4.612	13
359	4B	006316	7666	183.83068	2.398	25
360	4A	000604	6748	183.81552	2.724	22
361	4A	001859	8206	183.453336	2.2356	26.76

PORTSMOUTH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
362	4A	000952	5232	183.444384	3.5062	17.06
363	4A	000443	5211	183.37509	3.519	17
364	4A	002496	3680	183.08	4.975	12
365	3A	D34759	5823	182.72574	3.138	19
366	4A	003322	5824	182.64064	3.136	19
367	4A	000840	5519	182.51333	3.307	18
368	4A	001691	5211	182.385	3.5	17
369	4A	000600	7750	182.31875	2.3525	25.27

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
1	3B	LU2337	7052	349	4.948	23
2	3B	LU0170	7024	348	4.951	23
3	3B	LU0560	7025	347	4.946	23
4	3B	LU1298	7024	347	4.942	23
5	4A	PP5171	7357	343	4.659	24
6	3B	LU2202	6864	340	4.949	22
7	3B	LU2225	6867	340	4.947	22
8	3B	LU1119	6811	337	4.947	22
9	3B	LU1431	6809	337	4.955	22
10	3B	LU1389	6712	332	4.949	22
11	3B	LU0610	6685	331	4.95	22
12	3B	LU1579	6688	331	4.947	22
13	3B	LU2344	6682	331	4.955	22
14	3B	LU2403	6685	331	4.952	22
15	3B	LU1502	6653	330	4.953	22
16	3B	LU1137	6653	329	4.947	22
17	3B	LU1234	6625	328	4.946	22
18	3B	LU1620	6624	328	4.951	22
19	3B	LU2315	6622	328	4.952	22
20	4A	PP5366	7359	325	4.41	24
21	3B	LU0870	6535	324	4.951	21
22	4A	PP5352	7358	324	4.407	24
23	3B	LU0985	6533	323	4.949	21
24	3B	LU1463	6532	323	4.945	21
25	3B	LU1512	6536	323	4.949	21
26	3B	LU0432	6497	322	4.951	21
27	3B	LU1001	6501	322	4.953	21
28	3B	LU2034	6506	322	4.95	21
29	3B	LU1350	6443	319	4.949	21
30	3B	LU2227	6441	319	4.95	21
31	4A	PP5187	6438	319	4.954	21
32	4A	PP5373	6439	319	4.954	21
33	3B	LU1354	6408	318	4.957	21
34	3B	LU2185	6439	318	4.946	21
35	3B	LU1180	6407	317	4.95	21
36	3B	LU2478	6409	317	4.95	21
37	3B	LU0458	6377	316	4.952	21
38	3B	LU0708	6382	316	4.945	21
39	3B	LU0935	6379	316	4.951	21
40	3B	LU2146	6377	316	4.952	21
41	3B	LU2483	6378	316	4.951	21
42	3B	LU0668	6377	315	4.946	21
43	4A	PP5346	9811	315	3.211	32
44	3B	LU1519	6348	314	4.947	21
45	4A	PP2778	7661	314	4.1	25
46	3B	LU1442	6317	313	4.951	21

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
47	3B	LU1698	7109	313	4.407	23
48	3B	LU0660	7085	312	4.397	23
49	3B	LU1021	6316	312	4.947	21
50	3B	LU1292	6288	311	4.942	21
51	3B	LU1332	6286	311	4.952	21
52	3B	LU1387	6290	311	4.951	21
53	4A	PP5406	7050	311	4.405	23
54	25	TRN132	7026	310	4.408	23
55	25	TRN138	7052	310	4.395	23
56	3B	LU0787	6258	310	4.946	20
57	4A	PP5326	7051	310	4.403	23
58	3B	LU1048	6254	309	4.944	20
59	3B	LU1143	6257	309	4.946	20
60	3B	LU2101	6255	309	4.942	20
61	3B	LU0395	6225	308	4.954	20
62	3B	LU0599	6220	308	4.951	20
63	3B	LU0852	6225	308	4.946	20
64	3B	LU0012	6195	307	4.948	20
65	3B	LU1099	6193	307	4.955	20
66	3B	LU1380	6192	307	4.951	20
67	3B	LU1166	6198	306	4.943	20
68	3B	LU1466	6166	306	4.955	20
69	3B	LU0579	6166	305	4.953	20
70	3B	LU0997	6165	305	4.946	20
71	3B	LU1423	6168	305	4.951	20
72	3B	LU2241	6163	305	4.955	20
73	3B	LU2320	6164	305	4.942	20
74	3B	LU2342	6133	304	4.956	20
75	4A	PP5395	6132	304	4.952	20
76	4A	PR3592	6132	304	4.953	20
77	3B	LU1090	6133	303	4.946	20
78	3B	LU1121	6874	303	4.402	22
79	3B	LU1402	6132	303	4.946	20
80	3B	LU2229	6130	303	4.947	20
81	3B	LU2518	6134	303	4.947	20
82	3B	LU0059	6106	302	4.949	20
83	3B	LU0565	6105	302	4.949	20
84	3B	LU0736	6105	302	4.947	20
85	3B	LU0844	6106	302	4.945	20
86	3B	LU2219	6104	302	4.951	20
87	3B	LU2376	6874	302	4.398	22
88	4A	PP2880	6747	302	4.471	22
89	4A	PP2779	7355	301	4.097	24
90	4A	PP5391	6744	301	4.463	22
91	3B	LU0991	6069	300	4.951	20
92	3B	LU1286	6073	300	4.945	20

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
93	3B	LU1635	6045	300	4.955	20
94	3B	LU2259	6013	298	4.95	20
95	4A	PP5393	7361	298	4.045	24
96	3B	LU0442	6749	297	4.395	22
97	4A	PP5349	6745	297	4.399	22
98	4A	PR3602	6745	297	4.405	22
99	3B	LU0620	5981	296	4.952	20
100	3B	LU1388	5984	296	4.951	20
101	3B	LU2568	5980	296	4.951	20
102	4A	PP5353	6744	296	4.395	22
103	3B	LU0809	5950	295	4.952	19
104	3B	LU1525	5953	295	4.949	19
105	3B	LU2246	5946	295	4.955	19
106	3B	LU1557	5949	294	4.95	19
107	3B	LU2255	5946	294	4.946	19
108	4A	PP5374	7352	294	3.995	24
109	3B	LU0648	6662	293	4.401	22
110	3B	LU0868	6656	293	4.403	22
111	3B	LU0983	5914	293	4.952	19
112	3B	LU1026	5921	293	4.949	19
113	3B	LU1150	5913	293	4.949	19
114	3B	LU2415	5917	293	4.951	19
115	3B	LU1091	5886	291	4.948	19
116	3B	LU0638	5856	290	4.948	19
117	3B	LU0777	5858	290	4.95	19
118	3B	LU2180	5860	290	4.955	19
119	3B	LU2351	5854	290	4.955	19
120	3B	LU0345	5823	288	4.951	19
121	3B	LU1055	5827	288	4.946	19
122	3B	LU1117	6535	288	4.408	21
123	4A	PP5078	5825	288	4.943	19
124	3B	LU0712	5797	287	4.945	19
125	3B	LU1261	5800	287	4.95	19
126	3B	LU1381	5797	287	4.951	19
127	3B	LU2432	5800	287	4.955	19
128	3B	LU1206	6501	286	4.4	21
129	3B	LU1370	6499	286	4.404	21
130	3B	LU1443	6502	286	4.406	21
131	3B	LU2341	5796	286	4.94	19
132	3B	LU0494	6466	285	4.4	21
133	3B	LU1691	5763	285	4.944	19
134	3B	LU2471	6469	285	4.403	21
135	3B	LU2502	5765	285	4.95	19
136	3B	LU0817	6468	284	4.398	21
137	3B	LU1376	5734	284	4.955	19
138	3B	LU2286	5736	284	4.947	19

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
139	4A	PP5025	7664	284	3.701	25
140	4A	PP5292	6128	284	4.637	20
141	4A	PP5327	6438	284	4.418	21
142	10	KM0896	7052	283	4.019	23
143	25	TRN122	6443	283	4.391	21
144	25	TRN131	6448	283	4.393	21
145	3B	LU1255	5706	283	4.955	19
146	3B	LU2364	6443	283	4.4	21
147	25	TRN004	6416	282	4.4	21
148	25	TRN100	7038	282	4.007	23
149	25	TRN142	6417	282	4.399	21
150	25	TRN144	6434	282	4.388	21
151	3B	LU2050	6409	282	4.397	21
152	3B	LU2086	6411	282	4.396	21
153	3B	LU2356	6406	282	4.404	21
154	3B	LU2365	5700	282	4.951	19
155	3B	LU1522	5672	281	4.949	19
156	3B	LU1678	5675	281	4.95	19
157	3B	LU0714	5641	279	4.943	18
158	3B	LU1168	5646	279	4.942	18
159	3B	LU1266	5641	279	4.947	18
160	3B	LU1612	5640	279	4.947	18
161	3B	LU1697	5644	279	4.937	18
162	3B	LU0629	5610	278	4.948	18
163	3B	LU0908	6312	278	4.4	21
164	3B	LU1124	6316	278	4.403	21
165	3B	LU2524	5613	278	4.951	18
166	3B	LU0520	6288	277	4.399	21
167	3B	LU1498	5578	276	4.947	18
168	3B	LU1679	6287	276	4.397	21
169	3B	LU2589	5583	276	4.947	18
170	4A	PP2544	6131	276	4.495	20
171	3B	LU0071	6255	275	4.399	20
172	3B	LU0462	5549	275	4.948	18
173	3B	LU0507	6255	275	4.399	20
174	3B	LU1221	6252	275	4.399	20
175	3B	LU1329	6247	275	4.402	20
176	10	EM1118	8583	274	3.194	28
177	3B	LU0212	6225	274	4.398	20
178	3B	LU0508	5522	274	4.955	18
179	3B	LU0601	6194	273	4.403	20
180	3B	LU1290	5520	273	4.946	18
181	3B	LU1614	5518	273	4.948	18
182	3B	LU1675	6196	273	4.403	20
183	4A	PP2911	5515	273	4.948	18
184	4A	PP5333	5518	273	4.95	18

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
185	4A	PP5363	5520	273	4.952	18
186	3B	LU0182	6164	272	4.405	20
187	3B	LU0961	5494	272	4.951	18
188	3B	LU1489	5493	272	4.947	18
189	3B	LU1526	6188	272	4.4	20
190	3B	LU1527	6194	272	4.395	20
191	3B	LU2610	6809	272	3.999	22
192	4A	PK1250	8584	272	3.163	28
193	3B	LU1283	6165	271	4.398	20
194	3B	LU0597	5456	270	4.952	18
195	3B	LU0863	5463	270	4.951	18
196	3B	LU1071	6136	270	4.405	20
197	3B	LU1072	6130	270	4.4	20
198	3B	LU1425	6134	270	4.406	20
199	4A	PP5330	6131	270	4.397	20
200	4A	PP5379	6131	270	4.399	20
201	4A	PP5513	6131	270	4.4	20
202	25	TRN133	6117	269	4.397	20
203	25	TRN143	6129	269	4.389	20
204	3B	LU1010	5427	269	4.95	18
205	3B	LU1649	6106	269	4.399	20
206	4A	001372	8279	269	3.246	27
207	4A	PP5021	6132	269	4.384	20
208	4A	PP5317	5825	269	4.614	19
209	3B	LU1337	6072	268	4.408	20
210	3B	LU0136	6685	267	3.999	22
211	3B	LU0697	6067	267	4.397	20
212	3B	LU0757	6074	267	4.399	20
213	3B	LU0785	6074	267	4.398	20
214	3B	LU0902	6074	267	4.4	20
215	3B	LU0937	5400	267	4.952	18
216	3B	LU2301	6075	267	4.4	20
217	3B	LU0247	6044	266	4.398	20
218	3B	LU0376	6043	266	4.4	20
219	3B	LU1308	5366	266	4.954	18
220	3B	LU1410	6047	266	4.404	20
221	3B	LU1417	6041	266	4.4	20
222	3B	LU1501	5367	266	4.948	18
223	3B	LU2194	6039	266	4.397	20
224	3B	LU0113	6013	265	4.404	20
225	3B	LU1371	6623	265	3.999	22
226	3B	LU0139	6007	264	4.399	20
227	3B	LU0739	6009	264	4.399	20
228	3B	LU1278	6010	264	4.397	20
229	3B	LU1485	6011	264	4.399	20
230	3B	LU2281	6590	264	4.004	22

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
231	3B	LU2464	6596	264	4.001	22
232	4A	PP2817	6436	264	4.1	21
233	3B	LU0702	6567	263	4.001	21
234	3B	LU1194	5980	263	4.4	20
235	3B	LU1233	6563	263	4.002	21
236	3B	LU1267	5981	263	4.4	20
237	3B	LU1275	5308	263	4.951	17
238	3B	LU1421	5980	263	4.403	20
239	3B	LU1427	5980	263	4.399	20
240	3B	LU2029	6563	263	4	21
241	3B	LU2350	6563	263	4.003	21
242	4A	PP5082	5823	263	4.521	19
243	3B	LU0339	5949	262	4.399	19
244	3B	LU0981	5949	262	4.403	19
245	3B	LU1405	5949	262	4.399	19
246	3B	LU1424	5951	262	4.403	19
247	3B	LU2288	5949	262	4.399	19
248	3B	LU2600	5950	262	4.404	19
249	3B	LU0273	5276	261	4.951	17
250	3B	LU1385	5276	261	4.95	17
251	3B	LU2115	5273	261	4.955	17
252	3B	LU0492	5919	260	4.399	19
253	3B	LU1125	5914	260	4.4	19
254	3B	LU1404	5244	260	4.954	17
255	3B	LU0330	6470	259	3.998	21
256	3B	LU0539	5886	259	4.401	19
257	3B	LU1655	5891	259	4.404	19
258	3B	LU2455	5885	259	4.398	19
259	3B	LU0858	5859	258	4.4	19
260	3B	LU1301	5859	258	4.408	19
261	3B	LU1321	6442	258	4.003	21
262	3B	LU1513	5211	258	4.95	17
263	3B	LU2394	5854	258	4.401	19
264	4A	PP5378	5213	258	4.949	17
265	3B	LU0975	5184	257	4.95	17
266	3B	LU1420	5825	257	4.406	19
267	4A	PP2528	6438	257	3.995	21
268	25	TRN115	5822	256	4.398	19
269	3B	LU0464	5828	256	4.396	19
270	3B	LU0690	5828	256	4.399	19
271	4A	PP2832	5826	256	4.4	19
272	4A	PP5332	5824	256	4.4	19
273	25	TRN134	5821	255	4.389	19
274	25	TRN137	5806	255	4.391	19
275	3B	LU1058	5797	255	4.402	19
276	3B	LU1108	5797	255	4.403	19

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
277	3B	LU1306	5793	255	4.398	19
278	3B	LU2200	5151	255	4.951	17
279	3B	LU2385	5794	255	4.404	19
280	4A	PP2621	7973	255	3.199	26
281	3B	LU0289	5765	254	4.407	19
282	3B	LU1433	5766	254	4.402	19
283	3B	LU1586	5767	254	4.399	19
284	3B	LU2508	6351	254	4	21
285	3B	LU2580	5756	253	4.397	19
286	3B	LU0159	5736	252	4.4	19
287	3B	LU0172	5093	252	4.952	17
288	3B	LU0751	6287	252	4.002	21
289	3B	LU1129	5736	252	4.399	19
290	3B	LU2162	5734	252	4.4	19
291	3B	LU2247	5092	252	4.949	17
292	3B	LU2251	6290	252	4.004	21
293	4A	PP2843	6134	252	4.103	20
294	3B	LU0077	5703	251	4.403	19
295	3B	LU0966	5060	251	4.951	17
296	3B	LU1230	5700	251	4.404	19
297	3B	LU1336	5705	251	4.402	19
298	3B	LU2407	5706	251	4.397	19
299	4A	PP2920	6132	251	4.101	20
300	4A	PP5345	5213	251	4.808	17
301	25	UK0196	5518	250	4.529	18
302	3B	LU1160	5672	250	4.401	19
303	4A	PP5088	5518	250	4.522	18
304	4A	PP5193	5212	250	4.802	17
305	3B	LU0108	6225	249	4.004	20
306	3B	LU0145	5029	249	4.949	16
307	3B	LU0158	5671	249	4.398	19
308	3B	LU0274	5032	249	4.95	16
309	4A	PP5099	5519	249	4.513	18
310	3B	LU0099	5644	248	4.4	18
311	3B	LU0504	5000	248	4.951	16
312	3B	LU1141	5644	248	4.399	18
313	3B	LU1683	5644	248	4.398	18
314	3B	LU2105	5644	248	4.397	18
315	3B	LU2289	5644	248	4.4	18
316	3B	LU2544	6194	248	4.002	20
317	3B	LU2560	6194	248	4.003	20
318	3B	LU0564	5610	247	4.404	18
319	3B	LU0768	5610	247	4.401	18
320	3B	LU1395	5607	247	4.405	18
321	3B	LU1580	4967	246	4.949	16
322	10	EM0581	6133	245	3.995	20

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
323	3B	LU0759	6133	245	3.998	20
324	3B	LU2240	5581	245	4.397	18
325	3B	LU2379	5582	245	4.398	18
326	3B	LU2567	5552	245	4.404	18
327	3B	LU2574	6132	245	4.002	20
328	4A	PP5674	6131	245	3.997	20
329	3B	LU0297	6103	244	3.997	20
330	4A	PP2852	6742	244	3.618	22
331	3B	LU0616	5523	243	4.393	18
332	3B	LU1482	6071	243	4.004	20
333	3B	LU1634	4908	243	4.951	16
334	3B	LU2099	6072	243	4.004	20
335	3B	LU2100	6074	243	3.999	20
336	4A	PP2824	5518	243	4.399	18
337	4A	PP5634	4905	243	4.952	16
338	4A	PP5663	5519	243	4.401	18
339	4A	PR3680	5518	243	4.402	18
340	4A	PR4360	5519	243	4.4	18
341	25	TRN041	5496	242	4.399	18
342	3B	LU1432	6041	242	4.002	20
343	4A	PP5357	5518	242	4.386	18
344	4A	PP5409	5212	242	4.65	17
345	10	KM0847	4902	241	4.918	16
346	3B	LU0796	4875	241	4.952	16
347	3B	LU0953	5489	241	4.397	18
348	3B	LU1227	4877	241	4.95	16
349	3B	LU2402	4878	241	4.95	16
350	3B	LU0965	4846	240	4.949	16
351	3B	LU2143	5456	240	4.396	18
352	3B	LU2232	6006	240	4.001	20
353	3B	LU2275	5456	240	4.398	18
354	3B	LU2290	5457	240	4.399	18
355	3B	LU2552	6008	240	4.001	20
356	3B	LU1510	5980	239	4.003	20
357	3B	LU2126	5982	239	4	20
358	3B	LU2149	5980	239	4.001	20
359	3B	LU0793	5949	238	4.001	19
360	3B	LU1311	5952	238	4.001	19
361	3B	LU1632	4815	238	4.95	16
362	3B	LU0448	5397	237	4.399	18
363	3B	LU0803	5916	237	4.002	19
364	3B	LU1193	5918	237	4.001	19
365	3B	LU2174	5921	237	4.004	19
366	3B	LU2178	5920	237	4.004	19
367	4A	PP5417	7359	236	3.208	24
368	3B	LU0933	5336	235	4.4	17

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
369	3B	LU1186	5336	235	4.398	17
370	3B	LU2296	5334	235	4.403	17
371	3B	LU2409	5335	235	4.404	17
372	3B	LU2607	5331	235	4.4	17
373	4A	PP2651	5212	235	4.509	17
374	3B	LU1386	5828	233	4.003	19
375	3B	LU1618	5828	233	4.002	19
376	3B	LU2066	5824	233	4.005	19
377	3B	LU2088	5825	233	4	19
378	3B	LU2393	4693	232	4.95	15
379	3B	LU2602	5796	232	4.004	19
380	10	EM0195	5210	231	4.425	17
381	3B	LU1003	5766	231	4.001	19
382	3B	LU1241	5241	231	4.401	17
383	3B	LU2585	5239	231	4.402	17
384	4A	PP5032	5212	230	4.404	17
385	10	EM1206	6436	229	3.551	21
386	3B	LU1133	5215	229	4.399	17
387	3B	LU2435	5736	229	3.996	19
388	3B	LU2532	5739	229	3.998	19
389	4A	PP5529	5211	229	4.4	17
390	3B	LU0556	5704	228	3.999	19
391	3B	LU0655	5703	228	3.998	19
392	3B	LU1248	5706	228	4.003	19
393	4A	PP5419	4598	228	4.956	15
394	4A	PP5631	4599	228	4.954	15
395	4A	PT0248	4598	228	4.948	15
396	3B	LU0014	5677	227	4.003	19
397	3B	LU1702	5149	227	4.401	17
398	3B	LU2384	5153	227	4.402	17
399	4A	PP2758	4597	227	4.944	15
400	4A	PP5294	4903	227	4.628	16
401	4A	PR4317	4599	227	4.942	15
402	3B	LU2068	5641	226	3.999	18
403	3B	LU2125	5645	226	4.003	18
404	4A	PP2912	7051	226	3.202	23
405	3B	LU0043	5121	225	4.4	17
406	3B	LU0295	5118	225	4.4	17
407	3B	LU1566	5614	225	3.999	18
408	3B	LU2562	5120	225	4.402	17
409	4A	PR2877	7356	225	3.061	24
410	3B	LU0771	5585	224	4.003	18
411	3B	LU1097	5610	224	4.001	18
412	3B	LU2501	5059	223	4.409	17
413	3B	LU0557	5553	222	4.003	18
414	3B	LU1217	5056	222	4.396	17

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
415	3B	LU1256	5553	222	4.003	18
416	3B	LU2570	5548	222	4.002	18
417	4A	PP2533	4599	222	4.817	15
418	4A	PP5381	6133	222	3.615	20
419	10	EM1700	6131	221	3.601	20
420	3B	LU0004	5517	221	4.002	18
421	3B	LU0106	5029	221	4.395	16
422	3B	LU0769	5518	221	4.007	18
423	3B	LU1205	5523	221	3.999	18
424	3B	LU1347	5026	221	4.405	16
425	4A	PK1871	5518	221	3.998	18
426	4A	PR3607	4598	221	4.796	15
427	4A	PR3875	5519	221	4.006	18
428	3B	LU0804	5490	220	4.001	18
429	3B	LU1140	4999	220	4.399	16
430	3B	LU2030	5489	220	4	18
431	3B	LU2127	5489	220	4	18
432	4A	001937	14717	220	1.498	48
433	3B	LU2391	5486	219	4	18
434	4A	PP5007	9199	219	2.384	30
435	3B	LU0577	5456	218	4	18
436	3B	LU1448	5455	218	4.002	18
437	3B	LU0998	4933	217	4.402	16
438	3B	LU1540	4940	217	4.397	16
439	3B	LU1303	4908	216	4.399	16
440	4A	PP2906	4906	216	4.397	16
441	4A	PP5336	6744	216	3.209	22
442	4A	PP5632	4906	216	4.401	16
443	4A	PP2607	10727	215	2	35
444	3B	LU0546	4877	214	4.398	16
445	3B	LU0363	5273	213	4.046	17
446	3B	LU1328	4845	213	4.398	16
447	4A	PP2565	4293	213	4.951	14
448	3B	LU2124	4815	212	4.399	16
449	4A	PP5314	4292	212	4.943	14
450	10	EM1762	6132	209	3.41	20
451	4A	PP5598	5211	209	4.004	17
452	3B	LU1149	4723	208	4.4	15
453	3B	LU2097	5213	208	3.999	17
454	4A	PP5456	6440	208	3.235	21
455	10	KM1470	4598	207	4.499	15
456	3B	LU0612	5177	207	3.998	17
457	3B	LU0756	5183	207	4.002	17
458	4A	PP2551	4596	207	4.495	15
459	4A	PP5076	4292	207	4.812	14
460	3B	LU0841	5148	206	4.006	17

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
461	3B	LU0948	4690	206	4.396	15
462	4A	PP5083	4293	206	4.803	14
463	4A	PP5360	4292	206	4.81	14
464	3B	LU0256	6409	205	3.202	21
465	4A	PP2564	4599	203	4.408	15
466	4A	PP2851	10116	203	2.009	33
467	4A	PT0180	10116	203	2.005	33
468	4A	PP2640	4293	202	4.695	14
469	4A	PP2812	4598	202	4.399	15
470	4A	PP5312	4599	202	4.389	15
471	4A	PP5447	4598	202	4.397	15
472	4A	PP5625	4598	202	4.384	15
473	4A	PR3598	4601	202	4.398	15
474	25	RB3090	7666	201	2.618	25
475	4A	PP2770	4906	201	4.095	16
476	3B	LU0192	4540	200	4.399	15
477	3B	LU1103	4996	200	4	16
478	3B	LU1250	4967	199	4.004	16
479	3B	LU2221	4507	198	4.399	15
480	4A	PP2856	5517	198	3.588	18
481	4A	PR3615	7667	198	2.578	25
482	4A	PR4370	3986	197	4.95	13
483	25	TRN082	4884	196	4.011	16
484	4A	PP5276	4905	196	3.998	16
485	4A	PP2530	4292	194	4.51	14
486	4A	PP2545	4292	193	4.507	14
487	4A	PP2563	4293	193	4.498	14
488	4A	PR3596	5211	193	3.712	17
489	4A	PP5066	3986	192	4.806	13
490	4A	PP5189	3986	192	4.812	13
491	3B	LU0314	5950	191	3.204	19
492	3B	LU1259	4756	190	4.002	16
493	25	TY0581	4292	189	4.4	14
494	4A	001393	15025	188	1.252	49
495	4A	PP2804	4291	188	4.392	14
496	3B	LU1145	4664	187	3.999	15
497	4A	PP5641	7357	186	2.531	24
498	25	RB3072	4597	184	4.006	15
499	3B	LU1544	4600	184	4.002	15
500	4A	PP5028	5518	184	3.34	18
501	4A	PP5675	4598	184	4	15
502	4A	PP2501	3679	182	4.95	12
503	4A	PP2523	8888	182	2.044	29
504	4A	PP2526	4598	182	3.95	15
505	4A	PP5199	3679	182	4.952	12
506	4A	PP5204	3679	182	4.953	12

PADUCAH						
	Size Code	Container Number	Grams U	Grams U235	Assay	Net Weight (lbs)
507	4A	PP5325	3679	182	4.944	12
508	4A	PP5339	3679	182	4.946	12
509	4A	PR3978	3678	182	4.954	12

SECTION J – LIST OF ATTACHMENTS
ATTACHMENT J-8.C.7.3 - CHARACTERIZATION DATA

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	Net Weight	Purity	Assay	Grams
22013763	Drum	22	Empty	744G/0100A00	01	00	00	000	lb		23 lb		23 lb	0	0	0	0
22013764	Drum	22	Empty	744G/5C00A00	5C	00	00	000	lb		23 lb		23 lb	0	0	0	0
7R180301	Drum	7R	Spent Trap Material	744G/0203A01	02	03	01	203	lb		145.8 lb		49.8 lb	96	19.056	2.77	8298
7R180302	Drum	7R	Spent Trap Material	744G/5C01A05	5C	01	05	203	lb		126.1 lb		47.4 lb	78.7	10.866	3.03	3879
7R180303	Drum	7R	Spent Trap Material	744G/5C01A05	5C	01	05	203	lb		120.5 lb		49.2 lb	71.3	10.866	3.03	3514
7R182411	Drum	7R	Spent Trap Material	744G/5C01A06	5C	01	06	006	lb		68.18 lb		49.72 lb	18.46	62.779	3.12	5257
7R182412	Drum	7R	Spent Trap Material	744G/5C01A06	5C	01	06	006	lb		60.43 lb		49.89 lb	10.54	62.779	3.12	3001
7R182413	Drum	7R	Spent Trap Material	744G/5C01A06	5C	01	06	203	lb		143.5 lb		48.5 lb	95	8.691	3.98	3745
7R182414	Drum	7R	Spent Trap Material	744G/0203A05	02	03	05	203	lb		104.3 lb		48.5 lb	55.8	11.428	3.74	2892
7R182415	Drum	7R	Spent Trap Material	744G/5C01A08	5C	01	08	203	lb		128.9 lb		48 lb	80.9	6.184	4.71	2269
7R182416	Drum	7R	Spent Trap Material	744G/5C01A08	5C	01	08	203	lb		127.6 lb		48.5 lb	79.1	6.184	4.71	2219
7R182417	Drum	7R	Spent Trap Material	744G/8A01A01	8A	01	01	203	lb		94 lb		49 lb	45	3.128	15.1	638
7R182418	Drum	7R	Spent Trap Material	744G/8A01A01	8A	01	01	203	lb		91.5 lb		48.3 lb	43.2	3.128	15.1	613
7R182419	Drum	7R	Spent Trap Material	744G/8A01A01	8A	01	01	203	lb		90 lb		48.2 lb	41.8	3.128	15.1	593
7R182693	Drum	7R	Spent Trap Material	744G/5C01A06	5C	01	06	203	lb		162 lb		49 lb	113	5.949	3.69	3049
7R182694	Drum	7R	Spent Trap Material	744G/0203A01	02	03	01	203	lb		194 lb		46 lb	148	8.357	3.33	5610
7R182695	Drum	7R	Spent Trap Material	744G/0203A05	02	03	05	203	lb		96.9 lb		48.7 lb	48.2	11.428	3.74	2499
7R182785	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2B02	5N	0E	02	254	lb		3130 lb		521 lb	2609	0.153	97	1811
7R182786	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3B04	5N	0E	04	254	lb		2875 lb		521 lb	2354	0.153	97	1634
7R182787	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2C02	5N	0E	02	254	lb		2988 lb		521 lb	2467	0.1531	97	1713
7R182788	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3C02	5N	0E	02	254	lb		3270 lb		521 lb	2749	0.1531	97	1909
7R182789	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2A01	5N	0E	01	254	lb		2786 lb		521 lb	2265	0.1531	97	1573
7R182790	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3C04	5N	0E	04	254	lb		2522 lb		521 lb	2001	0.153	97	1389
7R182791	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3A06	5N	0E	06	254	lb		lb		lb	1584	0.1531	97	0
7R182793	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2A02	5N	0E	02	254	lb		2105 lb		521 lb	1639	0.1531	97	1100
7R182794	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2C03	5N	0E	03	254	lb		2160 lb		521 lb	1639	0.1531	97	1138
7R182795	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1C01	5N	0E	01	254	lb		1340 lb		521 lb	819	0.1532	97	569
7R182796	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1A06	5N	0E	06	254	lb		2554 lb		521 lb	2033	0.153	97	1411
7R182797	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2A04	5N	0E	04	254	lb		2625 lb		521 lb	2104	0.1531	97	1461
7R182798	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2C06	5N	0E	06	254	lb		2034 lb		521 lb	1513	0.1531	97	1051
7R182799	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1B04	5N	0E	04	254	lb		1686		521 lb	1686	0.1531	97	1171
7R182800	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2B06	5N	0E	06	254	lb		1944 lb		521 lb	1423	0.1531	97	988
7R182801	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1C03	5N	0E	03	254	lb		2171 lb		521 lb	1650	0.1531	97	1146
7R182802	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1A04	5N	0E	04	254	lb		2140 lb		521 lb	1619	0.1531	97	1124
7R190240	Drum	7R	X-326 Seal Exhaust Pipe	744G/5C01B05	5C	01	05	254	lb		1765 lb		521 lb	1244	0.1531	97	864
7R190241	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1C04	5N	0E	04	254	lb		2158 lb		521 lb	1637	0.1531	97	1137
7R190242	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2A05	5N	0E	05	254	lb		1441 lb		521 lb	920	0.1531	97	639
7R190243	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2B05	5N	0E	05	254	lb		1846 lb		521 lb	1325	0.1531	97	920
7R190244	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2C05	5N	0E	05	254	lb		1822 lb		521 lb	1301	0.153	97	903
7R190245	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2C05	5N	0E	05	254	lb		2175 lb		521 lb	1654	0.1532	97	1149
7R190246	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2A06	5N	0E	06	254	lb		2209 lb		521 lb	1688	0.1531	97	1172
7R190247	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1C02	5N	0E	02	254	lb		1810 lb		521 lb	1289	0.1531	97	895
7R190248	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1B01	5N	0E	01	254	lb		2196 lb		521 lb	1675	0.1531	97	1163
7R190249	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1A03	5N	0E	03	254	lb		1957 lb		521 lb	1436	0.1933	97	1259
7R190250	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1A02	5N	0E	02	254	lb		2164 lb		521 lb	1643	0.1934	97	1441
7R190251	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2A03	5N	0E	03	254	lb		2726 lb		521 lb	2205	0.1933	97	1933
7R190252	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2B03	5N	0E	03	254	lb		2303 lb		521 lb	1782	0.1934	97	1563
7R190253	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1B03	5N	0E	03	254	lb		2720 lb		521 lb	2199	0.1933	97	1928
7R190254	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1A01	5N	0E	01	254	lb		2301 lb		521 lb	1780	0.1933	97	1561
7R190255	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3A01	5N	0E	01	254	lb		2792 lb		521 lb	2271	0.1933	97	1991
7R190256	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3B02	5N	0E	02	254	lb		2975 lb		521 lb	2454	0.1933	97	2152
7R190257	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1C05	5N	0E	05	254	lb		1976 lb		521 lb	1455	0.153	97	1010
7R190388	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2C04	5N	0E	04	254	lb		2628 lb		521 lb	2107	0.1933	97	1847
7R190393	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3A04	5N	0E	04	254	lb		lb		lb	1500	0.1933	97	0
7R190394	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3A02	5N	0E	02	254	lb		2021 lb		521 lb	1500	0.1933	97	1315
7R190395	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2C01	5N	0E	01	254	lb		2158 lb		521 lb	1637	0.1933	97	1435
7R190396	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3C01	5N	0E	01	254	lb		2370 lb		521 lb	1849	0.1934	97	1622
7R190397	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1B06	5N	0E	06	254	lb		2702 lb		521 lb	2181	0.1933	97	1912
7R190398	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1B02	5N	0E	02	254	lb		2165 lb		521 lb	1644	0.1531	97	1142
7R190399	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2B04	5N	0E	04	254	lb		2217 lb		521 lb	1696	0.1531	97	1178
7R190400	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3B01	5N	0E	01	254	lb		2590 lb		521 lb	2069	0.153	97	1436
7R190401	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE1C06	5N	0E	06	254	lb		1732 lb		521 lb	1211	0.1531	97	841
7R190402	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4B02	5N	0E	02	254	lb		2276 lb		521 lb	1755	0.1531	97	1219
7R190403	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4C03	5N	0E	03	254	lb		2361 lb		521 lb	1840	0.1531	97	1278
7R190404	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3C03	5N	0E	03	254	lb		2227 lb		521 lb	1706	0.153	97	1184
7R190425	Drum	7R	Spent Trap Material	744G/0203A02	02	03	02	203	lb		123.8 lb		47 lb	76.8	14.368	3.11	5005
7R190426	Drum	7R	Spent Trap Material	744G/0203A02	02	03	02	203	lb		120.4 lb		47.2 lb	73.2	14.368	3.11	4771
7R190427	Drum	7R	Spent Trap Material	744G/0203A02	02	03	02	203	lb		121.6 lb		48.3 lb	73.3	8.79	4.03	2923

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
7R190428	Drum	7R	Spent Trap Material	744G0203A02	02	03	02	203	lb	123.8 lb	48.1 lb	48.1 lb	75.7	8.79	4.03	3018
7R190429	Drum	7R	Spent Trap Material	744G8A01A04	8A	01	04	203	lb	110 lb	49.8 lb	49.8 lb	60.2	9.425	6.19	2574
7R190430	Drum	7R	Spent Trap Material	744G8A01A04	8A	01	04	203	lb	101 lb	46.2 lb	46.2 lb	54.8	9.425	6.19	2343
7R190431	Drum	7R	Spent Trap Material	744G8A01A03	8A	01	05	203	lb	76.12 lb	46.12 lb	46.12 lb	30	9.425	6.19	1283
7R190432	Drum	7R	Spent Trap Material	744G5C01A05	5C	01	05	203	lb	143.37 lb	49.3 lb	49.3 lb	94.07	5.689	4.33	2427
7R190433	Drum	7R	Spent Trap Material	744G5C01A05	5C	01	05	203	lb	141.14 lb	49.21 lb	49.21 lb	91.93	5.689	4.33	2372
7R190434	Drum	7R	Spent Trap Material	744G0203A01	02	03	01	203	lb	117.25 lb	47.54 lb	47.54 lb	69.71	12.576	3.66	3977
7R190435	Drum	7R	Spent Trap Material	744G0203A01	02	03	01	203	lb	119.19 lb	47.9 lb	47.9 lb	71.29	12.576	3.66	4067
7R190436	Drum	7R	Spent Trap Material	744G8A01A03	8A	01	03	203	lb	89.78 lb	48.9 lb	48.9 lb	40.88	3.823	14.9	709
7R190437	Drum	7R	Spent Trap Material	744G8A01A03	8A	01	03	203	lb	89.3 lb	48.53 lb	48.53 lb	40.77	3.823	14.9	707
7R190438	Drum	7R	Spent Trap Material	744G8A01A03	8A	01	03	203	lb	87.35 lb	49 lb	49 lb	38.35	3.823	14.9	665
7R190439	Drum	7R	Spent Trap Material	744G5C01A04	5C	01	04	203	lb	139.1 lb	47.5 lb	47.5 lb	91.6	4.08	7.4	1696
7R190440	Drum	7R	Spent Trap Material	744G5C01A04	5C	01	04	203	lb	118.85 lb	48.45 lb	48.45 lb	70.4	4.08	7.4	1303
7R190441	Drum	7R	Spent Trap Material	744G0203A04	02	03	04	203	lb	135.16 lb	48.56 lb	48.56 lb	86.6	9.534	4.08	3745
7R190442	Drum	7R	Spent Trap Material	744G2E01A04	2E	01	04	203	lb	143.17 lb	48.77 lb	48.77 lb	94.4	9.534	4.08	4082
7R190443	Drum	7R	Spent Trap Material	744G8A01A02	8A	01	02	203	lb	118.2 lb	48.4 lb	48.4 lb	69.8	12.838	4.22	4065
7R190444	Drum	7R	Spent Trap Material	744G8A01A02	8A	01	02	203	lb	112.2 lb	48 lb	48 lb	64.2	12.838	4.22	3738
7R190445	Drum	7R	Spent Trap Material	744G0203A03	02	03	03	203	lb	113 lb	49 lb	49 lb	64	7.581	6.23	2201
7R190446	Drum	7R	Spent Trap Material	744G0203A03	02	03	03	203	lb	111.2 lb	49.9 lb	49.9 lb	61.3	7.581	6.23	2108
7R190447	Drum	7R	Spent Trap Material	744G0203A03	02	03	03	203	lb	137.9 lb	48 lb	48 lb	89.9	8.561	3.11	3491
7R190448	Drum	7R	Spent Trap Material	744G0203A05	02	03	05	203	lb	138.4 lb	48.3 lb	48.3 lb	90.1	8.561	3.11	3499
7R190449	Drum	7R	Spent Trap Material	744G0203A03	02	03	03	203	lb	115.1 lb	49.4 lb	49.4 lb	65.7	7.581	6.23	2259
7R190508	Drum	7R	Spent Trap Material	744G8A03A04	8A	03	04	203	lb	117.4 lb	48.29 lb	48.29 lb	69.11	13.805	3.22	4328
7R190509	Drum	7R	Spent Trap Material	744G8A03A04	8A	03	04	203	lb	91.99 lb	48.1 lb	48.1 lb	43.89	13.805	3.22	2748
7R190510	Drum	7R	Spent Trap Material	744G5C01A04	5C	01	04	203	lb	90.3 lb	47.6 lb	47.6 lb	42.7	36.266	3.09	7024
7R190511	Drum	7R	Spent Trap Material	744G5C01A04	5C	01	04	203	lb	75.9 lb	47.1 lb	47.1 lb	28.8	36.266	3.09	4738
7R190512	Drum	7R	Spent Trap Material	744G8A03A02	8A	03	02	006	lb	80.7 lb	47.2 lb	47.2 lb	33.5	41.525	3.1	6310
7R190513	Drum	7R	Spent Trap Material	744G8A02A03	8A	02	03	006	lb	80.9 lb	46.5 lb	46.5 lb	34.4	41.525	3.1	6479
7R190514	Drum	7R	Spent Trap Material	744G8A03A02	8A	03	02	006	lb	80.2 lb	47 lb	47 lb	33.2	41.525	3.1	6253
7R190515	Drum	7R	Spent Trap Material	744G8A03A02	8A	03	02	006	lb	79.4 lb	46.5 lb	46.5 lb	32.9	41.525	3.1	6197
7R190516	Drum	7R	Spent Trap Material	744G8A03A02	8A	03	02	006	lb	79.9 lb	47 lb	47 lb	32.9	41.525	3.1	6197
7R190517	Drum	7R	Spent Trap Material	744G0303A02	03	03	02	006	lb	81.1 lb	46.5 lb	46.5 lb	34.6	41.525	3.1	6517
7R190518	Drum	7R	Spent Trap Material	744G8A02A02	8A	02	02	006	lb	65.2 lb	48 lb	48 lb	17.2	72.701	3.07	5672
7R190519	Drum	7R	Spent Trap Material	744G8A02A02	8A	02	02	006	lb	64.2 lb	48 lb	48 lb	16.2	72.701	3.07	5342
7R190520	Drum	7R	Spent Trap Material	744G5C00A04	5C	00	04	006	lb	64.9 lb	48 lb	48 lb	16.9	72.701	3.07	5573
7R190521	Drum	7R	Spent Trap Material	744G5C00A04	5C	00	04	006	lb	64.4 lb	48 lb	48 lb	16.4	72.701	3.07	5408
7R190522	Drum	7R	Spent Trap Material	744G5C00A04	5C	00	04	006	lb	61.1 lb	48 lb	48 lb	13.1	72.701	3.07	4320
7R190523	Drum	7R	Spent Trap Material	744G0203A04	02	03	04	006	lb	88.1 lb	48.5 lb	48.5 lb	39.6	35.515	3.09	6379
7R190524	Drum	7R	Spent Trap Material	744G0203A04	02	03	04	006	lb	95.4 lb	48.5 lb	48.5 lb	46.9	35.515	3.09	7555
7R190525	Drum	7R	Spent Trap Material	744G0303B03	03	03	03	006	lb	82.1 lb	48.7 lb	48.7 lb	33.4	35.515	3.09	5380
7R190526	Drum	7R	Spent Trap Material	744G0303B03	03	03	03	006	lb	92.7 lb	48.6 lb	48.6 lb	44.1	35.515	3.09	7104
7R190527	Drum	7R	Spent Trap Material	744G8A03A03	8A	03	03	006	lb	85.5 lb	49 lb	49 lb	36.5	35.515	3.09	5880
7R190528	Drum	7R	Spent Trap Material	744G5C01A03	5C	01	03	006	lb	66.5 lb	50.6 lb	50.6 lb	15.9	59.028	3.13	4257
7R190529	Drum	7R	Spent Trap Material	744G5C01A03	5C	01	03	006	lb	73.1 lb	50 lb	50 lb	23.1	59.028	3.13	6185
7R190530	Drum	7R	Spent Trap Material	744G8A02A02	8A	02	02	006	lb	146.2 lb	48.4 lb	48.4 lb	97.8	6.14	3.59	2724
7R190531	Drum	7R	Spent Trap Material	744G8A02A02	8A	02	02	006	lb	149.6 lb	48.4 lb	48.4 lb	101.2	6.14	3.59	2818
7R190532	Drum	7R	Spent Trap Material	744G5C01A03	5C	01	03	203	lb	89.8 lb	49 lb	49 lb	40.8	5.522	9.81	1022
7R190533	Drum	7R	Spent Trap Material	744G5C01A03	5C	01	03	203	lb	88.8 lb	49.1 lb	49.1 lb	39.7	5.522	9.81	994
7R190534	Drum	7R	Spent Trap Material	744G5C01A03	5C	01	03	203	lb	92.6 lb	49.1 lb	49.1 lb	43.5	5.522	9.81	1090
7R190535	Drum	7R	Spent Trap Material	744G8A01A01	8A	01	01	203	lb	100.7 lb	48.6 lb	48.6 lb	52.1	18.316	3.59	4328
7R190536	Drum	7R	Spent Trap Material	744G8A03A03	8A	03	03	203	lb	97.7 lb	48.8 lb	48.8 lb	48.9	18.316	3.59	4063
7R190537	Drum	7R	Spent Trap Material	744G8A03A04	8A	03	04	203	lb	103 lb	48.8 lb	48.8 lb	54.2	14.858	4.55	3653
7R190541	Drum	7R	Spent Trap Material	744G0203A05	02	03	05	203	lb	100.4 lb	48.6 lb	48.6 lb	51.8	14.858	4.55	3491
7R190542	Drum	7R	Spent Trap Material	744G8A03A01	8A	03	01	006	lb	66.4 lb	48.5 lb	48.5 lb	17.9	72.36	3.11	5875
7R190543	Drum	7R	Spent Trap Material	744G8A03A04	8A	03	04	006	lb	67.3 lb	48.9 lb	48.9 lb	18.4	72.36	3.11	6039
7R190544	Drum	7R	Spent Trap Material	744G0303B01	03	03	03	006	lb	66.4 lb	48.6 lb	48.6 lb	17.8	72.36	3.11	5842
7R190545	Drum	7R	Spent Trap Material	744G3A03D01	3A	03	01	006	lb	67.4 lb	48.3 lb	48.3 lb	19.1	72.36	3.11	6269
7R190546	Drum	7R	Spent Trap Material	744G5S02A05	5S	02	05	006	lb	72.8 lb	50.5 lb	50.5 lb	22.3	72.36	3.11	7319
7R190547	Drum	7R	Spent Trap Material	744G5C01A02	5C	01	02	203	lb	135.6 lb	48 lb	48 lb	87.6	11.355	3.36	4512
7R190548	Drum	7R	Spent Trap Material	744G5C01A02	5C	01	02	203	lb	130.4 lb	48 lb	48 lb	82.4	11.355	3.36	4244
7R190549	Drum	7R	Spent Trap Material	744G5C01A01	5C	01	02	203	lb	102.5 lb	50 lb	50 lb	52.5	3.904	10.9	930
7R190550	Drum	7R	Spent Trap Material	744G5C01A01	5C	01	02	203	lb	100.1 lb	49.6 lb	49.6 lb	50.5	3.904	10.9	894
7R190551	Drum	7R	Spent Trap Material	744G8A01A02	8A	01	02	203	lb	113.5 lb	47.8 lb	47.8 lb	65.7	2.864	9.6	863
7R190552	Drum	7R	Spent Trap Material	744G8A01A02	8A	01	02	203	lb	116.2 lb	47.9 lb	47.9 lb	68.3	2.864	9.6	887
7R190553	Drum	7R	Spent Trap Material	744G0302B03	03	02	03	203	lb	105.5 lb	49.3 lb	49.3 lb	56.2	7.348	6.49	1873
7R190554	Drum	7R	Spent Trap Material	744G0302D03	03	02	03	203	lb	99.1 lb	49.8 lb	49.8 lb	49.3	7.348	6.49	1660
7R190555	Drum	7R	Spent Trap Material	744G5C02A01	5C	02	01	203	lb	131.2 lb	48.5 lb	48.5 lb	82.7	5.361	4.94	2011
7R190556	Drum	7R	Spent Trap Material	744G5C02A01	5C	02	01	203	lb	126.9 lb	48.6 lb	48.6 lb	78.3	5.361	4.94	1904

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	Net Weight	Purity	Assay	Grams
7R190557	Drum	7R	Spent Trap Material	744G/5C01A07	5C	01	07	203	lb	88.5 lb	49.7 lb	38.8	8.533	8.14	1502		
7R190558	Drum	7R	Spent Trap Material	744G/5C01A07	5C	01	07	203	lb	91.8 lb	49.5 lb	42.3	8.533	8.14	1637		
7R190559	Drum	7R	Spent Trap Material	744G/5C01A07	5C	01	07	203	lb	79.4 lb	49.5 lb	29.9	8.533	8.14	1157		
7R190560	Drum	7R	Spent Trap Material	744G/0302B01	03	02	01	203	lb	72.6 lb	48.5 lb	24.1	7.455	13.6	815		
7R190561	Drum	7R	Spent Trap Material	744G/0302A01	03	02	01	203	lb	71.5 lb	48.5 lb	23	7.455	13.6	778		
7R190562	Drum	7R	Spent Trap Material	744G/8A02A04	8A	02	04	203	lb	70.9 lb	48.5 lb	22.4	7.455	13.6	757		
7R190563	Drum	7R	Spent Trap Material	744G/0302A01	03	02	01	203	lb	72.2 lb	48.9 lb	23.3	7.455	13.6	788		
7R190564	Drum	7R	Spent Trap Material	744G/0302D01	03	02	01	203	lb	71.2 lb	49 lb	22.2	7.455	13.6	751		
7R190565	Drum	7R	Spent Trap Material	744G/5C01A07	5C	01	07	203	lb	113.3 lb	50.7 lb	62.6	9.236	3.69	2623		
7R190566	Drum	7R	Spent Trap Material	744G/5C01A07	5C	01	07	203	lb	122 lb	50.6 lb	71.4	9.236	3.69	2991		
7R190567	Drum	7R	Spent Trap Material	744G/5C01A08	5C	01	08	203	lb	111.3 lb	49.5 lb	61.8	11.583	3.49	3247		
7R190568	Drum	7R	Spent Trap Material	744G/0101A08	01	01	08	203	lb	106.4 lb	49.2 lb	57.2	11.583	3.49	3005		
7R190737	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4B04	5N	0E	04	254	lb	2382 lb	521 lb	1861	0.1531	97	1292		
7R190738	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3A05	5N	0E	05	254	lb	2617 lb	521 lb	2096	0.153	97	1455		
7R190739	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4C01	5N	0E	01	254	lb	2387 lb	521 lb	1866	0.1531	97	1296		
7R190740	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3B05	5N	0E	05	254	lb	2791 lb	521 lb	2270	0.1531	97	1576		
7R190741	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4C03	5N	0E	03	254	lb	2090 lb	521 lb	1569	0.153	97	1089		
7R190743	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4A02	5N	0E	02	254	lb	2605 lb	521 lb	2084	0.1531	97	1447		
7R190745	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4B04	5N	0E	04	254	lb	3133 lb	521 lb	2612	0.153	97	1813		
7R190748	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4B03	5N	0E	03	254	lb	2573 lb	521 lb	2052	0.1531	97	1425		
7R190750	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4B01	5N	0E	01	254	lb	2280 lb	521 lb	1759	0.1531	97	1222		
7R190752	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4B01	5N	0E	01	254	lb	2317 lb	521 lb	1796	0.1531	97	1247		
7R190755	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4C02	5N	0E	02	254	lb	2463 lb	521 lb	1942	0.153	97	1348		
7R190756	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4A05	5N	0E	05	254	lb	2302 lb	521 lb	1781	0.1531	97	1237		
7R190758	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4C04	5N	0E	04	254	lb	3312 lb	521 lb	2791	0.1531	97	1938		
7R190779	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4C05	5N	0E	05	254	lb	2443 lb	521 lb	1922	0.153	97	1334		
7R190780	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE4A01	5N	0E	01	254	lb	2399 lb	521 lb	1878	0.1531	97	1304		
7R190782	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3C05	5N	0E	05	254	lb	1304 lb	521 lb	783	0.1532	97	544		
7R190790	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE2B01	5N	0E	01	254	lb	lb	lb	lb	lb	lb	97	0	
7R190792	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3B03	5N	0E	03	254	lb	lb	lb	lb	lb	lb	97	0	
7R190793	Drum	7R	X-326 Seal Exhaust Pipe	744G/5NE3A03	5N	0E	03	254	lb	lb	lb	lb	lb	lb	97	0	
7R220238	Drum	7R	Empty	744G					67410.75 lb	67410.75 lb	0	0	0	0	0	0	
990P0001	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06FLOOR	06		FLOOR	088	kg	34.8 kg	7.5 kg	27.3	87.03	2.593	23759		
990P0002	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.8 kg	7.5 kg	27.3	87.03	2.593	23759		
990P0003	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.9 kg	7.6 kg	27.3	87.03	2.593	23759		
990P0004	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.8 kg	7.5 kg	27.3	87.03	2.593	23759		
990P0005	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.7 kg	7.4 kg	27.3	87.03	2.593	23759		
990P0006	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	35.1 kg	7.8 kg	27.3	87.03	2.593	23759		
990P0007	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.8 kg	7.5 kg	27.3	87.03	2.593	23759		
990P0008	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06FLOOR	06		FLOOR	088	kg	34.7 kg	7.4 kg	27.3	87.03	2.593	23759		
990P0009	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	35 kg	7.7 kg	27.3	87.03	2.593	23759		
990P0010	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.8 kg	7.5 kg	27.3	87.03	2.593	23759		
990P0011	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.6 kg	7.2 kg	27.4	87.03	2.593	23846		
990P0012	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.7 kg	7.4 kg	27.3	87.03	2.593	23759		
990P0013	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.6 kg	7.4 kg	27.2	87.03	2.593	23672		
990P0014	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.8 kg	7.5 kg	27.3	87.03	2.593	23759		
990P0015	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.7 kg	7.4 kg	27.3	87.03	2.593	23759		
990P0016	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	35 kg	7.7 kg	27.3	87.03	2.593	23759		
990P0017	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.8 kg	7.5 kg	27.3	87.03	2.593	23759		
990P0018	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.5 kg	7.2 kg	27.3	87.03	2.593	23759		
990P0019	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.6 kg	7.3 kg	27.3	87.03	2.593	23759		
990P0020	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.6 kg	7.3 kg	27.3	87.03	2.593	23759		
990P0021	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.5 kg	7.2 kg	27.3	87.03	2.593	23759		
990P0022	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.65 kg	7.4 kg	27.25	87.03	2.593	23716		
990P0023	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.7 kg	7.4 kg	27.3	87.03	2.593	23759		
990P0024	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.9 kg	7.6 kg	27.3	87.03	2.593	23759		
990P0025	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.44 kg	7.2 kg	27.24	87.03	2.593	23707		
990P0026	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.65 kg	7.4 kg	27.25	87.03	2.593	23716		
990P0027	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.64 kg	7.4 kg	27.24	87.03	2.593	23707		
990P0028	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.64 kg	7.4 kg	27.24	87.03	2.593	23707		
990P0029	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.44 kg	7.2 kg	27.24	87.03	2.593	23707		
990P0030	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.7 kg	7.4 kg	27.3	87.03	2.593	23759		
990P0031	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.7 kg	7.4 kg	27.3	87.03	2.593	23759		
990P0032	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.65 kg	7.4 kg	27.25	87.03	2.593	23716		
990P0033	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.85 kg	7.6 kg	27.25	87.03	2.593	23716		
990P0034	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.6 kg	7.3 kg	27.3	87.03	2.593	23759		
990P0035	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.7 kg	7.4 kg	27.3	87.03	2.593	23759		
990P0036	Poly Bottle	99	Lot 17, UQ2 Powder DOE S	744G/06	06			088	kg	34.8 kg	7.5 kg	27.3	87.03	2.593	23759		

ContainerID	Container Type	SizeCode	Description/Lot Location	Location	LocSection	LocRow	LocPositio	IDC	GrossUnit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
990P0037	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.8 kg		34.8 kg	7.5 kg	27.3	87.03	2.593	23759
990P0038	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.44 kg		34.44 kg	7.2 kg	27.24	87.03	2.593	23707
990P0039	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.45 kg		34.45 kg	7.2 kg	27.25	87.03	2.593	23716
990P0040	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.74 kg		34.74 kg	7.5 kg	27.24	87.03	2.593	23707
990P0041	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.45 kg		34.45 kg	7.2 kg	27.25	87.03	2.593	23716
990P0042	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.6 kg		34.6 kg	7.3 kg	27.3	87.03	2.593	23759
990P0043	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.65 kg		34.65 kg	7.4 kg	27.25	87.03	2.593	23716
990P0044	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.74 kg		34.74 kg	7.5 kg	27.24	87.03	2.593	23707
990P0045	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.8 kg		34.8 kg	7.5 kg	27.3	87.03	2.593	23759
990P0046	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.7 kg		34.7 kg	7.4 kg	27.3	87.03	2.593	23759
990P0047	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.7 kg		34.7 kg	7.4 kg	27.3	87.03	2.593	23759
990P0048	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	35 kg		35 kg	7.7 kg	27.3	87.03	2.593	23759
990P0049	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.6 kg		34.6 kg	7.4 kg	27.2	87.03	2.593	23672
990P0050	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.8 kg		34.8 kg	7.5 kg	27.3	87.03	2.593	23759
990P0051	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.7 kg		34.7 kg	7.4 kg	27.3	87.03	2.593	23759
990P0052	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.9 kg		34.9 kg	7.6 kg	27.3	87.03	2.593	23759
990P0053	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.7 kg		34.7 kg	7.4 kg	27.3	87.03	2.593	23759
990P0054	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.8 kg		34.8 kg	7.5 kg	27.3	87.03	2.593	23759
990P0055	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.8 kg		34.8 kg	7.4 kg	27.4	87.03	2.593	23846
990P0056	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.6 kg		34.6 kg	7.3 kg	27.3	87.03	2.593	23759
990P0057	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.8 kg		34.8 kg	7.4 kg	27.4	87.03	2.593	23846
990P0058	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.7 kg		34.7 kg	7.4 kg	27.3	87.03	2.593	23759
990P0059	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.8 kg		34.8 kg	7.5 kg	27.3	87.03	2.593	23759
990P0060	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.74 kg		34.74 kg	7.5 kg	27.24	87.03	2.593	23707
990P0061	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.8 kg		34.8 kg	7.5 kg	27.3	87.03	2.593	23759
990P0062	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.6 kg		34.6 kg	7.3 kg	27.3	87.03	2.593	23759
990P0063	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.7 kg		34.7 kg	7.4 kg	27.3	87.03	2.593	23759
990P0064	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.7 kg		34.7 kg	7.4 kg	27.3	87.03	2.593	23759
990P0065	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.85 kg		34.85 kg	7.4 kg	27.25	87.03	2.593	23716
990P0066	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	17.25 kg		17.25 kg	7.4 kg	9.85	87.03	2.595	8572
990P0067	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.5 kg		34.5 kg	7.2 kg	27.3	87.03	2.593	23759
990P0068	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.7 kg		34.7 kg	7.4 kg	27.3	87.03	2.593	23759
990P0069	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.7 kg		34.7 kg	7.4 kg	27.3	87.03	2.593	23759
990P0070	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.7 kg		34.7 kg	7.4 kg	27.3	87.03	2.593	23759
990P0071	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.8 kg		34.8 kg	7.5 kg	27.3	87.03	2.593	23759
990P0072	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	35 kg		35 kg	7.7 kg	27.3	87.03	2.593	23759
990P0073	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.8 kg		34.8 kg	7.5 kg	27.3	87.03	2.593	23759
990P0074	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.54 kg		34.54 kg	7.2 kg	27.34	87.03	2.593	23794
990P0075	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		068		kg	34.5 kg		34.5 kg	7.1 kg	27.4	87.03	2.593	23846
990P0076	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		049		kg	0.31 kg		0.31 kg	0.08 kg	0.23	75.652	9.7701	174
990P0077	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		010		kg	0.87 kg		0.87 kg	0.49 kg	0.38	88.684	9.793	337
990P0078	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		049		kg	0.72 kg		0.72 kg	0.46 kg	0.26	76.154	5.0505	198
990P0079	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		067		kg	0.85 kg		0.85 kg	0.26 kg	0.59	53.438	9.0643	315
990P0080	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		067		kg	1.27 kg		1.27 kg	0.35 kg	0.92	47.32	9.3682	435
990P0081	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		067		kg	2.28 kg		2.28 kg	0.26 kg	2.02	65.396	9.7653	1321
990P0082	Poly Bottle	99	Lot 17, UO2 Powder DOE S 744G/06		06		067		kg	0.37 kg		0.37 kg	0.09 kg	0.28	54.643	9.739	153
C001913	SDC	C0	Lot 17, UO2 Powder DOE S 744G/0601A10		06	10	09	005EMS g		3067 g		3067 g	198 g	2869	72.708	5.8	2086
C001926	SDC	C0	Lot 18 Uranium Oxides 744G/0112A09		01	12	09	005EMS g		2673 g		2673 g	205 g	2468	72.326	8.57	1785
C001931	SDC	C0	Lot 18 Uranium Oxides 744G/0112A17		01	12	17	005EMS g		2104 g		2104 g	166 g	1938	74.51	7.41	1444
C001933	SDC	C0	Lot 18 Uranium Oxides 744G/0112A10		01	12	10	005EMS g		2233 g		2233 g	205 g	2028	65.138	10.6	1321
C001935	SDC	C0	UO2 744G/0403A14		04	03	14	002 g		756.3 g		756.3 g	167 g	589.3	65.365	0.52	0
C001938	SDC	C0	Lot 18 Uranium Oxides 744G/0113A10		01	12	06	005EMS g		3210 g		3210 g	202 g	3008	75.299	5.74	2265
C001939	SDC	C0	Lot 18 Uranium Oxides 744G/0113A09		01	13	10	005EMS g		1261 g		1261 g	202 g	1059	54.297	14.62	575
C001940	SDC	C0	Lot 18 Uranium Oxides 744G/0113A09		01	13	09	005EMS g		431 g		431 g	202 g	83.406	16.79	191	
C001945	SDC	C0	Lot 18 Uranium Oxides 744G/0811A19		08	11	19	005EMS g		1688.8 g		1688.8 g	196 g	1492.8	68.596	5.37	1024
C001990	SDC	C0	USO8 Not part of lot 18 inve744G/0408A27		04	08	27	005 g		2032 g		2032 g	197 g	1835	84.792	3.663	1556
C001992	SDC	C0	USO8 Not part of lot 18 inve744G/0403A25		04	03	25	005 g		3635 g		3635 g	199 g	3436	66.502	6.17	2285
C001994	SDC	C0	USO8 Not part of lot 18 inve744G/0406A05		04	06	05	005 g		3076 g		3076 g	200 g	2876	77.017	4.65	2215
C001995	SDC	C0	USO8 Not part of lot 18 inve744G/0403A21		04	03	21	005 g		2349 g		2349 g	199 g	2150	71.628	4.22	1540
C001996	SDC	C0	USO8 Not part of lot 18 inve744G/0403A20		04	03	20	005 g		2100 g		2100 g	199 g	1901	78.117	4.04	1485
C001997	SDC	C0	USO8 Not part of lot 18 inve744G/0403A27		04	03	27	005 g		2123 g		2123 g	206 g	1917	84.793	3.938	1625
C001998	SDC	C0	USO8 Not part of lot 18 inve744G/0408A28		04	08	28	005 g		2236 g		2236 g	207 g	2029	84.792	3.547	1720
C001999	SDC	C0	Lot 18 Uranium Oxides 744G/0811A24		08	11	24	005EMS g		2189.3 g		2189.3 g	207 g	1982.3	83.489	2.9	1655
C009704	SDC	C0	USO8 Not part of lot 18 inve744G/0403A22		04	03	22	005 g		2453 g		2453 g	206 g	2247	84.793	5.197	1905
C009705	SDC	C0	USO8 Not part of lot 18 inve744G/0403A23		04	03	23	005 g		2344 g		2344 g	206 g	2138	67.961	10.05	1453
C009706	SDC	C0	Lot 18 Uranium Oxides 744G/0111A11		01	11	11	005EMS g		3394 g		3394 g	205 g	3189	84.384	12.3	2691

ContainerID	Container Type	SizeCode	Description/Lot	Location	Loc Section	Loc Row	Loc Positio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	Net Weight	Purity	Assay	Grams
C009709	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A16		04	03	16	005	g	1828 g			206 g	1622	77.25	4.47	1253
C009710	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A15		04	03	15	005	g	2752 g			205 g	2547	76.05	4.13	1937
C009711	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A17		04	03	17	005	g	2936 g			207 g	2729	76.218	4.23	2080
C009712	SDC	C0	U3O8 Not part of lot 18 inve 744G/0401A03		04	01	03	005	g	2594 g			206 g	2389	21.934	4.2	524
C009713	SDC	C0	U3O8 Not part of lot 18 inve 744G/0407A22		04	07	22	005	g	2523 g			205 g	2317	25.464	3.9	590
C009714	SDC	C0	U3O8 Not part of lot 18 inve 744G/0407A23		04	07	23	005	g	2305 g			206 g	2099	82.754	3.8	1737
C009719	SDC	C0	U3O8 Not part of lot 18 inve 744G/0407A27		04	07	27	005	g	2610 g			205 g	2405	84.792	4.16	2039
C009720	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A28		04	03	28	005	g	2744 g			204 g	2540	84.37	3.78	2143
C009727	SDC	C0	U3O8 Not part of lot 18 inve 744G/0406A03		04	06	03	005	g	2449 g			202 g	2246	80.142	4	1800
C009728	SDC	C0	U3O8 Not part of lot 18 inve 744G/0407A10		04	07	10	005	g	2792 g			203 g	2590	88.649	3.31	2296
C009729	SDC	C0	U3O8 Not part of lot 18 inve 744G/0406A01		04	06	01	005	g	2621 g			203 g	2418	84.792	4.244	2050
C009730	SDC	C0	U3O8 Not part of lot 18 inve 744G/0407A02		04	07	02	005	g	2571 g			205 g	2366	85.545	4.15	2024
C014301	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A07		04	03	07	005	g	2484.2 g			204 g	2280.2	84.649	3.99	1930
C014302	SDC	C0	U3O8 Not part of lot 18 inve 744G/0407A15		04	07	15	005	g	2100 g			203 g	2273	59.921	3.598	1362
C014303	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A26		04	03	26	005	g	2476 g			206 g	1894	67.582	5.47	1280
C014304	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A12		04	03	12	005	g	2546 g			203 g	2343	54.631	4.062	1280
C014305	SDC	C0	U3O8 Not part of lot 18 inve 744G/0407A17		04	07	17	005	g	2829 g			204 g	2625	54.819	4.031	1439
C014306	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A01		04	03	01	005	g	1152 g			204 g	948	51.899	1.22	492
C014701	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A08		04	03	08	005	g	2804 g			204 g	2600	87.692	4.299	2280
C014702	SDC	C0	U3O8 Not part of lot 18 inve 744G/0408A21		04	08	21	005	g	2750 g			205 g	2545	86.916	5.515	2212
C014703	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A10		04	03	10	005	g	2683 g			205 g	2478	92.696	4.222	2297
C014704	SDC	C0	U3O8 Not part of lot 18 inve 744G/0408A24		04	08	24	005	g	2531 g			203 g	2328	88.746	3.774	2066
C014705	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A04		04	03	04	005	g	2221 g			203 g	2018	77.403	4.609	1562
C015701	SDC	C0	U3O8 Not part of lot 18 inve 744G/0407A19		04	07	19	005	g	3012 g			205 g	2807	73.78	4.2	2071
C015702	SDC	C0	U3O8 Not part of lot 18 inve 744G/0404A22		04	04	22	005	g	2513 g			206 g	2307	60.902	4.912	1405
C015703	SDC	C0	U3O8 Not part of lot 18 inve 744G/0404A28		04	04	28	005	g	3598 g			204 g	3394	77.018	0.88	2614
C015704	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A11		04	03	11	005	g	2352 g			204 g	2148	68.209	0.751	1465
C015707	SDC	C0	U3O8 Not part of lot 18 inve 744G/0408A22		04	08	22	005	g	1318 g			205 g	1113	64.151	0.7	1000
C015708	SDC	C0	U3O8 Not part of lot 18 inve 744G/0408A19		04	08	19	005	g	3970 g			204 g	1226	69.902	0.7	1000
C015709	SDC	C0	U3O8 Not part of lot 18 inve 744G/5W09A14		5W	09	14	005	g	3765			205 g	3765	80.345	1.124	3025
C015710	SDC	C0	U3O8 Not part of lot 18 inve 744G/0408A15		04	08	15	005	g	1229 g			205 g	1024	50.488	4.06	517
C041139	SDC	C0	Lot 18 Uranium Oxides 744G/0806B12		08	06	12	005EMS	g	3189 g			178 g	3011	79.38	7.424	2390
C041160	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A13		04	03	13	005EMS	g	2124 g			190 g	1934	83.793	3.208	1621
C041170	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A09		04	03	09	005	g	2209.5 g			193.8 g	2015.7	83.793	3.198	1689
C041180	SDC	C0	Lot 18 Uranium Oxides 744G/0805A35		08	05	35	005EMS	g	4140 g			192.2 g	3947.8	80.74	5.796	3187
C041185	SDC	C0	Lot 18 Uranium Oxides 744G/0801A21		08	01	21	005EMS	g	3520 g			192.6 g	3327.4	81.9	5.089	2725
C041191	SDC	C0	Lot 18 Uranium Oxides 744G/0111A18		08	11	18	005EMS	g	2240 g			204 g	2036	76.09	13	1549
C041237	SDC	C0	Lot 18 Uranium Oxides 744G/0802C05		08	02	05	005EMS	g	2345 g			192 g	2153	80.45	5.93	1732
C041255	SDC	C0	Lot 18 Uranium Oxides 744G/0807B22		08	07	22	005EMS	g	2598 g			209 g	2389	84.71	6.28	2024
C041278	SDC	C0	U3O8 Not part of lot 18 inve 744G/0403A18		04	03	18	005	g	2681 g			193 g	2488	80.707	4.93	2008
C041281	SDC	C0	Lot 18 Uranium Oxides 744G/0811A12		08	11	12	005EMS	g	3596.5 g			205 g	3391.5	72.063	5.77	2444
C041282	SDC	C0	Lot 18 Uranium Oxides 744G/0811A16		08	11	16	005EMS	g	1336.5 g			192 g	1144.5	84.788	6.186	970
C316001	SDC	C3	Lot 18 Uranium Oxides 744G/0807A37		08	07	37	005EMS	g	1267.7 g			191 g	1076.7	71.05	5.88	765
CA33501	SDC	CA	Lot 18 Uranium Oxides 744G/0105A03		01	05	03	005EMS	g	1318.7 g			317.9 g	1000.8	82.02	6.91	821
CA33502	SDC	CA	Lot 18 Uranium Oxides 744G/0105A06		01	05	06	005EMS	g	5892 g			157 g	5735	88.04	12.35	5049
CA33503	SDC	CA	Lot 18 Uranium Oxides 744G/0105A04		01	05	04	005EMS	g	5743.7 g			148 g	5595.7	88.04	12.35	4926
CA33504	SDC	CA	Lot 18 Uranium Oxides 744G/0105A05		01	05	05	005EMS	g	5814 g			150 g	5664	88.04	12.35	4987
CA33506	SDC	CA	Lot 18 Uranium Oxides 744G/0105A02		01	05	05	005EMS	g	5910.3 g			157 g	5753.3	88.04	12.35	5065
CA33507	SDC	CA	Lot 18 Uranium Oxides 744G/0105A01		01	05	02	005EMS	g	1517.6 g			118 g	1399.6	88.04	12.35	1232
CA33508	SDC	CA	Lot 18 Uranium Oxides 744G/0105A10		01	05	10	005EMS	g	5930.9 g			158 g	5772.9	88.04	12.35	5082
CA33509	SDC	CA	Lot 18 Uranium Oxides 744G/0105A07		01	05	07	005EMS	g	6189.7 g			161 g	6028.7	88.04	12.35	5308
CA33510	SDC	CA	Lot 18 Uranium Oxides 744G/0111A14		01	11	14	005EMS	g	6144.3 g			159 g	5985.3	88.04	12.35	5269
CA33511	SDC	CA	Lot 18 Uranium Oxides 744G/0111A19		01	11	19	005EMS	g	1002 g			40 g	962	88.04	12.35	847
CA33512	SDC	CA	Lot 18 Uranium Oxides 744G/0111A20		01	11	20	005EMS	g	6173.9 g			147 g	6026.9	88.04	12.35	5306
CA72408	SDC	CA	Lot 18 Uranium Oxides 744G/0110A14		01	10	14	005EMS	g	1788.1 g			117 g	1671.1	88.04	12.35	1471
CCOR001	Drum	CC	Lot 15 Correll 744G/5W03A04		5W	03	04	007	lb	987.3 g			145 g	842.3	87.81	19.99	740
CCOR002	Drum	CC	Lot 15 Correll 744G/5W02A04		5W	02	04	007	lb	517 lb			339 lb	178	78.091	2.069	63050
CCOR003	Drum	CC	Lot 15 Correll 744G/5W02A03		5W	02	03	007	lb	517 lb			339 lb	178	78.191	2.069	63131
CCOR004	Drum	CC	Lot 15 Correll 744G/5W02A03		5W	02	03	007	lb	513 lb			336 lb	177	78.562	2.069	63074
CCOR005	Drum	CC	Lot 15 Correll 744G/5W02A02		5W	02	02	007	lb	517 lb			337 lb	177	78.697	2.069	63182
CCOR006	Drum	CC	Lot 15 Correll 744G/5W02A02		5W	02	02	007	lb	514 lb			337 lb	177	78.585	2.069	63092
CCOR007	Drum	CC	Lot 15 Correll 744G/5W02A02		5W	02	02	007	lb	520 lb			343 lb	177	78.544	2.069	63059
CCOR008	Drum	CC	Lot 15 Correll 744G/5W02A02		5W	02	02	007	lb	512 lb			335 lb	177	78.53	2.069	63048
CCOR009	Drum	CC	Lot 15 Correll 744G/5W03A02		5W	03	02	007	lb	512 lb			335 lb	177	78.546	2.069	63061
CCOR010	Drum	CC	Lot 15 Correll 744G/5W03A02		5W	03	02	007	lb	518 lb			341 lb	177	78.577	2.069	63086
CCOR011	Drum	CC	Lot 15 Correll 744G/5W02A04		5W	02	04	007	lb	516 lb			341 lb	176	78.938	2.069	63018
CCOR012	Drum	CC	Lot 15 Correll 744G/5W02A02		5W	02	02	007	lb	520 lb			341 lb	179	77.644	2.069	63041
						03	02	007	lb	516 lb			340 lb	176	79.194	2.069	63222

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
CCOR013	Drum	CC	Lot 15 Cornell	744G/SW03A05	5W	03	05	007	lb	523 lb		346 lb	177	78.738	2.069	63215	
CCOR014	Drum	CC	Lot 15 Cornell	744G/SW03A05	5W	03	05	007	lb			333 lb	176	79.158	2.069	63193	
CCOR015	Drum	CC	Lot 15 Cornell	744G/SW03A05	5W	03	05	007	lb	522 lb		346 lb	176	79.188	2.069	63217	
CCOR016	Drum	CC	Lot 15 Cornell	744G/SW03A05	5W	03	05	007	lb	502 lb		325 lb	177	78.56	2.069	63072	
CCOR017	Drum	CC	Lot 15 Cornell	744G/SW02A05	5W	02	05	007	lb	500 lb		324 lb	176	79.031	2.069	63092	
CCOR018	Drum	CC	Lot 15 Cornell	744G/SW02A04	5W	02	04	007	lb	500 lb		324 lb	176	79.069	2.069	63122	
CCOR019	Drum	CC	Lot 15 Cornell	744G/SW02A04	5W	02	04	007	lb	520 lb		343 lb	177	78.678	2.069	63167	
CCOR020	Drum	CC	Lot 15 Cornell	744G/SW02A05	5W	02	05	007	lb	513 lb		335 lb	178	78.425	2.069	63320	
CCOR021	Drum	CC	Lot 15 Cornell	744G/SW03A04	5W	03	04	007	lb	520 lb		342 lb	178	78.102	2.069	63059	
CCOR022	Drum	CC	Lot 15 Cornell	744G/SW03A04	5W	03	04	007	lb	518 lb		340 lb	178	78.179	2.069	63121	
CCOR023	Drum	CC	Lot 15 Cornell	744G/SW03A04	5W	03	04	007	lb	516 lb		342 lb	174	79.89	2.069	63053	
CCOR024	Drum	CC	Lot 15 Cornell	744G/SW02A05	5W	02	05	007	lb	494 lb		340 lb	154	78.661	2.069	54947	
CCOR025	Drum	CC	Lot 15 Cornell	744G/SW02A05	5W	02	05	007	lb	424 lb		341 lb	83	80.554	2.069	30327	
CCOR026	Drum	CC	Lot 15 Cornell	744G/SW02A03	5W	02	03	007	lb	507 lb		343 lb	164	76.848	2.069	57166	
CCOR027	Drum	CC	Lot 15 Cornell	744G/SW02A03	5W	02	03	007	lb	504 lb		340 lb	164	76.954	2.069	57245	
CCOR028	Drum	CC	Lot 15 Cornell	744G/SW03A03	5W	03	03	008	lb	164 lb		129 lb	35	87.58	2.069	13904	
CCOR029	Drum	CC	Lot 15 Cornell	744G/SW03A03	5W	03	03	008	lb	161 lb		130 lb	31	88.071	2.069	12384	
CCOR030	Drum	CC	Lot 15 Cornell	744G/SW03A03	5W	03	03	008	lb	159 lb		127 lb	32	87.496	2.069	12700	
CCOR031	Drum	CC	Lot 15 Cornell	744G/SW03A03	5W	03	03	009	lb	164 lb		139 lb	25	88.15	2.069	9996	
CCOR032	Drum	CC	Lot 15 Cornell	744G/SW03A03	5W	03	03	009	lb	164 lb		139 lb	25	88.15	2.069	9996	
CCOR033	Drum	CC	Lot 15 Cornell	744G/SW03A03	5W	03	03	009	lb	164 lb		139 lb	25	88.15	2.069	9996	
CCOR034	Drum	CC	Lot 15 Cornell	744G/SW03A03	5W	03	03	009	lb	163 lb		138 lb	25	87.444	2.069	9916	
CCOR035	Drum	CC	Lot 15 Cornell	744G/SW02A01	5W	02	01	009	lb	12.8 lb		11.8 lb	1	88.185	2.069	400	
CCOR036	Drum	CC	Lot 15 Cornell	744G/SW02A01	5W	02	01	009	lb	12.8 lb		11.8 lb	1	88.185	2.069	400	
CCOR037	Drum	CC	Lot 15 Cornell	744G/SW02A01	5W	02	01	009	lb	12.1 lb		11.1 lb	1	88.185	2.069	400	
CCOR038	Drum	CC	Lot 15 Cornell	744G/SW02A01	5W	02	01	009	lb	13 lb		12 lb	1	88.185	2.069	400	
CCOR039	Drum	CC	Lot 15 Cornell	744G/SW02A01	5W	02	01	009	lb	13.2 lb		12.2 lb	1	88.185	2.069	400	
CJ02056	SDC	CJ	Lot 18 Uranium Oxides	744G/0807A36	08	07	36	005EMS	g	185 g		56.26 g	128.74	88.2	11.2	114	
COXID01	SDC	CO	Lot 18 Uranium Oxides	744G/0106A03	01	06	03	005EMS	g	177.3 g		51.3	3879	54.756	14.266	2124	
COXID07	SDC	CO	Lot 18 Uranium Oxides	744G/0105A20	01	05	20	005EMS	g	175.6 g		125 g	50.6	78.12	8.08	40	
COXID13	SDC	CO	Lot 18 Uranium Oxides	744G/0106A01	01	06	01	005EMS	g	172.7 g		49.2	78.56	7.54	39		
COXID19	SDC	CO	Lot 18 Uranium Oxides	744G/0106A02	01	06	02	005EMS	g	174.4 g		50.5	80.85	7.91	41		
CT69201	SDC	CT	Lot 18 Uranium Oxides	744G/0807A39	08	07	39	005EMS	g	3923 g		117 g	3806	88.1	11.97	3353	
F012626	F Can	F0	UNH	744G/0105A14	01	05	14	048	g	5242 g		1363 g	3879	54.756	14.266	2124	
F012627	F Can	F0	UNH	744G/SE12A09	5W	12	09	048	g	5030 g		1299 g	5030	1603	0.062	45.09	
F014919	F Can	F0	Scrap (Rags + Wipes)	744G/SE05A12	5E	05	12	252	g	2518 g		915 g	915	636	0.1572	54.38	
F014949	F Can	F0	Scrap Metal	744G/0705A18	07	05	18	254	g	1535 g		899 g	910 g	6979	0.043	20.13	
F014958	F Can	F0	Scrap Metal	744G/0705A19	07	05	19	254	g	7889 g		1369 g	1369	622	73.151	6.148	
F016395	F Can	F0	USO8 Not part of lot 18 inve	744G/0406A08	04	06	08	005	g	1991 g		905 g	905	1042	0	51.5	
F021613	F Can	F0	Scrap Metal	744G/0705A10	07	05	10	254	g	1947 g		912 g	833	0	51.5	0	
F021614	F Can	F0	Scrap Metal	744G/0706A08	07	06	08	254	g	1745 g		907 g	3883	4.5774	16.89	178	
F022555	F Can	F0	Scrap (Rags + Wipes)	744G/SE03A05	5E	03	05	252	g	2602 g		905 g	2602 g	1697	0.825	27.83	
F022822	F Can	F0	Scrap (Rags + Wipes)	744G/0705A15	07	05	15	252	g	2861 g		907 g	1954	0.7677	43.68	15	
F022834	F Can	F0	Scrap (Rags + Wipes)	744G/0705A16	07	05	16	252	g	3463 g		909 g	2554	0.822	33.1	21	
F022837	F Can	F0	Scrap (Rags + Wipes)	744G/SE14A05	5E	14	05	252	g	2167 g		908 g	1259	0	67	0	
F022855	F Can	F0	Scrap Metal	744G/0705A12	07	05	12	254	g	1853 g		907 g	946	0	88	0	
F022881	F Can	F0	Scrap Metal	744G/0705A17	07	05	17	254	g	1895 g		908 g	987	0.1013	47.4	1	
F022891	F Can	F0	Scrap Metal	744G/0705A14	07	05	14	254	g	1895 g		908 g	1050	1.651	14.42	17	
F022892	F Can	F0	Scrap (Rags + Wipes)	744G/SE02A14	5E	02	14	252	g	1963 g		913 g	905	1973	0	18	
F022916	F Can	F0	Scrap (Rags + Wipes)	744G/SE03A01	5E	03	01	254	g	2878 g		900 g	1366	0	3.37	0	
F022929	F Can	F0	Scrap (Rags + Wipes)	744G/0706A09	07	06	09	254	g	2266 g		909 g	3723	45.984	7.42	1712	
F022977	F Can	F0	Scrap (Rags + Wipes)	744G/0706A10	07	06	10	252	g	4632 g		909 g	1454	28.955	5.72	421	
F023950	F Can	F0	Scrap (Rags + Wipes)	744G/SE23A09	5E	23	09	252	g	2376 g		922 g	2854	29.888	5.65	853	
F023951	F Can	F0	Scrap (Rags + Wipes)	744G/SE23A11	5E	23	11	252	g	3774 g		920 g	976	5.123	6.76	50	
F023952	F Can	F0	Scrap (Rags + Wipes)	744G/SE23A08	5E	23	08	252	g	1890 g		914 g	3072	2149	3.63	6.29	
F023965	F Can	F0	Scrap (Rags + Wipes)	744G/SE23A12	5E	23	12	252	g	2633 g		912 g	1721	8.832	5.81	152	
F023966	F Can	F0	Scrap (Rags + Wipes)	744G/0705A09	07	05	09	252	g	2355 g		908 g	1447	2.211	4.12	32	
F023970	F Can	F0	Scrap (Rags + Wipes)	744G/0706A05	07	06	05	252	g	2541 g		916 g	1625	5.908	5.9	96	
F023983	F Can	F0	Scrap (Rags + Wipes)	744G/SE23A10	5E	23	10	252	g	328		920 g	1328	3.464	83.05	46	
F023995	F Can	F0	Scrap (Rags + Wipes)	744G/0706A13	07	06	13	252	g	2248 g		920 g	1263	83.826	0.711	100000	
HA605683	Drum	HA	Lot 3 Hanford	744G/S01A04	5S	01	04	064	lb	376 lb		113 lb	263	83.826	0.711	100000	
HA605684	Drum	HA	Lot 3 Hanford	744G/S01A02	5S	01	02	064	lb	161 lb		88 lb	73	93.621	0.711	31000	
HA605686	Drum	HA	Lot 3 Hanford	744G/SE1A02	5S	0E	02	064	lb	376 lb		113 lb	263	83.826	0.711	100000	
HA605699	Drum	HA	Lot 3 Hanford	744G/S01A02	5S	01	02	064	lb	387 lb		114 lb	273	80.756	0.711	100000	
HA605702	Drum	HA	Lot 3 Hanford	744G/S01A02	5S	01	02	064	lb	363 lb		111 lb	252	87.485	0.711	100000	
HA605751	Drum	HA	Lot 3 Hanford	744G/SE1A02	5S	0E	02	064	lb	370 lb		115 lb	255	86.456	0.711	100000	
HA605754	Drum	HA	Lot 3 Hanford	744G/0501A01	05	01	02	064	lb	147 lb		102 lb	45	88.185	0.711	18000	
HA605804	Drum	HA	Lot 3 Hanford	744G/S01A05	5S	01	05	064	lb	356 lb		111 lb	245	86.386	0.711	96000	

ContainerID	Container Type	SizeCode	Description/Lot	Location	Loc Section	Loc Row	Loc Positio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	Net Weight	Purity	Assay	Grams
HA605807	Drum	HA	Lot 3 Hanford	744G6SE1A02	5S	0E	02	064	lb		376 lb		113 lb	263	83.826	0.711	100000
HA605809	Drum	HA	Lot 3 Hanford	744G6SE1A02	5S	0E	05	064	lb		361 lb		110 lb	251	87.834	0.711	100000
HA605810	Drum	HA	Lot 3 Hanford	744G6S01A05	5S	01	02	064	lb		176 lb		29 lb	147	85.486	0.711	57000
HA605823	Drum	HA	Lot 3 Hanford	744G6S01A04	5S	01	04	064	lb		372 lb		109 lb	263	83.826	0.711	100000
HA605825	Drum	HA	Lot 3 Hanford	744G6SE1A03	5S	0E	03	064	lb		379 lb		116 lb	263	83.826	0.711	100000
HA605828	Drum	HA	Lot 3 Hanford	744G6S01A04	5S	01	04	064	lb		367 lb		104 lb	263	83.826	0.711	100000
HAPLEU01	Drum	HA	Lot 3 Hanford	744G6S02A01	5C	02	01	064	lb		95 lb		63 lb	32	81.613	2.93	11846
HAPLEU02	Drum	HA	Lot 3 Hanford	744G6S01A01	5C	01	01	064	lb		95 lb		63 lb	32	82.839	2.7861	12024
HAPLEU03	Drum	HA	Lot 3 Hanford	744G6S02A01	5C	02	01	064	lb		94 lb		63 lb	31	80.313	2.9399	11293
HAPLEU04	Drum	HA	Lot 3 Hanford	744G6S02A01	5C	02	01	064	lb		95 lb		63 lb	32	83.101	2.752	12062
HAPLEU05	Drum	HA	Lot 3 Hanford	744G6S01A01	5C	01	01	064	lb		100 lb		63 lb	37	82.459	2.5219	13839
HAPLEU06	Drum	HA	Lot 3 Hanford	744G6S01A01	5C	01	01	064	lb		98 lb		63 lb	35	82.63	2.6071	13118
HAPLEU07	Drum	HA	Lot 3 Hanford	744G6S02A01	5C	02	01	064	lb		99 lb		63 lb	36	82.57	2.3437	13483
HAPLEU08	Drum	HA	Lot 3 Hanford	744G6S01A01	5C	01	01	064	lb		99 lb		63 lb	36	83.298	2.4261	13602
HAPLEU09	Drum	HA	Lot 3 Hanford	744G6S03A01	5C	03	01	064	lb		96 lb		63 lb	33	83.375	2.7404	12480
HAPLEU10	Drum	HA	Lot 3 Hanford	744G6S03A01	5C	03	01	064	lb		85 lb		63 lb	22	81.02	2.8819	8085
HAPLEU12	Drum	HA	Lot 3 Hanford	744G6S03A01	5C	03	01	064	lb		70 lb		63 lb	7	62.265	3.4901	1977
HAPNL041	Drum	HA	Lot 3 Hanford	744G6S01A04	5W	01	04	064	lb		609 lb		451 lb	158	78.059	2.35	55943
HAPNL043	Drum	HA	Lot 3 Hanford	744G6S01A02	5W	01	02	064	lb		602 lb		450 lb	152	81.141	2.35	55943
HAPNL045	Drum	HA	Lot 3 Hanford	744G6S01A03	5W	01	03	064	lb		604 lb		444 lb	160	77.084	2.35	55943
HAPNL046	Drum	HA	Lot 3 Hanford	744G6S01A02	5W	01	02	064	lb		606 lb		446 lb	160	77.084	2.35	55943
HAPNL047	Drum	HA	Lot 3 Hanford	744G6S01A05	5W	01	05	064	lb		597 lb		445 lb	152	76.926	2.35	53037
HAPNL048	Drum	HA	Lot 3 Hanford	744G6S01A03	5W	01	03	064	lb		603 lb		446 lb	157	76.516	2.35	54490
HAPNL049	Drum	HA	Lot 3 Hanford	744G6S01A05	5W	01	05	064	lb		606 lb		449 lb	157	78.557	2.35	55943
HAPNL050	Drum	HA	Lot 3 Hanford	744G6S01A02	5W	01	02	064	lb		605 lb		446 lb	159	77.568	2.35	55943
HAPNL051	Drum	HA	Lot 3 Hanford	744G6S01A05	5W	01	05	064	lb		606 lb		449 lb	157	77.536	2.35	55216
HAPNL052	Drum	HA	Lot 3 Hanford	744G6S01A05	5W	01	05	064	lb		553 lb		448 lb	105	79.325	2.35	37780
HAPNL053	Drum	HA	Lot 3 Hanford	744G6S01A02	5W	01	02	064	lb		605 lb		445 lb	160	77.084	2.35	55943
HAPNL054	Drum	HA	Lot 3 Hanford	744G6S01A04	5W	01	04	064	lb		608 lb		434 lb	174	70.882	2.35	55943
HAPNL055	Drum	HA	Lot 3 Hanford	744G6S01A04	5W	01	04	064	lb		570 lb		410 lb	160	77.08	2.35	55940
HAPNL056	Drum	HA	Lot 3 Hanford	744G6S01A04	5W	01	04	064	lb		602 lb		442 lb	160	77.084	2.35	55943
HAPNL057	Drum	HA	Lot 3 Hanford	744G6S01A03	5W	01	03	064	lb		595 lb		433 lb	162	76.132	2.35	55943
HAPNL058	Drum	HA	Lot 3 Hanford	744G6S01A03	5W	01	03	064	lb		571 lb		410 lb	161	76.605	2.35	55943
IL0000004000	SDC	IL	X-326 ILTs	744G6S03A07	5W	30	07	254	lb		30.97 lb		9.6 lb	21.37	0.0062	98	1
IL0000004002	SDC	IL	X-326 ILTs	744G6S01A06	5W	01	06	254	lb		30.63 lb		9.6 lb	21.03	0.0062	98	1
IL0000004003	SDC	IL	X-326 ILTs	744G6S12A12	5S	12	12	254	lb		27.06 lb		9.6 lb	17.46	0.0062	98	0
IL0000004004	SDC	IL	X-326 ILTs	744G6S01A08	5W	01	08	254	lb		30.33 lb		9.6 lb	20.73	0.0062	98	1
IL0000004005	SDC	IL	X-326 ILTs	744G6S12A14	5S	12	14	254	lb		32.71 lb		9.6 lb	23.11	0.0062	98	1
IL2501008025	SDC	IL	X-326 ILTs	744G6S02A09	5W	02	09	254	lb		20.64 lb		9.6 lb	11.04	0.0108	56	1
IL2501008026	SDC	IL	X-326 ILTs	744G6S01A12	5W	01	12	254	lb		15.07 lb		9.6 lb	5.47	0.0109	56	0
IL2501008027	SDC	IL	X-326 ILTs	744G6E01A03	5E	01	03	254	lb		17.82 lb		9.6 lb	8.22	0.011	56	0
IL2502008040	SDC	IL	X-326 ILTs	744G6S03A12	5W	30	12	254	lb		15.18 lb		9.6 lb	5.58	0.0087	67	0
IL2507170001	SDC	IL	X-326 ILTs	744G6S028A12	5W	28	12	254	lb		29 lb		9.6 lb	19.4	0.07	8.7	6
IL2507170002	SDC	IL	X-326 ILTs	744G6S027A08	5W	27	08	254	lb		19 lb		9.6 lb	9.4	0.07	8.7	3
IL2507170003	SDC	IL	X-326 ILTs	744G6S027A01	5W	27	01	254	lb		35 lb		9.6 lb	25.4	0.07	8.7	8
IL2507170004	SDC	IL	X-326 ILTs	744G6S12A05	5S	12	05	254	lb		29 lb		9.6 lb	19.4	0.07	8.7	6
IL2507170005	SDC	IL	X-326 ILTs	744G6S028A11	5W	28	11	254	lb		24 lb		9.6 lb	14.4	0.07	8.7	5
IL2507170006	SDC	IL	X-326 ILTs	744G6S027A02	5W	27	02	254	lb		19 lb		9.6 lb	9.4	0.07	8.7	3
IL2507170007	SDC	IL	X-326 ILTs	744G6S028A14	5W	28	14	254	lb		19 lb		9.6 lb	9.4	0.07	8.7	3
IL2507170008	SDC	IL	X-326 ILTs	744G6S028A09	5W	28	09	254	lb		33 lb		9.6 lb	23.4	0.07	8.7	7
IL2507170009	SDC	IL	X-326 ILTs	744G6S027A11	5W	27	11	254	lb		27 lb		9.6 lb	17.4	0.07	8.7	6
IL2507170010	SDC	IL	X-326 ILTs	744G6S028A15	5W	28	15	254	lb		14 lb		9.6 lb	4.4	0.07	8.7	1
IL2507170011	SDC	IL	X-326 ILTs	744G6S027A04	5W	27	04	254	lb		20 lb		9.6 lb	10.4	0.07	8.7	3
IL2507170012	SDC	IL	X-326 ILTs	744G6S027A05	5W	27	05	254	lb		28 lb		9.6 lb	18.4	0.07	8.7	6
IL2507170013	SDC	IL	X-326 ILTs	744G6S027A10	5W	27	10	254	lb		27 lb		9.6 lb	17.4	0.07	8.7	6
IL2507170014	SDC	IL	X-326 ILTs	744G6S028A08	5W	28	08	254	lb		17 lb		9.6 lb	7.4	0.07	8.7	2
IL2507170015	SDC	IL	X-326 ILTs	744G6S028A07	5W	28	07	254	lb		18 lb		9.6 lb	8.4	0.07	8.7	3
IL2507170016	SDC	IL	X-326 ILTs	744G6S027A03	5W	27	03	254	lb		19 lb		9.6 lb	9.4	0.07	8.7	3
IL2507170017	SDC	IL	X-326 ILTs	744G6S028A13	5W	28	13	254	lb		24 lb		9.6 lb	14.4	0.07	8.7	5
IL2507170018	SDC	IL	X-326 ILTs	744G6S027A09	5W	27	09	254	lb		25 lb		9.6 lb	15.4	0.07	8.7	5
IL2507170019	SDC	IL	X-326 ILTs	744G6S027A07	5W	27	07	254	lb		23 lb		9.6 lb	13.4	0.07	8.7	4
IL2507170020	SDC	IL	X-326 ILTs	744G6S028A10	5W	28	10	254	lb		24 lb		9.6 lb	14.4	0.07	8.7	5
IL2507170021	SDC	IL	X-326 ILTs	744G6S027A06	5W	27	06	254	lb		19 lb		9.6 lb	9.4	0.07	8.7	3
IL2507170022	SDC	IL	X-326 ILTs	744G6S029A11	5W	29	11	254	lb		29 lb		9.6 lb	19.4	0.07	8.7	6
IL2507170023	SDC	IL	X-326 ILTs	744G6S029A08	5W	29	08	254	lb		23 lb		9.6 lb	13.4	0.07	8.7	4
IL2507170024	SDC	IL	X-326 ILTs	744G6S029A10	5W	29	10	254	lb		23 lb		9.6 lb	13.4	0.07	8.7	4
IL2507170025	SDC	IL	X-326 ILTs	744G6S028A06	5W	28	06	254	lb		25 lb		9.6 lb	15.4	0.07	8.7	5
IL2507170026	SDC	IL	X-326 ILTs	744G6S029A12	5W	29	12	254	lb		23 lb		9.6 lb	13.4	0.07	8.7	4

ContainerId	Container Type	SizeCode	Description/Lot	Location	Loc Section	Loc Row	Loc Positio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	Net Weight	Purity	Assay	Grams
IL25071700027	SDC	IL	X-326 ILTs	744G5W28A01	5W	28	01	254	lb		19 lb		9.6 lb	9.4	0.07	8.7	3
IL25071700028	SDC	IL	X-326 ILTs	744G5W28A03	5W	28	03	254	lb		19 lb		9.6 lb	9.4	0.07	8.7	3
IL25071700029	SDC	IL	X-326 ILTs	744G5W28A15	5W	29	15	254	lb		25 lb		9.6 lb	15.4	0.07	8.7	5
IL25071700030	SDC	IL	X-326 ILTs	744G5W28A04	5W	28	04	254	lb		25 lb		9.6 lb	24 lb	0.07	8.7	5
IL2507200010	SDC	IL	X-326 ILTs	744G5W29A14	5W	29	14	254	lb		25 lb		9.6 lb	15.4	0.1523	4	11
IL2507200011	SDC	IL	X-326 ILTs	744G5W29A06	5W	29	06	254	lb		25 lb		9.6 lb	16.4	0.1523	4	11
IL2507200012	SDC	IL	X-326 ILTs	744G5W29A04	5W	29	04	254	lb		10 lb		9.6 lb	0.4	0.1523	4	0
IL2701000001	SDC	IL	X-326 ILTs	744G5W29A13	5W	29	13	254	lb		22 lb		9.6 lb	12.4	0.0478	12.75	3
IL2701000002	SDC	IL	X-326 ILTs	744G0705A22	07	05	22	254	lb		20 lb		9.6 lb	10.4	0.0478	12.75	2
IL2701000003	SDC	IL	X-326 ILTs	744G5W29A05	5W	29	05	254	lb		24 lb		9.6 lb	24 lb	0.0478	12.75	3
IL2701000004	SDC	IL	X-326 ILTs	744G5W29A09	5W	29	09	254	lb		27 lb		9.6 lb	17.4	0.0478	12.75	4
IL2701000006	SDC	IL	X-326 ILTs	744G6S12A07	5S	12	07	254	lb		16 lb		9.6 lb	6.4	0.0478	12.75	1
IL2701000010	SDC	IL	X-326 ILTs	744G6S14A01	5S	14	01	254	lb		27 lb		9.6 lb	17.4	0.0478	12.75	4
IL2701000011	SDC	IL	X-326 ILTs	744G6S14A03	5S	14	03	254	lb		30 lb		9.6 lb	20.4	0.0478	12.75	4
IL2701000012	SDC	IL	X-326 ILTs	744G6S14A11	5S	14	11	254	lb		30 lb		9.6 lb	20.4	0.0478	12.75	4
IL2701000013	SDC	IL	X-326 ILTs	744G6S13A06	5S	13	06	254	lb		27 lb		9.6 lb	17.4	0.0478	12.75	4
IL2701000014	SDC	IL	X-326 ILTs	744G6S14A05	5S	14	05	254	lb		32 lb		9.6 lb	22.4	0.0478	12.75	5
IL2701000015	SDC	IL	X-326 ILTs	744G6S13A04	5S	13	04	254	lb		29 lb		9.6 lb	19.4	0.0478	12.75	4
IL2701000016	SDC	IL	X-326 ILTs	744G6S13A08	5S	13	08	254	lb		39 lb		9.6 lb	29.4	0.0478	12.75	6
IL2701000017	SDC	IL	X-326 ILTs	744G6S14A13	5S	14	13	254	lb		30 lb		9.6 lb	20.4	0.0478	12.75	4
IL2701000018	SDC	IL	X-326 ILTs	744G6S13A07	5S	13	07	254	lb		28 lb		9.6 lb	18.4	0.0478	12.75	4
IL2701000019	SDC	IL	X-326 ILTs	744G6S14A02	5S	14	02	254	lb		36 lb		9.6 lb	26.4	0.0478	12.75	6
IL2701000020	SDC	IL	X-326 ILTs	744G5W29A07	5W	29	07	254	lb		32 lb		9.6 lb	22.4	0.0478	12.75	5
IL2701000021	SDC	IL	X-326 ILTs	744G5W28A02	5W	28	02	254	lb		35 lb		9.6 lb	25.4	0.0478	12.75	6
IL2701000022	SDC	IL	X-326 ILTs	744G5W28A05	5W	28	05	254	lb		27 lb		9.6 lb	17.4	0.0478	12.75	4
IL2701000023	SDC	IL	X-326 ILTs	744G6S14A09	5S	14	09	254	lb		36 lb		9.6 lb	26.4	0.0478	12.75	6
IL2701000024	SDC	IL	X-326 ILTs	744G6S13A10	5S	13	10	254	lb		34 lb		9.6 lb	24.4	0.0478	12.75	5
IL2701000025	SDC	IL	X-326 ILTs	744G5W29A03	5W	29	03	254	lb		31 lb		9.6 lb	21.4	0.0478	12.75	5
IL2701000026	SDC	IL	X-326 ILTs	744G5W29A02	5W	29	02	254	lb		32 lb		9.6 lb	22.4	0.0478	12.75	5
IL2701000027	SDC	IL	X-326 ILTs	744G5W13A15	5W	13	15	254	lb		37 lb		9.6 lb	27.4	0.0478	12.75	6
IL2701000028	SDC	IL	X-326 ILTs	744G6S13A12	5S	13	12	254	lb		37 lb		9.6 lb	27.4	0.0478	12.75	6
IL2701000029	SDC	IL	X-326 ILTs	744G5W11A07	5W	11	07	254	lb		35 lb		9.6 lb	25.4	0.0478	12.75	6
IL2701000030	SDC	IL	X-326 ILTs	744G6S14A15	5S	14	15	254	lb		32 lb		9.6 lb	22.4	0.0478	12.75	5
IL2701000031	SDC	IL	X-326 ILTs	744G6S13A14	5S	13	14	254	lb		35 lb		9.6 lb	25.4	0.0478	12.75	6
IL2701000032	SDC	IL	X-326 ILTs	744G5W11A09	5W	11	09	254	lb		32 lb		9.6 lb	22.4	0.0478	12.75	5
IL2701000033	SDC	IL	X-326 ILTs	744G5W12A02	5W	12	02	254	lb		35 lb		9.6 lb	25.4	0.0478	12.75	6
IL2701000034	SDC	IL	X-326 ILTs	744G5W12A03	5W	12	03	254	lb		29 lb		9.6 lb	19.4	0.0478	12.75	4
IL2701000035	SDC	IL	X-326 ILTs	744G5W12A06	5W	12	06	254	lb		34 lb		9.6 lb	24.4	0.0478	12.75	5
IL2701000036	SDC	IL	X-326 ILTs	744G6S12A03	5S	12	03	254	lb		26 lb		9.6 lb	16.4	0.0478	12.75	4
IL2701000037	SDC	IL	X-326 ILTs	744G6S12A01	5S	12	01	254	lb		26 lb		9.6 lb	16.4	0.0478	12.75	4
IL2701000038	SDC	IL	X-326 ILTs	744G6S12A01	5S	12	01	254	lb		24 lb		9.6 lb	14.4	0.0478	12.75	4
IL2701000039	SDC	IL	X-326 ILTs	744G6S10A11	5S	10	11	254	lb		24 lb		9.6 lb	14.4	0.0478	12.75	3
IL2701000039	SDC	IL	X-326 ILTs	744G6S12A15	5S	12	15	254	lb		26 lb		9.6 lb	16.4	0.0478	12.75	4
IL2701000040	SDC	IL	X-326 ILTs	744G6S10A01	5S	10	01	254	lb		26 lb		9.6 lb	16.4	0.0478	12.75	4
IL2701000041	SDC	IL	X-326 ILTs	744G6S12A09	5S	12	09	254	lb		26 lb		9.6 lb	16.4	0.0478	12.75	4
IL2701000042	SDC	IL	X-326 ILTs	744G6S10A03	5S	10	03	254	lb		24 lb		9.6 lb	14.4	0.0478	12.75	3
IL2701000043	SDC	IL	X-326 ILTs	744G6S10A09	5S	10	09	254	lb		30 lb		9.6 lb	20.4	0.0478	12.75	4
IL2701000044	SDC	IL	X-326 ILTs	744G6S11A02	5S	11	02	254	lb		23 lb		9.6 lb	13.4	0.0478	12.75	3
IL2701000045	SDC	IL	X-326 ILTs	744G6S10A05	5S	10	05	254	lb		27 lb		9.6 lb	17.4	0.0478	12.75	4
IL2701000046	SDC	IL	X-326 ILTs	744G6S11A10	5S	11	10	254	lb		30 lb		9.6 lb	20.4	0.0478	12.75	4
IL2701000048	SDC	IL	X-326 ILTs	744G6S11A06	5S	11	06	254	lb		25 lb		9.6 lb	15.4	0.0478	12.75	3
IL2701000049	SDC	IL	X-326 ILTs	744G5W11A05	5W	11	05	254	lb		27 lb		9.6 lb	17.4	0.0478	12.75	4
IL2701000050	SDC	IL	X-326 ILTs	744G6S12A11	5S	12	11	254	lb		32 lb		9.6 lb	22.4	0.0478	12.75	5
IL2701000051	SDC	IL	X-326 ILTs	744G6S12A13	5S	12	13	254	lb		26 lb		9.6 lb	16.4	0.0478	12.75	4
IL2701000052	SDC	IL	X-326 ILTs	744G6S11A12	5S	11	12	254	lb		29 lb		9.6 lb	19.4	0.0478	12.75	4
IL2701000053	SDC	IL	X-326 ILTs	744G6S10A15	5S	10	15	254	lb		32 lb		9.6 lb	22.4	0.0478	12.75	5
IL2701000054	SDC	IL	X-326 ILTs	744G6S11A14	5S	11	14	254	lb		33 lb		9.6 lb	23.4	0.0478	12.75	5
IL2701000055	SDC	IL	X-326 ILTs	744G5W11A04	5W	11	04	254	lb		31 lb		9.6 lb	21.4	0.0478	12.75	5
IL2701000056	SDC	IL	X-326 ILTs	744G6S10A07	5S	10	07	254	lb		25 lb		9.6 lb	15.4	0.0478	12.75	3
IL2701000057	SDC	IL	X-326 ILTs	744G6S09A02	5S	09	02	254	lb		27 lb		9.6 lb	17.4	0.0478	12.75	4
IL2701000058	SDC	IL	X-326 ILTs	744G6S11A08	5S	11	08	254	lb		24 lb		9.6 lb	14.4	0.0478	12.75	3
IL2701000059	SDC	IL	X-326 ILTs	744G6S11A04	5S	11	04	254	lb		23 lb		9.6 lb	13.4	0.0478	12.75	3
IL2701000060	SDC	IL	X-326 ILTs	744G5W10A12	5W	10	12	254	lb		15 lb		9.6 lb	5.4	0.0478	12.75	1
IL2701000061	SDC	IL	X-326 ILTs	744G6S10A13	5S	10	13	254	lb		31 lb		9.6 lb	21.4	0.0478	12.75	5
IL2701000062	SDC	IL	X-326 ILTs	744G6S08A09	5S	08	09	254	lb		25 lb		9.6 lb	15.4	0.0478	12.75	3
IL2701000063	SDC	IL	X-326 ILTs	744G5W11A10	5W	11	10	254	lb		26 lb		9.6 lb	16.4	0.0478	12.75	4
IL2701000064	SDC	IL	X-326 ILTs	744G5W11A11	5W	11	11	254	lb		31 lb		9.6 lb	21.4	0.0478	12.75	5
IL2701000065	SDC	IL	X-326 ILTs	744G5W11A08	5W	11	08	254	lb		32 lb		9.6 lb	22.4	0.0478	12.75	5
IL2701000066	SDC	IL	X-326 ILTs	744G6S08A05	5S	08	05	254	lb		22 lb		9.6 lb	12.4	0.0478	12.75	3

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
IL2701000067	SDC	IL	X-326 ILTs	744G/S508A07	5S	08	07	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0478	12.75	3
IL2701000068	SDC	IL	X-326 ILTs	744G/S508A11	5S	08	11	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0478	12.75	4
IL2701000069	SDC	IL	X-326 ILTs	744G/S508A15	5S	08	15	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0478	12.75	3
IL2701000070	SDC	IL	X-326 ILTs	744G/S5W10A11	5W	10	11	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0478	12.75	4
IL2701000071	SDC	IL	X-326 ILTs	744G/S5W11A12	5W	11	12	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0478	12.75	4
IL2701000072	SDC	IL	X-326 ILTs	744G/S5W12A04	5W	12	04	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0478	12.75	4
IL2701000073	SDC	IL	X-326 ILTs	744G/S5W11A13	5W	11	13	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0478	12.75	4
IL2701000074	SDC	IL	X-326 ILTs	744G/S5W11A15	5W	11	15	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0478	12.75	3
IL2701000075	SDC	IL	X-326 ILTs	744G/S508A13	5S	08	13	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0478	12.75	4
IL2701000076	SDC	IL	X-326 ILTs	744G/S507A12	5S	07	12	254	lb		33 lb	9.6 lb	9.6 lb	23.4	0.0478	12.75	5
IL2701000077	SDC	IL	X-326 ILTs	744G/G0702A10	07	02	10	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0478	12.75	5
IL2701000078	SDC	IL	X-326 ILTs	744G/S508A03	5S	08	03	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0478	12.75	4
IL2701000079	SDC	IL	X-326 ILTs	744G/S509A08	5S	09	08	254	lb		36 lb	9.6 lb	9.6 lb	26.4	0.0478	12.75	6
IL2701000080	SDC	IL	X-326 ILTs	744G/S5W12A05	5W	12	05	254	lb		34 lb	9.6 lb	9.6 lb	24.4	0.0478	12.75	5
IL2701000081	SDC	IL	X-326 ILTs	744G/S5W11A14	5W	11	14	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0478	12.75	4
IL2701000082	SDC	IL	X-326 ILTs	744G/S508A01	5S	08	01	254	lb		35 lb	9.6 lb	9.6 lb	25.4	0.0478	12.75	6
IL2701000083	SDC	IL	X-326 ILTs	744G/G0702A22	07	02	22	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0478	12.75	5
IL2701000084	SDC	IL	X-326 ILTs	744G/S509A04	5S	09	04	254	lb		40 lb	9.6 lb	9.6 lb	30.4	0.0478	12.75	7
IL2701000085	SDC	IL	X-326 ILTs	744G/G0702A20	07	02	20	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0478	12.75	4
IL2701000086	SDC	IL	X-326 ILTs	744G/G0702A19	07	02	19	254	lb		34 lb	9.6 lb	9.6 lb	24.4	0.0478	12.75	5
IL2701000087	SDC	IL	X-326 ILTs	744G/S5W13A09	5W	13	09	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0478	12.75	5
IL2701000088	SDC	IL	X-326 ILTs	744G/G0702A24	07	02	24	254	lb		35 lb	9.6 lb	9.6 lb	25.4	0.0478	12.75	6
IL2701000089	SDC	IL	X-326 ILTs	744G/G0702A13	07	02	13	254	lb		34 lb	9.6 lb	9.6 lb	24.4	0.0478	12.75	5
IL2701000090	SDC	IL	X-326 ILTs	744G/G0702A23	07	02	23	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0478	12.75	4
IL2701000091	SDC	IL	X-326 ILTs	744G/G0702A25	07	02	25	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0478	12.75	4
IL2701000092	SDC	IL	X-326 ILTs	744G/G0702A26	07	02	26	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0478	12.75	3
IL2701000093	SDC	IL	X-326 ILTs	744G/S509A06	5S	09	06	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0478	12.75	4
IL2701000094	SDC	IL	X-326 ILTs	744G/S509A12	5S	09	12	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0478	12.75	5
IL2701000095	SDC	IL	X-326 ILTs	744G/G0702A21	07	02	21	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0478	12.75	4
IL2701001002	SDC	IL	X-326 ILTs	744G/S511A11	5S	11	11	254	lb	25.88 lb	25.88 lb	9.6 lb	9.6 lb	16.28	0.0478	12.75	4
IL2701003006	SDC	IL	X-326 ILTs	744G/SW30A13	5W	30	13	254	lb	20.76 lb	20.76 lb	9.6 lb	9.6 lb	11.16	0.048	12.75	2
IL2701008007	SDC	IL	X-326 ILTs	744G/SW02A11	5W	02	11	254	lb	20.72 lb	20.72 lb	9.6 lb	9.6 lb	11.12	0.0482	12.75	2
IL2701008008	SDC	IL	X-326 ILTs	744G/SW01A14	5W	01	14	254	lb	14.33 lb	14.33 lb	9.6 lb	9.6 lb	4.73	0.0475	12.75	1
IL2701009000	SDC	IL	X-326 ILTs	744G/SW30A11	5W	30	11	254	lb	24.16 lb	24.16 lb	9.6 lb	9.6 lb	14.56	0.0475	12.75	3
IL2701020001	SDC	IL	X-326 ILTs	744G/G0702A15	07	02	15	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.1416	4.3	12
IL2701020002	SDC	IL	X-326 ILTs	744G/S507A08	5S	07	08	254	lb		33 lb	9.6 lb	9.6 lb	23.4	0.1416	4.3	15
IL2701020003	SDC	IL	X-326 ILTs	744G/S509A10	5S	09	10	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.1416	4.3	12
IL2701020004	SDC	IL	X-326 ILTs	744G/S507A04	5S	07	04	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.1416	4.3	14
IL2701020005	SDC	IL	X-326 ILTs	744G/G0702A17	07	02	17	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.1416	4.3	9
IL2701020007	SDC	IL	X-326 ILTs	744G/G0702A12	07	02	12	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.1416	4.3	12
IL2701020008	SDC	IL	X-326 ILTs	744G/G0702A18	07	02	18	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.1416	4.3	13
IL2701020010	SDC	IL	X-326 ILTs	744G/G0702A16	07	02	16	254	lb		35 lb	9.6 lb	9.6 lb	25.4	0.1416	4.3	16
IL2701020011	SDC	IL	X-326 ILTs	744G/G0702A14	07	02	14	254	lb		35 lb	9.6 lb	9.6 lb	25.4	0.1416	4.3	16
IL2701020012	SDC	IL	X-326 ILTs	744G/S509A14	5S	09	14	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.1416	4.3	11
IL2701020013	SDC	IL	X-326 ILTs	744G/G0702A09	07	02	09	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.1416	4.3	14
IL2701020014	SDC	IL	X-326 ILTs	744G/G0702A11	07	02	11	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.1416	4.3	9
IL2701020015	SDC	IL	X-326 ILTs	744G/G0702A04	07	02	04	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.1416	4.3	13
IL2701020016	SDC	IL	X-326 ILTs	744G/S507A06	5S	07	06	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.1416	4.3	13
IL2701020017	SDC	IL	X-326 ILTs	744G/S507A02	5S	07	02	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.1416	4.3	14
IL2701020018	SDC	IL	X-326 ILTs	744G/S507A10	5S	07	10	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.1416	4.3	8
IL2701020019	SDC	IL	X-326 ILTs	744G/S506A03	5S	06	03	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.1416	4.3	14
IL2701020020	SDC	IL	X-326 ILTs	744G/S504A05	5S	04	05	254	lb		17 lb	9.6 lb	9.6 lb	7.4	0.1416	4.3	5
IL2701020021	SDC	IL	X-326 ILTs	744G/S506A08	5S	05	08	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.1416	4.3	9
IL2701040001	SDC	IL	X-326 ILTs	744G/G0702A07	07	02	07	254	lb		35 lb	9.6 lb	9.6 lb	25.4	0.0478	12.75	6
IL2701040002	SDC	IL	X-326 ILTs	744G/S506A01	5S	06	01	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0478	12.75	4
IL2701040003	SDC	IL	X-326 ILTs	744G/S505A02	5S	05	02	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0478	12.75	4
IL2701040004	SDC	IL	X-326 ILTs	744G/S506A05	5S	06	05	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0478	12.75	3
IL2701040005	SDC	IL	X-326 ILTs	744G/S505A10	5S	05	10	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0478	12.75	3
IL2701040006	SDC	IL	X-326 ILTs	744G/G0702A01	07	02	01	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0478	12.75	4
IL2701040007	SDC	IL	X-326 ILTs	744G/G0702A06	07	02	06	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0478	12.75	4
IL2701040008	SDC	IL	X-326 ILTs	744G/S506A13	5S	06	13	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0478	12.75	4
IL2701040009	SDC	IL	X-326 ILTs	744G/S506A07	5S	06	07	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0478	12.75	4
IL2701040010	SDC	IL	X-326 ILTs	744G/S504A03	5S	04	03	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.0478	12.75	2
IL2701040011	SDC	IL	X-326 ILTs	744G/G0702A02	07	02	02	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0478	12.75	4
IL2701040012	SDC	IL	X-326 ILTs	744G/G0703A34	07	03	34	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0478	12.75	4
IL2701040013	SDC	IL	X-326 ILTs	744G/S504A07	5S	04	07	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0478	12.75	4
IL2701040014	SDC	IL	X-326 ILTs	744G/G0702A08	07	02	08	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0478	12.75	3
IL2701040015	SDC	IL	X-326 ILTs	744G/S505A12	5S	05	12	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0478	12.75	3

ContainerId	Container Type	Size Code	Description/Lot	Location	Loc Section	Loc Row	Loc Positio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	Net Weight	Purity	Assay	Grams
IL2701040016	SDC	IL	X-326 ILTs	744G/S505A06	5S	05	06	254	lb		18 lb	9.6 lb	9.6 lb	8.4	0.0478	12.75	2
IL2701040017	SDC	IL	X-326 ILTs	744G/S504A09	5S	04	09	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0478	12.75	2
IL2701040018	SDC	IL	X-326 ILTs	744G/S503A26	5S	03	26	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0478	12.75	3
IL2701040019	SDC	IL	X-326 ILTs	744G/S0703A32	07	03	32	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0478	12.75	5
IL2701040020	SDC	IL	X-326 ILTs	744G/S0703A33	07	03	33	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0478	12.75	3
IL2701040021	SDC	IL	X-326 ILTs	744G/S0702A03	07	02	03	254	lb		19.4 lb	9.6 lb	9.6 lb	19.4	0.0478	12.75	4
IL2701040024	SDC	IL	X-326 ILTs	744G/S0703A30	07	03	30	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0478	12.75	3
IL2701040025	SDC	IL	X-326 ILTs	744G/S0703A24	07	03	24	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0478	12.75	4
IL2701060005	SDC	IL	X-326 ILTs	744G/S5W30A05	5W	30	05	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0487	12.5	4
IL2701060006	SDC	IL	X-326 ILTs	744G/S5W30A03	5W	30	03	254	lb		33 lb	9.6 lb	9.6 lb	23.4	0.0487	12.5	5
IL2701080001	SDC	IL	X-326 ILTs	744G/S5W15A02	5W	15	02	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0497	12.25	3
IL2701080002	SDC	IL	X-326 ILTs	744G/S5W30A02	5W	30	02	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0497	12.25	4
IL2701080003	SDC	IL	X-326 ILTs	744G/S505A14	5S	05	14	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0497	12.25	4
IL2701080004	SDC	IL	X-326 ILTs	744G/S5W30A04	5W	30	04	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0497	12.25	4
IL2701080005	SDC	IL	X-326 ILTs	744G/S5W16A14	5W	16	14	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0497	12.25	4
IL2701080006	SDC	IL	X-326 ILTs	744G/S504A01	5S	04	01	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0497	12.25	4
IL2701080007	SDC	IL	X-326 ILTs	744G/S5W14A11	5W	14	11	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0497	12.25	3
IL2701080008	SDC	IL	X-326 ILTs	744G/S5W16A12	5W	16	12	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0497	12.25	4
IL2701080009	SDC	IL	X-326 ILTs	744G/S5W14A10	5W	14	10	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0497	12.25	3
IL2701080010	SDC	IL	X-326 ILTs	744G/S5W30A01	5W	30	01	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0497	12.25	3
IL2701080011	SDC	IL	X-326 ILTs	744G/S5W16A01	5W	16	01	254	lb		19 lb	9.6 lb	9.6 lb	9.4	0.0497	12.25	2
IL2701080012	SDC	IL	X-326 ILTs	744G/S5W19A14	5W	19	14	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0497	12.25	5
IL2701080013	SDC	IL	X-326 ILTs	744G/S5W17A13	5W	17	13	254	lb		36 lb	9.6 lb	9.6 lb	26.4	0.0497	12.25	6
IL2701080014	SDC	IL	X-326 ILTs	744G/S5W18A12	5S	18	12	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0497	12.25	5
IL2701080015	SDC	IL	X-326 ILTs	744G/S508A09	5S	06	09	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0497	12.25	5
IL2701080016	SDC	IL	X-326 ILTs	744G/S5W29A01	5W	29	01	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0497	12.25	4
IL2701080017	SDC	IL	X-326 ILTs	744G/S505A04	5S	05	04	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0497	12.25	4
IL2701080018	SDC	IL	X-326 ILTs	744G/S5W16A04	5W	16	04	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0497	12.25	5
IL2701080019	SDC	IL	X-326 ILTs	744G/S507A14	5S	07	14	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0497	12.25	4
IL2701080020	SDC	IL	X-326 ILTs	744G/S508A11	5S	06	11	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0497	12.25	4
IL2701080021	SDC	IL	X-326 ILTs	744G/S513A15	5S	13	15	254	lb		9.4 lb	9.6 lb	9.4 lb	8.4	0.0497	12.25	2
IL2701080022	SDC	IL	X-326 ILTs	744G/S513A13	5S	13	13	254	lb		18 lb	9.6 lb	9.6 lb	8.4	0.0497	12.25	2
IL2701080023	SDC	IL	X-326 ILTs	744G/S514A04	5S	14	04	254	lb		15 lb	9.6 lb	9.6 lb	5.4	0.0497	12.25	1
IL2701080024	SDC	IL	X-326 ILTs	744G/S512A10	5S	12	10	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.0497	12.25	2
IL2701080025	SDC	IL	X-326 ILTs	744G/S513A11	5S	13	11	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.0497	12.25	2
IL2701080026	SDC	IL	X-326 ILTs	744G/S513A05	5S	13	05	254	lb		18 lb	9.6 lb	9.6 lb	8.4	0.0497	12.25	2
IL2701080027	SDC	IL	X-326 ILTs	744G/S514A06	5S	14	06	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0497	12.25	3
IL2701080028	SDC	IL	X-326 ILTs	744G/S5W18A14	5W	18	14	254	lb		18 lb	9.6 lb	9.6 lb	8.4	0.0497	12.25	2
IL2701080029	SDC	IL	X-326 ILTs	744G/S5W18A11	5W	18	11	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.0497	12.25	2
IL2701080030	SDC	IL	X-326 ILTs	744G/S512A08	5S	12	08	254	lb		15 lb	9.6 lb	9.6 lb	5.4	0.0497	12.25	1
IL2701080031	SDC	IL	X-326 ILTs	744G/S513A09	5S	13	09	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0497	12.25	4
IL2701080032	SDC	IL	X-326 ILTs	744G/S512A06	5S	12	06	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0497	12.25	3
IL2701080033	SDC	IL	X-326 ILTs	744G/S0702A05	07	02	05	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0497	12.25	3
IL2701080034	SDC	IL	X-326 ILTs	744G/S513A01	5S	13	01	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0497	12.25	4
IL2701080035	SDC	IL	X-326 ILTs	744G/S0703A25	07	03	25	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0497	12.25	4
IL2701080036	SDC	IL	X-326 ILTs	744G/S5W16A10	5W	16	10	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0497	12.25	5
IL2701080037	SDC	IL	X-326 ILTs	744G/S514A02	5S	14	02	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0497	12.25	5
IL2701080038	SDC	IL	X-326 ILTs	744G/S514A12	5S	14	12	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0497	12.25	4
IL2701080039	SDC	IL	X-326 ILTs	744G/S0703A31	07	03	31	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0497	12.25	3
IL2701080040	SDC	IL	X-326 ILTs	744G/S514A10	5S	14	10	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0497	12.25	3
IL2701080041	SDC	IL	X-326 ILTs	744G/S514A08	5S	14	08	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0497	12.25	5
IL2701080042	SDC	IL	X-326 ILTs	744G/S512A02	5S	12	02	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0497	12.25	5
IL2701080043	SDC	IL	X-326 ILTs	744G/S514A14	5S	14	14	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0497	12.25	5
IL2701080044	SDC	IL	X-326 ILTs	744G/S512A04	5S	12	04	254	lb		36 lb	9.6 lb	9.6 lb	26.4	0.0497	12.25	6
IL2701080045	SDC	IL	X-326 ILTs	744G/S0703A27	07	03	27	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0497	12.25	5
IL2701080046	SDC	IL	X-326 ILTs	744G/S513A03	5S	13	03	254	lb		33 lb	9.6 lb	9.6 lb	23.4	0.0497	12.25	5
IL2701080047	SDC	IL	X-326 ILTs	744G/S513A07	5S	13	07	254	lb		33 lb	9.6 lb	9.6 lb	23.4	0.0497	12.25	5
IL2701080048	SDC	IL	X-326 ILTs	744G/S5W25A11	5W	25	11	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0497	12.25	5
IL2701080049	SDC	IL	X-326 ILTs	744G/S5W30A06	5W	30	06	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0497	12.25	4
IL2701080050	SDC	IL	X-326 ILTs	744G/S5W01A05	5W	01	05	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0497	12.25	5
IL2701080051	SDC	IL	X-326 ILTs	744G/S0703A29	07	03	29	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0497	12.25	4
IL2701080052	SDC	IL	X-326 ILTs	744G/S5W24A05	5W	24	05	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0497	12.25	5
IL2701080053	SDC	IL	X-326 ILTs	744G/S5W24A01	5W	24	01	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0497	12.25	5
IL2701080054	SDC	IL	X-326 ILTs	744G/S5E02A01	5E	02	01	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0497	12.25	4
IL2701080055	SDC	IL	X-326 ILTs	744G/S5W24A02	5W	24	02	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0497	12.25	5
IL2701080056	SDC	IL	X-326 ILTs	744G/S0703A28	07	03	28	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0497	12.25	5
IL2701080057	SDC	IL	X-326 ILTs	744G/S5W25A05	5W	25	05	254	lb		35 lb	9.6 lb	9.6 lb	25.4	0.0497	12.25	6
IL2701080058	SDC	IL	X-326 ILTs	744G/S5W24A04	5W	24	04	254	lb		33 lb	9.6 lb	9.6 lb	23.4	0.0497	12.25	5

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
IL2701080059	SDC	IL	X-326 ILTs	744G5W09A08	5W	09	08	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0497	12.25	5
IL2701080060	SDC	IL	X-326 ILTs	744G5W25A10	5W	25	10	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0497	12.25	5
IL2701080061	SDC	IL	X-326 ILTs	744G0705A23	07	05	23	254	lb		28 lb	18.4	0.0508	12			4
IL2701080062	SDC	IL	X-326 ILTs	744G0703A35	07	03	35	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0497	12.25	5
IL2701080063	SDC	IL	X-326 ILTs	744G5W25A07	5W	25	07	254	lb		24 lb	14.4	0.0497	12.25			3
IL2701080064	SDC	IL	X-326 ILTs	744G5W25A04	5W	25	04	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0497	12.25	3
IL2701080065	SDC	IL	X-326 ILTs	744G5W25A09	5W	25	09	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0497	12.25	3
IL2701080066	SDC	IL	X-326 ILTs	744G5W24A03	5W	24	03	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0497	12.25	3
IL2701080067	SDC	IL	X-326 ILTs	744G5W25A13	5W	25	13	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0497	12.25	4
IL2701080068	SDC	IL	X-326 ILTs	744G5W25A12	5W	25	12	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0497	12.25	5
IL2701080069	SDC	IL	X-326 ILTs	744G0703A19	07	03	19	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0497	12.25	4
IL2701080070	SDC	IL	X-326 ILTs	744G5W25A08	5W	25	08	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0497	12.25	4
IL2701080071	SDC	IL	X-326 ILTs	744G0703A04	07	03	04	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0497	12.25	4
IL2701080072	SDC	IL	X-326 ILTs	744G5W24A07	5W	24	07	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0497	12.25	4
IL2701080073	SDC	IL	X-326 ILTs	744G5W02A10	5W	02	10	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0497	12.25	4
IL2701080074	SDC	IL	X-326 ILTs	744G5W25A14	5W	25	14	254	lb		20 lb	10.4	0.0497	12.25			2
IL2701080075	SDC	IL	X-326 ILTs	744G5W25A03	5W	25	03	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0497	12.25	4
IL2701080076	SDC	IL	X-326 ILTs	744G5W01A04	5W	01	04	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0497	12.25	3
IL2701080077	SDC	IL	X-326 ILTs	744G5W01A13	5W	01	13	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0497	12.25	4
IL2701080078	SDC	IL	X-326 ILTs	744G5W10A02	5W	10	02	254	lb		19 lb	9.4	0.0497	12.25			2
IL2701080079	SDC	IL	X-326 ILTs	744G5W10A04	5W	10	04	254	lb		19 lb	9.4	0.0497	12.25			2
IL2701080080	SDC	IL	X-326 ILTs	744G5W02A07	5W	02	07	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0497	12.25	3
IL2701080081	SDC	IL	X-326 ILTs	744G5W09A09	5W	09	09	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0497	12.25	3
IL2701080082	SDC	IL	X-326 ILTs	744G5W10A08	5W	10	08	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0497	12.25	4
IL2701080083	SDC	IL	X-326 ILTs	744G5W10A05	5W	10	05	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0497	12.25	3
IL2701080084	SDC	IL	X-326 ILTs	744G5W01A07	5W	01	07	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0497	12.25	4
IL2701080085	SDC	IL	X-326 ILTs	744G5W10A03	5W	10	03	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0497	12.25	4
IL2701080086	SDC	IL	X-326 ILTs	744G5W01A15	5W	01	15	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.0497	12.25	2
IL2701080087	SDC	IL	X-326 ILTs	744G5W10A07	5W	10	07	254	lb		19 lb	9.6 lb	9.6 lb	9.4	0.0497	12.25	2
IL2701080088	SDC	IL	X-326 ILTs	744G5W10A06	5W	10	06	254	lb		17 lb	7.4	0.0497	12.25			2
IL2701080089	SDC	IL	X-326 ILTs	744G5W02A08	5W	02	08	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0497	12.25	3
IL2701080091	SDC	IL	X-326 ILTs	744G5E01A01	5E	01	01	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0497	12.25	3
IL2701080092	SDC	IL	X-326 ILTs	744G5W10A01	5W	10	01	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0497	12.25	4
IL2701080093	SDC	IL	X-326 ILTs	744G5W25A06	5W	25	06	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0497	12.25	3
IL2701080094	SDC	IL	X-326 ILTs	744G5W25A15	5W	25	15	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0497	12.25	4
IL2701080095	SDC	IL	X-326 ILTs	744G0703A06	07	03	06	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0497	12.25	3
IL2701080096	SDC	IL	X-326 ILTs	744G5W24A06	5W	24	06	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0497	12.25	4
IL2701080097	SDC	IL	X-326 ILTs	744G0703A18	07	03	18	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0497	12.25	3
IL2701080098	SDC	IL	X-326 ILTs	744G5E03A13	5E	03	13	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0497	12.25	3
IL2701080099	SDC	IL	X-326 ILTs	744G5S02A12	5S	02	12	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0497	12.25	3
IL2701080100	SDC	IL	X-326 ILTs	744G5S01A08	5S	01	08	254	lb		15 lb	5.4	0.0497	12.25			1
IL2701080101	SDC	IL	X-326 ILTs	744G5E04A01	5E	04	01	254	lb		17 lb	7.4	0.0497	12.25			2
IL2701080102	SDC	IL	X-326 ILTs	744G5S02A13	5S	02	13	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0497	12.25	3
IL2701080103	SDC	IL	X-326 ILTs	744G5E04A09	5E	04	09	254	lb		17 lb	7.4	0.0497	12.25			2
IL2701080104	SDC	IL	X-326 ILTs	744G5S01A03	5S	01	03	254	lb		18 lb	9.6 lb	9.6 lb	8.4	0.0497	12.25	2
IL2701080105	SDC	IL	X-326 ILTs	744G5S02A14	5S	02	14	254	lb		16 lb	9.6 lb	9.6 lb	6.4	0.0497	12.25	1
IL2701080106	SDC	IL	X-326 ILTs	744G5E03A12	5E	03	12	254	lb		34 lb	9.6 lb	9.6 lb	24.4	0.0497	12.25	6
IL2701080107	SDC	IL	X-326 ILTs	744G5E05A11	5E	05	11	254	lb		18 lb	9.6 lb	9.6 lb	8.4	0.0497	12.25	2
IL2701080108	SDC	IL	X-326 ILTs	744G5E04A07	5E	04	07	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0497	12.25	3
IL2701080109	SDC	IL	X-326 ILTs	744G5E04A06	5E	04	06	254	lb		19 lb	9.6 lb	9.6 lb	9.4	0.0497	12.25	2
IL2701080110	SDC	IL	X-326 ILTs	744G5E05A10	5E	05	10	254	lb		17 lb	9.6 lb	9.6 lb	7.4	0.0497	12.25	2
IL2701080111	SDC	IL	X-326 ILTs	744G5E07A01	5E	07	01	254	lb		17 lb	9.6 lb	9.6 lb	7.4	0.0497	12.25	2
IL2701080112	SDC	IL	X-326 ILTs	744G5E09A15	5E	09	15	254	lb		17 lb	9.6 lb	9.6 lb	7.4	0.0497	12.25	2
IL2701080113	SDC	IL	X-326 ILTs	744G5E09A12	5E	09	12	254	lb		17 lb	9.6 lb	9.6 lb	7.4	0.0497	12.25	2
IL2701080114	SDC	IL	X-326 ILTs	744G5E10A01	5E	10	01	254	lb		17 lb	9.6 lb	9.6 lb	7.4	0.0497	12.25	2
IL2701080115	SDC	IL	X-326 ILTs	744G5S01A12	5S	01	12	254	lb		10 lb	9.6 lb	9.6 lb	0.4	0.0497	12.25	0
IL2701080116	SDC	IL	X-326 ILTs	744G5E12A13	5E	12	13	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0508	12	3
IL2701080117	SDC	IL	X-326 ILTs	744G5E12A11	5E	12	11	254	lb		18 lb	9.6 lb	9.6 lb	8.4	0.0508	12	2
IL2701080118	SDC	IL	X-326 ILTs	744G5E12A04	5E	12	04	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0508	12	3
IL2701080119	SDC	IL	X-326 ILTs	744G5S01A15	5S	01	15	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0508	12	3
IL2701080120	SDC	IL	X-326 ILTs	744G5W22A05	5W	22	02	254	lb		9.6 lb	9.6 lb	9.6 lb	12.4	0.0508	12	3
IL2701080121	SDC	IL	X-326 ILTs	744G5E12A02	5E	12	05	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0508	12	3
IL2701080122	SDC	IL	X-326 ILTs	744G5W22A01	5W	22	01	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0508	12	4
IL2701080123	SDC	IL	X-326 ILTs	744G5E11A15	5E	11	15	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.0508	12	2
IL2701080124	SDC	IL	X-326 ILTs	744G5E11A15	5E	11	11	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0508	12	3
IL2701080125	SDC	IL	X-326 ILTs	744G5S01A13	5S	01	13	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0508	12	4
IL2701080126	SDC	IL	X-326 ILTs	744G5S01A06	5S	01	06	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0508	12	3
IL2701080127	SDC	IL	X-326 ILTs	744G5S01A10	5S	01	10	254	lb		39 lb	9.6 lb	9.6 lb	29.4	0.0508	12	7

ContainerId	Container Type	Size Code	Description/Lot	Location	Loc Section	Loc Row	Loc Positio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	Net Weight	Purity	Assay	Grams
IL2701100024	SDC	IL	X-326 ILTs	744G#S01A09	5S	01	09	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0508	12	3
IL2701100025	SDC	IL	X-326 ILTs	744G#0703A17	07	03	17	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0508	12	3
IL2701100026	SDC	IL	X-326 ILTs	744G#S01A11	5S	01	11	254	lb		21 lb	9.6 lb	9.6 lb	5.4	0.0508	12	1
IL2701100027	SDC	IL	X-326 ILTs	744G#0703A16	07	03	16	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0508	12	4
IL2701100028	SDC	IL	X-326 ILTs	744G#0703A20	07	03	20	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0508	12	3
IL2701100029	SDC	IL	X-326 ILTs	744G#0703A21	07	03	21	254	lb		21 lb	9.6 lb	9.6 lb	7.4	0.0508	12	2
IL2701100030	SDC	IL	X-326 ILTs	744G#0705A21	07	05	21	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0508	12	3
IL2701150018	SDC	IL	X-326 ILTs	744G#S01A05	5S	01	05	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.1218	5	6
IL2701150019	SDC	IL	X-326 ILTs	744G#S01A01	5S	01	01	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.1218	5	9
IL2701150020	SDC	IL	X-326 ILTs	744G#S01A14	5S	01	14	254	lb		35 lb	9.6 lb	9.6 lb	25.4	0.1218	5	14
IL2701150021	SDC	IL	X-326 ILTs	744G#S01A07	5S	01	07	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.1218	5	6
IL2701150022	SDC	IL	X-326 ILTs	744G#S01A02	5S	01	02	254	lb		19 lb	9.6 lb	9.6 lb	9.4	0.1218	5	5
IL2701150023	SDC	IL	X-326 ILTs	744G#S01A04	5S	01	04	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.1218	5	7
IL2701150024	SDC	IL	X-326 ILTs	744G#5W23A11	5W	23	11	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.1218	5	6
IL2701150025	SDC	IL	X-326 ILTs	744G#5W23A02	5W	23	02	254	lb		15 lb	9.6 lb	9.6 lb	5.4	0.1218	5	3
IL2701150026	SDC	IL	X-326 ILTs	744G#5W23A04	5W	23	04	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.1218	5	11
IL2701150027	SDC	IL	X-326 ILTs	744G#5W23A03	5W	23	03	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.1218	5	7
IL2701150028	SDC	IL	X-326 ILTs	744G#0703A22	07	03	22	254	lb		14 lb	9.6 lb	9.6 lb	4.4	0.1218	5	2
IL2701180001	SDC	IL	X-326 ILTs	744G#5W23A08	5W	23	08	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.0554	11	5
IL2701180002	SDC	IL	X-326 ILTs	744G#5W23A09	5W	23	09	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0554	11	5
IL2701180003	SDC	IL	X-326 ILTs	744G#5W23A06	5W	23	06	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0554	11	5
IL2701180004	SDC	IL	X-326 ILTs	744G#5E12A02	5E	12	02	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0554	11	4
IL2701180005	SDC	IL	X-326 ILTs	744G#5W23A12	5W	23	12	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0554	11	5
IL2701180006	SDC	IL	X-326 ILTs	744G#5W24A15	5W	24	15	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0554	11	4
IL2701180007	SDC	IL	X-326 ILTs	744G#5W24A11	5W	24	11	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0554	11	5
IL2701180008	SDC	IL	X-326 ILTs	744G#5E12A12	5E	12	12	254	lb		33 lb	9.6 lb	9.6 lb	23.4	0.0554	11	6
IL2701180009	SDC	IL	X-326 ILTs	744G#5W23A10	5W	23	10	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0554	11	3
IL2701180010	SDC	IL	X-326 ILTs	744G#5W23A15	5W	23	15	254	lb		38 lb	9.6 lb	9.6 lb	28.4	0.0554	11	7
IL2701180011	SDC	IL	X-326 ILTs	744G#5E23A15	5E	23	15	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0554	11	6
IL2701180012	SDC	IL	X-326 ILTs	744G#5E24A01	5E	24	01	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0554	11	5
IL2701180013	SDC	IL	X-326 ILTs	744G#5W24A13	5W	24	13	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0554	11	5
IL2701180014	SDC	IL	X-326 ILTs	744G#0701A02	07	01	02	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0554	11	3
IL2701180015	SDC	IL	X-326 ILTs	744G#0705A25	07	05	25	254	lb		36 lb	9.6 lb	9.6 lb	26.4	0.0554	11	7
IL2701180016	SDC	IL	X-326 ILTs	744G#5W23A01	5W	23	01	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0554	11	5
IL2701180017	SDC	IL	X-326 ILTs	744G#5E23A07	5E	23	07	254	lb		11 lb	9.6 lb	9.6 lb	1.4	0.0554	11	0
IL2701180018	SDC	IL	X-326 ILTs	744G#5W23A13	5W	23	13	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0554	11	5
IL2701180019	SDC	IL	X-326 ILTs	744G#5W24A12	5W	24	12	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0554	11	3
IL2701180020	SDC	IL	X-326 ILTs	744G#5W23A07	5W	23	07	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0554	11	3
IL2701180021	SDC	IL	X-326 ILTs	744G#5W23A05	5W	23	05	254	lb		16 lb	9.6 lb	9.6 lb	6.4	0.0554	11	2
IL2701180022	SDC	IL	X-326 ILTs	744G#5W24A14	5W	24	14	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0554	11	3
IL2701200018	SDC	IL	X-326 ILTs	744G#5W23A14	5W	23	14	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0554	11	4
IL2701200019	SDC	IL	X-326 ILTs	744G#5E25A01	5E	25	01	254	lb		19 lb	9.6 lb	9.6 lb	9.4	0.0567	10.75	2
IL2701200019	SDC	IL	X-326 ILTs	744G#5E24A15	5E	24	15	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0567	10.75	3
IL2701200020	SDC	IL	X-326 ILTs	744G#5E23A13	5E	23	13	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0567	10.75	5
IL2701200021	SDC	IL	X-326 ILTs	744G#5W26A14	5W	26	14	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0567	10.75	3
IL2701200022	SDC	IL	X-326 ILTs	744G#5E24A07	5E	24	07	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0567	10.75	3
IL2701200023	SDC	IL	X-326 ILTs	744G#5E23A14	5E	23	14	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0567	10.75	3
IL2701200024	SDC	IL	X-326 ILTs	744G#5E22A11	5E	22	11	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.0567	10.75	3
IL2701200025	SDC	IL	X-326 ILTs	744G#5E24A14	5E	24	14	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0567	10.75	3
IL2701200026	SDC	IL	X-326 ILTs	744G#0701A04	07	01	04	254	lb		17 lb	9.6 lb	9.6 lb	7.4	0.0567	10.75	2
IL2701200027	SDC	IL	X-326 ILTs	744G#5E24A13	5E	24	13	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.0567	10.75	3
IL2701200028	SDC	IL	X-326 ILTs	744G#5E24A05	5E	24	05	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0567	10.75	3
IL2701200029	SDC	IL	X-326 ILTs	744G#5E24A10	5E	24	10	254	lb		14 lb	9.6 lb	9.6 lb	4.4	0.0567	10.75	1
IL2701300001	SDC	IL	X-326 ILTs	744G#5W27A15	5W	27	15	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.1218	5	10
IL2701300002	SDC	IL	X-326 ILTs	744G#0703A23	07	03	23	254	lb		29 lb	9.6 lb	9.6 lb	19.4	0.1218	5	11
IL2701300003	SDC	IL	X-326 ILTs	744G#0703A13	07	03	13	254	lb		34 lb	9.6 lb	9.6 lb	24.4	0.1218	5	13
IL2701300004	SDC	IL	X-326 ILTs	744G#0703A10	07	03	10	254	lb		35 lb	9.6 lb	9.6 lb	25.4	0.1218	5	14
IL2701300005	SDC	IL	X-326 ILTs	744G#0703A08	07	03	08	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.1218	5	12
IL2701300006	SDC	IL	X-326 ILTs	744G#0703A09	07	03	09	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.1218	5	11
IL2701300007	SDC	IL	X-326 ILTs	744G#0703A12	07	03	12	254	lb		34 lb	9.6 lb	9.6 lb	24.4	0.1218	5	13
IL2701300008	SDC	IL	X-326 ILTs	744G#0703A11	07	03	11	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.1218	5	11
IL2701300009	SDC	IL	X-326 ILTs	744G#0703A14	07	03	14	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.1218	5	12
IL2701300010	SDC	IL	X-326 ILTs	744G#0703A15	07	03	15	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.1218	5	12
IL2701300011	SDC	IL	X-326 ILTs	744G#0703A05	07	03	05	254	lb		33 lb	9.6 lb	9.6 lb	23.4	0.1218	5	13
IL2701300012	SDC	IL	X-326 ILTs	744G#0703A07	07	03	07	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.1218	5	9
IL2701300013	SDC	IL	X-326 ILTs	744G#0703A03	07	03	03	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.1218	5	7
IL2701300014	SDC	IL	X-326 ILTs	744G#0704A03	07	04	03	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.1218	5	10
IL2701300015	SDC	IL	X-326 ILTs	744G#5W26A08	5W	26	08	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.1218	5	11

ContainerId	Container Type	Size Code	Description/Lot	Location	Loc Section	Loc Row	Loc Positio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	Net Weight	Purity	Assay	Grams
IL2701300016	SDC	IL	X-326 ILTs	744G0704A02	07	04	02	254	lb		27 lb		9.6 lb	17.4	0.1218		5
IL2701300017	SDC	IL	X-326 ILTs	744G0704A04	07	04	04	254	lb		23 lb		9.6 lb	13.4	0.1218		10
IL2701300018	SDC	IL	X-326 ILTs	744G0704A01	07	04	01	254	lb		26 lb		9.6 lb	16.4	0.1218		7
IL2701300019	SDC	IL	X-326 ILTs	744G0703A01	07	03	01	254	lb		25 lb		9.6 lb	15.4	0.1218		9
IL2701300020	SDC	IL	X-326 ILTs	744G0704A05	07	04	05	254	lb		22 lb		9.6 lb	12.4	0.1218		7
IL2701300021	SDC	IL	X-326 ILTs	744G0703A02	07	03	02	254	lb		21 lb		9.6 lb	11.4	0.1218		6
IL2701300022	SDC	IL	X-326 ILTs	744G5W26A07	5W	26	07	254	lb		24 lb		9.6 lb	14.4	0.1218		5
IL2701300023	SDC	IL	X-326 ILTs	744G5W25A01	5W	25	01	254	lb		26 lb		9.6 lb	16.4	0.1218		8
IL2701300024	SDC	IL	X-326 ILTs	744G5W26A11	5W	26	11	254	lb		25 lb		9.6 lb	15.4	0.1218		5
IL2701300031	SDC	IL	X-326 ILTs	744G5W27A14	5W	27	14	254	lb		21 lb		9.6 lb	11.4	0.1218		6
IL2701300032	SDC	IL	X-326 ILTs	744G5W26A04	5W	26	04	254	lb		23 lb		9.6 lb	13.4	0.1218		5
IL2701300033	SDC	IL	X-326 ILTs	744G5W26A02	5W	26	02	254	lb		25 lb		9.6 lb	15.4	0.1218		7
IL2701300034	SDC	IL	X-326 ILTs	744G5W26A05	5W	26	05	254	lb		32 lb		9.6 lb	22.4	0.1218		9
IL2701300035	SDC	IL	X-326 ILTs	744G5W26A09	5W	26	09	254	lb		24 lb		9.6 lb	14.4	0.1218		5
IL2701300036	SDC	IL	X-326 ILTs	744G5W27A12	5W	27	12	254	lb		29 lb		9.6 lb	19.4	0.1218		8
IL2701300037	SDC	IL	X-326 ILTs	744G5W26A06	5W	26	06	254	lb		30 lb		9.6 lb	20.4	0.1218		11
IL2701300038	SDC	IL	X-326 ILTs	744G5W26A03	5W	26	03	254	lb		28 lb		9.6 lb	18.4	0.1218		5
IL2701300039	SDC	IL	X-326 ILTs	744G0704A08	07	04	08	254	lb		21 lb		9.6 lb	11.4	0.1218		6
IL2701300040	SDC	IL	X-326 ILTs	744G0704A13	07	04	13	254	lb		23 lb		9.6 lb	13.4	0.1218		5
IL2701300041	SDC	IL	X-326 ILTs	744G0704A09	07	04	09	254	lb		25 lb		9.6 lb	15.4	0.1218		7
IL2701300042	SDC	IL	X-326 ILTs	744G0704A11	07	04	11	254	lb		27 lb		9.6 lb	17.4	0.1218		5
IL2701300043	SDC	IL	X-326 ILTs	744G0704A12	07	04	12	254	lb		30 lb		9.6 lb	20.4	0.1218		10
IL2701300044	SDC	IL	X-326 ILTs	744G0704A07	07	04	07	254	lb		25 lb		9.6 lb	15.4	0.1218		5
IL2701300045	SDC	IL	X-326 ILTs	744G5W27A13	5W	27	13	254	lb		26 lb		9.6 lb	16.4	0.1218		9
IL2701300046	SDC	IL	X-326 ILTs	744G0704A10	07	04	10	254	lb		25 lb		9.6 lb	15.4	0.1218		5
IL2701300047	SDC	IL	X-326 ILTs	744G5W26A15	5W	26	15	254	lb		27 lb		9.6 lb	17.4	0.1218		9
IL2701300048	SDC	IL	X-326 ILTs	744G5W26A12	5W	26	12	254	lb		25 lb		9.6 lb	15.4	0.1218		5
IL2701300049	SDC	IL	X-326 ILTs	744G5W26A13	5W	26	13	254	lb		27 lb		9.6 lb	17.4	0.1218		9
IL2701300050	SDC	IL	X-326 ILTs	744G5W25A02	5W	25	02	254	lb		29 lb		9.6 lb	19.4	0.1218		10
IL2701300051	SDC	IL	X-326 ILTs	744G5W26A10	5W	26	10	254	lb		24 lb		9.6 lb	14.4	0.1218		5
IL2701300052	SDC	IL	X-326 ILTs	744G0704A17	07	04	17	254	lb		28 lb		9.6 lb	18.4	0.1218		8
IL2701300053	SDC	IL	X-326 ILTs	744G0704A15	07	04	15	254	lb		26 lb		9.6 lb	16.4	0.1218		5
IL2701300054	SDC	IL	X-326 ILTs	744G0704A14	07	04	14	254	lb		33 lb		9.6 lb	23.4	0.1218		9
IL2701300055	SDC	IL	X-326 ILTs	744G0704A06	07	04	06	254	lb		22 lb		9.6 lb	12.4	0.1218		5
IL2701300056	SDC	IL	X-326 ILTs	744G0704A16	07	04	16	254	lb		27 lb		9.6 lb	17.4	0.1218		7
IL2701300057	SDC	IL	X-326 ILTs	744G0704A21	07	04	21	254	lb		27 lb		9.6 lb	17.4	0.1218		10
IL2701300058	SDC	IL	X-326 ILTs	744G5S07A07	5S	07	07	254	lb		21 lb		9.6 lb	11.4	0.1218		5
IL2701300059	SDC	IL	X-326 ILTs	744G5S07A01	5S	07	01	254	lb		32 lb		9.6 lb	22.4	0.1218		6
IL2701300060	SDC	IL	X-326 ILTs	744G5S07A03	5S	07	03	254	lb		24 lb		9.6 lb	14.4	0.1218		5
IL2701300061	SDC	IL	X-326 ILTs	744G0704A20	07	04	20	254	lb		18 lb		9.6 lb	8.4	0.1218		8
IL2701300062	SDC	IL	X-326 ILTs	744G5S06A10	5S	06	10	254	lb		21 lb		9.6 lb	11.4	0.1218		5
IL2701300063	SDC	IL	X-326 ILTs	744G5S06A02	5S	06	02	254	lb		10 lb		9.6 lb	0.4	0.1218		0
IL2701300064	SDC	IL	X-326 ILTs	744G5S07A15	5S	07	15	254	lb		11 lb		9.6 lb	1.4	0.1218		1
IL2702007000	SDC	IL	X-326 ILTs	744G9E01A06	5E	01	06	254	lb		22.12 lb		9.6 lb	12.52	0.0243	25.4	1
IL2702007001	SDC	IL	X-326 ILTs	744G9E01A14	5E	01	14	254	lb		23.865 lb		9.6 lb	14.265	0.0238	25.4	2
IL2702007002	SDC	IL	X-326 ILTs	744G9E01A13	5E	01	13	254	lb		20.735 lb		9.6 lb	11.135	0.0242	25.4	1
IL2702007003	SDC	IL	X-326 ILTs	744G9E02A02	5E	02	02	254	lb		19.8 lb		9.6 lb	10.2	0.0238	25.4	1
IL2702007004	SDC	IL	X-326 ILTs	744G9E01A15	5E	01	15	254	lb		22.595 lb		9.6 lb	12.995	0.0241	25.4	1
IL2702007005	SDC	IL	X-326 ILTs	744G9E01A10	5E	01	10	254	lb		21.355 lb		9.6 lb	11.755	0.0236	25.4	1
IL2702007006	SDC	IL	X-326 ILTs	744G9E01A05	5E	01	05	254	lb		21.985 lb		9.6 lb	12.385	0.0239	25.4	1
IL2702007007	SDC	IL	X-326 ILTs	744G9E02A03	5E	02	03	254	lb		20.85 lb		9.6 lb	11.25	0.0239	25.4	1
IL2702007008	SDC	IL	X-326 ILTs	744G9E01A07	5E	01	07	254	lb		26.815 lb		9.6 lb	17.215	0.0242	25.4	2
IL2702007009	SDC	IL	X-326 ILTs	744G9E01A09	5E	01	09	254	lb		20.87 lb		9.6 lb	11.27	0.0239	25.4	1
IL2702007010	SDC	IL	X-326 ILTs	744G9E01A12	5E	01	12	254	lb		20.565 lb		9.6 lb	10.965	0.0237	25.4	1
IL2702007011	SDC	IL	X-326 ILTs	744G9E02A10	5E	02	10	254	lb		22.11 lb		9.6 lb	12.51	0.0243	25.4	1
IL2702007012	SDC	IL	X-326 ILTs	744G9E02A13	5E	02	13	254	lb		22.11 lb		9.6 lb	12.51	0.0243	25.4	1
IL2702007013	SDC	IL	X-326 ILTs	744G9E02A12	5E	02	12	254	lb		23.005 lb		9.6 lb	13.405	0.024	25.4	1
IL2702007014	SDC	IL	X-326 ILTs	744G9E02A11	5E	02	11	254	lb		14.925 lb		9.6 lb	5.325	0.0244	25.4	1
IL2702007015	SDC	IL	X-326 ILTs	744G9E01A11	5E	01	11	254	lb		29.285 lb		9.6 lb	19.685	0.0239	25.4	2
IL2702007016	SDC	IL	X-326 ILTs	744G9E02A08	5E	02	08	254	lb		28.59 lb		9.6 lb	18.99	0.0238	25.4	2
IL2702007017	SDC	IL	X-326 ILTs	744G9E02A07	5E	02	07	254	lb		25.98 lb		9.6 lb	16.38	0.0238	25.4	2
IL2702007018	SDC	IL	X-326 ILTs	744G9E02A09	5E	02	09	254	lb		23.55 lb		9.6 lb	13.95	0.0243	25.4	2
IL2702007019	SDC	IL	X-326 ILTs	744G9E02A06	5E	02	06	254	lb		28.715 lb		9.6 lb	19.115	0.0241	25.4	2
IL2702007020	SDC	IL	X-326 ILTs	744G5W12A14	5W	12	14	254	lb		29.11 lb		9.6 lb	19.51	0.0241	25.4	2
IL2702007021	SDC	IL	X-326 ILTs	744G9E03A03	5E	03	03	254	lb		26.565 lb		9.6 lb	16.965	0.024	25.4	2
IL2702007022	SDC	IL	X-326 ILTs	744G9E03A02	5E	03	02	254	lb		19.59 lb		9.6 lb	9.99	0.0243	25.4	1
IL2702007023	SDC	IL	X-326 ILTs	744G5W12A10	5W	12	10	254	lb		27.11 lb		9.6 lb	17.51	0.0238	25.4	2
IL2702007024	SDC	IL	X-326 ILTs	744G5W13A14	5W	13	14	254	lb		23.84 lb		9.6 lb	14.24	0.0238	25.4	2

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
IL2702007025	SDC	IL	X-326 ILTs	744G5W12A15	5W	12	15	254	lb	28.935	lb	9.6	19.335	0.0237	25.4	2	
IL2702007026	SDC	IL	X-326 ILTs	744G5W13A13	5W	13	13	254	lb	19.09	lb	9.6	9.49	0.0237	25.4	1	
IL2702007027	SDC	IL	X-326 ILTs	744G5W12A08	5W	12	08	254	lb	29.01	lb	9.6	19.41	0.0242	25.4	2	
IL2702007028	SDC	IL	X-326 ILTs	744G5W12A07	5W	12	07	254	lb	24.325	lb	9.6	14.725	0.0241	25.4	2	
IL2702007029	SDC	IL	X-326 ILTs	744G5W11A01	5W	11	01	254	lb	20.045	lb	9.6	10.445	0.0241	25.4	1	
IL2702007030	SDC	IL	X-326 ILTs	744G5E02A05	5E	02	05	254	lb	25.125	lb	9.6	15.525	0.024	25.4	2	
IL2702007031	SDC	IL	X-326 ILTs	744G5E02A04	5E	02	04	254	lb	27.155	lb	9.6	17.555	0.0237	25.4	2	
IL2702007032	SDC	IL	X-326 ILTs	744G5E03A06	5E	03	06	254	lb	13.165	lb	9.6	3.565	0.0241	25.4	0	
IL2702007038	SDC	IL	X-326 ILTs	744G5S11A13	5S	11	13	254	lb	30.82	lb	9.6	21.22	0.0241	25.4	2	
IL2702007039	SDC	IL	X-326 ILTs	744G5W30A08	5W	30	08	254	lb	29.12	lb	9.6	19.52	0.0241	25.4	2	
IL2702007040	SDC	IL	X-326 ILTs	744G5W30A14	5W	30	14	254	lb	25.01	lb	9.6	15.41	0.0242	25.4	2	
IL2702008023	SDC	IL	X-326 ILTs	744G5W30A09	5W	30	09	254	lb	20.5	lb	9.6	10.9	0.0239	25.4	1	
IL2702008024	SDC	IL	X-326 ILTs	744G5E01A04	5E	01	04	254	lb	20.22	lb	9.6	10.62	0.0237	25.4	1	
IL2702008025	SDC	IL	X-326 ILTs	744G5W30A10	5W	30	10	254	lb	23.74	lb	9.6	14.14	0.024	25.4	2	
IL2702009000	SDC	IL	X-326 ILTs	744G5W11A06	5W	11	06	254	lb	29.35	lb	9.6	19.75	0.0242	25.4	2	
IL2702009001	SDC	IL	X-326 ILTs	744G5W11A03	5W	11	03	254	lb	29.165	lb	9.6	19.565	0.024	25.4	2	
IL2702009003	SDC	IL	X-326 ILTs	744G5E03A10	5E	03	10	254	lb	28.395	lb	9.6	18.795	0.024	25.4	2	
IL2702010001	SDC	IL	X-326 ILTs	744G5E24A03	5E	24	03	254	lb	26	lb	9.6	16.4	0.0458	13.3	3	
IL2702010002	SDC	IL	X-326 ILTs	744G07004A18	07	04	18	254	lb	23	lb	9.6	13.4	0.0458	13.3	3	
IL2702010003	SDC	IL	X-326 ILTs	744G07004A23	07	04	23	254	lb	29	lb	9.6	19.4	0.0458	13.3	4	
IL2702010004	SDC	IL	X-326 ILTs	744G5S06A12	5S	06	12	254	lb	27	lb	9.6	17.4	0.0458	13.3	4	
IL2702010005	SDC	IL	X-326 ILTs	744G5S05A05	5S	05	05	254	lb	24	lb	9.6	14.4	0.0458	13.3	3	
IL2702010006	SDC	IL	X-326 ILTs	744G5S06A08	5S	06	08	254	lb	26	lb	9.6	16.4	0.0458	13.3	3	
IL2702010007	SDC	IL	X-326 ILTs	744G07004A25	07	04	25	254	lb	27	lb	9.6	17.4	0.0458	13.3	4	
IL2702010008	SDC	IL	X-326 ILTs	744G07004A24	07	04	24	254	lb	30	lb	9.6	20.4	0.0458	13.3	3	
IL2702010009	SDC	IL	X-326 ILTs	744G07004A19	07	04	19	254	lb	30	lb	9.6	20.4	0.0458	13.3	4	
IL2702010010	SDC	IL	X-326 ILTs	744G5S06A14	5S	06	14	254	lb	26	lb	9.6	16.4	0.0458	13.3	4	
IL2702010011	SDC	IL	X-326 ILTs	744G5S08A14	5S	08	14	254	lb	26	lb	9.6	16.4	0.0458	13.3	3	
IL2702010012	SDC	IL	X-326 ILTs	744G5E24A12	5E	24	12	254	lb	36	lb	9.6	26.4	0.0458	13.3	5	
IL2702010013	SDC	IL	X-326 ILTs	744G5S06A06	5S	06	06	254	lb	29	lb	9.6	19.4	0.0458	13.3	4	
IL2702010014	SDC	IL	X-326 ILTs	744G5S07A09	5S	07	09	254	lb	29	lb	9.6	19.4	0.0458	13.3	4	
IL2702010015	SDC	IL	X-326 ILTs	744G5S05A01	5S	05	01	254	lb	27	lb	9.6	17.4	0.0458	13.3	4	
IL2702010016	SDC	IL	X-326 ILTs	744G5E24A02	5E	24	02	254	lb	22	lb	9.6	12.4	0.0458	13.3	3	
IL2702010017	SDC	IL	X-326 ILTs	744G5S07A11	5S	07	11	254	lb	25	lb	9.6	15.4	0.0458	13.3	3	
IL2702010018	SDC	IL	X-326 ILTs	744G5S08A12	5S	08	12	254	lb	22	lb	9.6	12.4	0.0458	13.3	3	
IL2702010019	SDC	IL	X-326 ILTs	744G07004A22	07	04	22	254	lb	22	lb	9.6	12.4	0.0458	13.3	3	
IL2702010020	SDC	IL	X-326 ILTs	744G5S05A03	5S	05	03	254	lb	21	lb	9.6	11.4	0.0458	13.3	2	
IL2702010021	SDC	IL	X-326 ILTs	744G0701A03	07	01	03	254	lb	26	lb	9.6	16.4	0.0458	13.3	3	
IL2702010022	SDC	IL	X-326 ILTs	744G5S07A13	5S	07	13	254	lb	19	lb	9.6	9.4	0.0458	13.3	2	
IL2702010023	SDC	IL	X-326 ILTs	744G5S06A04	5S	06	04	254	lb	17	lb	9.6	7.4	0.0458	13.3	2	
IL2702010024	SDC	IL	X-326 ILTs	744G5E24A04	5E	24	04	254	lb	20	lb	9.6	10.4	0.0458	13.3	2	
IL2702010025	SDC	IL	X-326 ILTs	744G5E20A13	5E	20	13	254	lb	20	lb	9.6	10.4	0.0458	13.3	2	
IL2702010026	SDC	IL	X-326 ILTs	744G5E20A15	5E	20	15	254	lb	13	lb	9.6	3.4	0.0458	13.3	1	
IL2702010027	SDC	IL	X-326 ILTs	744G5E13A01	5E	13	01	254	lb	19	lb	9.6	9.4	0.0458	13.3	2	
IL2702030001	SDC	IL	X-326 ILTs	744G5E20A08	5E	20	08	254	lb	22	lb	9.6	12.4	0.0451	13.5	3	
IL2702030002	SDC	IL	X-326 ILTs	744G5S07A05	5S	07	05	254	lb	22	lb	9.6	12.4	0.0451	13.5	3	
IL2702030003	SDC	IL	X-326 ILTs	744G5E20A07	5E	20	07	254	lb	20	lb	9.6	10.4	0.0451	13.5	2	
IL2702030004	SDC	IL	X-326 ILTs	744G5E20A14	5E	20	14	254	lb	24	lb	9.6	14.4	0.0451	13.5	3	
IL2702030005	SDC	IL	X-326 ILTs	744G5E13A02	5E	13	02	254	lb	18	lb	9.6	8.4	0.0451	13.5	2	
IL2702030006	SDC	IL	X-326 ILTs	744G5E16A01	5E	16	01	254	lb	28	lb	9.6	18.4	0.0451	13.5	4	
IL2702030007	SDC	IL	X-326 ILTs	744G5E20A09	5E	20	09	254	lb	23	lb	9.6	13.4	0.0451	13.5	3	
IL2702030008	SDC	IL	X-326 ILTs	744G5E20A10	5E	20	10	254	lb	28	lb	9.6	18.4	0.0451	13.5	4	
IL2702030009	SDC	IL	X-326 ILTs	744G5S02A01	5S	02	01	254	lb	20	lb	9.6	10.4	0.0451	13.5	2	
IL2702030010	SDC	IL	X-326 ILTs	744G5E21A04	5E	21	04	254	lb	28	lb	9.6	18.4	0.0451	13.5	4	
IL2702030011	SDC	IL	X-326 ILTs	744G5S03A09	5S	03	09	254	lb	26	lb	9.6	16.4	0.0451	13.5	3	
IL2702030012	SDC	IL	X-326 ILTs	744G5S02A09	5S	02	09	254	lb	26	lb	9.6	16.4	0.0451	13.5	3	
IL2702030013	SDC	IL	X-326 ILTs	744G5S03A14	5S	03	14	254	lb	28	lb	9.6	18.4	0.0451	13.5	4	
IL2702030014	SDC	IL	X-326 ILTs	744G5E21A02	5E	21	02	254	lb	29	lb	9.6	19.4	0.0451	13.5	4	
IL2702030015	SDC	IL	X-326 ILTs	744G5E20A04	5E	20	04	254	lb	26	lb	9.6	16.4	0.0451	13.5	3	
IL2702030016	SDC	IL	X-326 ILTs	744G5E20A03	5E	20	03	254	lb	31	lb	9.6	21.4	0.0451	13.5	4	
IL2702030017	SDC	IL	X-326 ILTs	744G5S02A08	5S	02	08	254	lb	28	lb	9.6	18.4	0.0451	13.5	4	
IL2702030018	SDC	IL	X-326 ILTs	744G5E21A13	5E	21	13	254	lb	27	lb	9.6	17.4	0.0451	13.5	4	
IL2702030019	SDC	IL	X-326 ILTs	744G5E21A05	5E	21	05	254	lb	31	lb	9.6	21.4	0.0451	13.5	4	
IL2702030020	SDC	IL	X-326 ILTs	744G5E21A06	5E	21	06	254	lb	28	lb	9.6	18.4	0.0451	13.5	4	
IL2702030021	SDC	IL	X-326 ILTs	744G5E20A06	5E	20	06	254	lb	24	lb	9.6	14.4	0.0451	13.5	3	
IL2702030022	SDC	IL	X-326 ILTs	744G5E20A02	5E	20	02	254	lb	21	lb	9.6	11.4	0.0451	13.5	2	
IL2702030023	SDC	IL	X-326 ILTs	744G5E21A08	5E	21	08	254	lb	21	lb	9.6	11.4	0.0451	13.5	2	
IL2702030024	SDC	IL	X-326 ILTs	744G0701A08	07	01	08	254	lb	20	lb	9.6	10.4	0.0451	13.5	2	

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
IL2702030025	SDC	IL	X-326 ILTs	744G0701A09	07	01	09	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0451	13.5	4
IL2702030026	SDC	IL	X-326 ILTs	744G0701A06	07	01	06	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.0451	13.5	2
IL2702050001	SDC	IL	X-326 ILTs	744G0701A10	07	01	10	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0441	13.8	3
IL2702050003	SDC	IL	X-326 ILTs	744G0701A19	07	01	19	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0441	13.8	4
IL2702050004	SDC	IL	X-326 ILTs	744G0701A05	07	01	05	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0441	13.8	4
IL2702050006	SDC	IL	X-326 ILTs	744G0701A17	07	01	17	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0441	13.8	4
IL2702050009	SDC	IL	X-326 ILTs	744G0701A07	07	01	07	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0441	13.8	4
IL2702110005	SDC	IL	X-326 ILTs	744G5S03A13	5S	03	13	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.042	14.5	3
IL2702110006	SDC	IL	X-326 ILTs	744G5S02A06	5S	02	06	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.042	14.5	3
IL2702110007	SDC	IL	X-326 ILTs	744G5S02A02	5S	02	02	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.042	14.5	2
IL2702110008	SDC	IL	X-326 ILTs	744G5S03A15	5S	03	15	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.042	14.5	4
IL2702110009	SDC	IL	X-326 ILTs	744G5S02A03	5S	02	03	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.042	14.5	2
IL2702110010	SDC	IL	X-326 ILTs	744G5S02A04	5S	02	04	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.042	14.5	2
IL2702110011	SDC	IL	X-326 ILTs	744G5S02A05	5S	02	05	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.042	14.5	4
IL2702110012	SDC	IL	X-326 ILTs	744G5S03A08	5S	03	08	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.042	14.5	2
IL2702110013	SDC	IL	X-326 ILTs	744G5S02A10	5S	02	10	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.042	14.5	4
IL2702110014	SDC	IL	X-326 ILTs	744G0702A32	07	02	32	254	lb		33 lb	9.6 lb	9.6 lb	23.4	0.0398	15.3	4
IL2702110015	SDC	IL	X-326 ILTs	744G0705A27	07	05	27	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.042	14.5	2
IL2702130001	SDC	IL	X-326 ILTs	744G5S03A07	5S	03	07	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0411	14.8	3
IL2702130002	SDC	IL	X-326 ILTs	744G5S03A12	5S	03	12	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0411	14.8	3
IL2702130003	SDC	IL	X-326 ILTs	744G5S02A11	5S	02	11	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0411	14.8	2
IL2702130004	SDC	IL	X-326 ILTs	744G5S03A11	5S	03	11	254	lb		40 lb	9.6 lb	9.6 lb	30.4	0.0411	14.8	6
IL2702130005	SDC	IL	X-326 ILTs	744G5S02A07	5S	02	07	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0411	14.8	4
IL2702130006	SDC	IL	X-326 ILTs	744G5S03A10	5S	03	10	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0411	14.8	3
IL2702130007	SDC	IL	X-326 ILTs	744G5S03A02	5S	03	02	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0411	14.8	3
IL2702130008	SDC	IL	X-326 ILTs	744G5S03A04	5S	03	04	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0411	14.8	4
IL2702130009	SDC	IL	X-326 ILTs	744G5S04A15	5S	04	15	254	lb		35 lb	9.6 lb	9.6 lb	25.4	0.0411	14.8	5
IL2702130010	SDC	IL	X-326 ILTs	744G5S05A09	5S	05	09	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0411	14.8	3
IL2702130011	SDC	IL	X-326 ILTs	744G5S03A01	5S	03	01	254	lb		36 lb	9.6 lb	9.6 lb	26.4	0.0411	14.8	5
IL2702130012	SDC	IL	X-326 ILTs	744G5S04A02	5S	04	02	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.0411	14.8	2
IL2702130013	SDC	IL	X-326 ILTs	744G5S05A05	5S	05	05	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0411	14.8	3
IL2702130014	SDC	IL	X-326 ILTs	744G5S05A07	5S	05	07	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0411	14.8	4
IL2702150001	SDC	IL	X-326 ILTs	744G0701A18	07	01	18	254	lb		20 lb	9.6 lb	9.6 lb	10.4	0.0406	15	2
IL2702150002	SDC	IL	X-326 ILTs	744G0701A20	07	01	20	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0406	15	3
IL2702150003	SDC	IL	X-326 ILTs	744G0701A13	07	01	13	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0406	15	3
IL2702150004	SDC	IL	X-326 ILTs	744G5S05A13	5S	05	13	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0406	15	3
IL2702150005	SDC	IL	X-326 ILTs	744G5S05A11	5S	05	11	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0406	15	3
IL2702150006	SDC	IL	X-326 ILTs	744G0701A14	07	01	14	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0406	15	4
IL2702150007	SDC	IL	X-326 ILTs	744G0701A11	07	01	11	254	lb		17 lb	9.6 lb	9.6 lb	7.4	0.0406	15	1
IL2702150008	SDC	IL	X-326 ILTs	744G0705A24	07	05	24	254	lb		36 lb	9.6 lb	9.6 lb	26.4	0.0398	15.3	5
IL2702150009	SDC	IL	X-326 ILTs	744G0701A15	07	01	15	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0406	15	3
IL2702150010	SDC	IL	X-326 ILTs	744G0701A21	07	01	21	254	lb		27 lb	9.6 lb	9.6 lb	17.4	0.0406	15	3
IL2702150011	SDC	IL	X-326 ILTs	744G0701A16	07	01	16	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0406	15	3
IL2702150012	SDC	IL	X-326 ILTs	744G0701A12	07	01	12	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0406	15	4
IL2702150013	SDC	IL	X-326 ILTs	744G5S04A06	5S	04	06	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0406	15	2
IL2702150014	SDC	IL	X-326 ILTs	744G5S04A04	5S	04	04	254	lb		24 lb	9.6 lb	9.6 lb	14.4	0.0406	15	3
IL2702150015	SDC	IL	X-326 ILTs	744G0701A22	07	01	22	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0406	15	3
IL2702150016	SDC	IL	X-326 ILTs	744G0701A24	07	01	24	254	lb		33 lb	9.6 lb	9.6 lb	23.4	0.0406	15	4
IL2702150017	SDC	IL	X-326 ILTs	744G0701A23	07	01	23	254	lb		32 lb	9.6 lb	9.6 lb	22.4	0.0406	15	4
IL2702150018	SDC	IL	X-326 ILTs	744G0705A20	07	05	20	254	lb		25 lb	9.6 lb	9.6 lb	15.4	0.0398	15.3	3
IL2702150019	SDC	IL	X-326 ILTs	744G0701A34	07	01	34	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0406	15	2
IL2702150020	SDC	IL	X-326 ILTs	744G0702A30	07	02	30	254	lb		31 lb	9.6 lb	9.6 lb	21.4	0.0406	15	4
IL2702150021	SDC	IL	X-326 ILTs	744G0702A34	07	02	34	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0406	15	3
IL2702150022	SDC	IL	X-326 ILTs	744G0702A27	07	02	27	254	lb		36 lb	9.6 lb	9.6 lb	26.4	0.0406	15	5
IL2702150023	SDC	IL	X-326 ILTs	744G0702A29	07	02	29	254	lb		22 lb	9.6 lb	9.6 lb	12.4	0.0406	15	2
IL2702150024	SDC	IL	X-326 ILTs	744G0702A28	07	02	28	254	lb		21 lb	9.6 lb	9.6 lb	11.4	0.0406	15	2
IL2702150025	SDC	IL	X-326 ILTs	744G0701A32	07	01	32	254	lb		18 lb	9.6 lb	9.6 lb	8.4	0.0406	15	2
IL2702160002	SDC	IL	X-326 ILTs	744G5S04A10	5S	04	10	254	lb		33 lb	9.6 lb	9.6 lb	23.4	0.0374	16.3	4
IL2702170001	SDC	IL	X-326 ILTs	744G5S04A08	5S	04	08	254	lb		28 lb	9.6 lb	9.6 lb	18.4	0.0398	15.3	3
IL2702170002	SDC	IL	X-326 ILTs	744G0701A31	07	01	31	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0398	15.3	3
IL2702170003	SDC	IL	X-326 ILTs	744G5S03A06	5S	03	06	254	lb		9.6 lb	9.6 lb	9.6 lb	16.4	0.0398	15.3	3
IL2702170004	SDC	IL	X-326 ILTs	744G0702A33	07	02	33	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0398	15.3	2
IL2702170005	SDC	IL	X-326 ILTs	744G0701A29	07	01	29	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0398	15.3	3
IL2702170006	SDC	IL	X-326 ILTs	744G0701A35	07	01	35	254	lb		26 lb	9.6 lb	9.6 lb	16.4	0.0398	15.3	3
IL2702170007	SDC	IL	X-326 ILTs	744G0701A30	07	01	30	254	lb		35 lb	9.6 lb	9.6 lb	25.4	0.0398	15.3	5
IL2702170008	SDC	IL	X-326 ILTs	744G0701A26	07	01	26	254	lb		9.6 lb	9.6 lb	9.6 lb	15.4	0.0398	15.3	3
IL2702170010	SDC	IL	X-326 ILTs	744G0701A28	07	01	28	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0398	15.3	2
IL2702170011	SDC	IL	X-326 ILTs	744G0702A31	07	02	31	254	lb		30 lb	9.6 lb	9.6 lb	20.4	0.0398	15.3	4

ContainerId	Container Type	SizeCode	Description/Lot Location	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
IL2702170012	SDC	IL	X-326 ILTs	744G070702A35	07	02	35	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0398	15.3	2
IL2702170013	SDC	IL	X-326 ILTs	744G070701A33	07	01	33	254	lb		23 lb	9.6 lb	9.6 lb	13.4	0.0398	15.3	2
IL2702170014	SDC	IL	X-326 ILTs	744G070705A26	07	05	26	254	lb		22 lb	9.6 lb	12.4	0.0398	15.3	2	
IL2702170015	SDC	IL	X-326 ILTs	744G070701A27	07	01	27	254	lb		27 lb	9.6 lb	17.4	0.0398	15.3	3	
IL2702170016	SDC	IL	X-326 ILTs	744G070701A25	07	01	25	254	lb		26 lb	9.6 lb	16.4	0.0398	15.3	3	
IL2702170017	SDC	IL	X-326 ILTs	744G070705A33	07	05	33	254	lb		26 lb	9.6 lb	16.4	0.0398	15.3	3	
IL2702170018	SDC	IL	X-326 ILTs	744G070704A27	07	04	27	254	lb		19 lb	9.6 lb	9.4	0.0398	15.3	2	
IL2702170019	SDC	IL	X-326 ILTs	744G070705A29	07	05	29	254	lb		30 lb	9.6 lb	20.4	0.0398	15.3	4	
IL2702170020	SDC	IL	X-326 ILTs	744G070704A26	07	04	26	254	lb		22 lb	9.6 lb	12.4	0.0398	15.3	2	
IL2702170022	SDC	IL	X-326 ILTs	744G070705A28	07	05	28	254	lb		20 lb	9.6 lb	10.4	0.0398	15.3	2	
IL2702170023	SDC	IL	X-326 ILTs	744G070705A32	07	05	32	254	lb		18 lb	9.6 lb	8.4	0.0398	15.3	2	
IL2702170025	SDC	IL	X-326 ILTs	744G070704A30	07	04	30	254	lb		20 lb	9.6 lb	10.4	0.0398	15.3	2	
IL2702190007	SDC	IL	X-326 ILTs	744G6S0504A11	5S	04	11	254	lb		38 lb	9.6 lb	28.4	0.0393	15.5	5	
IL2702190009	SDC	IL	X-326 ILTs	744G070704A28	07	04	28	254	lb		28 lb	9.6 lb	18.4	0.0393	15.5	3	
IL2702190011	SDC	IL	X-326 ILTs	744G6S0504A12	5S	04	12	254	lb		30 lb	9.6 lb	20.4	0.0393	15.5	4	
IL2702190012	SDC	IL	X-326 ILTs	744G6S0504A14	5S	04	14	254	lb		27 lb	9.6 lb	17.4	0.0393	15.5	3	
IL2702190013	SDC	IL	X-326 ILTs	744G6S0503A03	5S	03	03	254	lb		19 lb	9.6 lb	9.4	0.0393	15.5	2	
IL2702190014	SDC	IL	X-326 ILTs	744G070704A31	07	04	31	254	lb		24 lb	9.6 lb	14.4	0.0393	15.5	3	
IL2702190015	SDC	IL	X-326 ILTs	744G6S0504A13	5S	04	13	254	lb		28 lb	9.6 lb	18.4	0.0393	15.5	3	
IL2702190016	SDC	IL	X-326 ILTs	744G6S0808A02	5S	08	02	254	lb		31 lb	9.6 lb	21.4	0.0393	15.5	4	
IL2702190017	SDC	IL	X-326 ILTs	744G6S0909A05	5S	09	05	254	lb		28 lb	9.6 lb	18.4	0.0393	15.5	3	
IL2702190018	SDC	IL	X-326 ILTs	744G6S0909A03	5S	09	03	254	lb		36 lb	9.6 lb	26.4	0.0393	15.5	5	
IL2702190019	SDC	IL	X-326 ILTs	744G6S0909A11	5S	09	11	254	lb		22 lb	9.6 lb	12.4	0.0393	15.5	2	
IL2702190020	SDC	IL	X-326 ILTs	744G6S0909A07	5S	09	07	254	lb		18 lb	9.6 lb	8.4	0.0393	15.5	1	
IL2702190021	SDC	IL	X-326 ILTs	744G6S0808A10	5S	08	10	254	lb		24 lb	9.6 lb	14.4	0.0393	15.5	3	
IL2702190022	SDC	IL	X-326 ILTs	744G6S100A04	5S	10	04	254	lb		21 lb	9.6 lb	11.4	0.0393	15.5	2	
IL2702190023	SDC	IL	X-326 ILTs	744G6S0808A06	5S	08	06	254	lb		21 lb	9.6 lb	11.4	0.0861	7.07	4	
IL2702200020	SDC	IL	X-326 ILTs	744G6S0909A15	5S	09	15	254	lb		18 lb	9.6 lb	8.4	0.0861	7.07	3	
IL2702200021	SDC	IL	X-326 ILTs	744G6S0808A04	5S	08	04	254	lb		23 lb	9.6 lb	13.4	0.0861	7.07	5	
IL2702200022	SDC	IL	X-326 ILTs	744G6S100A10	5S	10	10	254	lb		29 lb	9.6 lb	19.4	0.0861	7.07	8	
IL2702200023	SDC	IL	X-326 ILTs	744G6S0909A01	5S	09	01	254	lb		25 lb	9.6 lb	15.4	0.0861	7.07	6	
IL2702200024	SDC	IL	X-326 ILTs	744G6S0909A01	5S	09	01	254	lb		25 lb	9.6 lb	15.4	0.0861	7.07	6	
IL2703007000	SDC	IL	X-326 ILTs	744G6E030A04	5E	03	04	254	lb		lb	9.6 lb	32	0		0	
IL2703007001	SDC	IL	X-326 ILTs	744G6E030A07	5E	03	07	254	lb		lb	9.6 lb	32	0		0	
IL2703007002	SDC	IL	X-326 ILTs	744G6E030A09	5E	03	09	254	lb		lb	9.6 lb	32	0		0	
IL2703007003	SDC	IL	X-326 ILTs	744G6E030A08	5E	03	08	254	lb		lb	9.6 lb	32	0		0	
IL2703030001	SDC	IL	X-326 ILTs	744G070704A35	07	04	35	254	lb		32 lb	9.6 lb	22.4	0.0324	18.8	3	
IL2703030002	SDC	IL	X-326 ILTs	744G070704A34	07	04	34	254	lb		35 lb	9.6 lb	25.4	0.0324	18.8	4	
IL2703030003	SDC	IL	X-326 ILTs	744G070705A35	07	05	35	254	lb		34 lb	9.6 lb	24.4	0.0324	18.8	4	
IL2703030004	SDC	IL	X-326 ILTs	744G070704A29	07	04	29	254	lb		33 lb	9.6 lb	23.4	0.0324	18.8	3	
IL2703030005	SDC	IL	X-326 ILTs	744G070705A30	07	05	30	254	lb		32 lb	9.6 lb	22.4	0.0324	18.8	3	
IL2703030006	SDC	IL	X-326 ILTs	744G070705A31	07	05	31	254	lb		31 lb	9.6 lb	21.4	0.0324	18.8	3	
IL2703030007	SDC	IL	X-326 ILTs	744G6S100A08	5S	10	08	254	lb		30 lb	9.6 lb	20.4	0.0324	18.8	3	
IL2703030008	SDC	IL	X-326 ILTs	744G070704A33	07	04	33	254	lb		37 lb	9.6 lb	27.4	0.0324	18.8	4	
IL2703030009	SDC	IL	X-326 ILTs	744G6S100A12	5S	10	12	254	lb		33 lb	9.6 lb	23.4	0.0324	18.8	3	
IL2703030010	SDC	IL	X-326 ILTs	744G070705A34	07	05	34	254	lb		26 lb	9.6 lb	16.4	0.0324	18.8	2	
IL2703030011	SDC	IL	X-326 ILTs	744G6S100A14	5S	10	14	254	lb		21 lb	9.6 lb	11.4	0.0324	18.8	2	
IL2703030012	SDC	IL	X-326 ILTs	744G070704A32	07	04	32	254	lb		27 lb	9.6 lb	17.4	0.0324	18.8	3	
IL2703030013	SDC	IL	X-326 ILTs	744G6S100A06	5S	10	06	254	lb		31 lb	9.6 lb	21.4	0.0324	18.8	3	
IL2703030014	SDC	IL	X-326 ILTs	744G6S100A02	5S	10	02	254	lb		32 lb	9.6 lb	22.4	0.0324	18.8	3	
IL2703030015	SDC	IL	X-326 ILTs	744G6S0909A09	5S	09	09	254	lb		24 lb	9.6 lb	14.4	0.0324	18.8	2	
IL2703030016	SDC	IL	X-326 ILTs	744G6S0909A13	5S	09	13	254	lb		28 lb	9.6 lb	18.4	0.0324	18.8	3	
IL2703030017	SDC	IL	X-326 ILTs	744G6S0808A08	5S	08	08	254	lb		35 lb	9.6 lb	25.4	0.0324	18.8	4	
IL2703030018	SDC	IL	X-326 ILTs	744G6S0909A08	5S	09	09	254	lb		25 lb	9.6 lb	15.4	0.0324	18.8	2	
IL2703030019	SDC	IL	X-326 ILTs	744G6S0909A08	5S	09	09	254	lb		25 lb	9.6 lb	15.4	0.0324	18.8	2	
IL2703030020	SDC	IL	X-326 ILTs	744G6S0909A08	5S	09	09	254	lb		25 lb	9.6 lb	15.4	0.0324	18.8	2	
IL2703030020	SDC	IL	X-326 ILTs	744G6S0909A08	5S	09	09	254	lb		25 lb	9.6 lb	15.4	0.0324	18.8	2	
K1019629	K Can	K1	X-330 Alumina	744G0408A14	04	08	14	223	g	9029 g	2655 g	2655 g	6374	30.42	3.8	1939	
K1021202	K Can	K1	USO8	744G0704A26	04	07	26	005	g	2922 g	2694 g	2694 g	228	43.524	4.7339	99	
K1021207	K Can	K1	USO8	744G6E13A10	5E	13	10	005	g	2669 g	2629 g	2629 g	40	0.92	33.5995	0	
K1021717	K Can	K1	Scrap (Rags + Wipes)	744G6E05A04	5E	05	04	252	g	2865 g	2865 g	2865 g	338	8.58	3.51	29	
K1022213	K Can	K1	Scrap (Rags + Wipes)	744G6E24A06	5E	24	06	252	g	9163 g	3003 g	3003 g	6571	69.289	12.65	4553	
K1023372	K Can	K1	X-326 Alumina	744G6E11A12	5E	11	12	228	g	6899 g	2689 g	2689 g	4310	0.5847	12.66	25	
K1023375	K Can	K1	X-326 Alumina	744G6E10A15	5E	10	15	228	g	5018 g	2709 g	2709 g	2309	0.2902	10.35	7	
K1023379	K Can	K1	X-326 Alumina	744G6E11A03	5E	11	03	228	g	6820 g	2703 g	2703 g	4117	0.5951	12.2	25	
K1023388	K Can	K1	X-326 Alumina	744G6E04A02	5E	04	02	228	g	7762 g	2729 g	2729 g	5033	5.7679	5.65	290	
K1023393	K Can	K1	X-326 Alumina	744G6E19A06	5E	19	06	228	g	8795 g	2738 g	2738 g	6057	18.4365	5.14	1117	
K1023395	K Can	K1	X-326 Alumina	744G6E22A10	5E	22	10	228	g	8492 g	2699 g	2699 g	5793	16.8445	4.55	976	
K1023396	K Can	K1	X-326 Alumina	744G6E19A03	5E	19	03	228	g	8342 g	2690 g	2690 g	5652	12.4876	4.52	706	
K1023412	K Can	K1	X-326 Alumina	744G6E10A12	5E	10	12	228	g	7627 g	2674 g	2674 g	4953	0.1958	10.67	10	

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
K1023423	K Can	K1	X-326 Alumina	744G/SE19A01	5E	19	01	228	g	8525 g	2681 g	5844	20.9189	4.45	1223	1262	
K1023425	K Can	K1	X-326 Alumina	744G/0401A12	04	01	12	228	g	8343 g	2701 g	5642	22.375	4.42	1262	1318	
K1023426	K Can	K1	X-326 Alumina	744G/SE19A12	5E	19	12	228	g	8853 g	2687 g	6166	21.3737	4.53	1318	1046	
K1023430	K Can	K1	X-326 Alumina	744G/SE19A11	5E	19	11	228	g	9130 g	2694 g	6436	16.2492	4.59	1046	2	
K1023433	K Can	K1	X-326 Alumina	744G/0408A26	04	08	26	228	g	6943 g	2683 g	4260	0.047	33.86	131	315	
K1023537	K Can	K1	X-326 Alumina	744G/SW07A11	5W	07	11	228	g	7532 g	2688 g	4844	2.704	10.51	131	292	
K1023546	K Can	K1	X-326 Alumina	744G/SW06A01	5W	06	01	228	g	6917 g	2685 g	4232	7.443	10.24	315	0	
K1023556	K Can	K1	X-326 Alumina	744G/SW06A03	5W	06	03	228	g	7241 g	2694 g	4547	6.422	12.16	292	0	
K1023564	K Can	K1	X-326 Alumina	744G/SW07A08	5W	07	08	228	g	6791 g	2699 g	4092	0	28.91	0	0	
K1023570	K Can	K1	X-326 Alumina	744G/SW03A12	5W	03	12	228	g	6642 g	2682 g	3960	0	61.49	0	0	
K1023574	K Can	K1	X-326 Alumina	744G/SE05A07	5E	05	07	228	g	6999 g	2690 g	4309	0.046	30.62	2	5	
K1023576	K Can	K1	X-326 Alumina	744G/SW04A03	5W	04	03	228	g	7066 g	2695 g	4371	0.114	19.2	5	30	
K1023580	K Can	K1	X-326 Alumina	744G/SW08A12	5W	08	12	228	g	7161 g	2671 g	4490	0.668	14.36	30	0	
K1023581	K Can	K1	X-326 Alumina	744G/SW07A14	5W	07	14	228	g	7398 g	2705 g	4693	0	72.31	0	0	
K1023588	K Can	K1	X-326 Alumina	744G/SW04A09	5W	04	09	228	g	6929 g	2688 g	4241	0.094	50.59	4	4	
K1023589	K Can	K1	X-326 Alumina	744G/SW06A11	5W	06	11	228	g	7214 g	2685 g	4529	4.438	11.97	201	201	
K1023598	K Can	K1	X-326 Alumina	744G/SW09A01	5W	09	01	228	g	7696 g	2683 g	5013	3.451	10.45	173	173	
K1023601	K Can	K1	X-326 Alumina	744G/SW09A15	5W	09	15	228	g	6817 g	2677 g	4140	3.14	12.74	130	130	
K1023604	K Can	K1	X-326 Alumina	744G/0401A01	04	01	01	228	g	7165 g	2689 g	4476	0.402	45.41	18	18	
K1023612	K Can	K1	X-326 Alumina	744G/SE06A07	5E	06	07	228	g	7555 g	2677 g	4609	0.933	73.64	43	43	
K1023614	K Can	K1	X-326 Alumina	744G/SE06A06	5E	06	06	228	g	7020 g	2687 g	4333	0.023	41.32	1	1	
K1023616	K Can	K1	X-326 Alumina	744G/SE06A06	5E	06	07	228	g	7020 g	2687 g	4333	0.023	41.32	1	1	
K1023618	K Can	K1	X-326 Alumina	744G/SE05A09	5E	05	09	228	g	6804 g	2679 g	4125	0.024	59.81	1	1	
K1023619	K Can	K1	X-326 Alumina	744G/SE07A06	5E	07	06	228	g	5798 g	2692 g	3106	0.032	57.97	1	1	
K1023624	K Can	K1	X-326 Alumina	744G/SE15A01	5E	15	01	228	g	7228 g	2671 g	4557	0.9	70.03	41	41	
K1023626	K Can	K1	X-326 Alumina	744G/SE14A13	5E	14	13	228	g	7286 g	2677 g	4609	0.933	73.64	43	43	
K1023633	K Can	K1	X-326 Alumina	744G/SE15A04	5E	15	04	228	g	7037 g	2684 g	4353	0.046	53.33	2	2	
K1023638	K Can	K1	X-326 Alumina	744G/SE06A10	5E	06	10	228	g	7306 g	2689 g	4617	0.606	75.4	28	28	
K1023641	K Can	K1	X-326 Alumina	744G/SE15A07	5E	15	07	228	g	7332 g	2688 g	4644	0.388	76.14	18	18	
K1023666	K Can	K1	X-326 Alumina	744G/SW02A13	5W	02	13	228	g	7252 g	2695 g	4557	0.834	72.6	38	38	
K1023667	K Can	K1	X-326 Alumina	744G/SE04A10	5E	04	10	228	g	7059 g	2706 g	4353	1.08	73.48	47	47	
K1023669	K Can	K1	X-326 Alumina	744G/SE08A15	5E	08	15	228	g	7784 g	2685 g	5099	0.177	71.82	9	9	
K1023673	K Can	K1	X-326 Alumina	744G/SE14A10	5E	14	10	228	g	7253 g	2692 g	4561	0.855	71.09	39	39	
K1023684	K Can	K1	X-326 Alumina	744G/SE05A05	5E	05	05	228	g	7179 g	2718 g	4461	0.022	44.93	1	1	
K1023706	K Can	K1	X-326 Alumina	744G/SW17A14	5W	17	14	227	g	7142 g	2721 g	4421	0.181	78.53	8	8	
K1023707	K Can	K1	X-326 Alumina	744G/SW17A04	5W	17	04	227	g	7165 g	2714 g	4451	0.135	65	6	6	
K1023730	K Can	K1	X-326 Alumina	744G/SW09A06	5W	09	06	227	g	7231 g	2722 g	4509	0.022	52.14	1	1	
K1024031	K Can	K1	X-326 Alumina	744G/SE01A02	5E	01	02	228	g	6684 g	2679 g	4005	0.275	44.02	11	11	
K1024197	K Can	K1	X-326 Alumina	744G/SW19A05	5W	19	05	227	g	7368 g	2676 g	4692	0	60.85	0	0	
K1024484	K Can	K1	Misc Alumina	744G/SW14A03	5W	14	03	201	g	6662 g	2760 g	3902	3.229	44.25	126	126	
K1024603	K Can	K1	Uranyl Fluoride	744G/SE25A02	5E	25	02	006	g	9074 g	2628 g	6446	78.095	5.9	5034	5034	
K1024620	K Can	K1	Uranyl Fluoride	744G/SE04A04	5E	04	04	006	g	5487 g	2628 g	2859	69.465	5.89	1986	1986	
K1024689	K Can	K1	X-340 Complex Alumina	744G/SE12A03	5E	12	03	240	g	7796 g	2716 g	5080	51.181	1	2600	2600	
K1024690	K Can	K1	X-340 Complex Alumina	744G/SE08A03	5E	08	03	240	g	7059 g	2708 g	4351	59.756	1	2600	2600	
K1024691	K Can	K1	Scrap Metal Gaskets	744G/SE25A03	5E	25	03	254	g	6028 g	2716 g	3312	2.868	0.97	95	95	
K1024697	K Can	K1	Scrap Metal Gaskets	744G/SE25A07	5E	25	07	254	g	2952 g	2712 g	240	0	3.5	0	0	
K1024698	K Can	K1	X-340 Complex Alumina	744G/0401A11	04	01	11	240	g	7270 g	2723 g	4547	57.181	1	2600	2600	
K1025075	K Can	K1	Scrap Metal Gaskets	744G/SE25A04	5E	25	04	254	g	10800 g	2620 g	8180	0	98	0	0	
K1025568	K Can	K1	X-340 Complex Alumina	744G/0401A10	04	01	10	240	g	7291 g	2693 g	4598	56.546	1	2600	2600	
K1025576	K Can	K1	X-340 Complex Alumina	744G/SE12A14	5E	12	14	240	g	6729 g	2754 g	3975	65.409	1	2600	2600	
K1025581	K Can	K1	X-340 Complex Alumina	744G/SE09A11	5E	09	11	240	g	7190 g	2657 g	4533	57.357	1	2600	2600	
K1025774	K Can	K1	X-340 Complex Alumina	744G/SE12A01	5E	12	01	240	g	9432 g	2661 g	6771	38.399	1	2600	2600	
K1025775	K Can	K1	X-340 Complex Alumina	744G/SE08A04	5E	08	04	240	g	4995 g	2659 g	2336	99.6	1	2327	2327	
K1025936	K Can	K1	X-340 Complex Alumina	744G/SE14A03	5E	14	03	240	g	7144 g	2688 g	4456	58.348	1	2600	2600	
K1025937	K Can	K1	X-340 Complex Alumina	744G/SE17A04	5E	17	04	240	g	6296 g	2650 g	3646	71.311	1	2600	2600	
K1025938	K Can	K1	X-340 Complex Alumina	744G/SE09A14	5E	09	14	240	g	7409 g	2671 g	4738	54.875	1	2600	2600	
K1025939	K Can	K1	X-340 Complex Alumina	744G/SE12A10	5E	12	10	240	g	6867 g	2659 g	4208	61.787	1	2600	2600	
K1025940	K Can	K1	X-340 Complex Alumina	744G/SE12A08	5E	12	08	240	g	6857 g	2663 g	4194	61.993	1	2600	2600	
K1025941	K Can	K1	X-340 Complex Alumina	744G/SE13A05	5E	13	05	240	g	7284 g	2665 g	4619	56.289	1	2600	2600	
K1025943	K Can	K1	X-340 Complex Alumina	744G/SE25A15	5E	25	15	240	g	6186 g	2688 g	3498	74.328	1	2600	2600	
K1025944	K Can	K1	X-340 Complex Alumina	744G/SE13A08	5E	13	08	240	g	6885 g	2659 g	4226	61.524	1	2600	2600	
K1025945	K Can	K1	X-340 Complex Alumina	744G/SE17A03	5E	17	03	240	g	6792 g	2678 g	4114	63.199	1	2600	2600	
K1025946	K Can	K1	X-340 Complex Alumina	744G/SE14A07	5E	14	07	240	g	6638 g	2675 g	3963	65.607	1	2600	2600	
K1025947	K Can	K1	X-340 Complex Alumina	744G/SE07A14	5E	07	14	240	g	7353 g	2665 g	4688	55.461	1	2600	2600	
K1025948	K Can	K1	X-340 Complex Alumina	744G/SE13A06	5E	13	06	240	g	7209 g	2673 g	4536	57.319	1	2600	2600	
K1025949	K Can	K1	X-340 Complex Alumina	744G/SE14A04	5E	14	04	240	g	7192 g	2676 g	4516	57.573	1	2600	2600	
K1025950	K Can	K1	X-340 Complex Alumina	744G/SE14A08	5E	14	08	240	g	6928 g	2675 g	4235	61.393	1	2600	2600	
K1025951	K Can	K1	X-340 Complex Alumina	744G/SE13A11	5E	13	11	240	g	7081 g	2676 g	4405	59.024	1	2600	2600	
K1025952	K Can	K1	X-340 Complex Alumina	744G/SE13A03	5E	13	03	240	g	9260 g	2673 g	6587	39.472	1	2600	2600	

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	Net Weight	Purity	Assay	Grams
K1025953	K Can	K1	X-340 Complex Alumina	744G/SE14A02	5E	14	02	240	g	7213 g	2669 g	4544	57,218	1	2600		
K1025954	K Can	K1	X-340 Complex Alumina	744G/SE21A07	5E	21	07	240	g	6559 g	2707 g	3852	67,497	1	2600		
K1025955	K Can	K1	X-340 Complex Alumina	744G/SE17A01	5E	17	01	240	g	4007 g	2671 g	1336	99,96	1	1335		
K1025956	K Can	K1	X-340 Complex Alumina	744G/SE21A11	5E	21	11	240	g	6191 g	2681 g	3520	73,864	1	2600		
K1025957	K Can	K1	X-340 Complex Alumina	744G/SE21A12	5E	21	12	240	g	6191 g	2686 g	3505	74,18	1	2600		
K1025958	K Can	K1	X-340 Complex Alumina	744G/SE16A13	5E	16	13	240	g	6826 g	2685 g	4141	62,787	1	2600		
K1025959	K Can	K1	X-340 Complex Alumina	744G/SE21A09	5E	21	09	240	g	6267 g	2674 g	3593	72,363	1	2600		
K1025960	K Can	K1	X-340 Complex Alumina	744G/SE14A01	5E	14	01	240	g	7031 g	2679 g	4352	59,743	1	2600		
K1025961	K Can	K1	X-340 Complex Alumina	744G/SE24A08	5E	24	08	240	g	6855 g	2687 g	4168	62,38	1	2600		
K1025962	K Can	K1	X-340 Complex Alumina	744G/SE13A13	5E	13	13	240	g	7281 g	2703 g	4578	56,793	1	2600		
K1025963	K Can	K1	X-340 Complex Alumina	744G/SE24A09	5E	24	09	240	g	6249 g	2667 g	3582	72,585	1	2600		
K1025964	K Can	K1	X-340 Complex Alumina	744G/SE14A06	5E	14	06	240	g	7640 g	2668 g	4972	52,293	1	2600		
K1025965	K Can	K1	X-340 Complex Alumina	744G/SE24A11	5E	24	11	240	g	5916 g	2670 g	3246	80,099	1	2600		
K1025967	K Can	K1	X-340 Complex Alumina	744G/SE25A14	5E	25	14	240	g	6100 g	2669 g	3431	75,78	1	2600		
K1025968	K Can	K1	X-340 Complex Alumina	744G/SE12A15	5E	12	15	240	g	7035 g	2695 g	4340	59,908	1	2600		
K1025969	K Can	K1	X-340 Complex Alumina	744G/SE13A04	5E	13	04	240	g	6975 g	2694 g	4281	60,733	1	2600		
K1026011	K Can	K1	X-340 Complex Alumina	744G/SE13A02	5E	08	02	240	g	8048 g	2701 g	4537	48,625	1	2600		
K1026012	K Can	K1	X-340 Complex Alumina	744G/SE08A01	5E	08	01	240	g	7582 g	2666 g	4916	52,889	1	2600		
K1026037	K Can	K1	Scrap (Rags + Wipes)	744G/0706A03	07	06	03	252	g	2842 g	2580 g	262			97	0	
K1026039	K Can	K1	Scrap (Rags + Wipes)	744G/0401A02	04	01	02	000	g	3666 g	2586 g	1080			97	0	
K1026045	K Can	K1	Empty	744G/SEWALL	5EWALL				g	2583 g	0	0			0	0	
K1026083	K Can	K1	Empty	744G/SEWALL	5EWALL				g	2566 g	0	0			0	0	
K1026084	K Can	K1	Scrap (Rags + Wipes)	744G/0706A02	07	06	02	252	g	3394 g	2665 g	829			97	0	
K1026092	K Can	K1	Empty	744G				000	g	2577 g	0	0			0	0	
LHX74420	SDC	LH	Legacy Hold Up Sodium Flu 744G					203							818793		
PC250300SE001	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A05	NP	01	05	252	lb	510 lb	509.6033 lb	0.3967	12	88	22		
PC250300SE005	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A13	NP	01	13	252	lb	510 lb	509.6033 lb	0.3967	12	88	22		
PC250300SE006	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A14	NP	01	14	252	lb	510 lb	509.6033 lb	0.3967	12	88	22		
PC250300SE008	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A01	NP	01	01	252	lb	510 lb	509.6033 lb	0.3967	12	88	22		
PC250300SE010	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A06	NP	01	06	254	lb	510 lb	509.6033 lb	0.3967	12	88	22		
PC250300SE011	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A07	NP	01	07	252	lb	510 lb	509.6033 lb	0.3967	12	88	22		
PC250300SE014	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A08	NP	01	08	252	lb	510 lb	509.6033 lb	0.3967	12	88	22		
PC250300WA001	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A10	NP	01	10	254	lb	510 lb	509.6033 lb	0.3967	12	88	22		
PC250300WA002	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A04	NP	01	04	254	lb	510 lb	509.6033 lb	0.3967	12	88	22		
PC250300WA003	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A05	NP	01	05	254	lb	510 lb	509.6033 lb	0.3967	12	88	22		
PC270200SE002	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A03	NP	01	03	254	lb	510 lb	507.5219 lb	2.4781	12	43	135		
PC270200SE013	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A02	NP	01	02	254	lb	510 lb	507.5219 lb	2.4781	12	43	135		
PC270200SE018	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A15	NP	01	15	252	lb	470 lb	467.5219 lb	2.4781	12	43	135		
PC270200SE020	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A09	NP	01	09	252	lb	470 lb	467.5219 lb	2.4781	12	43	135		
PC270200SE022	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A16	NP	01	16	252	lb	510 lb	507.5219 lb	2.4781	12	43	135		
PC270200SE023	TOC BOX	PC	X-326 Seal Exhaust Pumps	744G/NP01A11	NP	01	11	252	lb	510 lb	507.5219 lb	2.4781	12	43	135		
W194245	Drum	W1	Lot 13 Female	744G/5S05B23	5S	05	23	054	lb	198.5 lb	78.5 lb	120	75,167	1.8	40914		
W194261	Drum	W1	Lot 13 Female	744G/5S01A26	5S	01	26	054	lb	203 lb	83 lb	120	75,834	1.795	41277		
W194268	Drum	W1	Lot 13 Female	744G/5S04B29	5S	04	29	054	lb	206.5 lb	86.5 lb	120	75.8	1.795	41259		
W194269	Drum	W1	Lot 13 Female	744G/5S04B29	5S	04	29	054	lb	199 lb	79 lb	120	75.8	1.795	41259		
W194284	Drum	W1	Lot 13 Female	744G/5S04B29	5S	04	29	054	lb	201.5 lb	81.5 lb	120	75.8	1.795	41259		
W194294	Drum	W1	Lot 13 Female	744G/5S03A27	5S	03	27	054	lb	203.5 lb	83.5 lb	120	75.8	1.795	41259		
W194302	Drum	W1	Lot 13 Female	744G/5S04B29	5S	04	29	054	lb	198.5 lb	78.5 lb	120	75.8	1.795	41259		
W194315	Drum	W1	Lot 13 Female	744G/5S04A29	5S	04	29	054	lb	201.5 lb	81.5 lb	120	75.2	1.8	40932		
W194316	Drum	W1	Lot 13 Female	744G/5S04A29	5S	04	29	054	lb	199.5 lb	79.5 lb	120	75.2	1.8	40932		
W194335	Drum	W1	Lot 13 Female	744G/5S05B23	5S	05	23	054	lb	199 lb	79 lb	120	75,167	1.8	40914		
W194337	Drum	W1	Lot 13 Female	744G/5S04A29	5S	04	29	054	lb	202.5 lb	82.5 lb	120	75.2	1.8	40932		
W194352	Drum	W1	Lot 13 Female	744G/5S05B23	5S	05	23	054	lb	199 lb	79 lb	120	75,167	1.8	40914		
W194354	Drum	W1	Lot 13 Female	744G/5S05B23	5S	05	23	054	lb	198 lb	78 lb	120	75,167	1.8	40914		
W194366	Drum	W1	Lot 13 Female	744G/5S04A29	5S	04	29	054	lb	199.5 lb	79.5 lb	120	75.2	1.8	40932		
W195975	Drum	W1	Lot 13 Female	744G/0701A02	07	01	02	054	lb	149 lb	114 lb	35	75.8	1.95	12034		
W195978	Drum	W1	Lot 13 Female	744G/0701A02	07	01	02	054	lb	148.5 lb	113.5 lb	35	75.8	1.95	12034		
W195986	Drum	W1	Lot 13 Female	744G/0701A02	07	01	02	054	lb	144 lb	109 lb	35	75.8	1.95	12034		
W196004	Drum	W1	Lot 13 Female	744G/0701C01	07	01	01	054	lb	146 lb	111 lb	35	75.8	1.95	12034		
W196031	Drum	W1	Lot 13 Female	744G/0701C03	07	01	03	054	lb	148.5 lb	113.5 lb	35	75.8	1.95	12034		
W196033	Drum	W1	Lot 13 Female	744G/0701C01	07	01	01	054	lb	143 lb	108 lb	35	75.8	1.95	12034		
W199026	Drum	W1	Lot 11Female	744G/0412A16	04	12	16	260	lb	198 lb	75.5 lb	122.5	99.8	1.249932	55454		
W199027	Drum	W1	Lot 11Female	744G/0412A14	04	12	14	260	lb	229 lb	78 lb	151	99.8	1.247876	68355		
W199028	Drum	W1	Lot 11Female	744G/0411A09	04	11	09	260	lb	213 lb	73.5 lb	139.5	99.8	1.249604	63149		
W199029	Drum	W1	Lot 11Female	744G/0411A19	04	11	19	260	lb	196 lb	73.5 lb	122.5	99.8	1.249234	55454		
W199069	Drum	W1	Lot 13 Female	744G/5S05B16	5S	05	16	054	lb	80 lb	170 lb	90	75,778	1.951	30935		
W199070	Drum	W1	Lot 13 Female	744G/5S05B16	5S	05	16	054	lb	170 lb	80 lb	90	75,778	1.951	30935		
W199071	Drum	W1	Lot 13 Female	744G/5S05B16	5S	05	16	054	lb	169 lb	79 lb	90	75,778	1.951	30935		

ContainerID	Container Type	SizeCode	Description/Lot	Location	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
W199072	Drum	W1	Lot 13 Female	744G/S05B16	5S	05	16	16	054	lb		165 lb	75 lb	75 lb	90	75.778	1.951	30935
W199073	Drum	W1	Lot 13 Female	744G/S05A16	5S	05	16	16	054	lb		169 lb	79 lb	79 lb	90	75.778	1.951	30935
W199074	Drum	W1	Lot 13 Female	744G/S05A16	5S	05	16	16	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W199075	Drum	W1	Lot 13 Female	744G/S05A16	5S	05	16	16	054	lb		171 lb	81 lb	81 lb	90	75.778	1.951	30935
W199102	Drum	W1	Lot 11 Female	744G/0411A05	04	11	05	260	054	lb		218 lb	72 lb	72 lb	146	99.8	1.249849	66092
W199103	Drum	W1	Lot 11 Female	744G/0410A12	04	10	12	260	054	lb		196 lb	75 lb	75 lb	121	99.8	1.250571	54775
W199104	Drum	W1	Lot 11 Female	744G/0410A09	04	10	09	260	054	lb		206 lb	76.5 lb	76.5 lb	129.5	99.8	1.250768	58622
W199105	Drum	W1	Lot 11 Female	744G/25E1A07	2S	0E	07	260	054	lb		278 lb	82 lb	82 lb	196	99.8	1.249972	88726
W199115	Drum	W1	Lot 13 Female	744G/S02B27	5S	02	27	054	054	lb		201 lb	81 lb	81 lb	120	75.8	1.795	41259
W199118	Drum	W1	Lot 13 Female	744G/S02B24	5S	02	24	054	054	lb		204.5 lb	84.5 lb	84.5 lb	120	75.834	1.795	41277
W199120	Drum	W1	Lot 13 Female	744G/S05A16	5S	05	16	054	054	lb		169 lb	79 lb	79 lb	90	75.778	1.951	30935
W199129	Drum	W1	Lot 11 Female	744G/0411A12	04	11	12	260	054	lb		207 lb	77 lb	77 lb	130	99.8	1.250658	58849
W199121	Drum	W1	Lot 11 Female	744G/0410A05	04	10	05	260	054	lb		224 lb	82 lb	82 lb	142	99.8	1.250758	64281
W199124	Drum	W1	Lot 13 Female	744G/S03A28	5S	03	28	054	054	lb		200.5 lb	80.5 lb	80.5 lb	120	75.8	1.795	41259
W199125	Drum	W1	Lot 13 Female	744G/S03A28	5S	03	28	054	054	lb		199.5 lb	79.5 lb	79.5 lb	120	75.8	1.795	41259
W199126	Drum	W1	Lot 13 Female	744G/S03A26	5S	03	26	054	054	lb		181 lb	91 lb	91 lb	90	75.778	1.92	30935
W199127	Drum	W1	Lot 13 Female	744G/S03A26	5S	03	26	054	054	lb		171 lb	81 lb	81 lb	90	75.778	1.92	30935
W199128	Drum	W1	Lot 13 Female	744G/S03B19	5S	03	19	054	054	lb		200 lb	80 lb	80 lb	120	75.167	1.8	40914
W199129	Drum	W1	Lot 13 Female	744G/S03B19	5S	03	19	054	054	lb		208 lb	88 lb	88 lb	120	75.167	1.8	40914
W199130	Drum	W1	Lot 13 Female	744G/S02B28	5S	02	28	054	054	lb		200 lb	80 lb	80 lb	120	75.8	1.795	41259
W199131	Drum	W1	Lot 13 Female	744G/S02B28	5S	02	28	054	054	lb		198 lb	78 lb	78 lb	120	75.8	1.795	41259
W199132	Drum	W1	Lot 13 Female	744G/S05B24	5S	05	24	054	054	lb		176 lb	86 lb	86 lb	90	75.778	1.951	30935
W199133	Drum	W1	Lot 13 Female	744G/S05B24	5S	05	24	054	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W199134	Drum	W1	Lot 13 Female	744G/S03A27	5S	03	27	054	054	lb		203.5 lb	83.5 lb	83.5 lb	120	75.8	1.795	41259
W199135	Drum	W1	Lot 13 Female	744G/S03A27	5S	03	27	054	054	lb		201 lb	81 lb	81 lb	120	75.8	1.795	41259
W199136	Drum	W1	Lot 13 Female	744G/S05A14	5S	05	14	054	054	lb		199.5 lb	79.5 lb	79.5 lb	120	75.834	1.795	41277
W199137	Drum	W1	Lot 13 Female	744G/S05A14	5S	05	14	054	054	lb		202.5 lb	82.5 lb	82.5 lb	120	75.834	1.795	41277
W199138	Drum	W1	Lot 13 Female	744G/S01A15	5S	01	15	054	054	lb		218 lb	98 lb	98 lb	120	75.8	1.795	41259
W199139	Drum	W1	Lot 13 Female	744G/S01A14	5S	01	14	054	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W199140	Drum	W1	Lot 13 Female	744G/S01A14	5S	01	14	054	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W199141	Drum	W1	Lot 13 Female	744G/S01A14	5S	01	14	054	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W199142	Drum	W1	Lot 13 Female	744G/S01A15	5S	01	15	054	054	lb		199.5 lb	79.5 lb	79.5 lb	120	75.8	1.795	41259
W199143	Drum	W1	Lot 13 Female	744G/S01A15	5S	01	15	054	054	lb		218 lb	98 lb	98 lb	120	75.8	1.795	41259
W199144	Drum	W1	Lot 13 Female	744G/S01A15	5S	01	15	054	054	lb		216.5 lb	96.5 lb	96.5 lb	120	75.8	1.795	41259
W199145	Drum	W1	Lot 13 Female	744G/S05A14	5S	05	14	054	054	lb		206.5 lb	86.5 lb	86.5 lb	120	75.834	1.795	41277
W199146	Drum	W1	Lot 13 Female	744G/S05A14	5S	05	14	054	054	lb		199.5 lb	79.5 lb	79.5 lb	120	75.834	1.795	41277
W199147	Drum	W1	Lot 13 Female	744G/S03A27	5S	03	27	054	054	lb		200 lb	80 lb	80 lb	120	75.8	1.795	41259
W199148	Drum	W1	Lot 13 Female	744G/S02A26	5S	02	26	054	054	lb		200 lb	80 lb	80 lb	120	75.8	1.795	41259
W199149	Drum	W1	Lot 13 Female	744G/S05B24	5S	05	24	054	054	lb		169 lb	79 lb	79 lb	90	75.777	1.951	30935
W199150	Drum	W1	Lot 13 Female	744G/S05B24	5S	05	24	054	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W199151	Drum	W1	Lot 13 Female	744G/S02B28	5S	02	28	054	054	lb		198.5 lb	78.5 lb	78.5 lb	120	75.8	1.795	41259
W199152	Drum	W1	Lot 13 Female	744G/S02B28	5S	02	28	054	054	lb		204.5 lb	84.5 lb	84.5 lb	120	75.8	1.795	41259
W199153	Drum	W1	Lot 13 Female	744G/S03B19	5S	03	19	054	054	lb		205 lb	85 lb	85 lb	120	75.167	1.8	40914
W199154	Drum	W1	Lot 13 Female	744G/S03B19	5S	03	19	054	054	lb		204 lb	84 lb	84 lb	120	75.834	1.795	41277
W199155	Drum	W1	Lot 13 Female	744G/S02A16	5S	02	16	054	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W199156	Drum	W1	Lot 13 Female	744G/S03A28	5S	03	28	054	054	lb		200 lb	80 lb	80 lb	120	75.8	1.795	41259
W199157	Drum	W1	Lot 13 Female	744G/S03A28	5S	03	28	054	054	lb		201 lb	81 lb	81 lb	120	75.8	1.795	41259
W199158	Drum	W1	Lot 13 Female	744G/S03A28	5S	03	28	054	054	lb		200.5 lb	80.5 lb	80.5 lb	120	75.8	1.795	41259
W199161	Drum	W1	Lot 11 Female	744G/0412A06	04	12	06	260	054	lb		209 lb	75.5 lb	75.5 lb	133.5	99.8	1.249628	60433
W199165	Drum	W1	Lot 13 Female	744G/S02A26	5S	02	26	054	054	lb		199.5 lb	79.5 lb	79.5 lb	120	75.8	1.795	41259
W199166	Drum	W1	Lot 13 Female	744G/S02A26	5S	02	26	054	054	lb		199.5 lb	79.5 lb	79.5 lb	120	75.8	1.795	41259
W199169	Drum	W1	Lot 13 Female	744G/S05B26	5S	05	26	054	054	lb		203.5 lb	83.5 lb	83.5 lb	120	75.8	1.795	41259
W199170	Drum	W1	Lot 13 Female	744G/S05B26	5S	05	26	054	054	lb		200.5 lb	80.5 lb	80.5 lb	120	75.8	1.795	41259
W199171	Drum	W1	Lot 13 Female	744G/S05B26	5S	05	26	054	054	lb		199 lb	79 lb	79 lb	120	75.8	1.795	41259
W199172	Drum	W1	Lot 13 Female	744G/S01A26	5S	01	26	054	054	lb		201 lb	81 lb	81 lb	120	75.834	1.795	41277
W199173	Drum	W1	Lot 13 Female	744G/S02A28	5S	02	28	054	054	lb		203 lb	83 lb	83 lb	120	75.8	1.795	41259
W199174	Drum	W1	Lot 13 Female	744G/S02A28	5S	02	28	054	054	lb		203.5 lb	83.5 lb	83.5 lb	120	75.8	1.795	41259
W199175	Drum	W1	Lot 13 Female	744G/S02A28	5S	02	28	054	054	lb		201.5 lb	81.5 lb	81.5 lb	120	75.8	1.795	41259
W199176	Drum	W1	Lot 13 Female	744G/S04B19	5S	04	19	054	054	lb		200.5 lb	80.5 lb	80.5 lb	120	75.834	1.795	41277
W199177	Drum	W1	Lot 13 Female	744G/S02B19	5S	02	19	054	054	lb		202 lb	82 lb	82 lb	120	75.833	1.795	41277
W199178	Drum	W1	Lot 13 Female	744G/S04B19	5S	04	19	054	054	lb		203 lb	83 lb	83 lb	120	75.8	1.795	41259
W199180	Drum	W1	Lot 13 Female	744G/S02B19	5S	02	19	054	054	lb		201.5 lb	81.5 lb	81.5 lb	120	75.8	1.795	41259
W199181	Drum	W1	Lot 13 Female	744G/S02B19	5S	02	19	054	054	lb		201.5 lb	81.5 lb	81.5 lb	120	75.833	1.795	41277
W199182	Drum	W1	Lot 13 Female	744G/S02B19	5S	02	19	054	054	lb		202 lb	82 lb	82 lb	120	75.833	1.795	41277
W199184	Drum	W1	Lot 13 Female	744G/S02B19	5S	02	19	054	054	lb		200 lb	80 lb	80 lb	120	75.833	1.795	41277
W199185	Drum	W1	Lot 13 Female	744G/S04B19	5S	04	19	054	054	lb		204 lb	84 lb	84 lb	120	75.8	1.795	41259
W199186	Drum	W1	Lot 13 Female	744G/S02A28	5S	02	28	054	054	lb		200 lb	80 lb	80 lb	120	75.8	1.795	41259
W199188	Drum	W1	Lot 13 Female	744G/S01A26	5S	01	26	054	054	lb		199 lb	79 lb	79 lb	120	75.834	1.795	41277
W199189	Drum	W1	Lot 13 Female	744G/S01A26	5S	01	26	054	054	lb		202.5 lb	82.5 lb	82.5 lb	120	75.834	1.795	41277

ContainerID	Container Type	SizeCode	Description/Lot Location	Location	LocSection	LocRow	LocPositio	IDC	GrossUnit	Gross Weight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams	
W199190	Drum	W1	Lot 13 Female	744G/S05B26	5S	05	26	054	lb					81 lb	120	75.8	1.795	41259
W199194	Drum	W1	Lot 13 Female	744G/S02A26	5S	02	26	054	lb	198.5 lb		78.5 lb	120	75.8	1.795	41259		
W199540	Drum	W1	Lot 13 Female	744G/S04B16	5S	04	16	054	lb	169 lb		79 lb	90	75.778	1.951	30935		
W199541	Drum	W1	Lot 13 Female	744G/S04B16	5S	04	16	054	lb	174 lb		84 lb	90	75.778	1.951	30935		
W199542	Drum	W1	Lot 13 Female	744G/S03A19	5S	03	19	054	lb	172 lb		82 lb	90	75.778	1.92	30935		
W199543	Drum	W1	Lot 13 Female	744G/S03A19	5S	03	19	054	lb	172 lb		82 lb	90	75.778	1.92	30935		
W199544	Drum	W1	Lot 13 Female	744G/S03B26	5S	03	26	054	lb	174 lb		84 lb	90	75.778	1.951	30935		
W199545	Drum	W1	Lot 13 Female	744G/S03A19	5S	03	19	054	lb	174 lb		84 lb	90	75.778	1.92	30935		
W199546	Drum	W1	Lot 13 Female	744G/S03A19	5S	03	19	054	lb	175 lb		85 lb	90	75.778	1.92	30935		
W199547	Drum	W1	Lot 13 Female	744G/S03B26	5C	03	26	054	lb	171 lb		81 lb	90	75.778	1.951	30935		
W199548	Drum	W1	Lot 13 Female	744G/S03B26	5S	03	26	054	lb	172 lb		82 lb	90	75.778	1.951	30935		
W199549	Drum	W1	Lot 13 Female	744G/S04B16	5S	04	16	054	lb	172 lb		82 lb	90	75.778	1.951	30935		
W199550	Drum	W1	Lot 13 Female	744G/S04B16	5S	04	16	054	lb	173 lb		83 lb	90	75.778	1.951	30935		
W199551	Drum	W1	Lot 13 Female	744G/S01B15	5S	01	15	054	lb	173 lb		83 lb	90	75.778	1.951	30935		
W199552	Drum	W1	Lot 13 Female	744G/S01B15	5S	01	15	054	lb	172 lb		82 lb	90	75.778	1.951	30935		
W199553	Drum	W1	Lot 13 Female	744G/S01B15	5S	01	15	054	lb	176 lb		86 lb	90	75.778	1.951	30935		
W199554	Drum	W1	Lot 13 Female	744G/S01B15	5S	01	15	054	lb	176 lb		86 lb	90	75.778	1.951	30935		
W199555	Drum	W1	Lot 13 Female	744G/S03B20	5S	03	20	054	lb	174 lb		84 lb	90	75.778	1.951	30935		
W199556	Drum	W1	Lot 13 Female	744G/S03B20	5S	03	20	054	lb	172 lb		82 lb	90	75.778	1.951	30935		
W199557	Drum	W1	Lot 13 Female	744G/S03B20	5S	03	20	054	lb	173 lb		83 lb	90	75.778	1.951	30935		
W199558	Drum	W1	Lot 13 Female	744G/S03B20	5S	03	20	054	lb	174 lb		84 lb	90	75.778	1.951	30935		
W199559	Drum	W1	Lot 13 Female	744G/S02B18	5S	02	18	054	lb	169 lb		79 lb	90	75.778	1.92	30935		
W199560	Drum	W1	Lot 13 Female	744G/S02B18	5S	02	18	054	lb	166 lb		76 lb	90	75.778	1.92	30935		
W199561	Drum	W1	Lot 13 Female	744G/S02B18	5S	02	18	054	lb	170 lb		80 lb	90	75.778	1.92	30935		
W199562	Drum	W1	Lot 13 Female	744G/S05A21	5S	05	21	054	lb	175 lb		85 lb	90	75.778	1.92	30935		
W199564	Drum	W1	Lot 13 Female	744G/S05A21	5S	05	21	054	lb	175 lb		85 lb	90	75.778	1.92	30935		
W199565	Drum	W1	Lot 13 Female	744G/S02B21	5S	02	21	054	lb	173 lb		83 lb	90	75.778	1.951	30935		
W199566	Drum	W1	Lot 13 Female	744G/S02B21	5S	02	21	054	lb	173 lb		83 lb	90	75.778	1.951	30935		
W199567	Drum	W1	Lot 13 Female	744G/S02A21	5S	02	21	054	lb	175 lb		85 lb	90	75.778	1.951	30935		
W199568	Drum	W1	Lot 13 Female	744G/S02A21	5S	02	21	054	lb	174 lb		84 lb	90	75.778	1.951	30935		
W199569	Drum	W1	Lot 13 Female	744G/S02A21	5S	02	21	054	lb	173 lb		83 lb	90	75.778	1.951	30935		
W199570	Drum	W1	Lot 13 Female	744G/S02A21	5S	02	21	054	lb	173 lb		83 lb	90	75.778	1.951	30935		
W199571	Drum	W1	Lot 13 Female	744G/S03A20	5S	03	20	054	lb	175 lb		85 lb	90	75.778	1.951	30935		
W199572	Drum	W1	Lot 13 Female	744G/S03A20	5S	03	20	054	lb	170 lb		80 lb	90	75.778	1.951	30935		
W199573	Drum	W1	Lot 13 Female	744G/S03B16	5S	03	16	054	lb	171 lb		81 lb	90	75.778	1.951	30935		
W199574	Drum	W1	Lot 13 Female	744G/S03B16	5S	03	16	054	lb	174 lb		84 lb	90	75.778	1.951	30935		
W199575	Drum	W1	Lot 13 Female	744G/S03B16	5S	03	16	054	lb	174 lb		84 lb	90	75.778	1.951	30935		
W199576	Drum	W1	Lot 13 Female	744G/S03B16	5S	03	16	054	lb	174 lb		84 lb	90	75.778	1.951	30935		
W199577	Drum	W1	Lot 13 Female	744G/S03A20	5S	03	20	054	lb	177 lb		87 lb	90	75.778	1.951	30935		
W199578	Drum	W1	Lot 13 Female	744G/S03A20	5S	03	20	054	lb	171 lb		81 lb	90	75.778	1.951	30935		
W199579	Drum	W1	Lot 13 Female	744G/S03B18	5S	03	18	054	lb	175 lb		85 lb	90	75.778	1.92	30935		
W199580	Drum	W1	Lot 13 Female	744G/S03B18	5S	03	18	054	lb	177 lb		87 lb	90	75.778	1.92	30935		
W199581	Drum	W1	Lot 13 Female	744G/S03B18	5S	03	18	054	lb	176 lb		86 lb	90	75.778	1.92	30935		
W199582	Drum	W1	Lot 13 Female	744G/S03B18	5S	03	18	054	lb	175 lb		85 lb	90	75.778	1.92	30935		
W199583	Drum	W1	Lot 11 Female	744G/S0411A13	04	11	13	260	lb	192 lb		71 lb	121	99.8	1.250571	54775		
W199584	Drum	W1	Lot 13 Female	744G/S01B25	5S	01	25	054	lb	166 lb		76 lb	90	75.778	1.92	30935		
W199585	Drum	W1	Lot 13 Female	744G/S02A24	5S	02	24	054	lb	168 lb		78 lb	90	75.778	1.951	30935		
W199586	Drum	W1	Lot 13 Female	744G/S05A24	5S	05	24	054	lb	167 lb		77 lb	90	75.778	1.951	30935		
W199588	Drum	W1	Lot 11 Female	744G/S0410A10	04	10	10	260	lb	193 lb		73.5 lb	119.5	99.8	1.253351	54096		
W199590	Drum	W1	Lot 11 Female	744G/S0409A20	04	09	20	260	lb	211 lb		73 lb	138	99.8	1.251603	62470		
W199591	Drum	W1	Lot 13 Female	744G/S02B21	5S	02	21	054	lb	168 lb		78 lb	90	75.778	1.92	30935		
W199594	Drum	W1	Lot 13 Female	744G/S02A24	5S	02	24	054	lb	167 lb		77 lb	90	75.778	1.951	30935		
W199597	Drum	W1	Lot 11 Female	744G/S0410A09	04	10	09	260	lb	194 lb		73.5 lb	120.5	99.8	1.250275	54548		
W199598	Drum	W1	Lot 13 Female	744G/S01A21	5S	01	21	054	lb	199 lb		79 lb	120	75.167	1.8	40914		
W199599	Drum	W1	Lot 11 Female	744G/S0409A20	04	09	20	260	lb	212 lb		79 lb	133	99.8	1.249356	60207		
W199605	Drum	W1	Lot 13 Female	744G/S02A22	5S	02	22	054	lb	173 lb		83 lb	90	75.778	1.951	30935		
W199606	Drum	W1	Lot 13 Female	744G/S05A24	5S	05	24	054	lb	168 lb		78 lb	90	75.778	1.951	30935		
W199607	Drum	W1	Lot 13 Female	744G/S02B21	5S	02	21	054	lb	168 lb		78 lb	90	75.778	1.951	30935		
W199608	Drum	W1	Lot 13 Female	744G/S05A24	5S	05	24	054	lb	168 lb		78 lb	90	75.778	1.951	30935		
W199609	Drum	W1	Lot 13 Female	744G/S02A20	5S	02	20	054	lb	171 lb		81 lb	90	75.778	1.951	30935		
W199613	Drum	W1	Lot 13 Female	744G/S04B25	5S	04	25	054	lb	170 lb		80 lb	90	75.778	1.92	30935		
W199614	Drum	W1	Lot 13 Female	744G/S02A24	5S	02	24	054	lb	168 lb		78 lb	90	75.778	1.951	30935		
W199615	Drum	W1	Lot 13 Female	744G/S01B25	5S	01	25	054	lb	170 lb		80 lb	90	75.778	1.92	30935		
W199618	Drum	W1	Lot 13 Female	744G/S02B14	5S	02	14	054	lb	172 lb		82 lb	90	75.778	1.92	30935		
W199619	Drum	W1	Lot 13 Female	744G/S02A22	5S	02	22	054	lb	169 lb		79 lb	90	75.78	1.951	30944		
W199623	Drum	W1	Lot 13 Female	744G/S01A23	5S	01	23	054	lb	165 lb		75 lb	90	75.778	1.951	30935		
W199624	Drum	W1	Lot 13 Female	744G/S02B14	5S	02	14	054	lb	172 lb		82 lb	90	75.778	1.92	30935		
W199626	Drum	W1	Lot 13 Female	744G/S02A22	5S	02	22	054	lb	174 lb		84 lb	90	75.778	1.951	30935		

ContainerID	Container Type	SizeCode	Description/Lot	Location	Location	Loc Section	Loc Row	Loc Positio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	Net Weight	Purity	Assay	Grams
W199629	Drum	W1	Lot 13 Fernald	744G/S02A22	744G/S02B14	5S	02	22	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W199634	Drum	W1	Lot 13 Fernald	744G/S02B14	744G/S02B14	5S	02	14	054	lb		172 lb	82 lb	82 lb	90	75.778	1.92	30935
W199636	Drum	W1	Lot 13 Fernald	744G/S02B14	744G/S01A23	5S	02	14	054	lb		173 lb	83 lb	83 lb	90	75.778	1.92	30935
W199638	Drum	W1	Lot 13 Fernald	744G/S01A23	744G/S01A23	5S	01	23	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W199639	Drum	W1	Lot 13 Fernald	744G/S01A23	744G/S01A23	5S	01	23	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W199641	Drum	W1	Lot 13 Fernald	744G/S01B23	744G/S01B23	5S	01	23	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935
W199643	Drum	W1	Lot 13 Fernald	744G/S01B23	744G/S01B23	5S	01	23	054	lb		168 lb	78 lb	78 lb	90	75.778	1.92	30935
W199646	Drum	W1	Lot 13 Fernald	744G/S02A18	744G/S02A18	5S	02	18	054	lb		166 lb	76 lb	76 lb	90	75.778	1.951	30935
W199648	Drum	W1	Lot 13 Fernald	744G/S01A23	744G/S01A23	5S	01	23	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W199650	Drum	W1	Lot 13 Fernald	744G/S01B23	744G/S01B23	5S	01	23	054	lb		166 lb	76 lb	76 lb	90	75.778	1.92	30935
W199651	Drum	W1	Lot 13 Fernald	744G/S01B25	744G/S01B25	5S	01	25	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935
W199653	Drum	W1	Lot 13 Fernald	744G/S01B23	744G/S01B23	5S	01	23	054	lb		168 lb	78 lb	78 lb	90	75.778	1.92	30935
W199657	Drum	W1	Lot 13 Fernald	744G/S02A24	744G/S02A24	5S	02	24	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W199658	Drum	W1	Lot 13 Fernald	744G/S02A18	744G/S02A18	5S	02	18	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W199659	Drum	W1	Lot 13 Fernald	744G/S02A18	744G/S02A18	5S	02	18	054	lb		166 lb	76 lb	76 lb	90	75.778	1.951	30935
W199660	Drum	W1	Lot 13 Fernald	744G/S04A23	744G/S04A23	5S	04	23	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W199661	Drum	W1	Lot 13 Fernald	744G/S04A23	744G/S04A23	5S	04	23	054	lb		169 lb	79 lb	79 lb	90	75.778	1.951	30935
W199662	Drum	W1	Lot 13 Fernald	744G/S05B21	744G/S05B21	5S	05	21	054	lb		173 lb	83 lb	83 lb	90	75.778	1.951	30935
W199663	Drum	W1	Lot 13 Fernald	744G/S05B21	744G/S05B21	5S	05	21	054	lb		173 lb	83 lb	83 lb	90	75.778	1.951	30935
W199664	Drum	W1	Lot 13 Fernald	744G/S05B21	744G/S05B21	5S	05	21	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W199665	Drum	W1	Lot 13 Fernald	744G/S03A16	744G/S03A16	5S	03	16	054	lb		169 lb	79 lb	79 lb	90	75.778	1.951	30935
W199666	Drum	W1	Lot 13 Fernald	744G/S05B21	744G/S05B21	5S	05	21	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W199667	Drum	W1	Lot 13 Fernald	744G/S01B20	744G/S01B20	5S	01	20	054	lb		171 lb	81 lb	81 lb	90	75.778	1.951	30935
W199668	Drum	W1	Lot 13 Fernald	744G/S01B20	744G/S01B20	5S	01	20	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W199669	Drum	W1	Lot 13 Fernald	744G/S03A16	744G/S03A16	5S	03	16	054	lb		166 lb	76 lb	76 lb	90	75.778	1.951	30935
W199670	Drum	W1	Lot 13 Fernald	744G/S01B20	744G/S01B20	5S	01	20	054	lb		169 lb	79 lb	79 lb	90	75.778	1.951	30935
W199671	Drum	W1	Lot 13 Fernald	744G/S03A22	744G/S03A22	5S	03	22	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W199687	Drum	W1	Lot 13 Fernald	744G/S03A16	744G/S03A16	5S	03	16	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W199688	Drum	W1	Lot 13 Fernald	744G/S03A16	744G/S03A16	5S	03	16	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W199689	Drum	W1	Lot 13 Fernald	744G/S01B20	744G/S01B20	5S	01	20	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W199690	Drum	W1	Lot 13 Fernald	744G/S03A22	744G/S03A22	5S	03	22	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W199692	Drum	W1	Lot 11 Fernald	744G/0411A05	744G/0411A05	04	11	05	260	lb		229 lb	77.5 lb	77.5 lb	151.5	99.8	1.249581	68581
W199779	Drum	W1	Lot 13 Fernald	744G/S01A14	744G/S01A14	5S	01	14	054	lb		171 lb	81 lb	81 lb	90	75.778	1.951	30935
W200005	Drum	W2	Lot 13 Fernald	744G/S02A19	744G/S02A19	5S	02	19	054	lb		171 lb	81 lb	81 lb	90	75.778	1.951	30935
W200006	Drum	W2	Lot 13 Fernald	744G/S02A19	744G/S02A19	5S	02	19	054	lb		174 lb	84 lb	84 lb	90	75.778	1.951	30935
W200008	Drum	W2	Lot 13 Fernald	744G/S05B20	744G/S05B20	5S	05	20	054	lb		167 lb	77 lb	77 lb	90	75.778	1.92	30935
W200009	Drum	W2	Lot 13 Fernald	744G/S04A23	744G/S04A23	5S	04	23	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W200010	Drum	W2	Lot 13 Fernald	744G/S04B22	744G/S04B22	5S	04	22	054	lb		165 lb	75 lb	75 lb	90	75.778	1.951	30935
W200011	Drum	W2	Lot 13 Fernald	744G/S03B21	744G/S03B21	5S	03	21	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W200012	Drum	W2	Lot 13 Fernald	744G/S03B21	744G/S03B21	5S	03	21	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W200013	Drum	W2	Lot 13 Fernald	744G/S04A18	744G/S04A18	5S	04	18	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W200014	Drum	W2	Lot 13 Fernald	744G/S04A18	744G/S04A18	5S	04	18	054	lb		176 lb	86 lb	86 lb	90	75.778	1.951	30935
W200015	Drum	W2	Lot 13 Fernald	744G/S04A18	744G/S04A18	5S	04	18	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W200016	Drum	W2	Lot 13 Fernald	744G/S04A18	744G/S04A18	5S	04	18	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W200037	Drum	W2	Lot 13 Fernald	744G/S03B21	744G/S03B21	5S	03	21	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W200038	Drum	W2	Lot 13 Fernald	744G/S03A17	744G/S03A17	5S	03	17	054	lb		173 lb	83 lb	83 lb	90	75.778	1.951	30935
W200039	Drum	W2	Lot 13 Fernald	744G/S03A17	744G/S03A17	5S	03	17	054	lb		173 lb	83 lb	83 lb	90	75.778	1.951	30935
W200054	Drum	W2	Lot 13 Fernald	744G/S02A19	744G/S02A19	5S	02	19	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W200055	Drum	W2	Lot 13 Fernald	744G/S02A19	744G/S02A19	5S	02	19	054	lb		174 lb	84 lb	84 lb	90	75.778	1.951	30935
W200057	Drum	W2	Lot 13 Fernald	744G/S04A23	744G/S04A23	5S	04	23	054	lb		166 lb	76 lb	76 lb	90	75.778	1.951	30935
W200058	Drum	W2	Lot 13 Fernald	744G/S01A21	744G/S01A21	5S	01	21	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W200060	Drum	W2	Lot 13 Fernald	744G/S03B21	744G/S03B21	5S	03	21	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W200061	Drum	W2	Lot 13 Fernald	744G/S02B16	744G/S02B16	5S	02	16	054	lb		174 lb	84 lb	84 lb	90	75.778	1.951	30935
W200062	Drum	W2	Lot 13 Fernald	744G/S02B16	744G/S02B16	5S	02	16	054	lb		169 lb	79 lb	79 lb	90	75.778	1.951	30935
W200065	Drum	W2	Lot 13 Fernald	744G/S03A17	744G/S03A17	5S	03	17	054	lb		174 lb	84 lb	84 lb	90	75.778	1.951	30935
W200066	Drum	W2	Lot 13 Fernald	744G/S03A17	744G/S03A17	5S	03	17	054	lb		173 lb	83 lb	83 lb	90	75.778	1.951	30935
W200076	Drum	W2	Lot 13 Fernald	744G/S04B23	744G/S04B23	5S	04	23	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W200077	Drum	W2	Lot 13 Fernald	744G/S04B23	744G/S04B23	5S	04	23	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W200078	Drum	W2	Lot 13 Fernald	744G/S04B23	744G/S04B23	5S	04	23	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W200079	Drum	W2	Lot 13 Fernald	744G/S02A16	744G/S02A16	5S	02	16	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W200080	Drum	W2	Lot 13 Fernald	744G/S04B23	744G/S04B23	5S	04	23	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W200081	Drum	W2	Lot 13 Fernald	744G/S02A16	744G/S02A16	5S	02	16	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W200082	Drum	W2	Lot 13 Fernald	744G/S03B14	744G/S03B14	5S	03	14	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W200083	Drum	W2	Lot 13 Fernald	744G/S05B14	744G/S05B14	5S	05	14	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W200084	Drum	W2	Lot 13 Fernald	744G/S03B14	744G/S03B14	5S	03	14	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935
W200085	Drum	W2	Lot 13 Fernald	744G/S05B14	744G/S05B14	5S	05	14	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W200086	Drum	W2	Lot 13 Fernald	744G/S05B14	744G/S05B14	5S	05	14	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W200087	Drum	W2	Lot 13 Fernald	744G/S03B14	744G/S03B14	5S	03	14	054	lb		170 lb	80 lb	80 lb	90	75.778	1.92	30935

ContainerID	Container Type	SizeCode	Description/Lot	Location	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams	
W200088	Drum	W2	Lot 13 Female	744G/S04A14	5S	04	14	054	lb	168 lb	79 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200089	Drum	W2	Lot 13 Female	744G/S04A14	5S	04	14	054	lb	169 lb	81 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200090	Drum	W2	Lot 13 Female	744G/S04B26	5S	04	26	054	lb	171 lb	81 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200091	Drum	W2	Lot 13 Female	744G/S04B17	5S	04	17	054	lb	171 lb	82 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200092	Drum	W2	Lot 13 Female	744G/S04B17	5S	04	17	054	lb	172 lb	80 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200093	Drum	W2	Lot 13 Female	744G/S04B26	5S	04	26	054	lb	170 lb	80 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200094	Drum	W2	Lot 13 Female	744G/S04B26	5S	04	26	054	lb	174 lb	84 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200095	Drum	W2	Lot 13 Female	744G/S04B26	5S	04	26	054	lb	174 lb	84 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200096	Drum	W2	Lot 13 Female	744G/S05B22	5S	05	22	054	lb	174 lb	84 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200097	Drum	W2	Lot 13 Female	744G/S05B22	5S	05	22	054	lb	171 lb	81 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200098	Drum	W2	Lot 13 Female	744G/S04A17	5S	04	17	054	lb	169 lb	79 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200099	Drum	W2	Lot 13 Female	744G/S04A17	5S	04	17	054	lb	170 lb	80 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200100	Drum	W2	Lot 13 Female	744G/S04B20	5S	04	20	054	lb	177 lb	87 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200101	Drum	W2	Lot 13 Female	744G/S03A18	5S	03	18	054	lb	175 lb	85 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200102	Drum	W2	Lot 13 Female	744G/S04B20	5S	04	20	054	lb	171 lb	83 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200103	Drum	W2	Lot 13 Female	744G/S02A14	5S	02	14	054	lb	173 lb	83 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200104	Drum	W2	Lot 13 Female	744G/S03A18	5S	03	18	054	lb	176 lb	86 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200105	Drum	W2	Lot 13 Female	744G/S03A18	5S	03	18	054	lb	169 lb	79 lb	90	75.788	1.92	30939	90	75.788	1.92	30939
W200106	Drum	W2	Lot 13 Female	744G/S04B20	5S	04	20	054	lb	173 lb	85 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200107	Drum	W2	Lot 13 Female	744G/S03A26	5S	03	26	054	lb	175 lb	85 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200108	Drum	W2	Lot 13 Female	744G/S03A26	5S	03	26	054	lb	171 lb	81 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200109	Drum	W2	Lot 13 Female	744G/S04B20	5S	04	20	054	lb	171 lb	81 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200110	Drum	W2	Lot 13 Female	744G/S03A22	5S	03	22	054	lb	175 lb	85 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200111	Drum	W2	Lot 13 Female	744G/S03A22	5S	03	22	054	lb	170 lb	80 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200112	Drum	W2	Lot 13 Female	744G/S05A22	5S	05	22	054	lb	173 lb	83 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200113	Drum	W2	Lot 13 Female	744G/S01A24	5S	01	24	054	lb	202.5 lb	82.5 lb	120	75.167	1.8	40914	120	75.167	1.8	40914
W200114	Drum	W2	Lot 13 Female	744G/S01A24	5S	01	24	054	lb	197.5 lb	77.5 lb	120	75.834	1.795	41277	120	75.834	1.795	41277
W200115	Drum	W2	Lot 13 Female	744G/S02A15	5S	02	15	054	lb	197 lb	77 lb	120	75.8	1.795	41259	120	75.8	1.795	41259
W200116	Drum	W2	Lot 13 Female	744G/S02A15	5S	02	15	054	lb	196 lb	76 lb	120	75.8	1.795	41259	120	75.8	1.795	41259
W200117	Drum	W2	Lot 13 Female	744G/S05A21	5S	05	21	054	lb	200 lb	80 lb	120	75.834	1.795	41277	120	75.834	1.795	41277
W200118	Drum	W2	Lot 13 Female	744G/S01B27	5S	01	27	054	lb	196.5 lb	76.5 lb	120	75.8	1.795	41259	120	75.8	1.795	41259
W200119	Drum	W2	Lot 13 Female	744G/S01B27	5S	01	27	054	lb	199 lb	79 lb	120	75.8	1.795	41259	120	75.8	1.795	41259
W200120	Drum	W2	Lot 13 Female	744G/S02A15	5S	02	15	054	lb	199 lb	79 lb	120	75.8	1.795	41259	120	75.8	1.795	41259
W200121	Drum	W2	Lot 13 Female	744G/S02B24	5S	02	24	054	lb	199 lb	79 lb	120	75.834	1.795	41277	120	75.834	1.795	41277
W200122	Drum	W2	Lot 13 Female	744G/S03B25	5S	03	25	054	lb	200 lb	80 lb	120	75.834	1.795	41277	120	75.834	1.795	41277
W200123	Drum	W2	Lot 13 Female	744G/S03B28	5S	03	28	054	lb	197.5 lb	77.5 lb	120	75.8	1.795	41259	120	75.8	1.795	41259
W200124	Drum	W2	Lot 13 Female	744G/S03B28	5S	03	28	054	lb	201 lb	81 lb	120	75.8	1.795	41259	120	75.8	1.795	41259
W200125	Drum	W2	Lot 13 Female	744G/S02A16	5S	02	16	054	lb	167 lb	77 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200126	Drum	W2	Lot 13 Female	744G/S05A21	5S	05	21	054	lb	168 lb	78 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200127	Drum	W2	Lot 13 Female	744G/S05B22	5S	05	22	054	lb	173 lb	83 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200128	Drum	W2	Lot 13 Female	744G/S03A18	5S	03	18	054	lb	169 lb	79 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200129	Drum	W2	Lot 13 Female	744G/S03B28	5S	03	28	054	lb	172 lb	82 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200130	Drum	W2	Lot 13 Female	744G/S02A16	5S	02	16	054	lb	170 lb	80 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200131	Drum	W2	Lot 13 Female	744G/S05A21	5S	05	21	054	lb	168 lb	78 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200132	Drum	W2	Lot 13 Female	744G/S05B22	5S	05	22	054	lb	173 lb	83 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200133	Drum	W2	Lot 13 Female	744G/S03A18	5S	03	18	054	lb	169 lb	79 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200134	Drum	W2	Lot 13 Female	744G/S05A22	5S	05	22	054	lb	172 lb	82 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200135	Drum	W2	Lot 13 Female	744G/S04A14	5S	04	14	054	lb	170 lb	80 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200137	Drum	W2	Lot 13 Female	744G/S04A14	5S	04	14	054	lb	168 lb	78 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200138	Drum	W2	Lot 13 Female	744G/S04B17	5S	04	17	054	lb	171 lb	81 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200139	Drum	W2	Lot 13 Female	744G/S04B17	5S	04	17	054	lb	174 lb	84 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200140	Drum	W2	Lot 13 Female	744G/S04B17	5S	04	17	054	lb	173 lb	83 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200146	Drum	W2	Lot 13 Female	744G/S03B14	5S	03	14	054	lb	167 lb	77 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200147	Drum	W2	Lot 13 Female	744G/S02A14	5S	02	14	054	lb	172 lb	82 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200148	Drum	W2	Lot 13 Female	744G/S02A14	5S	02	14	054	lb	172 lb	82 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200149	Drum	W2	Lot 13 Female	744G/S05B14	5S	05	14	054	lb	167 lb	77 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200150	Drum	W2	Lot 13 Female	744G/S01A12	5S	01	12	000	lb	80.5 lb	80.5 lb	0	0	0	0	0	0	0	0
W200152	Drum	W2	Lot 13 Female	744G/S04A17	5S	04	17	054	lb	172 lb	82 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200153	Drum	W2	Lot 13 Female	744G/S05B22	5S	05	22	054	lb	168 lb	78 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200155	Drum	W2	Lot 13 Female	744G/S05A22	5S	05	22	054	lb	171 lb	81 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200159	Drum	W2	Lot 13 Female	744G/S01A17	5S	01	14	054	lb	170 lb	80 lb	90	75.778	1.92	30935	90	75.778	1.92	30935
W200162	Drum	W2	Lot 13 Female	744G/S01A24	5S	01	24	054	lb	199.5 lb	79.5 lb	120	75.167	1.8	40914	120	75.167	1.8	40914
W200163	Drum	W2	Lot 13 Female	744G/S05A22	5S	05	22	054	lb	170 lb	80 lb	90	75.778	1.951	30935	90	75.778	1.951	30935
W200169	Drum	W2	Lot 13 Female	744G/S01A24	5S	01	24	054	lb	199 lb	79 lb	120	75.167	1.8	40914	120	75.167	1.8	40914
W200175	Drum	W2	Lot 13 Female	744G/S02B24	5S	02	24	054	lb	199.5 lb	79.5 lb	120	75.834	1.795	41277	120	75.834	1.795	41277
W200176	Drum	W2	Lot 13 Female	744G/S02B27	5S	02	27	054	lb	198.5 lb	78.5 lb	120	75.8	1.795	41259	120	75.8	1.795	41259
W200179	Drum	W2	Lot 13 Female	744G/S02B27	5S	02	27	054	lb										

ContainerID	Container Type	SizeCode	Description/Lot	Location	Location	Loc Section	Loc Row	Loc Positio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
W200190	Drum	W2	Lot 13 Female	744G/S05A27	5S	05	27	054	lb	lb	202.5	lb	82.5	lb	120	75.8	1.795	41259
W200191	Drum	W2	Lot 13 Female	744G/S05B27	5S	02	27	054	lb	lb	200	lb	80	lb	120	75.8	1.795	41259
W200192	Drum	W2	Lot 13 Female	744G/S05A28	5S	05	28	054	lb	lb	204.5	lb	84.5	lb	120	75.8	1.795	41259
W200194	Drum	W2	Lot 13 Female	744G/S03B25	5S	03	25	054	lb	lb	201	lb	81	lb	120	75.834	1.795	41277
W200195	Drum	W2	Lot 13 Female	744G/S05A28	5S	05	28	054	lb	lb	200	lb	80	lb	120	75.8	1.795	41259
W200196	Drum	W2	Lot 13 Female	744G/S05A29	5S	05	29	054	lb	lb	198.5	lb	78.5	lb	120	75.8	1.795	41259
W200197	Drum	W2	Lot 13 Female	744G/S05A19	5S	05	19	054	lb	lb	201.5	lb	81.5	lb	120	75.834	1.795	41277
W200198	Drum	W2	Lot 13 Female	744G/S05A29	5S	05	29	054	lb	lb	204	lb	84	lb	120	75.8	1.795	41259
W200199	Drum	W2	Lot 13 Female	744G/S05B29	5S	05	29	054	lb	lb	205	lb	85	lb	120	75.8	1.795	41259
W200200	Drum	W2	Lot 13 Female	744G/S05A27	5S	05	27	054	lb	lb	201	lb	81	lb	120	75.8	1.795	41259
W200201	Drum	W2	Lot 13 Female	744G/S05A27	5S	05	27	054	lb	lb	199.5	lb	79.5	lb	120	75.8	1.795	41259
W200203	Drum	W2	Lot 13 Female	744G/S05A27	5S	05	27	054	lb	lb	198	lb	78	lb	120	75.8	1.795	41259
W200204	Drum	W2	Lot 13 Female	744G/S05A28	5S	05	28	054	lb	lb	200.5	lb	80.5	lb	120	75.8	1.795	41259
W200205	Drum	W2	Lot 13 Female	744G/S03B27	5S	03	27	054	lb	lb	199.5	lb	79.5	lb	120	75.8	1.795	41259
W200207	Drum	W2	Lot 13 Female	744G/S02B27	5S	02	27	054	lb	lb	202	lb	82	lb	120	75.8	1.795	41259
W200209	Drum	W2	Lot 13 Female	744G/S03B27	5S	03	27	054	lb	lb	203	lb	83	lb	120	75.8	1.795	41259
W200210	Drum	W2	Lot 13 Female	744G/S05B27	5S	05	27	054	lb	lb	137	lb	81.1	lb	55.9	75.8	1.92	19220
W200211	Drum	W2	Lot 13 Female	744G/S04B28	5S	04	28	054	lb	lb	135	lb	79.1	lb	55.9	75.8	1.92	19220
W200212	Drum	W2	Lot 13 Female	744G/S05A29	5S	05	29	054	lb	lb	199.5	lb	79.5	lb	120	75.8	1.795	41259
W200213	Drum	W2	Lot 13 Female	744G/S05A28	5S	05	28	054	lb	lb	202	lb	82	lb	120	75.8	1.795	41259
W200214	Drum	W2	Lot 13 Female	744G/S05A19	5S	05	19	054	lb	lb	147	lb	79	lb	68	75.145	1.8	23178
W200215	Drum	W2	Lot 13 Female	744G/S03B27	5S	03	27	054	lb	lb	204.5	lb	84.5	lb	120	75.2	1.8	40932
W200217	Drum	W2	Lot 13 Female	744G/S05A19	5S	05	19	054	lb	lb	146.5	lb	76.5	lb	70	75.143	1.8	23859
W200218	Drum	W2	Lot 13 Female	744G/S05B27	5S	05	27	054	lb	lb	134	lb	78	lb	56	75.8	1.92	19254
W200219	Drum	W2	Lot 13 Female	744G/S05B28	5S	05	28	054	lb	lb	135	lb	79	lb	56	75.8	1.92	19254
W200220	Drum	W2	Lot 13 Female	744G/S04A15	5S	04	15	054	lb	lb	199	lb	79	lb	120	75.834	1.795	41277
W200221	Drum	W2	Lot 13 Female	744G/S01B19	5S	01	19	054	lb	lb	199.5	lb	79.5	lb	120	75.167	1.8	40914
W200222	Drum	W2	Lot 13 Female	744G/S02B26	5S	02	26	054	lb	lb	201	lb	81	lb	120	75.2	1.8	40932
W200223	Drum	W2	Lot 13 Female	744G/S02B26	5S	02	26	054	lb	lb	197	lb	77	lb	120	75.2	1.8	40932
W200224	Drum	W2	Lot 13 Female	744G/S02B26	5S	02	26	054	lb	lb	197.5	lb	77.5	lb	120	75.8	1.795	41259
W200225	Drum	W2	Lot 13 Female	744G/S02B26	5S	02	26	054	lb	lb	199	lb	79	lb	120	75.8	1.795	41259
W200226	Drum	W2	Lot 13 Female	744G/S01B19	5S	01	19	054	lb	lb	199	lb	79	lb	120	75.167	1.8	40914
W200227	Drum	W2	Lot 13 Female	744G/S04A15	5S	04	15	054	lb	lb	199.5	lb	79.5	lb	120	75.167	1.8	40914
W200228	Drum	W2	Lot 13 Female	744G/S04A15	5S	04	15	054	lb	lb	198	lb	78	lb	120	75.834	1.795	41277
W200229	Drum	W2	Lot 13 Female	744G/S01B19	5S	01	19	054	lb	lb	201	lb	81	lb	120	75.834	1.795	41277
W200230	Drum	W2	Lot 13 Female	744G/S01B19	5S	01	19	054	lb	lb	202.5	lb	82.5	lb	120	75.834	1.795	41277
W200231	Drum	W2	Lot 13 Female	744G/S04A15	5S	04	15	054	lb	lb	200	lb	80	lb	120	75.834	1.795	41277
W200233	Drum	W2	Lot 13 Female	744G/S01A12	5S	01	12	000	lb	lb	80	lb	0	lb	0	0	0	0
W200236	Drum	W2	Lot 13 Female	744G/S04B28	5S	04	28	054	lb	lb	135.5	lb	79.5	lb	56	75.8	1.92	19254
W200237	Drum	W2	Lot 13 Female	744G/S04A28	5S	04	28	054	lb	lb	136	lb	80	lb	56	75.8	1.92	19254
W200238	Drum	W2	Lot 13 Female	744G/S05B27	5S	05	27	054	lb	lb	133	lb	76.9	lb	56.1	75.8	1.92	19288
W200239	Drum	W2	Lot 13 Female	744G/S05B29	5S	05	29	054	lb	lb	198.5	lb	78.5	lb	120	75.8	1.795	41259
W200240	Drum	W2	Lot 13 Female	744G/S04B27	5S	04	27	054	lb	lb	136	lb	79.9	lb	56.1	75.8	1.92	19288
W200241	Drum	W2	Lot 13 Female	744G/S04B27	5S	04	27	054	lb	lb	135	lb	79	lb	56	75.8	1.92	19254
W200242	Drum	W2	Lot 13 Female	744G/S03A29	5S	03	29	054	lb	lb	201	lb	81	lb	120	75.2	1.8	40932
W200244	Drum	W2	Lot 13 Female	744G/S01B27	5S	01	27	054	lb	lb	198	lb	78	lb	120	75.8	1.795	41259
W200245	Drum	W2	Lot 13 Female	744G/S05B29	5S	05	29	054	lb	lb	199	lb	79	lb	120	75.8	1.795	41259
W200248	Drum	W2	Lot 13 Female	744G/S03B29	5S	03	29	054	lb	lb	202.5	lb	82.5	lb	120	75.8	1.795	41259
W200249	Drum	W2	Lot 13 Female	744G/S01B27	5S	01	27	054	lb	lb	199.5	lb	79.5	lb	120	75.8	1.795	41259
W200250	Drum	W2	Lot 13 Female	744G/S01A25	5S	01	25	054	lb	lb	204	lb	84	lb	120	75.834	1.795	41277
W200251	Drum	W2	Lot 13 Female	744G/S01A25	5S	01	25	054	lb	lb	199	lb	79	lb	120	75.834	1.795	41277
W200252	Drum	W2	Lot 13 Female	744G/S01B21	5S	01	21	054	lb	lb	202	lb	82	lb	120	75.834	1.7952	41277
W200253	Drum	W2	Lot 13 Female	744G/S01B21	5S	01	21	054	lb	lb	205	lb	85	lb	120	75.834	1.7952	41277
W200254	Drum	W2	Lot 13 Female	744G/S05A26	5S	05	26	054	lb	lb	200.5	lb	80.5	lb	120	75.8	1.795	41259
W200255	Drum	W2	Lot 13 Female	744G/S05A26	5S	05	26	054	lb	lb	201	lb	81	lb	120	75.8	1.795	41259
W200256	Drum	W2	Lot 13 Female	744G/S05A26	5S	05	26	054	lb	lb	203.5	lb	83.5	lb	120	75.8	1.795	41259
W200257	Drum	W2	Lot 13 Female	744G/S05A26	5S	05	26	054	lb	lb	201.5	lb	81.5	lb	120	75.8	1.795	41259
W200258	Drum	W2	Lot 13 Female	744G/S01B21	5S	01	21	054	lb	lb	205	lb	85	lb	120	75.834	1.795	41277
W200259	Drum	W2	Lot 13 Female	744G/S01B21	5S	01	21	054	lb	lb	201	lb	81	lb	120	75.834	1.7952	41277
W200260	Drum	W2	Lot 13 Female	744G/S01A25	5S	01	25	054	lb	lb	204	lb	84	lb	120	75.834	1.795	41277
W200261	Drum	W2	Lot 13 Female	744G/S01A25	5S	01	25	054	lb	lb	199	lb	79	lb	120	75.834	1.795	41277
W200262	Drum	W2	Lot 13 Female	744G/S03A29	5S	03	29	054	lb	lb	202	lb	82	lb	120	75.8	1.795	41259
W200263	Drum	W2	Lot 13 Female	744G/S03B29	5S	03	29	054	lb	lb	201.5	lb	81.5	lb	120	75.8	1.795	41259
W200266	Drum	W2	Lot 13 Female	744G/S04A28	5S	04	28	054	lb	lb	136	lb	80.4	lb	55.6	75.8	1.92	19116
W200267	Drum	W2	Lot 13 Female	744G/S03A29	5S	03	29	054	lb	lb	201.5	lb	81.5	lb	120	75.8	1.795	41259
W200268	Drum	W2	Lot 13 Female	744G/S03A29	5S	03	29	054	lb	lb	202	lb	82	lb	120	75.2	1.8	40932
W200269	Drum	W2	Lot 13 Female	744G/S03B29	5S	03	29	054	lb	lb	200	lb	80	lb	120	75.8	1.795	41259
W200270	Drum	W2	Lot 13 Female	744G/S05B29	5S	05	29	054	lb	lb	201	lb	81	lb	120	75.8	1.795	41259

ContainerID	Container Type	SizeCode	Description/Lot	Location	Location	Loc Section	Loc Row	Loc Positio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	NetUnit	NetWeight	Purity	Assay	Grams
W200271	Drum	W2	Lot 13 Female	744G/S05A29	5S	05	29	054	lb	lb	202	lb	82	lb	120	75.8	1.795	41259
W200272	Drum	W2	Lot 13 Female	744G/S05B27	5S	03	27	054	lb	lb	139	lb	83	lb	56	75.8	1.92	19254
W200273	Drum	W2	Lot 13 Female	744G/S05B29	5S	03	29	054	lb	lb	206.5	lb	86.5	lb	120	75.2	1.8	40932
W200275	Drum	W2	Lot 13 Female	744G/S04B28	5S	04	28	054	lb	lb	137	lb	81.3	lb	55.7	75.8	1.92	19151
W200276	Drum	W2	Lot 13 Female	744G/S01A13	5S	01	13	000	lb	lb	80.5	lb	80.5	lb	0	0	0	0
W200278	Drum	W2	Lot 13 Female	744G/S01A13	5S	01	13	000	lb	lb	79.5	lb	79.5	lb	0	0	0	0
W200279	Drum	W2	Lot 13 Female	744G/S01A13	5S	01	13	000	lb	lb	79.5	lb	79.5	lb	0	0	0	0
W200280	Drum	W2	Lot 13 Female	744G/S05B28	5S	05	28	054	lb	lb	139	lb	81.9	lb	57.1	75.8	1.92	19632
W200282	Drum	W2	Lot 13 Female	744G/S04A27	5S	04	27	054	lb	lb	141.5	lb	85.3	lb	56.2	75.8	1.92	19323
W200283	Drum	W2	Lot 13 Female	744G/S04A27	5S	04	27	054	lb	lb	135	lb	78.9	lb	56.1	75.8	1.92	19288
W200288	Drum	W2	Lot 13 Female	744G/S01B27	5S	01	27	054	lb	lb	136.5	lb	80.3	lb	56.2	75.8	1.92	19323
W200289	Drum	W2	Lot 13 Female	744G/S01B27	5S	04	27	054	lb	lb	134	lb	78	lb	56	75.8	1.92	19254
W200292	Drum	W2	Lot 13 Female	744G/S05A24	5S	05	24	054	lb	lb	201.5	lb	81.5	lb	120	75.167	1.8	40914
W200294	Drum	W2	Lot 13 Female	744G/S05A28	5S	04	28	054	lb	lb	138.5	lb	83.9	lb	54.6	75.8	1.92	18773
W200295	Drum	W2	Lot 13 Female	744G/S04A27	5S	04	27	054	lb	lb	136	lb	80	lb	56	75.8	1.92	19254
W200296	Drum	W2	Lot 13 Female	744G/S04B27	5S	04	27	054	lb	lb	136	lb	80.9	lb	55.1	75.8	1.92	18945
W200297	Drum	W2	Lot 13 Female	744G/S05B28	5S	05	28	054	lb	lb	138.5	lb	81.8	lb	56.7	75.8	1.92	19495
W200298	Drum	W2	Lot 13 Female	744G/S04A28	5S	04	28	054	lb	lb	136.5	lb	80.5	lb	56	75.8	1.92	19254
W200299	Drum	W2	Lot 13 Female	744G/S04B28	5S	04	28	054	lb	lb	137.5	lb	81.5	lb	56	75.8	1.92	19254
W200300	Drum	W2	Lot 13 Female	744G/S05B28	5S	05	28	054	lb	lb	135.5	lb	82.4	lb	53.1	75.8	1.92	18257
W200303	Drum	W2	Lot 13 Female	744G/S01A12	5S	01	12	000	lb	lb	84	lb	84	lb	0	0	0	0
W200304	Drum	W2	Lot 13 Female	744G/S04A27	5S	04	27	054	lb	lb	137.5	lb	80.1	lb	57.4	75.8	1.92	19735
W200306	Drum	W2	Lot 13 Female	744G/S05A12	05	01	12	000	lb	lb	82	lb	82	lb	0	0	0	0
W200309	Drum	W2	Lot 13 Female	744G/S05A12	5S	01	12	000	lb	lb	78.5	lb	78.5	lb	0	0	0	0
W200311	Drum	W2	Lot 13 Female	744G/S01A12	5S	01	12	000	lb	lb	81.5	lb	81.5	lb	0	0	0	0
W200313	Drum	W2	Lot 13 Female	744G/S02A25	5S	02	25	054	lb	lb	144.5	lb	76.5	lb	68	75.8	1.951	23380
W200316	Drum	W2	Lot 13 Female	744G/S01A13	5S	01	13	000	lb	lb	84	lb	84	lb	0	0	0	0
W200321	Drum	W2	Lot 13 Female	744G/S02B24	5S	02	24	054	lb	lb	152.5	lb	77.5	lb	75	75.866	1.951	25809
W200324	Drum	W2	Lot 13 Female	744G/S01A21	5S	01	21	054	lb	lb	200.5	lb	80.5	lb	120	75.167	1.8	40914
W200325	Drum	W2	Lot 13 Female	744G/S01A27	5S	01	27	054	lb	lb	150	lb	77	lb	73	75.8	1.951	25099
W200326	Drum	W2	Lot 13 Female	744G/S01A27	5S	01	27	054	lb	lb	149	lb	77	lb	72	75.8	1.951	24755
W200327	Drum	W2	Lot 13 Female	744G/S01A27	5S	01	27	054	lb	lb	150	lb	76	lb	74	75.8	1.951	25443
W200335	Drum	W2	Lot 13 Female	744G/S02A27	5S	02	27	054	lb	lb	151	lb	78	lb	73	75.8	1.951	25099
W200336	Drum	W2	Lot 13 Female	744G/S02A27	5S	02	27	054	lb	lb	142	lb	79	lb	63	75.8	1.951	21661
W200337	Drum	W2	Lot 13 Female	744G/S02A27	5S	02	27	054	lb	lb	132	lb	77	lb	55	75.8	1.951	18910
W200338	Drum	W2	Lot 13 Female	744G/S02A27	5S	02	27	054	lb	lb	169	lb	81	lb	88	75.8	1.951	30256
W200343	Drum	W2	Lot 13 Female	744G/S03A15	5S	03	15	054	lb	lb	200	lb	80	lb	120	75.8	1.795	41259
W200344	Drum	W2	Lot 13 Female	744G/S03A15	5S	03	15	054	lb	lb	201	lb	81	lb	120	75.8	1.795	41259
W200345	Drum	W2	Lot 13 Female	744G/S03A15	5S	03	15	054	lb	lb	202	lb	82	lb	120	75.8	1.795	41259
W200346	Drum	W2	Lot 13 Female	744G/S03A15	5S	03	15	054	lb	lb	201	lb	81	lb	120	75.8	1.795	41259
W200347	Drum	W2	Lot 13 Female	744G/S02B25	5S	02	25	054	lb	lb	200	lb	80	lb	120	75.834	1.795	41277
W200348	Drum	W2	Lot 13 Female	744G/S02B25	5S	02	25	054	lb	lb	203	lb	83	lb	120	75.834	1.795	41277
W200349	Drum	W2	Lot 13 Female	744G/S02B25	5S	02	25	054	lb	lb	202	lb	82	lb	120	75.834	1.795	41277
W200350	Drum	W2	Lot 13 Female	744G/S02B25	5S	02	25	054	lb	lb	200.5	lb	80.5	lb	120	75.834	1.795	41277
W200351	Drum	W2	Lot 13 Female	744G/S01B26	5S	01	26	054	lb	lb	199	lb	79	lb	120	75.834	1.795	41277
W200352	Drum	W2	Lot 13 Female	744G/S01B26	5S	01	26	054	lb	lb	199.5	lb	79.5	lb	120	75.834	1.795	41277
W200353	Drum	W2	Lot 13 Female	744G/S01B24	5S	04	24	054	lb	lb	200.5	lb	80.5	lb	120	75.834	1.795	41277
W200354	Drum	W2	Lot 13 Female	744G/S04B24	5S	04	24	054	lb	lb	200.5	lb	80.5	lb	120	75.834	1.795	41277
W200355	Drum	W2	Lot 13 Female	744G/S03B25	5S	03	25	054	lb	lb	204	lb	84	lb	120	75.834	1.795	41277
W200356	Drum	W2	Lot 13 Female	744G/S04B24	5S	04	24	054	lb	lb	202	lb	82	lb	120	75.834	1.795	41277
W200357	Drum	W2	Lot 13 Female	744G/S04B24	5S	04	24	054	lb	lb	199	lb	79	lb	120	75.834	1.795	41277
W200358	Drum	W2	Lot 13 Female	744G/S01A27	5S	01	27	054	lb	lb	156	lb	80	lb	76	75.8	1.951	26130
W200359	Drum	W2	Lot 13 Female	744G/S01B26	5S	01	26	054	lb	lb	200	lb	80	lb	120	75.834	1.795	41277
W200360	Drum	W2	Lot 13 Female	744G/S01A21	5S	01	21	054	lb	lb	202.5	lb	82.5	lb	120	75.834	1.795	41277
W200361	Drum	W2	Lot 13 Female	744G/S01B26	5S	01	26	054	lb	lb	200	lb	80	lb	120	75.834	1.795	41277
W201888	Drum	W2	Lot 13 Female	744G/S04B25	5S	04	25	054	lb	lb	170	lb	80	lb	90	75.778	1.92	30935
W201889	Drum	W2	Lot 13 Female	744G/S01B25	5S	01	25	054	lb	lb	167	lb	77	lb	90	75.778	1.92	30935
W201976	Drum	W2	Lot 13 Female	744G/0701B01	07	01	01	054	lb	lb	147	lb	123	lb	24	75.2	1.8	8186
W202178	Drum	W2	Lot 13 Female	744G/0701B01	07	01	01	054	lb	lb	130.5	lb	96.5	lb	34	75.8	1.794	11690
W202200	Drum	W2	Lot 13 Female	744G/0701B01	07	01	01	054	lb	lb	121.5	lb	95.5	lb	26	75.8	1.951	8939
W202285	Drum	W2	Lot 13 Female	744G/0701C03	07	01	03	054	lb	lb	154	lb	120	lb	34	75.8	1.951	11690
W202530	Drum	W2	Lot 13 Female	744G/0701C03	07	01	03	054	lb	lb	167.5	lb	114.9	lb	52.6	75.8	1.92	18085
W202544	Drum	W2	Lot 13 Female	744G/S03A21	5S	03	21	054	lb	lb	175	lb	85	lb	90	75.778	1.92	30935
W202545	Drum	W2	Lot 13 Female	744G/S03A21	5S	03	21	054	lb	lb	171	lb	81	lb	90	75.778	1.92	30935
W202546	Drum	W2	Lot 13 Female	744G/S03A21	5S	03	21	054	lb	lb	169	lb	79	lb	90	75.778	1.92	30935
W202547	Drum	W2	Lot 13 Female	744G/S03A21	5S	03	21	054	lb	lb	174	lb	84	lb	90	75.778	1.92	30935
W202548	Drum	W2	Lot 13 Female	744G/S03B26	5S	03	26	054	lb	lb	174	lb	84	lb	90	75.778	1.951	30935
W202549	Drum	W2	Lot 13 Female	744G/S02A18	5S	02	18	054	lb	lb	169	lb	79	lb	90	75.778	1.951	30935

SECTION J
ATTACHMENT J-8 C.7326 of

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight Purity	Assay	Grams
W202987	Drum	W2	Lot 11Fernald	744G0410A12	04	10	12	260	lb		208 lb	63.5 lb		144.5	99.8 1.250516	65413
W202988	Drum	W2	Lot 11Fernald	744G0412A18	04	12	18	260	lb		226 lb	79 lb		147	99.8 1.250338	66544
W202989	Drum	W2	Lot 11Fernald	744G2SE1A01	2S	0E	01	262	lb		287 lb	82 lb		205	99.8 1.249933	92800
W202970	Drum	W2	Lot 11Fernald	744G0412A03	04	12	03	262	lb		210 lb	71.55 lb		135.45	99.8 1.250713	61316
W202971	Drum	W2	Lot 11Fernald	744G0412A07	04	12	07	260	lb		210 lb	74.5 lb		135.5	99.8 1.250713	61339
W202972	Drum	W2	Lot 11Fernald	744G0412A03	04	03	03	260	lb		203 lb	72.5 lb		130.5	99.8 1.24964	59075
W202973	Drum	W2	Lot 11Fernald	744G2SE2A03	2S	0E	03	262	lb		263 lb	81 lb		182	99.8 1.250425	82388
W202977	Drum	W2	Lot 11Fernald	744G0409A20	04	09	20	260	lb		211 lb	76.5 lb		134.5	99.8 1.250164	60886
W202979	Drum	W2	Lot 11Fernald	744G0411A06	04	11	06	260	lb		212 lb	74 lb		138	99.8 1.25042	62470
W202980	Drum	W2	Lot 11Fernald	744G0411A17	04	11	17	260	lb		212 lb	72.5 lb		134.5	99.8 1.249877	60886
W202981	Drum	W2	Lot 11Fernald	744G0409A20	04	09	20	260	lb		211 lb	76.5 lb		134.5	99.8 1.249877	60886
W202982	Drum	W2	Lot 11Fernald	744G0411A03	04	11	03	260	lb		205 lb	73.5 lb		130.5	99.8 1.249259	59075
W202983	Drum	W2	Lot 11Fernald	744G0412A15	04	12	15	260	lb		205 lb	71 lb		134	99.8 1.249608	60659
W202984	Drum	W2	Lot 11Fernald	744G0411A16	04	11	16	260	lb		212 lb	74 lb		133	99.8 1.250685	60207
W202985	Drum	W2	Lot 11Fernald	744G0412A06	04	12	06	260	lb		207 lb	76.5 lb		135.5	99.8 1.250713	61339
W202986	Drum	W2	Lot 11Fernald	744G2SE1A05	2S	0E	05	260	lb		262 lb	75 lb		187	99.8 1.249823	84652
W202987	Drum	W2	Lot 11Fernald	744G0411A06	04	11	06	260	lb		185 lb	73.5 lb		111.5	99.8 1.249876	50474
W202989	Drum	W2	Lot 11Fernald	744G0412A13	04	12	13	260	lb		203 lb	73 lb		130	99.8 1.250658	58849
W202990	Drum	W2	Lot 11Fernald	744G0409A05	04	09	05	260	lb		207 lb	74.5 lb		125.5	99.8 1.250242	56812
W202991	Drum	W2	Lot 11Fernald	744G0410A19	04	10	19	260	lb		200 lb	69.5 lb		137.5	99.8 1.250141	62244
W202992	Drum	W2	Lot 11Fernald	744G0412A20	04	12	20	262	lb		205 lb	71.5 lb		133.5	99.8 1.249628	60433
W202993	Drum	W2	Lot 11Fernald	744G0412A14	04	12	14	262	lb		210 lb	75.5 lb		134.5	99.8 1.250164	60886
W202996	Drum	W2	Lot 11Fernald	744G0409A13	04	09	13	260	lb		208 lb	71.5 lb		136.5	99.8 1.249616	61791
W202997	Drum	W2	Lot 11Fernald	744G0409A06	04	09	06	262	lb		215 lb	76.5 lb		138.5	99.8 1.250678	62697
W202998	Drum	W2	Lot 11Fernald	744G0411A20	04	11	20	260	lb		203 lb	70.5 lb		132.5	99.8 1.25073	59980
W203001	Drum	W2	Lot 11Fernald	744G0410A03	04	10	03	260	lb		182 lb	72 lb		110	99.8 1.250904	49795
W203002	Drum	W2	Lot 11Fernald	744G0411A20	04	11	20	260	lb		209 lb	74.5 lb		134.5	99.8 1.250164	60886
W203003	Drum	W2	Lot 11Fernald	744G0410A03	04	10	03	262	lb		208 lb	73.5 lb		134.5	99.8 1.250164	60886
W203004	Drum	W2	Lot 11Fernald	744G0410A14	04	10	14	262	lb		210 lb	75 lb		135	99.8 1.25043	61112
W203005	Drum	W2	Lot 11Fernald	744G0411A10	04	11	10	262	lb		162 lb	67 lb		95	99.8 1.251163	43005
W203006	Drum	W2	Lot 11Fernald	744G0411A18	04	11	18	262	lb		214 lb	74.5 lb		139.5	99.8 1.249426	63149
W203007	Drum	W2	Lot 11Fernald	744G0411A18	04	11	18	262	lb		201 lb	75 lb		126	99.8 1.250044	57038
W203008	Drum	W2	Lot 11Fernald	744G0202A01	02	02	01	262	lb		265 lb	75 lb		190	99.8 1.249985	86010
W203009	Drum	W2	Lot 11Fernald	744G0412A12	04	12	12	262	lb		169 lb	70.5 lb		98.5	99.8 1.249215	44589
W203010	Drum	W2	Lot 11Fernald	744G0410A18	04	10	18	262	lb		209 lb	73 lb		136	99.8 1.250975	61565
W203011	Drum	W2	Lot 11Fernald	744G2SE2A01	2S	0E	01	260	lb		267 lb	77 lb		190	99.8 1.249985	86010
W203012	Drum	W2	Lot 11Fernald	744G2SE1A05	2S	0E	05	262	lb		285 lb	206		206	99.8 1.250362	93253
W203013	Drum	W2	Lot 11Fernald	744G0409A01	04	09	01	262	lb		198 lb	74.5 lb		123.5	99.8 1.249821	55906
W203014	Drum	W2	Lot 11Fernald	744G0411A10	04	11	10	262	lb		195 lb	67 lb		128	99.8 1.249935	57943
W203015	Drum	W2	Lot 11Fernald	744G2SE1A05	2S	0E	05	260	lb		283 lb	76.5 lb		206.5	99.8 1.250468	93479
W203016	Drum	W2	Lot 11Fernald	744G0410A18	04	10	18	262	lb		210 lb	74.5 lb		135.5	99.8 1.250428	61339
W203017	Drum	W2	Lot 11Fernald	744G0412A18	04	12	18	260	lb		212 lb	75.5 lb		136.5	99.8 1.249616	61791
W203018	Drum	W2	Lot 11Fernald	744G0409A08	04	09	08	262	lb		208 lb	73.5 lb		134.5	99.8 1.249877	60886
W203020	Drum	W2	Lot 11Fernald	744G0412A11	04	12	11	260	lb		221 lb	143.5		143.5	99.8 1.250115	64960
W203022	Drum	W2	Lot 11Fernald	744G0409A13	04	09	13	260	lb		230 lb	76.5 lb		153.5	99.8 1.25054	69487
W203023	Drum	W2	Lot 11Fernald	744G0412A05	04	12	05	262	lb		157 lb	83		83	99.8 1.248769	37573
W203024	Drum	W2	Lot 11Fernald	744G0410A07	04	10	07	260	lb		209 lb	73.5 lb		135.5	99.8 1.250428	61339
W203025	Drum	W2	Lot 11Fernald	744G0409A08	04	09	08	260	lb		214 lb	76.5 lb		137.5	99.8 1.250141	62244
W203026	Drum	W2	Lot 11Fernald	744G0409A14	04	09	14	262	lb		210 lb	74.5 lb		135.5	99.8 1.250713	61339
W203027	Drum	W2	Lot 11Fernald	744G0411A13	04	11	13	260	lb		178 lb	106.5		106.5	99.8 1.250596	48211
W203028	Drum	W2	Lot 11Fernald	744G0412A17	04	12	17	260	lb		214 lb	73.5 lb		140.5	99.8 1.250138	63602
W203029	Drum	W2	Lot 11Fernald	744G0409A13	04	09	13	260	lb		180 lb	77.5 lb		102.5	99.8 1.249946	46400
W203030	Drum	W2	Lot 11Fernald	744G0411A14	04	11	14	260	lb		193 lb	72 lb		121	99.8 1.250571	54775
W203031	Drum	W2	Lot 11Fernald	744G0411A18	04	11	18	260	lb		206 lb	73.5 lb		132.5	99.8 1.25073	59980
W203032	Drum	W2	Lot 11Fernald	744G0410A07	04	10	07	260	lb		212 lb	75.5 lb		136.5	99.8 1.250713	61791
W203033	Drum	W2	Lot 11Fernald	744G0410A13	04	10	13	260	lb		182 lb	73.5 lb		108.5	99.8 1.249898	49116
W203034	Drum	W2	Lot 11Fernald	744G0411A12	04	11	12	260	lb		201 lb	75.5 lb		125.5	99.8 1.250242	56812
W203035	Drum	W2	Lot 11Fernald	744G0411A14	04	11	14	260	lb		223 lb	77.5 lb		145.5	99.8 1.249526	65865
W203036	Drum	W2	Lot 11Fernald	744G0412A15	04	12	15	260	lb		205 lb	73 lb		132	99.8 1.250126	59754
W203037	Drum	W2	Lot 11Fernald	744G2SE2A04	2S	0E	04	260	lb		253 lb	176		176	99.8 1.250471	79672
W203039	Drum	W2	Lot 11Fernald	744G0410A10	04	10	10	260	lb		207 lb	73 lb		134	99.8 1.249897	60659
W203041	Drum	W2	Lot 11Fernald	744G0412A13	04	12	13	260	lb		207 lb	74.5 lb		132.5	99.8 1.250417	59980
W203044	Drum	W2	Lot 11Fernald	744G0411A12	04	11	12	262	lb		205.5 lb	69 lb		136.5	99.8 1.249373	61791
W203045	Drum	W2	Lot 11Fernald	744G2SE1A01	2S	0E	01	262	lb		262 lb	72.5 lb		189.5	99.8 1.249665	85783
W203046	Drum	W2	Lot 11Fernald	744G0410A11	04	10	11	262	lb		206 lb	78 lb		128	99.8 1.249935	57943
W203047	Drum	W2	Lot 11Fernald	744G0412A03	04	12	13	260	lb		197 lb	72.5 lb		124.5	99.8 1.249135	56359
W203048	Drum	W2	Lot 11Fernald	744G0410A13	04	10	03	260	lb		213 lb	77.5 lb		135.5	99.8 1.250713	61339
W203049	Drum	W2	Lot 11Fernald	744G0412A15	04	12	15	260	lb		207 lb	71.5 lb		135.5	99.8 1.251305	61339

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
W2030350	Drum	W2	Lot 11Femald	744G0410A20	04	10	20	262	lb		209 lb	77 lb	77 lb	132	99.8	1.25046	59754
W2030351	Drum	W2	Lot 11Femald	744G0410A18	04	10	18	262	lb		189 lb	72 lb	72 lb	117	99.8	1.24952	52964
W2030352	Drum	W2	Lot 11Femald	744G0409A09	04	09	09	260	lb		188 lb	72 lb	72 lb	116	99.8	1.250809	52511
W2030353	Drum	W2	Lot 11Femald	744G0409A13	2S	0E	03	260	lb		275 lb	74.5 lb	74.5 lb	200.5	99.8	1.25051	90763
W2030356	Drum	W2	Lot 11Femald	744G0409A17	04	09	17	260	lb		212 lb	73.5 lb	73.5 lb	138.5	99.8	1.250678	62697
W2030357	Drum	W2	Lot 11Femald	744G0410A05	04	12	05	262	lb		144 lb	73.5 lb	73.5 lb	70.5	99.8	1.249491	31914
W2030358	Drum	W2	Lot 11Femald	744G0410A05	04	10	05	262	lb		208 lb	73 lb	73 lb	135	99.8	1.25043	61112
W2030359	Drum	W2	Lot 11Femald	744G2SE1A03	2S	0E	03	260	lb		287 lb	79 lb	79 lb	208	99.8	1.249934	94158
W2030360	Drum	W2	Lot 11Femald	744G2SE2A02	2S	0E	02	260	lb		233 lb	73.5 lb	73.5 lb	159.5	99.8	1.250485	72203
W2030361	Drum	W2	Lot 11Femald	744G0411A10	04	11	10	262	lb		208 lb	72 lb	72 lb	136	99.8	1.24935	61565
W2030362	Drum	W2	Lot 11Femald	744G0409A04	04	09	04	262	lb		180 lb	74 lb	74 lb	106	99.8	1.250417	47984
W2030363	Drum	W2	Lot 11Femald	744G0409A16	04	09	16	262	lb		212 lb	75 lb	75 lb	137	99.8	1.249879	62018
W2030366	Drum	W2	Lot 11Femald	744G0412A12	04	12	12	262	lb		210 lb	75 lb	75 lb	135	99.8	1.25043	61112
W2030367	Drum	W2	Lot 11Femald	744G0409A15	04	09	15	262	lb		211 lb	77 lb	77 lb	134	99.8	1.249897	60659
W2030368	Drum	W2	Lot 11Femald	744G0412A02	04	12	02	262	lb		193 lb	76 lb	76 lb	117	99.8	1.249552	52964
W2030369	Drum	W2	Lot 11Femald	744G0412A02	04	12	02	262	lb		181 lb	73 lb	73 lb	108	99.8	1.249565	48890
W2030370	Drum	W2	Lot 11Femald	744G0411A07	04	11	07	262	lb		200 lb	72 lb	72 lb	128	99.8	1.249935	57943
W2030371	Drum	W2	Lot 11Femald	744G0410A11	04	10	11	262	lb		171 lb	75 lb	75 lb	96	99.8	1.249597	43458
W2030372	Drum	W2	Lot 11Femald	744G0409A15	04	09	15	262	lb		204 lb	73.5 lb	73.5 lb	130.5	99.8	1.24964	59075
W2030373	Drum	W2	Lot 11Femald	744G0409A02	04	09	02	262	lb		192 lb	73.5 lb	73.5 lb	118.5	99.8	1.250466	53643
W2030374	Drum	W2	Lot 11Femald	744G0411A07	04	11	07	262	lb		200 lb	74.5 lb	74.5 lb	125.5	99.8	1.250242	56812
W2030375	Drum	W2	Lot 11Femald	744G0410A15	04	10	15	260	lb		202 lb	75 lb	75 lb	127	99.8	1.250631	57491
W2030376	Drum	W2	Lot 11Femald	744G2SE1A04	2S	0E	04	262	lb		253 lb	76 lb	76 lb	177	99.8	1.249625	80125
W2030377	Drum	W2	Lot 11Femald	744G0409A14	04	09	14	262	lb		158 lb	70 lb	70 lb	88	99.8	1.250471	39836
W2030378	Drum	W2	Lot 11Femald	744G0409A02	04	09	02	262	lb		208 lb	69 lb	69 lb	139	99.8	1.249344	62923
W2030379	Drum	W2	Lot 11Femald	744G0412A06	04	12	06	260	lb		211 lb	77 lb	77 lb	134	99.8	1.249897	60659
W2030380	Drum	W2	Lot 11Femald	744G2SE1A05	2S	0E	05	260	lb		282 lb	86 lb	86 lb	196	99.8	1.249972	88726
W2030381	Drum	W2	Lot 11Femald	744G0412A11	04	12	11	262	lb		220 lb	74.5 lb	74.5 lb	145.5	99.8	1.249526	65865
W2030383	Drum	W2	Lot 11Femald	744G2SE1A06	2S	0E	06	260	lb		240 lb	76.5 lb	76.5 lb	163.5	99.8	1.249764	74014
W2030385	Drum	W2	Lot 11Femald	744G0411A16	04	11	16	260	lb		195 lb	72.5 lb	72.5 lb	122.5	99.8	1.249684	55454
W2030386	Drum	W2	Lot 11Femald	744G0411A16	04	11	16	260	lb		208 lb	71.5 lb	71.5 lb	136.5	99.8	1.249373	61791
W2030388	Drum	W2	Lot 11Femald	744G2E01A04	2E	01	04	262	lb		207 lb	71.5 lb	71.5 lb	135.5	99.8	1.250713	61339
W2030390	Drum	W2	Lot 11Femald	744G0412A20	04	12	20	262	lb		208 lb	71.5 lb	71.5 lb	136.5	99.8	1.249616	61791
W203864	Drum	W2	Lot 13 Femald	744G5S03A23	5S	03	23	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935
W203865	Drum	W2	Lot 13 Femald	744G5S02B23	5S	02	23	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935
W203866	Drum	W2	Lot 13 Femald	744G5S04B21	5S	04	21	054	lb		168 lb	78 lb	78 lb	90	75.778	1.92	30935
W203867	Drum	W2	Lot 13 Femald	744G5S04B21	5S	04	21	054	lb		170 lb	80 lb	80 lb	90	75.778	1.92	30935
W203868	Drum	W2	Lot 13 Femald	744G5S02B23	5S	02	23	054	lb		167 lb	77 lb	77 lb	90	75.778	1.92	30935
W203869	Drum	W2	Lot 13 Femald	744G5S05B25	5S	05	25	054	lb		171 lb	81 lb	81 lb	90	75.778	1.92	30935
W203870	Drum	W2	Lot 13 Femald	744G5S05B17	5S	05	17	054	lb		84 lb	174 lb	174 lb	90	75.778	1.92	30935
W203872	Drum	W2	Lot 13 Femald	744G5S05B17	5S	05	17	054	lb		167 lb	77 lb	77 lb	90	75.778	1.92	30935
W203873	Drum	W2	Lot 13 Femald	744G5S05B18	5S	05	18	054	lb		167 lb	77 lb	77 lb	90	75.778	1.92	30935
W203875	Drum	W2	Lot 13 Femald	744G5S05B17	5S	05	17	054	lb		168 lb	78 lb	78 lb	90	75.778	1.92	30935
W203879	Drum	W2	Lot 13 Femald	744G5S04B21	5S	04	21	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935
W203880	Drum	W2	Lot 13 Femald	744G5S02A23	5S	02	23	054	lb		168 lb	78 lb	78 lb	90	75.778	1.92	30935
W203881	Drum	W2	Lot 13 Femald	744G5S04B21	5S	04	21	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935
W203882	Drum	W2	Lot 13 Femald	744G5S05A17	5S	05	17	054	lb		176 lb	86 lb	86 lb	90	75.778	1.92	30935
W203883	Drum	W2	Lot 13 Femald	744G5S05B25	5S	05	25	054	lb		171 lb	81 lb	81 lb	90	75.778	1.951	30935
W203884	Drum	W2	Lot 13 Femald	744G5S02B15	5S	02	15	054	lb		168 lb	78 lb	78 lb	90	75.778	1.92	30935
W203885	Drum	W2	Lot 13 Femald	744G5S05B19	5S	05	19	054	lb		169 lb	79 lb	79 lb	90	75.778	1.951	30935
W203887	Drum	W2	Lot 13 Femald	744G5S05B25	5S	05	25	054	lb		84 lb	174 lb	174 lb	90	75.778	1.92	30935
W203888	Drum	W2	Lot 13 Femald	744G5S05B20	5S	05	20	054	lb		173 lb	83 lb	83 lb	90	75.778	1.92	30935
W203891	Drum	W2	Lot 13 Femald	744G5S04A21	5S	04	21	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W203893	Drum	W2	Lot 13 Femald	744G5S02B23	5S	02	23	054	lb		167 lb	77 lb	77 lb	90	75.778	1.92	30935
W203894	Drum	W2	Lot 13 Femald	744G5S04A19	5S	04	19	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W203896	Drum	W2	Lot 13 Femald	744G5S04A19	5S	04	19	054	lb		84 lb	174 lb	174 lb	90	75.778	1.951	30935
W203897	Drum	W2	Lot 13 Femald	744G5S04A19	5S	04	19	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W203899	Drum	W2	Lot 13 Femald	744G5S05A20	5S	05	20	054	lb		168 lb	78 lb	78 lb	90	75.778	1.92	30935
W203900	Drum	W2	Lot 13 Femald	744G5S04B15	5S	04	15	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W203901	Drum	W2	Lot 13 Femald	744G5S02B15	5S	02	15	054	lb		167 lb	77 lb	77 lb	90	75.778	1.92	30935
W203902	Drum	W2	Lot 13 Femald	744G5S05B18	5S	05	18	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W203903	Drum	W2	Lot 13 Femald	744G5S04A16	5S	04	16	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W203904	Drum	W2	Lot 13 Femald	744G5S05A15	5S	05	15	054	lb		171 lb	81 lb	81 lb	90	75.778	1.92	30935
W203905	Drum	W2	Lot 13 Femald	744G5S04A16	5S	04	16	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W203906	Drum	W2	Lot 13 Femald	744G5S05A15	5S	05	15	054	lb		171 lb	81 lb	81 lb	90	75.778	1.92	30935
W203907	Drum	W2	Lot 13 Femald	744G5S01B16	5S	01	16	054	lb		172 lb	82 lb	82 lb	90	75.778	1.92	30935
W203908	Drum	W2	Lot 13 Femald	744G5S01B16	5S	01	16	054	lb		171 lb	81 lb	81 lb	90	75.778	1.92	30935
W203909	Drum	W2	Lot 13 Femald	744G5S03B22	5S	03	22	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
W203910	Drum	W2	Lot 13 Fernald	744G/S050A23	5S	05	23	054	lb	174 lb	84 lb	90	75.779	1.951	30935	1.951	30935
W203911	Drum	W2	Lot 13 Fernald	744G/S050A23	5S	05	23	054	lb	173 lb	83 lb	90	75.777	1.951	30935	1.951	30935
W203912	Drum	W2	Lot 13 Fernald	744G/S030A23	5S	03	23	054	lb	168 lb	78 lb	90	75.778	1.92	30935	1.92	30935
W203913	Drum	W2	Lot 13 Fernald	744G/S040A26	5S	04	26	054	lb	176 lb	86 lb	90	75.778	1.951	30935	1.951	30935
W203914	Drum	W2	Lot 13 Fernald	744G/S020A23	5S	02	23	054	lb	175 lb	85 lb	90	75.778	1.951	30935	1.951	30935
W203915	Drum	W2	Lot 13 Fernald	744G/S050A23	5S	05	23	054	lb	172 lb	82 lb	90	75.778	1.951	30935	1.951	30935
W203916	Drum	W2	Lot 13 Fernald	744G/S030A23	5S	03	23	054	lb	167 lb	77 lb	90	75.778	1.92	30935	1.92	30935
W203917	Drum	W2	Lot 13 Fernald	744G/S040A19	5S	04	19	054	lb	171 lb	81 lb	90	75.778	1.951	30935	1.951	30935
W203918	Drum	W2	Lot 13 Fernald	744G/S040A21	5S	04	21	054	lb	170 lb	80 lb	90	75.778	1.951	30935	1.951	30935
W203919	Drum	W2	Lot 13 Fernald	744G/S050B19	5S	05	25	054	lb	173 lb	83 lb	90	75.778	1.92	30935	1.92	30935
W203920	Drum	W2	Lot 13 Fernald	744G/S050B19	5S	05	19	054	lb	169 lb	79 lb	90	75.778	1.951	30935	1.951	30935
W203921	Drum	W2	Lot 13 Fernald	744G/S040B15	5S	04	15	054	lb	170 lb	80 lb	90	75.778	1.951	30935	1.951	30935
W203922	Drum	W2	Lot 13 Fernald	744G/S030B17	5S	03	17	054	lb	166 lb	76 lb	90	75.778	1.92	30935	1.92	30935
W203923	Drum	W2	Lot 13 Fernald	744G/S020B23	5S	02	23	054	lb	174 lb	84 lb	90	75.778	1.92	30935	1.92	30935
W203924	Drum	W2	Lot 13 Fernald	744G/S040A24	5S	04	24	054	lb	169 lb	79 lb	90	75.778	1.92	30935	1.92	30935
W203925	Drum	W2	Lot 13 Fernald	744G/S020A23	5S	02	23	054	lb	174 lb	84 lb	90	75.778	1.92	30935	1.92	30935
W203926	Drum	W2	Lot 13 Fernald	744G/S030A23	5S	03	23	054	lb	170 lb	80 lb	90	75.778	1.92	30935	1.92	30935
W203927	Drum	W2	Lot 13 Fernald	744G/S050A23	5S	05	23	054	lb	169 lb	79 lb	90	75.778	1.951	30935	1.951	30935
W203928	Drum	W2	Lot 13 Fernald	744G/S020A23	5S	02	23	054	lb	170 lb	80 lb	90	75.778	1.92	30935	1.92	30935
W203929	Drum	W2	Lot 13 Fernald	744G/S030B23	5S	03	23	054	lb	167 lb	77 lb	90	75.778	1.92	30935	1.92	30935
W203930	Drum	W2	Lot 13 Fernald	744G/S010B17	5S	01	17	054	lb	176 lb	86 lb	90	75.778	1.92	30935	1.92	30935
W203931	Drum	W2	Lot 13 Fernald	744G/S040A24	5S	04	24	054	lb	169 lb	79 lb	90	75.778	1.92	30935	1.92	30935
W203932	Drum	W2	Lot 13 Fernald	744G/S040A21	5S	04	21	054	lb	172 lb	82 lb	90	75.778	1.951	30935	1.951	30935
W203933	Drum	W2	Lot 13 Fernald	744G/S050A26	5S	04	26	054	lb	176 lb	86 lb	90	75.778	1.92	30935	1.92	30935
W203934	Drum	W2	Lot 13 Fernald	744G/S050B17	5S	05	17	054	lb	169 lb	79 lb	90	75.778	1.92	30935	1.92	30935
W203935	Drum	W2	Lot 13 Fernald	744G/S010B17	5S	01	17	054	lb	169 lb	79 lb	90	75.778	1.92	30935	1.92	30935
W203936	Drum	W2	Lot 13 Fernald	744G/S040A24	5S	04	24	054	lb	167 lb	77 lb	90	75.778	1.92	30935	1.92	30935
W203937	Drum	W2	Lot 13 Fernald	744G/S010B17	5S	01	17	054	lb	173 lb	83 lb	90	75.778	1.92	30935	1.92	30935
W203938	Drum	W2	Lot 13 Fernald	744G/S010B17	5S	01	17	054	lb	174 lb	84 lb	90	75.778	1.92	30935	1.92	30935
W203939	Drum	W2	Lot 13 Fernald	744G/S030B23	5S	03	23	054	lb	172 lb	82 lb	90	75.778	1.92	30935	1.92	30935
W203940	Drum	W2	Lot 13 Fernald	744G/S040A21	5S	04	21	054	lb	168 lb	78 lb	90	75.778	1.951	30935	1.951	30935
W203941	Drum	W2	Lot 13 Fernald	744G/S050B18	5S	05	18	054	lb	168 lb	78 lb	90	75.778	1.951	30935	1.951	30935
W203942	Drum	W2	Lot 13 Fernald	744G/S050B18	5S	05	18	054	lb	170 lb	80 lb	90	75.778	1.951	30935	1.951	30935
W203943	Drum	W2	Lot 13 Fernald	744G/S040A26	5S	04	26	054	lb	170 lb	80 lb	90	75.778	1.92	30935	1.92	30935
W203944	Drum	W2	Lot 13 Fernald	744G/S050B19	5S	05	19	054	lb	167 lb	77 lb	90	75.778	1.951	30935	1.951	30935
W203945	Drum	W2	Lot 13 Fernald	744G/S010A17	5S	01	17	054	lb	170 lb	80 lb	90	75.778	1.951	30935	1.951	30935
W203946	Drum	W2	Lot 13 Fernald	744G/S050B19	5S	05	19	054	lb	170 lb	80 lb	90	75.778	1.951	30935	1.951	30935
W203947	Drum	W2	Lot 13 Fernald	744G/S040B15	5S	04	15	054	lb	167 lb	77 lb	90	75.778	1.951	30935	1.951	30935
W203948	Drum	W2	Lot 13 Fernald	744G/S010B16	5S	01	16	054	lb	170 lb	80 lb	90	75.778	1.92	30935	1.92	30935
W203949	Drum	W2	Lot 13 Fernald	744G/S030A24	5S	03	24	054	lb	169 lb	79 lb	90	75.778	1.92	30935	1.92	30935
W203950	Drum	W2	Lot 13 Fernald	744G/S050A15	5S	05	15	054	lb	165 lb	75 lb	90	75.778	1.92	30935	1.92	30935
W203951	Drum	W2	Lot 13 Fernald	744G/S040A25	5S	04	25	054	lb	167 lb	77 lb	90	75.778	1.951	30935	1.951	30935
W203952	Drum	W2	Lot 13 Fernald	744G/S040A25	5S	04	25	054	lb	172 lb	82 lb	90	75.778	1.951	30935	1.951	30935
W203953	Drum	W2	Lot 13 Fernald	744G/S010A17	5S	01	17	054	lb	166 lb	76 lb	90	75.8	1.951	30944	1.951	30944
W203954	Drum	W2	Lot 13 Fernald	744G/S020B15	5S	02	15	054	lb	169 lb	79 lb	90	75.778	1.92	30935	1.92	30935
W203955	Drum	W2	Lot 13 Fernald	744G/S030B17	5S	03	17	054	lb	171 lb	81 lb	90	75.778	1.951	30935	1.951	30935
W203956	Drum	W2	Lot 13 Fernald	744G/S020B15	5S	02	15	054	lb	170 lb	80 lb	90	75.778	1.92	30935	1.92	30935
W203957	Drum	W2	Lot 13 Fernald	744G/S030B23	5S	03	23	054	lb	171 lb	81 lb	90	75.778	1.92	30935	1.92	30935
W203958	Drum	W2	Lot 13 Fernald	744G/S040A25	5S	04	25	054	lb	173 lb	83 lb	90	75.778	1.951	30935	1.951	30935
W203959	Drum	W2	Lot 13 Fernald	744G/S030B17	5S	03	17	054	lb	169 lb	79 lb	90	75.778	1.92	30935	1.92	30935
W203960	Drum	W2	Lot 13 Fernald	744G/S050A16	5S	04	16	054	lb	171 lb	81 lb	90	75.778	1.951	30935	1.951	30935
W203961	Drum	W2	Lot 13 Fernald	744G/S040A16	5S	04	16	054	lb	171 lb	81 lb	90	75.778	1.951	30935	1.951	30935
W203962	Drum	W2	Lot 13 Fernald	744G/S040B15	5S	04	15	054	lb	169 lb	79 lb	90	75.778	1.951	30935	1.951	30935
W203963	Drum	W2	Lot 13 Fernald	744G/S050A15	5S	05	15	054	lb	177 lb	87 lb	90	75.778	1.92	30935	1.92	30935
W203964	Drum	W2	Lot 13 Fernald	744G/S020B22	5S	02	22	054	lb	169 lb	79 lb	90	75.778	1.951	30935	1.951	30935
W203965	Drum	W2	Lot 13 Fernald	744G/S040A20	5S	04	20	054	lb	171 lb	81 lb	90	75.778	1.92	30935	1.92	30935
W203966	Drum	W2	Lot 13 Fernald	744G/S050A20	5S	05	20	054	lb	167 lb	77 lb	90	75.778	1.92	30935	1.92	30935
W203967	Drum	W2	Lot 13 Fernald	744G/S030B17	5S	03	17	054	lb	166 lb	76 lb	90	75.8	1.92	30944	1.92	30944
W203968	Drum	W2	Lot 13 Fernald	744G/S040A26	5S	04	26	054	lb	171 lb	81 lb	90	75.778	1.951	30935	1.951	30935
W203969	Drum	W2	Lot 13 Fernald	744G/S030B22	5S	03	22	054	lb	169 lb	79 lb	90	75.778	1.92	30935	1.92	30935
W203970	Drum	W2	Lot 13 Fernald	744G/S050A20	5S	05	20	054	lb	169 lb	79 lb	90	75.778	1.92	30935	1.92	30935
W203971	Drum	W2	Lot 13 Fernald	744G/S040A20	5S	04	20	054	lb	174 lb	84 lb	90	75.778	1.92	30935	1.92	30935
W203972	Drum	W2	Lot 13 Fernald	744G/S010A17	5S	01	17	054	lb	171 lb	81 lb	90	75.778	1.951	30935	1.951	30935
W203973	Drum	W2	Lot 13 Fernald	744G/S040A20	5S	04	20	054	lb	168 lb	78 lb	90	75.778	1.92	30935	1.92	30935
W203974	Drum	W2	Lot 13 Fernald	744G/S050A20	5S	05	20	054	lb	168 lb	78 lb	90	75.778	1.92	30935	1.92	

ContainerID	Container Type	SizeCode	Description/Lot	Location	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
W203979	Drum	W2	Lot 13 Female			5S	04	25	054	lb		166 lb	76 lb	76 lb	90	75.788	1.951	30939
W203980	Drum	W2	Lot 13 Female			5S	01	20	054	lb		169 lb	79 lb	79 lb	90	75.778	1.951	30935
W203981	Drum	W2	Lot 13 Female			5S	01	20	054	lb		167 lb	77 lb	77 lb	90	75.778	1.951	30935
W203982	Drum	W2	Lot 13 Female			5S	01	20	054	lb		169 lb	79 lb	79 lb	90	75.778	1.951	30935
W203983	Drum	W2	Lot 13 Female			5S	01	19	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W203984	Drum	W2	Lot 13 Female			5S	01	20	054	lb		169 lb	79 lb	79 lb	90	75.778	1.951	30935
W203985	Drum	W2	Lot 13 Female			5S	01	19	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W203986	Drum	W2	Lot 13 Female			5S	01	22	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935
W203987	Drum	W2	Lot 13 Female			5S	01	22	054	lb		175 lb	85 lb	85 lb	90	75.778	1.92	30935
W203988	Drum	W2	Lot 13 Female			5S	01	16	054	lb		169 lb	79 lb	79 lb	90	75.778	1.951	30935
W203989	Drum	W2	Lot 13 Female			5S	01	16	054	lb		170 lb	80 lb	80 lb	90	75.778	1.92	30935
W203990	Drum	W2	Lot 13 Female			5S	01	19	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W203991	Drum	W2	Lot 13 Female			5S	02	20	054	lb		170 lb	80 lb	80 lb	90	75.778	1.92	30935
W203992	Drum	W2	Lot 13 Female			5S	01	22	054	lb		172 lb	82 lb	82 lb	90	75.778	1.92	30935
W203993	Drum	W2	Lot 13 Female			5S	01	14	054	lb		173 lb	83 lb	83 lb	90	75.778	1.92	30935
W203994	Drum	W2	Lot 13 Female			5S	01	16	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W203995	Drum	W2	Lot 13 Female			5S	01	16	054	lb		170 lb	80 lb	80 lb	90	75.778	1.92	30935
W203996	Drum	W2	Lot 13 Female			5S	01	22	054	lb		174 lb	84 lb	84 lb	90	75.778	1.92	30935
W203997	Drum	W2	Lot 13 Female			5S	01	18	054	lb		168 lb	78 lb	78 lb	90	75.778	1.92	30935
W203998	Drum	W2	Lot 13 Female			5S	01	14	054	lb		172 lb	82 lb	82 lb	90	75.778	1.92	30935
W203999	Drum	W2	Lot 13 Female			5S	01	18	054	lb		167 lb	77 lb	77 lb	90	75.778	1.92	30935
W204000	Drum	W2	Lot 13 Female			5S	02	17	054	lb		174 lb	84 lb	84 lb	90	75.778	1.92	30935
W204001	Drum	W2	Lot 13 Female			5S	01	18	054	lb		168 lb	78 lb	78 lb	90	75.778	1.92	30935
W204002	Drum	W2	Lot 13 Female			5S	02	17	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W204003	Drum	W2	Lot 13 Female			5S	01	19	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W204004	Drum	W2	Lot 13 Female			5S	02	20	054	lb		171 lb	81 lb	81 lb	90	75.778	1.92	30935
W204005	Drum	W2	Lot 13 Female			5S	01	18	054	lb		167 lb	77 lb	77 lb	90	75.778	1.92	30935
W204006	Drum	W2	Lot 13 Female			5S	01	22	054	lb		174 lb	84 lb	84 lb	90	75.778	1.92	30935
W204007	Drum	W2	Lot 13 Female			5S	02	17	054	lb		171 lb	81 lb	81 lb	90	75.778	1.92	30935
W204008	Drum	W2	Lot 13 Female			5S	01	22	054	lb		174 lb	84 lb	84 lb	90	75.778	1.92	30935
W204009	Drum	W2	Lot 13 Female			5S	02	16	054	lb		174 lb	84 lb	84 lb	90	75.778	1.92	30935
W204010	Drum	W2	Lot 13 Female			5S	01	22	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W204011	Drum	W2	Lot 13 Female			5S	03	25	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935
W204012	Drum	W2	Lot 13 Female			5S	01	22	054	lb		173 lb	83 lb	83 lb	90	75.778	1.92	30935
W204013	Drum	W2	Lot 13 Female			5S	02	17	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W204014	Drum	W2	Lot 13 Female			5S	01	14	054	lb		173 lb	83 lb	83 lb	90	75.778	1.92	30935
W204015	Drum	W2	Lot 13 Female			5S	01	14	054	lb		173 lb	83 lb	83 lb	90	75.778	1.92	30935
W204016	Drum	W2	Lot 13 Female			5S	02	20	054	lb		178 lb	88 lb	88 lb	90	75.8	1.951	30944
W204017	Drum	W2	Lot 13 Female			5S	02	16	054	lb		175 lb	85 lb	85 lb	90	75.778	1.92	30935
W204018	Drum	W2	Lot 13 Female			5S	02	17	054	lb		176 lb	86 lb	86 lb	90	75.778	1.92	30935
W204019	Drum	W2	Lot 13 Female			5S	02	20	054	lb		172 lb	82 lb	82 lb	90	75.778	1.951	30935
W204020	Drum	W2	Lot 13 Female			5S	03	25	054	lb		173 lb	83 lb	83 lb	90	75.778	1.92	30935
W204022	Drum	W2	Lot 13 Female			5S	03	22	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935
W204023	Drum	W2	Lot 13 Female			5S	05	17	054	lb		171 lb	81 lb	81 lb	90	75.778	1.92	30935
W204024	Drum	W2	Lot 13 Female			5S	03	24	054	lb		171 lb	81 lb	81 lb	90	75.778	1.951	30935
W204025	Drum	W2	Lot 13 Female			5S	01	24	054	lb		168 lb	78 lb	78 lb	90	75.778	1.92	30935
W204026	Drum	W2	Lot 13 Female			5S	02	20	054	lb		175 lb	85 lb	85 lb	90	75.778	1.951	30935
W204027	Drum	W2	Lot 13 Female			5S	03	15	054	lb		171 lb	81 lb	81 lb	90	75.778	1.92	30935
W204028	Drum	W2	Lot 13 Female			5S	03	25	054	lb		172 lb	82 lb	82 lb	90	75.778	1.92	30935
W204029	Drum	W2	Lot 13 Female			5S	02	17	054	lb		173 lb	83 lb	83 lb	90	75.778	1.92	30935
W204030	Drum	W2	Lot 13 Female			5S	01	24	054	lb		174 lb	84 lb	84 lb	90	75.778	1.92	30935
W204031	Drum	W2	Lot 13 Female			5S	03	24	054	lb		171 lb	81 lb	81 lb	90	75.778	1.951	30935
W204032	Drum	W2	Lot 13 Female			5S	03	15	054	lb		166 lb	76 lb	76 lb	90	75.778	1.92	30935
W204033	Drum	W2	Lot 13 Female			5S	05	17	054	lb		176 lb	86 lb	86 lb	90	75.778	1.92	30935
W204034	Drum	W2	Lot 13 Female			5S	03	24	054	lb		175 lb	85 lb	85 lb	90	75.778	1.951	30935
W204035	Drum	W2	Lot 13 Female			5S	03	25	054	lb		174 lb	84 lb	84 lb	90	75.778	1.92	30935
W204036	Drum	W2	Lot 13 Female			5S	03	24	054	lb		172 lb	82 lb	82 lb	90	75.778	1.92	30935
W204037	Drum	W2	Lot 13 Female			5S	01	24	054	lb		177 lb	87 lb	87 lb	90	75.778	1.92	30935
W204038	Drum	W2	Lot 13 Female			5S	03	24	054	lb		174 lb	84 lb	84 lb	90	75.778	1.951	30935
W204040	Drum	W2	Lot 13 Female			5S	02	17	054	lb		172 lb	82 lb	82 lb	90	75.778	1.92	30935
W204041	Drum	W2	Lot 13 Female			5S	02	17	054	lb		172 lb	82 lb	82 lb	90	75.778	1.92	30935
W204042	Drum	W2	Lot 13 Female			5S	04	20	054	lb		169 lb	79 lb	79 lb	90	75.778	1.92	30935
W204043	Drum	W2	Lot 13 Female			5S	02	20	054	lb		170 lb	80 lb	80 lb	90	75.778	1.951	30935
W204044	Drum	W2	Lot 13 Female			5S	02	22	054	lb		168 lb	78 lb	78 lb	90	75.778	1.951	30935
W204045	Drum	W2	Lot 13 Female			5S	03	15	054	lb		174 lb	84 lb	84 lb	90	75.778	1.92	30935
W204046	Drum	W2	Lot 13 Female			5S	01	24	054	lb		171 lb	81 lb	81 lb	90	75.778	1.92	30935
W204047	Drum	W2	Lot 13 Female			5S	04	24	054	lb		168 lb	78 lb	78 lb	90	75.778	1.92	30935
W204048	Drum	W2	Lot 13 Female			5S	02	22	054	lb		171 lb	81 lb	81 lb	90	75.778	1.951	30935

ContainerId	Container Type	SizeCode	Description/Lot Location	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
W204049	Drum	W2	Lot 13 Female	744G/S03B23	5S	03	23	054	lb	167 lb			77 lb	90	75.778	1.92	30935
W204050	Drum	W2	Lot 13 Female	744G/S01A17	5S	01	17	054	lb	169 lb			79 lb	90	75.778	1.951	30935
W204051	Drum	W2	Lot 13 Female	744G/S03B22	5S	03	22	054	lb	169 lb			79 lb	90	75.778	1.92	30935
W204052	Drum	W2	Lot 13 Female	744G/S05A20	5S	05	20	054	lb	169 lb			79 lb	90	75.778	1.92	30935
W204053	Drum	W2	Lot 13 Female	744G/S01B16	5S	01	16	054	lb	81 lb	171 lb		81 lb	90	75.778	1.92	30935
W204054	Drum	W2	Lot 13 Female	744G/S03B15	5S	03	15	054	lb	168 lb			78 lb	90	75.778	1.92	30935
W204055	Drum	W2	Lot 13 Female	744G/S03A24	5S	03	24	054	lb	166 lb			76 lb	90	75.778	1.92	30935
W204905	Drum	W2	Lot 11Female	744G/0412A09	04	12	09	260	lb	186 lb			72.5 lb	99.8	1.247928	51380	
W204906	Drum	W2	Lot 11Female	744G/0602A02	06	02	02	260	lb	205 lb			77.5 lb	99.8	1.249199	57717	
W204907	Drum	W2	Lot 11Female	744G/0410A06	04	10	06	260	lb	206 lb			73 lb	99.8	1.250685	60207	
W204912	Drum	W2	Lot 11Female	744G/0409A03	04	09	03	260	lb	212 lb			73.5 lb	99.8	1.250259	62697	
W204913	Drum	W2	Lot 11Female	744G/2SE1A01	2S	0E	01	260	lb	283 lb			77.5 lb	99.8	1.250121	93026	
W204922	Drum	W2	Lot 11Female	744G/2SE2A04	2S	0E	04	260	lb	268 lb			76 lb	192	99.8	1.249497	86915
W204930	Drum	W2	Lot 13 Female	744G/S01A18	5S	01	18	054	lb	167 lb			77 lb	90	75.778	1.951	30935
W204931	Drum	W2	Lot 13 Female	744G/S05A18	5S	05	18	054	lb	168 lb			78 lb	90	75.778	1.92	30935
W204932	Drum	W2	Lot 13 Female	744G/S05A18	5S	05	18	054	lb	168 lb			78 lb	90	75.778	1.92	30935
W204933	Drum	W2	Lot 13 Female	744G/S05A18	5S	05	18	054	lb	168 lb			78 lb	90	75.778	1.92	30935
W204934	Drum	W2	Lot 13 Female	744G/S04B14	5S	04	14	054	lb	170 lb			80 lb	90	75.778	1.92	30935
W204935	Drum	W2	Lot 13 Female	744G/S04B14	5S	04	14	054	lb	166 lb			76 lb	90	75.778	1.92	30935
W204936	Drum	W2	Lot 13 Female	744G/S05B20	5S	05	20	054	lb	170 lb			80 lb	90	75.778	1.951	30935
W204938	Drum	W2	Lot 13 Female	744G/S01A18	5S	01	18	054	lb	169 lb			79 lb	90	75.778	1.951	30935
W204939	Drum	W2	Lot 13 Female	744G/S05B20	5S	05	20	054	lb	174 lb			84 lb	90	75.778	1.92	30935
W204940	Drum	W2	Lot 13 Female	744G/S01A18	5S	01	18	054	lb	169 lb			79 lb	90	75.778	1.951	30935
W204941	Drum	W2	Lot 11Female	744G/0410A20	04	10	20	260	lb	213 lb			87.9 lb	125.1	99.8	1.250707	56631
W204942	Drum	W2	Lot 11Female	744G/0409A12	04	09	12	260	lb	145.9			82.1 lb	128 lb	99.8	1.2507	66046
W204944	Drum	W2	Lot 11Female	744G/0411A19	04	11	19	260	lb	211 lb			74.5 lb	136.5	99.8	1.249373	61791
W204945	Drum	W2	Lot 11Female	744G/0409A03	04	09	03	260	lb	206 lb			75.5 lb	130.5	99.8	1.249259	59075
W204949	Drum	W2	Lot 11Female	744G/0409A05	04	09	05	260	lb	203 lb			76 lb	127	99.8	1.250631	57491
W204956	Drum	W2	Lot 11Female	744G/0409A13	04	09	13	260	lb	195 lb			69.5 lb	125.5	99.8	1.250242	56812
W204965	Drum	W2	Lot 13 Female	744G/S05A25	5S	05	25	054	lb	169 lb			79 lb	90	75.778	1.951	30935
W204966	Drum	W2	Lot 13 Female	744G/S05A25	5S	05	25	054	lb	169 lb			79 lb	90	75.778	1.951	30935
W204967	Drum	W2	Lot 13 Female	744G/S05A18	5S	05	18	054	lb	169 lb			79 lb	90	75.778	1.92	30935
W204968	Drum	W2	Lot 13 Female	744G/S05A25	5S	05	25	054	lb	168 lb			78 lb	90	75.778	1.951	30935
W204969	Drum	W2	Lot 13 Female	744G/S04B14	5S	04	14	054	lb	172 lb			82 lb	90	75.778	1.92	30935
W204970	Drum	W2	Lot 13 Female	744G/S04B14	5S	04	14	054	lb	166 lb			76 lb	90	75.778	1.92	30935
W204971	Drum	W2	Lot 13 Female	744G/S01A18	5S	01	18	054	lb	168 lb			78 lb	90	75.778	1.951	30935
W204972	Drum	W2	Lot 13 Female	744G/S05A25	5S	05	25	054	lb	171 lb			81 lb	90	75.778	1.951	30935
W204973	Drum	W2	Lot 11Female	744G/0411A01	04	11	01	260	lb	212 lb			75.5 lb	136.5	99.8	1.249373	61791
W204974	Drum	W2	Lot 11Female	744G/0411A15	04	11	15	262	lb	218 lb			84.5 lb	133.5	99.8	1.249317	60433
W204977	Drum	W2	Lot 11Female	744G/0410A13	04	10	13	260	lb	210 lb			74.5 lb	135.5	99.8	1.250428	61339
W204978	Drum	W2	Lot 11Female	744G/0410A17	04	10	17	260	lb	213 lb			78 lb	135	99.8	1.250164	61112
W204980	Drum	W2	Lot 11Female	744G/0411A02	04	11	02	260	lb	206 lb			74 lb	132	99.8	1.25046	59754
W204982	Drum	W2	Lot 11Female	744G/0412A04	04	12	04	260	lb	188 lb			70.5 lb	117.5	99.8	1.249859	53190
W204983	Drum	W2	Lot 11Female	744G/0412A01	04	12	01	260	lb	193 lb			79 lb	114	99.8	1.24954	51606
W204985	Drum	W2	Lot 11Female	744G/0410A06	04	10	06	260	lb	194 lb			74 lb	120	99.8	1.245928	54322
W204986	Drum	W2	Lot 11Female	744G/0409A07	04	09	07	260	lb	183 lb			74.5 lb	108.5	99.8	1.250102	49116
W204991	Drum	W2	Lot 11Female	744G/0410A02	04	10	02	260	lb	210 lb			77.5 lb	132.5	99.8	1.250417	59980
W204992	Drum	W2	Lot 11Female	744G/0409A19	04	09	19	260	lb	197 lb			75.5 lb	121.5	99.8	1.250886	55001
W204993	Drum	W2	Lot 11Female	744G/0409A18	04	09	18	260	lb	215 lb			80 lb	135	99.8	1.25043	61112
W204994	Drum	W2	Lot 11Female	744G/0409A16	04	09	16	260	lb	206 lb			69 lb	137	99.8	1.249637	62018
W204999	Drum	W2	Lot 11Female	744G/0410A01	04	10	01	260	lb	209 lb			73 lb	136	99.8	1.250711	61565
W205011	Drum	W2	Lot 13 Female	744G/S04B22	5S	04	22	054	lb	203 lb			83 lb	120	75.167	1.8	40914
W205012	Drum	W2	Lot 13 Female	744G/S03A14	5S	03	14	054	lb	170 lb			80 lb	90	75.778	1.92	30935
W205021	Drum	W2	Lot 13 Female	744G/S04B18	5S	04	18	054	lb	166 lb			76 lb	90	75.778	1.92	30935
W205022	Drum	W2	Lot 13 Female	744G/S04B22	5S	04	22	054	lb	132 lb			76.2 lb	55.8	75.778	1.92	19180
W205024	Drum	W2	Lot 13 Female	744G/S04A22	5S	04	22	054	lb	167 lb			77 lb	90	75.778	1.92	30935
W205025	Drum	W2	Lot 13 Female	744G/S04A22	5S	04	22	054	lb	168 lb			78 lb	90	75.778	1.92	30935
W205026	Drum	W2	Lot 13 Female	744G/S05A0422	5S	04	22	054	lb	170 lb			80 lb	90	75.778	1.92	30935
W205027	Drum	W2	Lot 13 Female	744G/S05A0422	5S	04	22	054	lb	167 lb			77 lb	90	75.778	1.92	30935
W205028	Drum	W2	Lot 13 Female	744G/S05B15	5S	05	15	054	lb	78 lb			78 lb	90	75.778	1.92	30935
W205035	Drum	W2	Lot 11Female	744G/0411A09	04	11	09	262	lb	208 lb			75 lb	133	99.8	1.249356	60207
W205038	Drum	W2	Lot 11Female	744G/0410A18	04	10	18	262	lb	211 lb			75 lb	136	99.8	1.250711	61565
W205039	Drum	W2	Lot 13 Female	744G/S05B15	5S	05	15	054	lb	166 lb			76 lb	90	75.778	1.92	30935
W205044	Drum	W2	Lot 11Female	744G/0411A03	04	11	03	260	lb	204 lb			78 lb	126	99.8	1.250044	57038
W205050	Drum	W2	Lot 11Female	744G/0412A16	04	12	16	260	lb	218 lb			75.5 lb	142.5	99.8	1.249477	64507
W205051	Drum	W2	Lot 11Female	744G/2SE2A01	2S	0E	01	262	lb	281 lb			78 lb	203	99.8	1.247741	91895
W205052	Drum	W2	Lot 11Female	744G/0410A13	04	10	13	260	lb	201 lb			72 lb	129	99.8	1.250492	58396
W205063	Drum	W2	Lot 13 Female	744G/S05A02	5S	04	22	054	lb	170 lb			80 lb	90	75.778	1.92	30935

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
W2050065	Drum	W2	Lot 11Femald	744G0411A19	5S	01	15	054	lb	195	lb	79	121	99.8	75.778	1,250137	54775
W2050068	Drum	W2	Lot 13 Femald	744G0505B15	SS	03	14	054	lb	169	lb	76	90	99.8	75.778	1.92	30935
W2050070	Drum	W2	Lot 13 Femald	744G0503A14	SS	04	18	054	lb	166	lb	75	90	99.8	75.778	1.92	30935
W2050071	Drum	W2	Lot 13 Femald	744G0504B18	SS	04	18	054	lb	165	lb	77	90	99.8	75.778	1.92	30935
W2050072	Drum	W2	Lot 13 Femald	744G0504B18	SS	05	15	054	lb	167	lb	78	90	99.8	75.778	1.92	30935
W2050073	Drum	W2	Lot 13 Femald	744G0505B15	SS	05	15	054	lb	168	lb	78	90	99.8	75.778	1.92	30935
W2050075	Drum	W2	Lot 13 Femald	744G0503A14	SS	03	14	054	lb	168	lb	78	90	99.8	75.778	1.92	30935
W2050076	Drum	W2	Lot 13 Femald	744G0503A14	SS	03	14	054	lb	170	lb	80	90	99.8	75.778	1.92	30935
W2050077	Drum	W2	Lot 13 Femald	744G0504B18	SS	04	18	054	lb	174	lb	84	90	99.8	75.778	1.92	30935
W2050078	Drum	W2	Lot 11Femald	744G0409A01	04	09	01	260	lb	216	lb	74	142	99.8	1,249339	64281	
W2050081	Drum	W2	Lot 11Femald	744G0410A08	04	10	08	260	lb	193	lb	78	115	99.8	1,250192	52059	
W2050082	Drum	W2	Lot 11Femald	744G0412A16	04	12	16	260	lb	203	lb	72.5	130.5	99.8	1,249259	59075	
W2050087	Drum	W2	Lot 11Femald	744G0411A06	04	11	06	260	lb	213	lb	76	137	99.8	1,249879	62018	
W2050088	Drum	W2	Lot 11Femald	744G0410A08	04	10	08	260	lb	216	lb	87.5	128.5	99.8	1,250215	58170	
W2050091	Drum	W2	Lot 11Femald	744G0411A03	04	11	03	260	lb	218	lb	73.5	144.5	99.8	1,250516	65413	
W2050093	Drum	W2	Lot 11Femald	744G02SE1A02	2S	0E	02	260	lb	274	lb	80	194	99.8	1,250356	87820	
W2050363	Drum	W2	Lot 11Femald	744G0410A17	04	10	17	260	lb	208	lb	74	134	99.8	1,249608	60659	
W2050386	Drum	W2	Lot 11Femald	744G0410A16	04	10	16	260	lb	214	lb	77	137	99.8	1,249637	62018	
W2050387	Drum	W2	Lot 11Femald	744G0412A16	04	12	16	260	lb	207	lb	70	137	99.8	1,249637	62018	
W2050388	Drum	W2	Lot 11Femald	744G0409A18	04	09	18	260	lb	214	lb	74.5	139.5	99.8	1,249604	63149	
W2050389	Drum	W2	Lot 11Femald	744G0412A10	04	12	10	260	lb	215	lb	76.5	138.5	99.8	1,250678	62697	
W2050390	Drum	W2	Lot 11Femald	744G0412A04	04	12	04	260	lb	191	lb	73.5	117.5	99.8	1,249859	53190	
W2050393	Drum	W2	Lot 11Femald	744G0409A01	04	09	01	260	lb	207	lb	72	135	99.8	1,25043	61112	
W2050394	Drum	W2	Lot 11Femald	744G0412A09	04	12	09	260	lb	191	lb	71.5	119.5	99.8	1,24963	54096	
W2050395	Drum	W2	Lot 11Femald	744G0412A08	04	12	08	260	lb	210	lb	75.5	135.5	99.8	1,250428	61339	
W2050396	Drum	W2	Lot 11Femald	744G0412A17	04	12	17	260	lb	208	lb	73.5	134.5	99.8	1,250164	60886	
W2050398	Drum	W2	Lot 11Femald	744G0412A10	04	12	10	260	lb	213	lb	75.5	139.5	99.8	1,249604	63149	
W2050400	Drum	W2	Lot 11Femald	744G0409A10	04	09	10	260	lb	215	lb	76	137	99.8	1,249637	62018	
W2050401	Drum	W2	Lot 11Femald	744G0410A19	04	10	19	260	lb	186	lb	74	112	99.8	1,250493	50700	
W2050403	Drum	W2	Lot 11Femald	744G0409A16	04	09	16	260	lb	210	lb	70.5	139.5	99.8	1,249426	63149	
W2050404	Drum	W2	Lot 11Femald	744G0410A14	04	10	14	260	lb	199	lb	75.5	123.5	99.8	1,250313	55906	
W2050405	Drum	W2	Lot 11Femald	744G0410A01	04	10	01	260	lb	208	lb	77	131	99.8	1,249557	59301	
W2050406	Drum	W2	Lot 11Femald	744G0410A20	04	10	20	260	lb	189	lb	61.5	127.5	99.8	1,249632	57717	
W2050407	Drum	W2	Lot 11Femald	744G0409A05	04	09	05	260	lb	212	lb	71.5	134.5	99.8	1,249877	60886	
W2050408	Drum	W2	Lot 11Femald	744G0410A04	04	10	04	260	lb	208	lb	77	131	99.8	1,249557	59301	
W2050410	Drum	W2	Lot 11Femald	744G0410A09	04	10	09	260	lb	216	lb	77.5	138.5	99.8	1,250459	62697	
W2050413	Drum	W2	Lot 11Femald	744G02SE1A07	2S	0E	07	260	lb	280	lb	86.5	193.5	99.8	1,250171	87594	
W2050414	Drum	W2	Lot 11Femald	744G0411A08	04	11	08	260	lb	210	lb	77	133	99.8	1,249356	60207	
W2050415	Drum	W2	Lot 11Femald	744G0411A11	04	11	11	260	lb	208	lb	75	133	99.8	1,249356	60207	
W2050416	Drum	W2	Lot 11Femald	744G0411A11	04	11	11	262	lb	207	lb	77	130	99.8	1,249341	58849	
W2050418	Drum	W2	Lot 11Femald	744G0412A19	04	12	19	262	lb	174	lb	76.5	97.5	99.8	1,250736	44137	
W2050422	Drum	W2	Lot 11Femald	744G0409A09	04	09	09	260	lb	202	lb	69	133	99.8	1,249356	60207	
W2050425	Drum	W2	Lot 11Femald	744G0409A07	04	09	07	260	lb	196	lb	74	122	99.8	1,249389	55227	
W2050426	Drum	W2	Lot 11Femald	744G0412A08	04	12	08	260	lb	205	lb	74	131	99.8	1,249557	59301	
W2050428	Drum	W2	Lot 11Femald	744G0412A07	04	12	07	260	lb	199	lb	73.5	125.5	99.8	1,249736	56812	
W2050429	Drum	W2	Lot 11Femald	744G0412A17	04	12	17	260	lb	206	lb	74.5	131.5	99.8	1,250189	59528	
W2050433	Drum	W2	Lot 11Femald	744G0410A16	04	10	16	260	lb	206	lb	70.5	135.5	99.8	1,250428	61339	
W2050434	Drum	W2	Lot 11Femald	744G0602A02	06	02	02	262	lb	212	lb	76	136	99.8	1,250711	61565	
W2050436	Drum	W2	Lot 11Femald	744G0410A13	04	10	13	260	lb	193	lb	74	119	99.8	1,249327	53869	
W2050437	Drum	W2	Lot 11Femald	744G0409A18	04	09	18	260	lb	198	lb	70	128	99.8	1,249935	57943	
W2050438	Drum	W2	Lot 11Femald	744G0409A03	04	09	03	260	lb	207	lb	74	133	99.8	1,250685	60207	
W2050439	Drum	W2	Lot 11Femald	744G0412A09	04	12	09	260	lb	189	lb	75	114	99.8	1,249855	51606	
W2050441	Drum	W2	Lot 11Femald	744G0411A05	04	11	05	260	lb	181	lb	72.5	108.5	99.8	1,250102	49116	
W2050442	Drum	W2	Lot 11Femald	744G0409A07	04	09	07	260	lb	174	lb	76.5	97.5	99.8	1,250736	44137	
W2050445	Drum	W2	Lot 11Femald	744G0410A04	04	10	04	260	lb	213	lb	80	133	99.8	1,250685	60207	
W2050446	Drum	W2	Lot 11Femald	744G0412A09	04	12	09	260	lb	197	lb	70.5	126.5	99.8	1,250349	57264	
W2050447	Drum	W2	Lot 11Femald	744G0411A11	04	11	11	262	lb	219	lb	86.5	132.5	99.8	1,25073	59980	
W2050451	Drum	W2	Lot 11Femald	744G0411A15	04	11	15	260	lb	196	lb	74	122	99.8	1,249389	55227	
W2050453	Drum	W2	Lot 11Femald	744G0412A01	04	12	01	260	lb	188	lb	73	115	99.8	1,250192	52059	
W2050454	Drum	W2	Lot 11Femald	744G0409A10	04	09	10	260	lb	215	lb	71.5	126.5	99.8	1,250808	57264	
W2050455	Drum	W2	Lot 11Femald	744G0412A10	04	12	10	260	lb	203	lb	78	125	99.8	1,249448	56585	
W2050458	Drum	W2	Lot 11Femald	744G0412A19	04	12	19	260	lb	210	lb	75.5	134.5	99.8	1,250164	60886	
W2050459	Drum	W2	Lot 11Femald	744G0411A19	04	11	19	260	lb	201	lb	80.5	120.5	99.8	1,250275	54548	
W2050460	Drum	W2	Lot 11Femald	744G02SE2A02	2S	0E	02	260	lb	234	lb	78.5	155.5	99.8	1,250053	70392	
W2050462	Drum	W2	Lot 11Femald	744G0409A11	04	09	11	260	lb	158	lb	71	87	99.8	1,249619	39383	
W2050470	Drum	W2	Lot 11Femald	744G0412A13	04	12	13	260	lb	203	lb	71.5	131.5	99.8	1,249832	59528	
W2050472	Drum	W2	Lot 11Femald	744G0412A08	04	12	08	260	lb	182	lb	74	108	99.8	1,249744	48890	
W2050475	Drum	W2	Lot 11Femald	744G0503A54	5S	03	54	260	lb	211	lb	74.5	136.5	99.8	1,249373	61791	

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
W205478	Drum	W2	Lot 11Fernald	744G/2SE1A02	2S	0E	02	260	lb		265 lb	81.5 lb		183.5	99.8	1,249594	83067
W205481	Drum	W2	Lot 11Fernald	744G/0409A07	04	09	07	260	lb		216 lb	78 lb		138	99.8	1,25042	62470
W205482	Drum	W2	Lot 11Fernald	744G/0411A02	04	10	12	260	lb		200 lb	74.5 lb		125.5	99.8	1,250242	56812
W205485	Drum	W2	Lot 11Fernald	744G/0411A02	04	11	02	260	lb		211 lb	73.5 lb		137.5	99.8	1,24992	62244
W205490	Drum	W2	Lot 11Fernald	744G/2SE1A04	2S	0E	04	260	lb		260 lb	76 lb		184	99.8	1,24979	83294
W205492	Drum	W2	Lot 11Fernald	744G/0410A15	04	10	15	260	lb		202 lb	70.5 lb		131.5	99.8	1,249832	59528
W205493	Drum	W2	Lot 11Fernald	744G/0410A15	04	10	10	260	lb		198 lb	76 lb		122	99.8	1,250747	55227
W205494	Drum	W2	Lot 11Fernald	744G/0412A15	04	12	15	260	lb		180 lb	77 lb		103	99.8	1,250375	46626
W205506	Drum	W2	Lot 11Fernald	744G/0409A11	04	09	11	260	lb		210 lb	73.5 lb		136.5	99.8	1,249616	61791
W205510	Drum	W2	Lot 11Fernald	744G/0412A01	04	12	01	260	lb		206 lb	73.5 lb		132.5	99.8	1,25073	59980
W205511	Drum	W2	Lot 11Fernald	744G/0410A08	04	10	09	260	lb		207 lb	76.5 lb		130.5	99.8	1,24964	59075
W205514	Drum	W2	Lot 11Fernald	744G/0410A08	04	10	08	260	lb		208 lb	76 lb		132	99.8	1,250126	59754
W205515	Drum	W2	Lot 11Fernald	744G/0411A03	04	11	03	260	lb		201 lb	72 lb		129	99.8	1,250086	58396
W205516	Drum	W2	Lot 11Fernald	744G/0412A01	04	12	01	260	lb		214 lb	75.5 lb		138.5	99.8	1,250678	62697
W205519	Drum	W2	Lot 11Fernald	744G/0409A19	04	09	19	260	lb		193 lb	78.5 lb		114.5	99.8	1,249879	51832
W205523	Drum	W2	Lot 11Fernald	744G/0409A10	04	09	10	260	lb		201 lb	70.5 lb		130.5	99.8	1,24964	59075
W205529	Drum	W2	Lot 11Fernald	744G/0409A18	04	09	18	260	lb		196 lb	74 lb		122	99.8	1,250747	55227
W205532	Drum	W2	Lot 11Fernald	744G/0412A07	04	12	07	260	lb		207 lb	75 lb		132	99.8	1,250126	59754
W205538	Drum	W2	Lot 11Fernald	744G/0410A06	04	10	06	260	lb		226 lb	85 lb		141	99.8	1,250235	63828
W205541	Drum	W2	Lot 11Fernald	744G/4E11A02	4E	11	02	260	lb		182 lb	75 lb		107	99.8	1,249045	48437
W205543	Drum	W2	Lot 11Fernald	744G/0410A01	04	10	01	260	lb		211 lb	74 lb		137	99.8	1,249637	62018
W205544	Drum	W2	Lot 11Fernald	744G/0602A01	06	02	01	260	lb		179 lb	75 lb		104	99.8	1,248965	47079
W205546	Drum	W2	Lot 11Fernald	744G/0410A04	04	10	04	260	lb		209 lb	78.5 lb		130.5	99.8	1,249259	59075
W205549	Drum	W2	Lot 11Fernald	744G/2SE1A07	2S	0E	07	260	lb		276 lb	83.5 lb		192.5	99.8	1,249785	87141
W205553	Drum	W2	Lot 11Fernald	744G/0410A01	04	10	01	260	lb		213 lb	76 lb		137	99.8	1,249637	62018
W205555	Drum	W2	Lot 11Fernald	744G/0411A02	04	11	02	260	lb		212 lb	75 lb		137	99.8	1,249879	62018
W205557	Drum	W2	Lot 11Fernald	744G/0409A14	04	09	14	260	lb		195 lb	71.5 lb		123.5	99.8	1,250313	55906
W205558	Drum	W2	Lot 11Fernald	744G/0409A19	04	09	19	260	lb		211 lb	75 lb		136	99.8	1,250711	61565
W205561	Drum	W2	Lot 11Fernald	744G/0410A06	04	10	06	260	lb		210 lb	76 lb		134	99.8	1,249608	60659
W205562	Drum	W2	Lot 11Fernald	744G/0409A12	04	09	12	260	lb		231 lb	87 lb		144	99.8	1,250364	65186
W205563	Drum	W2	Lot 11Fernald	744G/0412A12	04	12	12	260	lb		217 lb	84 lb		133	99.8	1,249356	60207
W205568	Drum	W2	Lot 11Fernald	744G/0410A04	04	10	04	260	lb		212 lb	76 lb		136	99.8	1,250711	61565
W205570	Drum	W2	Lot 11Fernald	744G/0410A19	04	10	19	260	lb		209 lb	86 lb		123	99.8	1,249529	55680
W205571	Drum	W2	Lot 11Fernald	744G/0412A19	04	12	19	262	lb		206 lb	76.5 lb		129.5	99.8	1,250768	58622
W205572	Drum	W2	Lot 11Fernald	744G/2SE1A06	2S	0E	06	262	lb		268 lb	101.5 lb		166.5	99.8	1,249801	75372
W205573	Drum	W2	Lot 11Fernald	744G/0409A03	04	09	03	260	lb		205 lb	72 lb		130	99.8	1,250685	60207
W205574	Drum	W2	Lot 11Fernald	744G/2SE2A03	2S	0E	03	262	lb		234 lb	64 lb		170	99.8	1,250065	76956
W205575	Drum	W2	Lot 11Fernald	744G/0411A08	04	11	08	260	lb		212 lb	75.5 lb		136.5	99.8	1,249616	61791
W205576	Drum	W2	Lot 11Fernald	744G/0412A19	04	12	19	260	lb		186 lb	73.5 lb		112.5	99.8	1,25054	50927
W205625	Drum	W2	Lot 11Fernald	744G/0410A05	04	10	05	262	lb		191 lb	73 lb		118	99.8	1,250164	53417
W206426	Drum	W2	Lot 11Fernald	744G/0410A11	04	10	11	262	lb		209 lb	75 lb		134	99.8	1,249897	60659
W208333	Drum	W2	Lot 13 Fernald	744G/0701A01	07	01	01	054	lb		147 lb	108.5 lb		38.5	75.8	1,951	13237
W208334	Drum	W2	Lot 13 Fernald	744G/0701A01	07	01	01	054	lb		142.5 lb	104 lb		38.5	75.8	1,951	13237
W208354	Drum	W2	Lot 13 Fernald	744G/0701B03	07	01	03	054	lb		131.5 lb	112.5 lb		19	75.8	1.8	6533
W208427	Drum	W2	Lot 13 Fernald	744G/0701C03	07	01	03	054	lb		143.5 lb	103 lb		40.5	75.8	1,951	13925
W208434	Drum	W2	Lot 13 Fernald	744G/0701A01	07	01	01	054	lb		139 lb	112 lb		27	75.8	1,951	9283
W208487	Drum	W2	Lot 13 Fernald	744G/0701B02	07	01	02	054	lb		133.5 lb	111 lb		22.5	75.84	1.79	7740
W208489	Drum	W2	Lot 13 Fernald	744G/0701B02	07	01	02	054	lb		150 lb	107 lb		43	75.84	1.79	14792
W208494	Drum	W2	Lot 13 Fernald	744G/0701B02	07	01	02	054	lb		149.5 lb	107.5 lb		42	75.84	1.79	14448
W208504	Drum	W2	Lot 13 Fernald	744G/0701B02	07	01	02	054	lb		147.5 lb	103.5 lb		44	75.84	1.79	15136
W208569	Drum	W2	Lot 13 Fernald	744G/0701A04	07	01	04	054	lb		145 lb	103 lb		42	75.84	1.79	14448
W208570	Drum	W2	Lot 13 Fernald	744G/0701C02	07	01	02	054	lb		144.5 lb	104.5 lb		40	75.8	1,951	13753
W208571	Drum	W2	Lot 13 Fernald	744G/0701C02	07	01	02	054	lb		152.5 lb	110 lb		42.5	75.8	1,951	14612
W208572	Drum	W2	Lot 13 Fernald	744G/0701C02	07	01	02	054	lb		145.5 lb	107.5 lb		38	75.8	1,951	13065
W208573	Drum	W2	Lot 13 Fernald	744G/0701C02	07	01	02	054	lb		141 lb	102 lb		39	75.8	1,951	13409
W208574	Drum	W2	Lot 13 Fernald	744G/0701A04	07	01	04	054	lb		129 lb	105 lb		24	75.84	1.79	8256
W208575	Drum	W2	Lot 13 Fernald	744G/0701A02	07	01	02	054	lb		141.5 lb	104 lb		37.5	75.8	1,951	12893
W208576	Drum	W2	Lot 13 Fernald	744G/0701A04	07	01	04	054	lb		151.5 lb	109 lb		42.5	75.84	1.79	14620
W208584	Drum	W2	Lot 13 Fernald	744G/0701A03	07	01	03	054	lb		149 lb	105 lb		44	75.84	1.79	15136
W208585	Drum	W2	Lot 13 Fernald	744G/0701A03	07	01	03	054	lb		148 lb	106 lb		42	75.84	1.79	14448
W208586	Drum	W2	Lot 13 Fernald	744G/0701A03	07	01	03	054	lb		149 lb	107.5 lb		41.5	75.84	1.79	14276
W208587	Drum	W2	Lot 13 Fernald	744G/0701A03	07	01	03	054	lb		144 lb	110.5 lb		33.5	75.84	1.79	11524
W208595	Drum	W2	Lot 13 Fernald	744G/0701B03	07	01	03	054	lb		146.5 lb	109 lb		37.5	75.8	1,951	12893
W208596	Drum	W2	Lot 13 Fernald	744G/0701B03	07	01	03	054	lb		143.5 lb	107.5 lb		36	75.8	1,951	12378
W208599	Drum	W2	Lot 13 Fernald	744G/0701A04	07	01	04	054	lb		148.5 lb	106 lb		42.5	75.84	1.79	14620
W208605	Drum	W2	Lot 13 Fernald	744G/0701B01	07	01	01	054	lb		128.5 lb	109.5 lb		19	75.84	1.79	6536
W208609	Drum	W2	Lot 13 Fernald	744G/0701B03	07	01	03	054	lb		143 lb	106 lb		37	75.8	1,951	12721
W208610	Drum	W2	Lot 13 Fernald	744G/0701A01	07	01	01	054	lb		144.5 lb	106.5 lb		38	75.8	1,951	13065

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	NetUnit	NetWeight	Purity	Assay	Grams
W214356	Drum	W2	Lot 11Fernald	744G0412A12	04	12	12	260	lb		213 lb	73.5 lb	99.8	139.5	99.8	1.249604	63149
W214357	Drum	W2	Lot 11Fernald	744G0410A10	04	10	10	260	lb		165 lb	73.5 lb	99.8	91.5	99.8	1.250815	41420
W214360	Drum	W2	Lot 11Fernald	744G0411A20	04	11	20	260	lb		196 lb	70 lb	99.8	126	99.8	1.250526	57038
W214361	Drum	W2	Lot 11Fernald	744G0411A20	04	11	20	260	lb		212 lb	76.5 lb	99.8	135.5	99.8	1.250713	61339
W215368	Drum	W2	Lot 11Fernald	744G0411A04	04	11	04	260	lb		192 lb	74.5 lb	99.8	117.5	99.8	1.249859	53190
W215370	Drum	W2	Lot 11Fernald	744G0411A04	04	11	04	260	lb		194 lb	72.5 lb	99.8	121.5	99.8	1.250454	55001
W215371	Drum	W2	Lot 11Fernald	744G0412A04	04	12	04	260	lb		207 lb	73.5 lb	99.8	133.5	99.8	1.249628	60433
W215372	Drum	W2	Lot 11Fernald	744G0412A04	04	12	04	260	lb		210 lb	73.5 lb	99.8	136.5	99.8	1.249616	61791
W215374	Drum	W2	Lot 11Fernald	744G0411A10	04	11	10	262	lb		210 lb	75.5 lb	99.8	134.5	99.8	1.250164	60886
W215375	Drum	W2	Lot 11Fernald	744G0409A04	04	09	04	260	lb		211 lb	76.5 lb	99.8	134.5	99.8	1.250164	60886
W215378	Drum	W2	Lot 11Fernald	744G2SE1A02	2S	0E	12	262	lb		280 lb	81.5 lb	99.8	198.5	99.8	1.249777	89858
W215380	Drum	W2	Lot 11Fernald	744G0411A11	04	11	260	260	lb		205 lb	73.5 lb	99.8	131.5	99.8	1.250189	59528
W215381	Drum	W2	Lot 11Fernald	744G0409A17	04	09	17	262	lb		221 lb	79.5 lb	99.8	141.5	99.8	1.250644	64055
W215382	Drum	W2	Lot 11Fernald	744G2SE2A01	2S	0E	01	260	lb		283 lb	78 lb	99.8	205	99.8	1.249933	92800
W215383	Drum	W2	Lot 11Fernald	744G0409A17	04	09	17	262	lb		214 lb	75.5 lb	99.8	138.5	99.8	1.250678	62697
W215384	Drum	W2	Lot 11Fernald	744G0409A02	04	09	02	262	lb		208 lb	69.5 lb	99.8	138.5	99.8	1.250678	62697
W215385	Drum	W2	Lot 11Fernald	744G2SE2A04	2S	0E	04	262	lb		260 lb	77 lb	99.8	183	99.8	1.249608	82841
W215386	Drum	W2	Lot 11Fernald	744G0412A05	04	12	05	262	lb		183 lb	72.5 lb	99.8	110.5	99.8	1.249225	50021
W215387	Drum	W2	Lot 11Fernald	744G0410A08	04	10	08	262	lb		212 lb	72.5 lb	99.8	139.5	99.8	1.249604	63149
W215388	Drum	W2	Lot 11Fernald	744G0411A17	04	11	17	260	lb		198 lb	84 lb	99.8	114	99.8	1.24954	51606
W215389	Drum	W2	Lot 11Fernald	744G0409A16	04	09	19	260	lb		207 lb	76 lb	99.8	131	99.8	1.249916	59301
W215390	Drum	W2	Lot 11Fernald	744G0409A06	04	09	06	260	lb		207 lb	69.5 lb	99.8	137.5	99.8	1.250141	62244
W215391	Drum	W2	Lot 11Fernald	744G0410A15	04	10	15	262	lb		177 lb	79.5 lb	99.8	97.5	99.8	1.250651	44137
W215392	Drum	W2	Lot 11Fernald	744G0410A20	04	10	20	260	lb		218 lb	76 lb	99.8	142	99.8	1.250758	64281
W215394	Drum	W2	Lot 11Fernald	744G0411A17	04	11	17	260	lb		206 lb	72 lb	99.8	134	99.8	1.249897	60659
W215395	Drum	W2	Lot 11Fernald	744G4E11A13	4E	11	13	260	lb		208 lb	75 lb	99.8	133	99.8	1.249356	60207
W215396	Drum	W2	Lot 11Fernald	744G0409A15	04	09	15	262	lb		204 lb	78 lb	99.8	136	99.8	1.24935	61565
W215397	Drum	W2	Lot 11Fernald	744G0409A17	04	09	17	262	lb		203 lb	76.5 lb	99.8	126.5	99.8	1.250808	57264
W215398	Drum	W2	Lot 11Fernald	744G0412A02	04	12	02	262	lb		193 lb	76 lb	99.8	117	99.8	1.249552	52964
W215399	Drum	W2	Lot 11Fernald	744G0411A07	04	11	07	262	lb		172 lb	72 lb	99.8	100	99.8	1.250331	45268
W216000	Drum	W2	Lot 11Fernald	744G0412A02	04	12	02	262	lb		214 lb	80.5 lb	99.8	133.5	99.8	1.249628	60433
W216001	Drum	W2	Lot 11Fernald	744G0411A09	04	11	09	262	lb		173 lb	75.5 lb	99.8	97.5	99.8	1.250736	44137
W216002	Drum	W2	Lot 11Fernald	744G0410A17	04	10	07	262	lb		209 lb	70 lb	99.8	139	99.8	1.249344	62923
W216003	Drum	W2	Lot 11Fernald	744G0410A14	04	10	14	260	lb		190 lb	72.5 lb	99.84	117.5	99.84	1.249859	53212
W216004	Drum	W2	Lot 11Fernald	744G0410A14	04	10	14	260	lb		203 lb	72 lb	99.84	131	99.84	1.250632	59325
W216005	Drum	W2	Lot 11Fernald	744G0410A11	04	10	11	262	lb		214 lb	72.5 lb	99.8	141.5	99.8	1.249083	64055
W216006	Drum	W2	Lot 11Fernald	744G0411A09	04	11	09	262	lb		173 lb	75.5 lb	99.8	97.5	99.8	1.250736	44137
W216007	Drum	W2	Lot 11Fernald	744G0411A09	04	11	09	262	lb		212 lb	75.5 lb	99.8	136.5	99.8	1.249616	61791
W216008	Drum	W2	Lot 11Fernald	744G0409A06	04	09	06	260	lb		210 lb	75.5 lb	99.8	134.5	99.8	1.250164	60886
W216008	Drum	W2	Lot 11Fernald	744G0411A04	04	11	04	260	lb		186 lb	71.5 lb	99.8	114.5	99.8	1.249879	51832
W216009	Drum	W2	Lot 11Fernald	744G2SE1A01	2S	0E	01	260	lb		288 lb	87 lb	99.8	201	99.8	1.249588	90989
W216010	Drum	W2	Lot 11Fernald	744G0409A14	04	09	14	260	lb		196 lb	87 lb	99.8	109	99.8	1.250228	49342
W216013	Drum	W2	Lot 11Fernald	744G0410A19	04	10	19	260	lb		239 lb	93.3 lb	99.8	145.7	99.8	1.249393	65956
W223392	Drum	W2	Lot 11Fernald	744G6S01A01	5S	01	01	262	lb		403 lb	90 lb	99.8	313	99.8	1.249806	141690
W223394	Drum	W2	Lot 11Fernald	744G6S01A01	5S	01	01	262	lb		420 lb	89 lb	99.8	331	99.8	1.250159	149838
W223413	Drum	W2	Lot 11Fernald	744G6S01A01	5S	01	01	262	lb		400 lb	91 lb	99.8	309	99.8	1.250295	139879
Z001601	Z Can	Z0	Lot 18 Uranium Oxides	744G0109A04	01	09	04	005EMS	g		7493 g	593 g	80.71	6900	80.71	9.32	5569
Z001602	Z Can	Z0	Lot 18 Uranium Oxides	744G0108A08	01	08	08	005EMS	g		7332 g	598 g	6734	6900	80.96	9.68	5452
Z001603	Z Can	Z0	Lot 18 Uranium Oxides	744G0108A15	01	08	15	005EMS	g		7588 g	589 g	6734	6999	81.07	9.6	5674
Z001604	Z Can	Z0	Lot 18 Uranium Oxides	744G0109A05	01	09	05	005EMS	g		8643 g	592 g	8051	8051	81.11	9.66	6530
Z001605	Z Can	Z0	Lot 18 Uranium Oxides	744G0107A19	01	07	19	005EMS	g		6302 g	587 g	5715	5715	81.57	9.38	4662
Z001606	Z Can	Z0	Lot 18 Uranium Oxides	744G0108A19	01	08	19	005EMS	g		6353 g	598 g	5755	5755	81.69	9.57	4701
Z001607	Z Can	Z0	Lot 18 Uranium Oxides	744G0109A16	01	09	16	005EMS	g		7601 g	595 g	6305	7006	79.58	9	5575
Z001608	Z Can	Z0	Lot 18 Uranium Oxides	744G0109A17	01	09	17	005EMS	g		7390 g	591 g	6799	7932	79.32	9	5393
Z001609	Z Can	Z0	Lot 18 Uranium Oxides	744G0109A07	01	09	07	005EMS	g		6956 g	593 g	6363	6363	79.53	9.16	5060
Z001610	Z Can	Z0	Lot 18 Uranium Oxides	744G0108A11	01	08	11	005EMS	g		7811 g	595 g	7216	7216	80.87	9.56	5836
Z001611	Z Can	Z0	Lot 18 Uranium Oxides	744G0109A02	01	09	02	005EMS	g		8181 g	590 g	7591	6900	81.26	9.69	6168
Z001612	Z Can	Z0	Lot 18 Uranium Oxides	744G0109A01	01	09	01	005EMS	g		7820 g	596 g	7224	7224	82.24	9.65	5941
Z001613	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A29	08	08	29	005EMS	g		6904 g	603 g	6301	6301	80.77	9.08	5089
Z001614	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A30	08	08	30	005EMS	g		7109 g	591 g	6518	6518	79.41	8.76	5176
Z001615	Z Can	Z0	Lot 18 Uranium Oxides	744G0805C18	08	05	18	005EMS	g		6610 g	589 g	6021	6021	78.69	8.16	4738
Z001616	Z Can	Z0	Lot 18 Uranium Oxides	744G0805B22	08	05	22	005EMS	g		7745 g	595 g	7150	7150	75.84	8.74	5423
Z001617	Z Can	Z0	Lot 18 Uranium Oxides	744G0805C21	08	05	21	005EMS	g		6857 g	600 g	6257	6257	75.56	8.61	4728
Z001618	Z Can	Z0	Lot 18 Uranium Oxides	744G0805C23	08	05	23	005EMS	g		6643 g	590 g	6053	6053	77.4	9.06	4685
Z001619	Z Can	Z0	Lot 18 Uranium Oxides	744G0808B27	08	08	27	005EMS	g		7244 g	597 g	6647	6647	79.38	8.03	5276

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z001620	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B19	08	08	19	005EMS g	005EMS g	7191 g	598 g	598 g	598 g	6593	79.83	7.8	5263
Z001621	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B28	08	08	28	005EMS g	005EMS g	9295.9 g	592 g	592 g	592 g	8703.9	80.55	8.12	7011
Z001622	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B39	08	08	39	005EMS g	005EMS g	9312 g	596 g	596 g	596 g	8716	80.55	9.22	7021
Z001623	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B02	08	06	02	005EMS g	005EMS g	7409 g	598 g	598 g	598 g	6811	79.1	8.64	5388
Z001624	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A28	08	07	28	005EMS g	005EMS g	7065 g	592 g	592 g	592 g	6473	79.54	8.67	5149
Z001625	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805B20	08	05	20	005EMS g	005EMS g	8911 g	591 g	591 g	591 g	601 g	83.10	8.5	6732
Z001627	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A21	08	08	21	005EMS g	005EMS g	9211 g	597 g	597 g	597 g	8614	81.09	8.53	6985
Z001628	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A22	08	08	22	005EMS g	005EMS g	9278 g	594 g	594 g	594 g	8684	82.65	7.23	7177
Z001629	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A31	08	07	31	005EMS g	005EMS g	10004 g	598 g	598 g	598 g	9406	82.29	7.28	7740
Z001630	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B24	08	08	24	005EMS g	005EMS g	7847 g	587 g	587 g	587 g	7260	82.93	6.84	6021
Z001631	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807B34	08	07	34	005EMS g	005EMS g	8073 g	600 g	600 g	600 g	7473	81.76	7.49	6110
Z001632	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B05	08	08	05	005EMS g	005EMS g	8699 g	598 g	598 g	598 g	8101	81.51	7.67	6603
Z001633	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A30	08	07	30	005EMS g	005EMS g	7360 g	592 g	592 g	592 g	6768	81.8	7.47	5536
Z001634	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A04	08	07	04	005EMS g	005EMS g	8960 g	594 g	594 g	594 g	8366	82.3	6.86	6885
Z001635	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807B06	08	07	06	005EMS g	005EMS g	8622 g	582 g	582 g	582 g	8040	82.49	7.08	6632
Z001636	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A25	08	07	25	005EMS g	005EMS g	8145 g	594 g	594 g	594 g	7551	82.74	7.24	6248
Z001637	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A11	08	07	11	005EMS g	005EMS g	8471 g	601 g	601 g	601 g	7870	82.2	7.09	6469
Z001638	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A12	08	08	12	005EMS g	005EMS g	8201 g	598 g	598 g	598 g	7603	81.29	6.81	6180
Z001639	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A14	08	08	14	005EMS g	005EMS g	7833 g	600 g	600 g	600 g	7233	81.68	6.94	5908
Z001640	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A09	08	07	09	005EMS g	005EMS g	6850 g	595 g	595 g	595 g	6255	82.11	7.13	5136
Z001641	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A09	01	08	09	005EMS g	005EMS g	7669 g	592 g	592 g	592 g	7077	81.26	7.21	5751
Z001642	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A02	01	08	02	005EMS g	005EMS g	8289 g	595 g	595 g	595 g	7694	79.81	7.18	6141
Z001643	Z Can	Z0	Lot 18 Uranium Oxides	744G/0107A20	01	07	20	005EMS g	005EMS g	8803 g	595 g	595 g	595 g	8208	79.99	9.64	6566
Z001644	Z Can	Z0	Lot 18 Uranium Oxides	744G/0109A06	01	09	06	005EMS g	005EMS g	7652 g	595 g	595 g	595 g	7652	82.01	10.7	6275
Z001645	Z Can	Z0	Lot 18 Uranium Oxides	744G/0107A18	01	07	18	005EMS g	005EMS g	8158 g	593 g	593 g	593 g	7565	82.56	10.4	6246
Z001647	Z Can	Z0	Lot 18 Uranium Oxides	744G/0109A15	01	09	15	005EMS g	005EMS g	9119 g	593 g	593 g	593 g	8526	82.32	9.36	7019
Z001648	Z Can	Z0	Lot 18 Uranium Oxides	744G/0109A10	01	09	10	005EMS g	005EMS g	7761 g	603 g	603 g	603 g	7158	82.07	8.89	5875
Z001649	Z Can	Z0	Lot 18 Uranium Oxides	744G/0109A09	01	09	09	005EMS g	005EMS g	6774 g	593 g	593 g	593 g	6181	82.38	8.96	5092
Z001650	Z Can	Z0	Lot 18 Uranium Oxides	744G/0401A08	04	01	08	005EMS g	005EMS g	8278 g	576 g	576 g	576 g	7702	82.03	9.19	6318
Z001651	Z Can	Z0	Lot 18 Uranium Oxides	744G/0109A08	01	09	08	005EMS g	005EMS g	7455 g	585 g	585 g	585 g	6870	81.7	8.99	5613
Z001652	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A12	01	08	12	005EMS g	005EMS g	6948 g	587 g	587 g	587 g	6361	74.01	9.75	4708
Z001653	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C10	08	08	10	005EMS g	005EMS g	7470 g	594 g	594 g	594 g	6876	82.2	8.73	5652
Z001654	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C12	08	08	12	005EMS g	005EMS g	7683 g	589 g	589 g	589 g	7094	81.63	8.96	5791
Z001655	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805C22	08	05	22	005EMS g	005EMS g	8354 g	590 g	590 g	590 g	7764	82.37	8.84	6395
Z001656	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805C17	08	05	17	005EMS g	005EMS g	7201 g	586 g	586 g	586 g	6615	81.65	9.23	5401
Z001657	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805B21	08	05	21	005EMS g	005EMS g	8182 g	585 g	585 g	585 g	7597	82.57	8.73	6273
Z001659	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B23	08	08	23	005EMS g	005EMS g	7109 g	589 g	589 g	589 g	6520	81.11	8.73	5288
Z001660	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B14	08	08	14	005EMS g	005EMS g	8310 g	588 g	588 g	588 g	7722	80.89	8.29	6246
Z001661	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B20	08	08	20	005EMS g	005EMS g	8348 g	583 g	583 g	583 g	7765	81.61	8.07	6337
Z001662	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B16	08	08	16	005EMS g	005EMS g	7753 g	592 g	592 g	592 g	7161	81.27	7.92	5820
Z001663	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A40	08	08	40	005EMS g	005EMS g	7934 g	590 g	590 g	590 g	7344	81.8	7.84	6007
Z001664	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B12	08	08	12	005EMS g	005EMS g	6980 g	581 g	581 g	581 g	6399	81.05	7.75	5186
Z001665	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B11	08	08	11	005EMS g	005EMS g	8549 g	588 g	588 g	588 g	7961	81.35	7.74	6476
Z001666	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A23	08	08	23	005EMS g	005EMS g	7751 g	591 g	591 g	591 g	7160	80.91	7.88	5793
Z001667	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A16	08	08	16	005EMS g	005EMS g	7993 g	598 g	598 g	598 g	7395	80.39	8.37	5945
Z001668	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A24	08	08	24	005EMS g	005EMS g	7880 g	593 g	593 g	593 g	7287	78.48	8.42	5719
Z001669	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A36	08	09	36	005EMS g	005EMS g	7537 g	585 g	585 g	585 g	6952	81.18	8.77	5644
Z001670	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A34	08	09	34	005EMS g	005EMS g	7972 g	583 g	583 g	583 g	7389	83.11	8.44	6141
Z001671	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812B36	08	12	36	005EMS g	005EMS g	8665 g	593 g	593 g	593 g	8072	82.16	8.77	6632
Z001672	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A30	08	09	30	005EMS g	005EMS g	9262 g	590 g	590 g	590 g	8672	82.89	8.44	7188
Z001673	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802B33	08	02	33	005EMS g	005EMS g	9008 g	591 g	591 g	591 g	8417	82.89	8.81	6977
Z001674	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A08	08	07	08	005EMS g	005EMS g	8347 g	580 g	580 g	580 g	7767	80.02	8.54	6215
Z001675	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A20	08	08	20	005EMS g	005EMS g	5818 g	583 g	583 g	583 g	5235	80.57	8.58	4218
Z001676	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A34	08	08	34	005EMS g	005EMS g	7341 g	588 g	588 g	588 g	6753	81.11	8.29	5477
Z001677	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A33	08	08	33	005EMS g	005EMS g	5391 g	587 g	587 g	587 g	4804	82.39	7.9	3958
Z001678	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A11	08	08	11	005EMS g	005EMS g	6710 g	591 g	591 g	591 g	6119	80.24	8.34	4910
Z001679	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A15	08	08	15	005EMS g	005EMS g	6823 g	599 g	599 g	599 g	6224	81.71	7.06	5086
Z001680	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A10	08	07	10	005EMS g	005EMS g	7116 g	590 g	590 g	590 g	6526	83.77	6.62	5467
Z001681	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A16	01	08	16	005EMS g	005EMS g	8193 g	590 g	590 g	590 g	7603	81.63	6.96	6206
Z001682	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A07	01	08	07	005EMS g	005EMS g	7216 g	594 g	594 g	594 g	6622	82.44	7.5	5459
Z001683	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A01	01	08	01	005EMS g	005EMS g	6658 g	578 g	578 g	578 g	6080	82.87	7.27	5038
Z001684	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A14	01	08	14	005EMS g	005EMS g	7233 g	581 g	581 g	581 g	6652	82.65	7.66	5498
Z001685	Z Can	Z0	Lot 18 Uranium Oxides	744G/0109A11	01	09	11	005EMS g	005EMS g	8743 g	570 g	570 g	570 g	8173	82.59	7.76	6750
Z001686	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A13	01	08	13	005EMS g	005EMS g	7743 g	590 g	590 g	590 g	7153	83.94	7.6	6004
Z001687	Z Can	Z0	Lot 18 Uranium Oxides	744G/0107A17	01	07	17	005EMS g	005EMS g	7254 g	583 g	583 g	583 g	6671	82.47	7.66	5502
Z001688	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A10	01	08	10	005EMS g	005EMS g	8708 g	594 g	594 g	594 g	8114	75.24	7.98	6105
Z001689	Z Can	Z0	Lot 18 Uranium Oxides	744G/0109A12	01	09	12	005EMS g	005EMS g	7435 g	588 g	588 g	588 g	6847	82.23	6.08	5630
Z001690	Z Can	Z0	Lot 18 Uranium Oxides	744G/0109A13	01	09	13	005EMS g	005EMS g	6479 g	580 g	580 g	580 g	5899	82.48	7.22	4865

ContainerId	Container Type	SizeCode	Description/Lot Location	Location	LocSection	LocRow	LocPositio	DC	Gross Unit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z001691	Z Can	Z0	Lot 18 Uranium Oxides	744G0109A18	01	09	18	005EMS g		7421 g		582 g		6839	82.47	8.74	5640
Z001692	Z Can	Z0	Lot 18 Uranium Oxides	744G0108A20	01	08	20	005EMS g		7619 g		587 g		7032	80.96	9.37	5693
Z001693	Z Can	Z0	Lot 18 Uranium Oxides	744G0808C11	08	08	11	005EMS g		7546 g		586 g		6966	81.28	9.26	5662
Z001694	Z Can	Z0	Lot 18 Uranium Oxides	744G0808C05	08	08	05	005EMS g		7789 g		586 g		7203	82.51	8.84	5943
Z001695	Z Can	Z0	Lot 18 Uranium Oxides	744G0805C16	08	05	16	005EMS g		7474 g		597 g		6877	82.86	8.92	5698
Z001696	Z Can	Z0	Lot 18 Uranium Oxides	744G0805A21	08	05	21	005EMS g		7368 g		588 g		6780	83.13	8.85	5636
Z001697	Z Can	Z0	Lot 18 Uranium Oxides	744G0805C24	08	05	24	005EMS g		7426 g		585 g		6841	82.58	9.54	5649
Z001698	Z Can	Z0	Lot 18 Uranium Oxides	744G0805C25	08	05	25	005EMS g		6176 g		595 g		5581	81.92	11.1	4572
Z001699	Z Can	Z0	Lot 18 Uranium Oxides	744G0808B13	08	08	13	005EMS g		7050 g		596 g		6454	81.62	11	5268
Z001701	Z Can	Z0	Lot 18 Uranium Oxides	744G0808B17	08	08	17	005EMS g		7547 g		589 g		6958	82.19	10.6	5719
Z001702	Z Can	Z0	Lot 18 Uranium Oxides	744G0808B18	08	08	18	005EMS g		7807 g		587 g		7220	83.17	9.52	6005
Z001703	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A38	08	08	38	005EMS g		8082 g		592 g		7490	82.1	9.82	6149
Z001704	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A37	08	08	37	005EMS g		7497 g		589 g		6908	82.48	9.57	5698
Z001705	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A26	08	08	26	005EMS g		7321 g		591 g		6730	80.72	9.86	5432
Z001706	Z Can	Z0	Lot 18 Uranium Oxides	744G0808B10	08	08	10	005EMS g		7061 g		590 g		6471	81.01	9.69	5242
Z001707	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A25	08	08	25	005EMS g		7522 g		591 g		6931	80.32	9.85	5567
Z001708	Z Can	Z0	Lot 18 Uranium Oxides	744G0809A35	08	09	35	005EMS g		8239 g		592 g		7647	80.62	10.9	6165
Z001709	Z Can	Z0	Lot 18 Uranium Oxides	744G0809A28	08	09	28	005EMS g		8052 g		589 g		7463	80.38	10.4	5999
Z001712	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A31	08	08	31	005EMS g		9758 g		588 g		9170	80.58	9.26	7389
Z001713	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A08	08	08	08	005EMS g		7052 g		584 g		6468	79.52	11.4	5143
Z001714	Z Can	Z0	Lot 18 Uranium Oxides	744G0807A05	08	07	05	005EMS g		7534 g		588 g		6946	80.05	11.1	5560
Z001715	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A09	08	08	09	005EMS g		7587 g		585 g		7002	78.35	10.7	5486
Z001716	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A04	08	08	04	005EMS g		8772 g		590 g		8182	80.4	11.1	6578
Z001717	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A32	08	08	32	005EMS g		7720 g		585 g		7135	80.42	10.2	5738
Z001718	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A18	08	08	18	005EMS g		8085 g		590 g		7495	80.58	9.87	6039
Z001719	Z Can	Z0	Lot 18 Uranium Oxides	744G0808A10	08	08	10	005EMS g		7734 g		591 g		7143	81.33	8.59	5809
Z001720	Z Can	Z0	Lot 18 Uranium Oxides	744G0807A06	08	07	06	005EMS g		7806 g		592 g		7214	81.65	8.71	5890
Z001721	Z Can	Z0	Lot 18 Uranium Oxides	744G0807C05	08	07	05	005EMS g		8040 g		589 g		7451	81.99	8.2	6109
Z001722	Z Can	Z0	Lot 18 Uranium Oxides	744G0806A10	08	06	10	005EMS g		7023 g		585 g		6438	81.01	7.87	5215
Z001723	Z Can	Z0	Lot 18 Uranium Oxides	744G0805B24	08	05	24	005EMS g		7463 g		591 g		6872	80.89	8.4	5559
Z001724	Z Can	Z0	Lot 18 Uranium Oxides	744G0802C40	08	02	40	005EMS g		7427 g		589 g		6838	80.8	8.54	5525
Z001725	Z Can	Z0	Lot 18 Uranium Oxides	744G0803A23	08	03	23	005EMS g		6431 g		589 g		5842	79.93	8.48	4670
Z001726	Z Can	Z0	Lot 18 Uranium Oxides	744G0805A24	08	05	24	005EMS g		8142 g		594 g		7548	77.98	10.8	5886
Z001734	Z Can	Z0	Lot 18 Uranium Oxides	744G0802C24	08	02	24	005EMS g		7856 g		590 g		7266	78.97	10.8	5738
Z001735	Z Can	Z0	Lot 18 Uranium Oxides	744G0802C27	08	02	27	005EMS g		7128 g		591 g		6537	81.38	11.2	5320
Z001736	Z Can	Z0	Lot 18 Uranium Oxides	744G0802C11	08	02	11	005EMS g		5708 g		587 g		5121	76.04	10.7	3894
Z001737	Z Can	Z0	Lot 18 Uranium Oxides	744G0803C24	08	03	24	005EMS g		5911 g		594 g		5317	76.08	10.8	4045
Z001739	Z Can	Z0	Lot 18 Uranium Oxides	744G0802C33	08	02	33	005EMS g		7860 g		586 g		7274	78.3	9.6	5696
Z001740	Z Can	Z0	Lot 18 Uranium Oxides	744G0805B37	08	05	37	005EMS g		6448 g		591 g		5857	79	10.4	4627
Z001741	Z Can	Z0	Lot 18 Uranium Oxides	744G0802C36	08	02	36	005EMS g		6958 g		589 g		6369	79.48	10.8	5062
Z001742	Z Can	Z0	Lot 18 Uranium Oxides	744G0802C23	08	02	23	005EMS g		6192 g		590 g		5602	78.81	10.5	4415
Z001743	Z Can	Z0	Lot 18 Uranium Oxides	744G0802C21	08	02	21	005EMS g		5529 g		595 g		4934	77.59	10.2	3828
Z001744	Z Can	Z0	Lot 18 Uranium Oxides	744G0802C13	08	02	13	005EMS g		4475 g		594 g		3881	76.56	9.76	2971
Z001747	Z Can	Z0	Lot 18 Uranium Oxides	744G0805A25	08	05	25	005EMS g		6953 g		581 g		6372	78.09	10.5	4976
Z001748	Z Can	Z0	Lot 18 Uranium Oxides	744G0805B23	08	05	23	005EMS g		5887 g		580 g		5307	78.38	10.4	4160
Z001749	Z Can	Z0	Lot 18 Uranium Oxides	744G0805A23	08	05	23	005EMS g		5990 g		582 g		5408	77.88	9.87	4212
Z001750	Z Can	Z0	Lot 18 Uranium Oxides	744G0802C30	08	02	30	005EMS g		6046 g		579 g		5467	80.03	10.5	4375
Z001751	Z Can	Z0	Lot 18 Uranium Oxides	744G0810A09	08	10	09	005EMS g		4591 g		582 g		4009	78.92	10.8	3164
Z001752	Z Can	Z0	Lot 18 Uranium Oxides	744G0805C09	08	05	09	005EMS g		6775 g		573 g		6202	79.11	10.6	4906
Z001753	Z Can	Z0	Lot 18 Uranium Oxides	744G0801A12	08	01	12	005EMS g		5947 g		580 g		5367	79.62	10.4	4273
Z001754	Z Can	Z0	Lot 18 Uranium Oxides	744G0802C06	08	02	06	005EMS g		4956 g		574 g		4382	78.99	10.4	3461
Z001755	Z Can	Z0	Lot 18 Uranium Oxides	744G0805A14	08	05	14	005EMS g		7326 g		582 g		6744	79.24	10.6	5344
Z001756	Z Can	Z0	Lot 18 Uranium Oxides	744G0805A08	08	05	08	005EMS g		4996 g		584 g		4412	79.54	10.5	3509
Z001757	Z Can	Z0	Lot 18 Uranium Oxides	744G0805B36	08	05	36	005EMS g		7385 g		588 g		6797	77.81	10.7	5289
Z001758	Z Can	Z0	Lot 18 Uranium Oxides	744G0805A29	08	05	29	005EMS g		6218 g		575 g		5643	79.3	10.5	4475
Z001759	Z Can	Z0	Lot 18 Uranium Oxides	744G0805B32	08	05	32	005EMS g		7886 g		589 g		7297	80.09	8.79	5844
Z001760	Z Can	Z0	Lot 18 Uranium Oxides	744G0806A12	08	06	12	005EMS g		7701 g		580 g		7121	83.16	10.3	5922
Z001761	Z Can	Z0	Lot 18 Uranium Oxides	744G0805A31	08	05	31	005EMS g		6968 g		604 g		6364	82.61	10.6	5257
Z001762	Z Can	Z0	Lot 18 Uranium Oxides	744G0107A05	01	07	05	005EMS g		8061 g		589 g		7472	82.18	10.5	6140
Z001763	Z Can	Z0	Lot 18 Uranium Oxides	744G0107A04	01	07	04	005EMS g		7800 g		578 g		7222	82.4	8.03	5951
Z001764	Z Can	Z0	Lot 18 Uranium Oxides	744G0107A15	01	07	15	005EMS g		6790 g		585 g		6205	81.78	7.93	5074
Z001765	Z Can	Z0	Lot 18 Uranium Oxides	744G0107A16	01	07	16	005EMS g		7314 g		594 g		6720	81.26	7.72	5461
Z001766	Z Can	Z0	Lot 18 Uranium Oxides	744G0107A06	01	07	06	005EMS g		8006 g		603 g		7403	81.68	7.9	6047
Z001767	Z Can	Z0	Lot 18 Uranium Oxides	744G0107A14	01	07	14	005EMS g		3600 g		579 g		3021	81.3	7.98	2456
Z001771	Z Can	Z0	Lot 18 Uranium Oxides	744G0812C34	08	12	34	005EMS g		6906 g		578 g		6328	81.9	9.86	5183
Z001772	Z Can	Z0	Lot 18 Uranium Oxides	744G0812C18	08	12	18	005EMS g		7400 g		579 g		6821	82.94	10.2	5657
Z001773	Z Can	Z0	Lot 18 Uranium Oxides	744G0402A01	04	02	01	005EMS g		8552 g		5371		5371	60.65	7.18	3258
Z001774	Z Can	Z0	Lot 18 Uranium Oxides	744G0812C17	08	12	17	005EMS g		5278 g		581 g		4697	82.02	9.98	3852

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z0001775	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C33	08	08	32	005EMS g	005EMS g	7038 g	582 g	6456	582 g	6456	82	9.67	5294
Z0001776	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C33	08	08	33	005EMS g	005EMS g	8346 g	589 g	7757	589 g	7757	81.81	9.56	6346
Z0001779	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C35	08	08	35	005EMS g	005EMS g	5584 g	587 g	4997	587 g	4997	80.92	8.58	4044
Z0001780	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C07	08	08	07	005EMS g	005EMS g	6413 g	591 g	6178	591 g	6178	81.54	7.92	4742
Z0001781	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A27	08	08	27	005EMS g	005EMS g	6769 g	591 g	6178	591 g	6178	83.12	7.67	5135
Z0001782	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812B21	08	12	21	005EMS g	005EMS g	7461 g	590 g	6871	590 g	6871	83.1	9.42	5710
Z0001784	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B09	08	08	09	005EMS g	005EMS g	5665 g	597 g	5068	597 g	5068	84.05	8.8	4260
Z0001785	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C23	08	08	23	005EMS g	005EMS g	6225 g	590 g	5635	590 g	5635	84.48	8.04	4760
Z0001786	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C24	08	08	24	005EMS g	005EMS g	9471 g	585 g	8886	585 g	8886	82.26	8.88	7310
Z0001788	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B39	08	08	39	005EMS g	005EMS g	8035 g	595 g	7440	595 g	7440	82.94	8.21	6171
Z0001789	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B36	08	08	36	005EMS g	005EMS g	7488 g	586 g	6900	586 g	6900	84.06	7.97	5800
Z0001790	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A29	08	07	29	005EMS g	005EMS g	5935 g	586 g	5349	586 g	5349	83.54	10.8	4469
Z0001792	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A19	08	08	19	005EMS g	005EMS g	5950 g	592 g	5358	592 g	5358	84.9	7.27	4549
Z0001793	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A32	08	07	32	005EMS g	005EMS g	6189 g	594 g	5595	594 g	5595	83.26	9.91	4658
Z0001795	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A34	08	07	34	005EMS g	005EMS g	9929 g	583 g	9346	583 g	9346	84.19	9.97	7868
Z0001796	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806C01	08	06	01	005EMS g	005EMS g	8436 g	580 g	7856	580 g	7856	83.3	10.4	6544
Z0001797	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811B34	08	11	34	005EMS g	005EMS g	7425 g	578 g	6847	578 g	6847	82.72	10.5	5664
Z0001798	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A13	08	08	13	005EMS g	005EMS g	8289 g	584 g	7705	584 g	7705	82.98	11.3	6394
Z0001799	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A27	08	07	27	005EMS g	005EMS g	4098 g	582 g	3516	582 g	3516	72.31	8.76	2542
Z0002601	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A22	08	07	22	005EMS g	005EMS g	8146 g	584 g	7562	584 g	7562	81.87	8.86	6191
Z0002602	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807B33	08	07	33	005EMS g	005EMS g	6300 g	585 g	5715	585 g	5715	77.3	8.69	4418
Z0002603	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812B37	08	12	37	005EMS g	005EMS g	6326 g	587 g	5739	587 g	5739	75.37	8.81	4325
Z002604	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C25	08	12	25	005EMS g	005EMS g	6789 g	577 g	6212	577 g	6212	79.56	8.38	4942
Z002605	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C27	08	12	27	005EMS g	005EMS g	5809 g	575 g	5234	575 g	5234	82.7	8.52	4329
Z002606	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C28	08	12	28	005EMS g	005EMS g	5886 g	580 g	5306	580 g	5306	82.45	8.4	4375
Z002607	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C29	08	12	29	005EMS g	005EMS g	6028.5 g	588 g	5440.5	588 g	5440.5	81.83	8.8	4452
Z002608	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C30	08	12	30	005EMS g	005EMS g	6602 g	583 g	6019	583 g	6019	82.69	9.22	4977
Z002609	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C31	08	12	31	005EMS g	005EMS g	8338 g	581 g	7757	581 g	7757	82.48	8.85	6398
Z002612	Z Can	Z0	Lot 18 Uranium Oxides	744G/0107A08	01	07	08	005EMS g	005EMS g	4373 g	578 g	3795	578 g	3795	77.28	8.29	2933
Z002613	Z Can	Z0	Lot 18 Uranium Oxides	744G/0107A07	01	07	07	005EMS g	005EMS g	4021 g	582 g	3439	582 g	3439	70.18	8.07	2413
Z002614	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A05	01	08	05	005EMS g	005EMS g	5858 g	585 g	5273	585 g	5273	74.4	7.79	3923
Z002615	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C13	08	12	13	005EMS g	005EMS g	4878.3 g	590 g	4288.3	590 g	4288.3	78.57	7.66	3369
Z002616	Z Can	Z0	Lot 18 Uranium Oxides	744G/0109A03	01	09	03	005EMS g	005EMS g	5751 g	577 g	5174	577 g	5174	79.16	8.19	4096
Z002617	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A17	01	08	17	005EMS g	005EMS g	6811 g	575 g	6236	575 g	6236	80.95	9.34	5048
Z002618	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B30	08	08	30	005EMS g	005EMS g	5701 g	585 g	5116	585 g	5116	80.6	9.86	4123
Z002619	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B29	08	08	29	005EMS g	005EMS g	6625 g	579 g	5946	579 g	5946	82.34	10.2	4896
Z002620	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B31	08	08	31	005EMS g	005EMS g	6793 g	576 g	6217	576 g	6217	82.81	10.3	5148
Z002621	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B32	08	08	32	005EMS g	005EMS g	6124 g	585 g	5539	585 g	5539	81.21	10.3	4498
Z002622	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C04	08	08	04	005EMS g	005EMS g	5649 g	587 g	5062	587 g	5062	74.95	10.5	3794
Z002623	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B37	08	08	37	005EMS g	005EMS g	6920 g	587 g	6333	587 g	6333	83.11	10.2	5263
Z002624	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C06	08	08	06	005EMS g	005EMS g	6314 g	587 g	5727	587 g	5727	71.56	10.9	4098
Z002625	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C08	08	08	08	005EMS g	005EMS g	6032 g	575 g	5457	575 g	5457	78.61	9.87	4290
Z002626	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A25	08	09	25	005EMS g	005EMS g	5373 g	587 g	4786	587 g	4786	82.63	9.67	3955
Z002627	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A27	08	09	27	005EMS g	005EMS g	5770 g	602 g	5168	602 g	5168	82.3	9.67	4253
Z002628	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A26	08	09	26	005EMS g	005EMS g	6192 g	598 g	5594	598 g	5594	84.74	9.77	4740
Z002629	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A31	08	09	31	005EMS g	005EMS g	5432 g	584 g	4848	584 g	4848	83.91	9.48	4068
Z002630	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C38	08	08	38	005EMS g	005EMS g	6577 g	585 g	5992	585 g	5992	82.61	9.39	4950
Z002631	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C26	08	08	26	005EMS g	005EMS g	6084 g	584 g	5500	584 g	5500	82.91	9.64	4560
Z002632	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B33	08	08	33	005EMS g	005EMS g	6702 g	581 g	6121	581 g	6121	82.27	9.61	5036
Z002633	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C07	08	12	07	005EMS g	005EMS g	5841 g	606 g	5235	606 g	5235	81.1	9.6	4246
Z002634	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C05	08	12	05	005EMS g	005EMS g	6237 g	581 g	5656	581 g	5656	81.15	9.42	4590
Z002635	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B35	08	08	35	005EMS g	005EMS g	6247 g	591 g	5656	591 g	5656	81.93	9.78	4634
Z002636	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B34	08	08	34	005EMS g	005EMS g	5581.2 g	590 g	4991.2	590 g	4991.2	81.42	9.88	4064
Z002638	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C31	08	08	31	005EMS g	005EMS g	5735 g	587 g	5148	587 g	5148	81.82	9.99	4212
Z002642	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C22	08	12	22	005EMS g	005EMS g	5560 g	581 g	4979	581 g	4979	79.31	9.53	3949
Z002643	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C08	08	12	08	005EMS g	005EMS g	6316 g	589 g	5727	589 g	5727	79.86	9.7	4574
Z002644	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C21	08	12	21	005EMS g	005EMS g	6493 g	581 g	5912	581 g	5912	77.49	9.99	4581
Z002647	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C26	08	12	26	005EMS g	005EMS g	7953 g	587 g	7366	587 g	7366	80.03	11.3	5895
Z002648	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C24	08	12	23	005EMS g	005EMS g	7992 g	588 g	7404	588 g	7404	79.99	10.8	5922
Z002649	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C24	08	12	24	005EMS g	005EMS g	7060 g	590 g	6470	590 g	6470	80.88	11	5233
Z002651	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C36	08	12	35	005EMS g	005EMS g	5481 g	597 g	4884	597 g	4884	80.21	11.5	3917
Z002652	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C36	08	12	36	005EMS g	005EMS g	5235 g	587 g	4648	587 g	4648	81.9	11.7	3807
Z002653	Z Can	Z0	Lot 18 Uranium Oxides	744G/0107A09	01	07	09	005EMS g	005EMS g	5557 g	578 g	4979	578 g	4979	82.76	11.6	4121
Z002654	Z Can	Z0	Lot 18 Uranium Oxides	744G/0401A09	04	01	09	005EMS g	005EMS g	4908 g	583 g	4325	583 g	4325	81.84	11.7	3540
Z002655	Z Can	Z0	Lot 18 Uranium Oxides	744G/0107A11	01	07	11	005EMS g	005EMS g	5918 g	583 g	5337	583 g	5337	80.69	10.9	4306
Z002656	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A03	01	08	03	005EMS g	005EMS g	6913 g	586 g	6327	586 g	6327	80.76	11.3	5110
Z002658	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C15	08	12	15	005EMS g	005EMS g	4904 g	590 g	4314	590 g	4314	80.12	10.7	3456
Z002659	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B25	08	08	25	005EMS g	005EMS g	4666 g	582 g	4084	582 g	4084	80.4	10.9	3284

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z002660	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B26	08	08	26	005EMS g	005EMS g	5546 g	585 g	4961	585 g	4961	80.29	11.6	3983
Z002661	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B21	08	08	21	005EMS g	005EMS g	6338 g	584 g	5754	584 g	4961	80.2	11.5	4615
Z002662	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B22	08	08	22	005EMS g	005EMS g	5426 g	586 g	4840	586 g	4840	79.27	11	3837
Z002663	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B40	08	08	40	005EMS g	005EMS g	5456 g	582 g	4874	582 g	4874	76.91	10.7	3749
Z002664	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B38	08	08	38	005EMS g	005EMS g	5113 g	578 g	4535	578 g	4535	76.9	10.7	3487
Z002665	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A28	08	08	28	005EMS g	005EMS g	4581 g	595 g	3986	595 g	3986	77.37	10.7	3084
Z002666	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805B19	08	05	19	005EMS g	005EMS g	6071 g	587 g	5484	587 g	5484	76.86	10.8	4215
Z002669	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A23	08	09	23	005EMS g	005EMS g	5783 g	588 g	5195	588 g	5195	76.53	9.62	3976
Z002672	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C27	08	08	27	005EMS g	005EMS g	4684 g	583 g	4101	583 g	4101	77.17	10.6	3165
Z002673	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C28	08	08	28	005EMS g	005EMS g	3638	592 g	3638	592 g	4230	77.64	10.4	2825
Z002675	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C14	08	08	14	005EMS g	005EMS g	6041.3 g	569 g	5472.3	569 g	5472.3	79.21	10.4	4335
Z002676	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A36	08	08	36	005EMS g	005EMS g	4667 g	586 g	4081	586 g	4081	79.11	10.8	3228
Z002677	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A35	08	08	35	005EMS g	005EMS g	5254 g	590 g	4664	590 g	4664	70.81	10.5	3303
Z002682	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812B22	08	12	22	005EMS g	005EMS g	5647.5 g	582 g	5065.5	582 g	5065.5	77.94	10.9	3948
Z002683	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A05	08	08	05	005EMS g	005EMS g	5386 g	596 g	4790	596 g	4790	78.89	9.77	3779
Z002684	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A06	08	08	06	005EMS g	005EMS g	5141 g	584 g	4557	584 g	4557	80.28	10.6	3658
Z002685	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A07	08	08	07	005EMS g	005EMS g	5097 g	583 g	4514	583 g	4514	79.88	10.6	3606
Z002886	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C14	08	12	14	005EMS g	005EMS g	6308 g	577 g	5731	577 g	5731	80.22	10.9	4597
Z002894	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A35	08	06	35	005EMS g	005EMS g	5961 g	589 g	5371	589 g	5371	81.61	11.5	4383
Z002895	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A08	08	06	08	005EMS g	005EMS g	6699 g	580 g	6110	580 g	6110	81.02	10.6	4950
Z002697	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B30	08	06	30	005EMS g	005EMS g	6834 g	596 g	6238	596 g	6238	82.36	11.5	5138
Z002698	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806C30	08	06	30	005EMS g	005EMS g	7461 g	588 g	6873	588 g	6873	84.58	11.2	5813
Z002699	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803C35	08	03	35	005EMS g	005EMS g	6227 g	576 g	5651	576 g	5651	81.52	11.9	4607
Z002701	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803C34	08	03	34	005EMS g	005EMS g	6456 g	585 g	5871	585 g	5871	81.82	11.6	4804
Z002703	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C35	08	02	35	005EMS g	005EMS g	5202 g	588 g	4614	588 g	4614	81.69	11.4	3769
Z002709	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805A37	08	05	37	005EMS g	005EMS g	5933 g	591 g	5342	591 g	5342	81.23	11.5	4339
Z002710	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805B25	08	05	25	005EMS g	005EMS g	6248 g	594 g	5654	594 g	5654	78.25	11.2	4424
Z002711	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C28	08	02	28	005EMS g	005EMS g	8692 g	591 g	8101	591 g	8101	79.15	11	6412
Z002712	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C22	08	02	22	005EMS g	005EMS g	4745 g	593 g	4152	593 g	4152	78.99	11.1	3280
Z002714	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B39	08	03	39	005EMS g	005EMS g	3177 g	597 g	2580	597 g	2580	76.22	11.2	1966
Z002715	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A39	08	03	39	005EMS g	005EMS g	7435 g	598 g	6837	598 g	6837	78.36	7.12	5357
Z002716	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805A39	08	05	39	005EMS g	005EMS g	6865 g	588 g	6277	588 g	6277	77.72	6.96	4878
Z002717	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A35	08	03	35	005EMS g	005EMS g	6370 g	592 g	5778	592 g	5778	78.66	7.06	4545
Z002718	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B36	08	03	36	005EMS g	005EMS g	6590 g	589 g	6001	589 g	6001	81.35	8.12	4882
Z002719	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B35	08	03	35	005EMS g	005EMS g	5442 g	592 g	4850	592 g	4850	81.68	8.18	3961
Z002720	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803C31	08	03	31	005EMS g	005EMS g	4879 g	585 g	4294	585 g	4294	81.89	8.27	3516
Z002721	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805B30	08	05	30	005EMS g	005EMS g	5126 g	574 g	4552	574 g	4552	80.42	9.07	3661
Z002722	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805B29	08	05	29	005EMS g	005EMS g	5391 g	588 g	4803	588 g	4803	75.79	8.43	3640
Z002723	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B30	08	03	30	005EMS g	005EMS g	6643 g	587 g	6056	587 g	6056	80.58	8.31	4880
Z002724	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805B31	08	05	31	005EMS g	005EMS g	6689 g	591 g	6098	591 g	6098	81.25	8.29	4955
Z002725	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805A32	08	05	32	005EMS g	005EMS g	4842 g	592 g	4250	592 g	4250	79.45	9.08	3377
Z002726	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C31	08	02	31	005EMS g	005EMS g	5052 g	583 g	4469	583 g	4469	78.03	8.05	3487
Z002727	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A18	08	01	18	005EMS g	005EMS g	4861 g	591 g	4270	591 g	4270	78.14	7.92	3337
Z002728	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A17	08	01	17	005EMS g	005EMS g	7494 g	586 g	6908	586 g	6908	73.82	7.66	5099
Z002729	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A19	08	06	19	005EMS g	005EMS g	5486 g	590 g	4896	590 g	4896	76.3	7.51	3736
Z002730	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A16	08	06	16	005EMS g	005EMS g	5561 g	585 g	4976	585 g	4976	77.39	7.86	3851
Z002731	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A20	08	06	20	005EMS g	005EMS g	6296 g	590 g	5706	590 g	5706	79.95	8.09	4562
Z002740	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B26	08	06	26	005EMS g	005EMS g	5368 g	589 g	4779	589 g	4779	80.04	7.99	3825
Z002741	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A11	08	01	11	005EMS g	005EMS g	7271 g	605 g	6666	605 g	6666	80.04	7.84	5335
Z002742	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A13	08	09	13	005EMS g	005EMS g	5320 g	589 g	4731	589 g	4731	80.02	8.33	3786
Z002743	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A37	08	04	37	005EMS g	005EMS g	5298 g	583 g	4715	583 g	4715	79.55	7.73	3751
Z002744	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809B17	08	09	17	005EMS g	005EMS g	5850 g	585 g	5265	585 g	5265	81.14	8.45	4272
Z002745	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809B25	08	09	25	005EMS g	005EMS g	7002 g	584 g	6418	584 g	6418	82.4	8.51	5288
Z002746	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A31	08	04	31	005EMS g	005EMS g	4645 g	586 g	4059	586 g	4059	81.25	8.41	3298
Z002747	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C34	08	11	34	005EMS g	005EMS g	6102 g	582 g	5520	582 g	5520	82.75	8.52	4568
Z002748	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C35	08	11	35	005EMS g	005EMS g	5077 g	590 g	4487	590 g	4487	80.81	8.39	3626
Z002749	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812A33	08	12	33	005EMS g	005EMS g	6348 g	586 g	5762	586 g	5762	80.77	8.49	4654
Z002750	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C19	08	02	19	005EMS g	005EMS g	5746 g	582 g	5164	582 g	5164	82.41	8.33	4256
Z002751	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A16	08	04	16	005EMS g	005EMS g	7488 g	584 g	6904	584 g	6904	80.13	7.14	5532
Z002752	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A14	08	04	14	005EMS g	005EMS g	7058 g	589 g	6469	589 g	6469	79	9.46	5111
Z002756	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804B17	08	04	17	005EMS g	005EMS g	4754 g	590 g	4164	590 g	4164	76.85	9.77	3200
Z002757	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804B17	08	04	17	005EMS g	005EMS g	5568 g	598 g	4970	598 g	4970	78.31	7.91	3892
Z002758	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A18	08	04	18	005EMS g	005EMS g	5285 g	592 g	4693	592 g	4693	80	6.5	3754
Z002759	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A17	08	04	17	005EMS g	005EMS g	5223 g	591 g	4632	591 g	4632	79.94	5.58	3703
Z002760	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A24	08	04	24	005EMS g	005EMS g	6923 g	602 g	6321	602 g	6321	78.91	4.98	4988
Z002763	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A10	08	04	10	005EMS g	005EMS g	6100 g	597 g	5503	597 g	5503	77.77	5.54	4280
Z002764	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801B18	08	01	18	005EMS g	005EMS g	6724 g	595 g	6129	595 g	6129	75.71	6.59	4640
Z002765	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A03	08	06	03	005EMS g	005EMS g	7349 g	588 g	6761	588 g	6761	81.04	5.75	5479

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z002766	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A02	08	06	02	005EMS g		7154 g		591 g	591 g	6563	82.03	6.64	5384
Z002767	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B13	08	06	13	005EMS g		5628 g		590 g	590 g	5038	81.92	7.55	4127
Z002768	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B25	08	06	25	005EMS g		4940 g		588 g	588 g	5603	73.64	7.62	4126
Z002769	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A15	08	07	15	005EMS g		4940 g		591 g	591 g	4356	81.85	7.91	3565
Z002771	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801B05	08	01	05	005EMS g		4448 g		586 g	586 g	3747	78.32	9.08	2935
Z002773	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A07	08	07	07	005EMS g		4528 g		588 g	588 g	3862	83.39	8.66	3221
Z002774	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808A17	08	08	17	005EMS g		4528 g		588 g	588 g	3940	85.59	8.77	3372
Z002775	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805C15	08	05	15	005EMS g		4853 g		594 g	594 g	4259	82.8	8.65	3526
Z002776	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C32	08	04	32	005EMS g		5993 g		584 g	584 g	5409	84.02	8.63	4545
Z002777	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C34	08	04	34	005EMS g		7388 g		593 g	593 g	6795	83.83	8.74	5696
Z002778	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A28	08	01	28	005EMS g		4737 g		581 g	581 g	4156	82.87	8.89	3444
Z002779	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A29	08	01	29	005EMS g		6311 g		585 g	585 g	5726	83.373	8.89	4774
Z002780	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801C31	08	01	31	005EMS g		4587 g		583 g	583 g	4004	82.56	7.88	3306
Z002781	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804B16	08	04	16	005EMS g		3947 g		590 g	590 g	3357	82.04	7.85	2754
Z002782	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A33	08	01	33	005EMS g		3526 g		590 g	590 g	2936	83.16	8.5	2442
Z002784	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809C04	08	09	04	005EMS g		4750 g		585 g	585 g	4165	81.55	8.97	3397
Z002785	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809C03	08	09	03	005EMS g		6748 g		588 g	588 g	6160	74.92	9.07	4615
Z002787	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809B35	08	09	35	005EMS g		4727 g		587 g	587 g	4140	83	8.97	3436
Z002788	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809B34	08	09	34	005EMS g		3624 g		589 g	589 g	3035	83.05	9.41	2521
Z002789	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A11	08	09	11	005EMS g		4363 g		600 g	600 g	3763	82.96	8.87	3122
Z002790	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A05	08	03	05	005EMS g		4466 g		582 g	582 g	3884	83.09	8.82	3227
Z002791	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A01	08	03	01	005EMS g		4737 g		598 g	598 g	4139	83.14	8.94	3441
Z002792	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A03	08	03	03	005EMS g		7286 g		589 g	589 g	6697	82.85	9.08	5548
Z002793	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C38	08	02	38	005EMS g		4655 g		597 g	597 g	4058	82.72	8.49	3357
Z002794	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C26	08	02	26	005EMS g		4661 g		598 g	598 g	4063	82.83	8.5	3365
Z002795	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C16	08	02	16	005EMS g		4500 g		587 g	587 g	3913	83.21	8.41	3256
Z002796	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C25	08	02	25	005EMS g		4504.4 g		603 g	603 g	3901.4	83.85	8.62	3271
Z002797	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C39	08	02	39	005EMS g		4256 g		602 g	602 g	3654	84.33	8.53	3081
Z002798	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C10	08	02	10	005EMS g		5396 g		601 g	601 g	4795	83.71	8.45	4014
Z002799	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A02	08	09	02	005EMS g		4581 g		593 g	593 g	3988	82.96	8.66	3308
Z004201	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A20	08	09	20	005EMS g		4846 g		591 g	591 g	4255	82.67	8.71	3518
Z004202	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A07	08	03	07	005EMS g		4697 g		592 g	592 g	4105	83.51	8.55	3428
Z004203	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B11	08	03	11	005EMS g		4973 g		597 g	597 g	4376	81.9	6.76	3584
Z004204	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A13	08	07	13	005EMS g		4877 g		597 g	597 g	4280	80.26	8.61	3435
Z004206	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B09	08	03	09	005EMS g		4806 g		593 g	593 g	4213	84.08	10.6	3542
Z004207	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C16	08	16	36	005EMS g		4913 g		602 g	602 g	4311	83.23	10.4	3588
Z004208	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811B36	08	11	36	005EMS g		4478 g		600 g	600 g	3878	81.12	10.5	3146
Z004209	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B03	08	06	03	005EMS g		4350 g		596 g	596 g	3754	81.31	10.3	3052
Z004211	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A32	08	01	32	005EMS g		5182 g		596 g	596 g	4586	82.81	9.66	3798
Z004212	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804B10	08	04	10	005EMS g		4520 g		594 g	594 g	3926	82.78	9.02	3250
Z004213	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801C29	08	01	29	005EMS g		6844 g		596 g	596 g	6248	82.7	9.13	5167
Z004214	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A19	08	02	19	005EMS g		5023 g		597 g	597 g	4426	81.14	9.46	3591
Z004215	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A26	08	01	26	005EMS g		4150 g		594 g	594 g	3556	80.67	9.41	2869
Z004216	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A02	08	07	02	005EMS g		4506 g		595 g	595 g	3911	82.48	9.26	3226
Z004217	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A24	08	07	24	005EMS g		4801 g		602 g	602 g	4199	82.18	8.91	3451
Z004218	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809C33	08	09	33	005EMS g		4770 g		591 g	591 g	4179	82.33	8.72	3441
Z004219	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B10	08	03	10	005EMS g		4719 g		595 g	595 g	4124	80.33	8.89	3313
Z004220	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A02	08	01	02	005EMS g		4514 g		594 g	594 g	3920	79.78	8.92	3127
Z004221	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810A16	08	10	16	005EMS g		4255 g		595 g	595 g	3660	81.88	8.84	2997
Z004222	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805A10	08	05	10	005EMS g		4616 g		581 g	581 g	4035	82.82	8.72	3342
Z004223	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810A11	08	10	11	005EMS g		4745 g		583 g	583 g	4162	82.6	8.57	3438
Z004224	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810A17	08	10	17	005EMS g		4686 g		580 g	580 g	4106	82.69	8.35	3395
Z004225	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810A18	08	10	18	005EMS g		4703 g		585 g	585 g	4118	83.14	8.63	3424
Z004226	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810A25	08	10	25	005EMS g		4243 g		587 g	587 g	4655	82.36	8.61	3834
Z004227	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810A04	08	10	04	005EMS g		5431 g		595 g	595 g	4836	83.77	8.09	4051
Z004228	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810A12	08	10	12	005EMS g		4751 g		599 g	599 g	4152	83.09	8.32	3450
Z004229	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805A07	08	05	07	005EMS g		5090 g		577 g	577 g	4513	83.39	7.96	3763
Z004231	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810C09	08	10	09	005EMS g		6539 g		589 g	589 g	5950	82.15	8.7	4888
Z004232	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809B23	08	09	23	005EMS g		4773 g		580 g	580 g	4193	83.68	7.86	3509
Z004233	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805C13	08	05	13	005EMS g		4926 g		591 g	591 g	4335	83.21	7.5	3607
Z004234	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801C02	08	01	02	005EMS g		4673 g		592 g	592 g	4081	86.25	7.24	3520
Z004235	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802B05	08	02	05	005EMS g		5615 g		580 g	580 g	5035	82.2	9.13	4139
Z004236	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B18	08	06	20	005EMS g		4881 g		591 g	591 g	4290	74.44	8.32	3193
Z004237	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B18	08	06	18	005EMS g		4792 g		594 g	594 g	4198	85.62	9.05	3594
Z004238	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A23	08	06	23	005EMS g		5266 g		599 g	599 g	4667	83.16	8.75	3881
Z004239	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A29	08	06	29	005EMS g		5534 g		589 g	589 g	4945	82.72	8.59	4091
Z004240	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801C20	08	01	20	005EMS g		5008 g		594 g	594 g	4414	83.38	8.86	3680

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z004241	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B19	08	06	19	005EMS g		4663 g		591 g		4072	83.46	8.34	3398
Z004242	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B33	08	06	33	005EMS g		4404 g		597 g		3807	82	7.96	3122
Z004243	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A30	08	03	30	005EMS g		4681 g		589 g		4092	84.52	7.31	3459
Z004244	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A29	08	04	29	005EMS g		3999 g		596 g		3403	82.22	7.45	2798
Z004245	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C14	08	04	14	005EMS g		4771 g		592 g		4179	80.66	7.34	3371
Z004246	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A26	08	04	26	005EMS g		3943 g		592 g		3351	80.56	7.11	2700
Z004247	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804B25	08	04	25	005EMS g		5351 g		597 g		4754	82.89	6.83	3941
Z004248	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804B28	08	04	28	005EMS g		4834 g		590 g		4244	84.71	6.69	3595
Z004249	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C25	08	04	25	005EMS g		4705 g		589 g		4116	82.5	6.95	3396
Z004250	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804B27	08	04	27	005EMS g		5513 g		590 g		4923	80.14	7.03	3945
Z004251	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C27	08	04	27	005EMS g		5049 g		595 g		4454	75.49	7.49	3378
Z004252	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804B26	08	04	26	005EMS g		5076 g		597 g		4479	81.92	6.94	3669
Z004253	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804B21	08	04	21	005EMS g		4939 g		587 g		4352	80.7	7.08	3512
Z004254	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A24	08	01	24	005EMS g		5417 g		588 g		4829	81.21	6.53	3922
Z004255	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A25	08	01	25	005EMS g		4751 g		602 g		4149	82.67	6.29	3430
Z004256	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804B15	08	04	15	005EMS g		4264 g		590 g		3674	83.98	6.77	3085
Z004258	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808C21	08	08	21	005EMS g		6704 g		599 g		6105	82.08	5.38	5011
Z004259	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C18	08	04	18	005EMS g		5618 g		601 g		5017	81.33	6.29	4080
Z004260	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801C32	08	01	32	005EMS g		5620 g		599 g		5021	82.14	4.98	4124
Z004261	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C07	08	04	07	005EMS g		4532 g		598 g		3934	80.05	5.23	3149
Z004264	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801B35	08	01	35	005EMS g		5143 g		590 g		4553	82.47	5.17	3755
Z004265	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A22	08	02	22	005EMS g		5219 g		586 g		4633	82.1	5.16	3804
Z004267	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A03	08	07	03	005EMS g		5558 g		590 g		4768	83.64	6.7	3988
Z004268	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C33	08	04	33	005EMS g		5666 g		5079		5079	81.55	6.05	4142
Z004269	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C36	08	04	36	005EMS g		4773 g		591 g		4182	81.76	6.1	3419
Z004270	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B01	08	03	01	005EMS g		5688 g		593 g		5095	82.64	6.26	4211
Z004271	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B02	08	03	02	005EMS g		5592 g		592 g		5000	82.63	6.33	4132
Z004272	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B05	08	03	05	005EMS g		4956 g		595 g		4361	83.24	6.24	3630
Z004273	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C08	08	02	08	005EMS g		5493 g		593 g		4900	82.16	6.01	4026
Z004274	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A22	08	06	22	005EMS g		3810 g		582 g		3228	82.37	6.1	2659
Z004275	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A06	08	06	06	005EMS g		4161 g		587 g		3574	81.46	6.48	2911
Z004276	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A05	08	06	05	005EMS g		3951.3 g		597 g		3354.3	80.1	6.24	2687
Z004277	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B26	08	03	26	005EMS g		5688 g		595 g		5093	82.86	6.86	4220
Z004278	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B25	08	03	25	005EMS g		5555 g		584 g		4971	83.54	6.94	4153
Z004279	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B28	08	03	28	005EMS g		4108 g		579 g		3529	84.1	6.94	2968
Z004280	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C02	08	04	05	005EMS g		4373 g		593 g		3780	82.93	7	3135
Z004281	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C05	08	04	02	005EMS g		3878 g		585 g		3293	82.18	6.66	2706
Z004282	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A04	01	08	04	005EMS g		5461 g		596 g		4865	79.76	6.49	3880
Z004283	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805A20	08	05	20	005EMS g		4823 g		589 g		4234	81.67	6.39	3458
Z004284	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B04	08	06	04	005EMS g		5070 g		601 g		4469	81.65	6.39	3649
Z004285	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A17	08	02	17	005EMS g		5119 g		583 g		4536	79.89	6.5	3624
Z004286	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A30	08	01	30	005EMS g		5012 g		586 g		4426	80.7	7.17	3572
Z004287	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B34	08	03	34	005EMS g		5012 g		591 g		4421	82.1	7.21	3630
Z004288	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A15	08	04	15	005EMS g		4795 g		581 g		4214	82.15	7.23	3462
Z004289	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A15	08	02	15	005EMS g		4689 g		593 g		4096	80.81	7.44	3310
Z004290	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C19	08	04	19	005EMS g		5271 g		590 g		4681	82.74	7.99	3873
Z004291	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A21	08	07	21	005EMS g		5060 g		589 g		4471	82.16	8.08	3673
Z004292	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A18	08	09	18	005EMS g		5046 g		595 g		4451	78.35	8.27	3487
Z004293	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B32	08	03	32	005EMS g		4684 g		588 g		4096	78.24	7.69	3205
Z004294	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B11	08	06	11	005EMS g		4942 g		585 g		4357	77.31	7.49	3368
Z004295	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C01	08	02	01	005EMS g		5074 g		588 g		4486	72.24	8.11	3241
Z004296	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A27	08	06	27	005EMS g		5098 g		597 g		4501	76.29	7.84	3434
Z004297	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A31	08	06	31	005EMS g		4749 g		589 g		4160	71.28	8	2965
Z004298	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A17	08	06	18	005EMS g		4712 g		598 g		4114	80.7	8.04	3320
Z004299	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A18	08	06	17	005EMS g		4976 g		594 g		4382	79.09	8.22	3466
Z004300	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A28	08	06	28	005EMS g		5120 g		597 g		4523	79.44	7.92	3593
Z004301	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A32	08	06	32	005EMS g		5101 g		586 g		4515	78.02	7.91	3523
Z004302	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A21	08	06	21	005EMS g		4766 g		585 g		4181	78.9	7.85	3299
Z004303	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805A19	08	05	19	005EMS g		4258 g		587 g		3671	80.33	6.35	2949
Z004304	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805B18	08	05	18	005EMS g		4086 g		588 g		3498	82.54	5.77	2887
Z004305	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A19	08	07	19	005EMS g		3713 g		585 g		3128	83.82	5.43	2622
Z004306	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A18	08	07	18	005EMS g		6316 g		584 g		5732	83.49	5.96	4786
Z004307	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A20	08	07	20	005EMS g		4510 g		579 g		3931	82.7	6.44	3251
Z004308	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A13	08	01	13	005EMS g		5935 g		580 g		5355	82.42	6.17	4414
Z004309	Z Can	Z0	Lot 18 Uranium Oxides	744G/0808B08	08	08	08	005EMS g		4376.5 g		588 g		3788.5	83.8	6.07	4175
Z004310	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A34	08	01	34	005EMS g		4567 g		595 g		3972	82.08	6.21	3260
Z004311	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A26	08	07	26	005EMS g		4212 g		574 g		3638	82.96	6.1	3018
Z004312	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A16	08	07	16	005EMS g		4950 g		587 g		4363	82.79	5.96	3612

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z004314	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A14	08	07	14	005EMS g		5559 g		586 g		4973	82.82	6.1	4119
Z004315	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A12	08	07	12	005EMS g		4851 g		591 g		4260	82.85	6.4	3529
Z004316	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803C10	08	03	10	005EMS g		5168.8 g		584 g		4584.8	82.05	5.8	3762
Z004317	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803C12	08	03	12	005EMS g		6018 g		597 g		5421	83.36	5.98	4519
Z004318	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803C11	08	03	11	005EMS g		5303 g		589 g		4714	82.82	5.88	3904
Z004319	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803C08	08	03	08	005EMS g		5733 g		591 g		5142	84.3	5.75	4335
Z004320	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809A17	08	09	17	005EMS g		6640 g		593 g		6047	84.05	5.84	5083
Z004321	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804B31	08	04	31	005EMS g		4148 g		588 g		3560	83.25	6.18	2964
Z004322	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810B20	08	10	20	005EMS g		4759 g		591 g		4168	82.71	6.04	3447
Z004323	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810B19	08	10	19	005EMS g		5876 g		600 g		5276	77.41	5.13	4084
Z004324	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810B24	08	10	24	005EMS g		4386 g		591 g		3797	81.84	4.99	3107
Z004325	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810C04	08	10	04	005EMS g		3855 g		589 g		3264	83.37	5.01	2721
Z004326	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802B08	08	02	08	005EMS g		5001 g		591 g		4410	82.21	5.18	3625
Z004327	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802B14	08	02	14	005EMS g		3821 g		592 g		3229	81.63	5.27	2636
Z004328	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802B22	08	02	22	005EMS g		6596 g		598 g		5998	81.85	5.37	4909
Z004329	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A14	08	01	14	005EMS g		5306 g		592 g		4714	82.17	5.33	3873
Z004330	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801A16	08	01	16	005EMS g		4854 g		587 g		4267	82.07	4.96	3502
Z004331	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805C26	08	05	26	005EMS g		4948 g		593 g		4355	82.38	5.17	3588
Z004336	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C34	08	02	34	005EMS g		5132 g		596 g		4536	78.51	5.17	3561
Z004337	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C20	08	04	20	005EMS g		5242 g		587 g		4655	81.82	4.97	3809
Z004372	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C04	08	02	04	005EMS g		5499 g		585 g		4914	82.18	5.43	4038
Z004373	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802B36	08	02	36	005EMS g		5050 g		584 g		4466	82.14	6.02	3668
Z004374	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802B38	08	02	38	005EMS g		5409 g		578 g		4831	82.28	6.74	3975
Z004375	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802C03	08	02	03	005EMS g		5028 g		600 g		4428	82.43	6.2	3650
Z004376	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802B32	08	02	32	005EMS g		6269 g		583 g		5686	81.75	6.15	4648
Z004377	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810A05	08	10	05	005EMS g		6105 g		585 g		5520	81.91	5.78	4521
Z004378	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810A06	08	10	06	005EMS g		5759 g		578 g		5181	82.06	5.59	4252
Z004379	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805A05	08	05	05	005EMS g		5669 g		578 g		5091	83.34	6.58	4243
Z004380	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805A01	08	05	01	005EMS g		5694 g		584 g		5110	81.62	5.53	4171
Z004381	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810A07	08	10	07	005EMS g		5681 g		585 g		5096	82.11	5.19	4184
Z004382	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805A02	08	05	02	005EMS g		5408 g		597 g		4811	82.41	4.97	3965
Z004383	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810B26	08	10	26	005EMS g		5925 g		585 g		5340	82.61	5.65	4411
Z004384	Z Can	Z0	Lot 18 Uranium Oxides	744G/0809C13	08	09	13	005EMS g		4996 g		588 g		4408	81.82	6.83	3607
Z004385	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C27	08	11	27	005EMS g		5152 g		574 g		4578	80.58	7.99	3689
Z004386	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C24	08	11	24	005EMS g		5763 g		602 g		5161	82.01	5.22	4233
Z004388	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812B17	08	12	17	005EMS g		5586 g		590 g		4996	80.94	5.26	4044
Z004394	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A18	08	03	18	005EMS g		6216 g		580 g		5636	80.73	5.94	4550
Z004403	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805C29	08	05	29	005EMS g		5906 g		598 g		5308	80.69	6.88	4283
Z004404	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A17	08	03	17	005EMS g		5852 g		598 g		5254	80.95	7.35	4253
Z004415	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805C32	08	05	32	005EMS g		5911 g		592 g		5319	80.4	6.81	4276
Z004416	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A32	08	02	32	005EMS g		5967 g		590 g		5377	79.39	6.79	4269
Z004417	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A31	08	02	31	005EMS g		6328 g		590 g		5738	79.24	6.2	4547
Z004418	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C12	08	12	12	005EMS g		6630 g		588 g		6042	79.29	6.55	4791
Z004419	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A34	08	02	34	005EMS g		5569 g		593 g		4976	78.69	6.44	3916
Z004420	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A33	08	02	33	005EMS g		6066 g		589 g		5477	79.05	6.19	4330
Z004421	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812A31	08	12	31	005EMS g		6096 g		586 g		5510	78.65	6.14	4334
Z004422	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A20	08	02	20	005EMS g		5850 g		593 g		5257	78.19	5.94	4110
Z004423	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A28	08	02	28	005EMS g		6593 g		588 g		6005	81.51	6.63	4895
Z004424	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C30	08	11	30	005EMS g		6146 g		590 g		5556	81.11	6.75	4506
Z004425	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A27	08	02	27	005EMS g		6924 g		593 g		6331	79.56	6.61	5037
Z004426	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A26	08	02	26	005EMS g		5980 g		585 g		5395	80.06	5.94	4319
Z004427	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B16	08	03	16	005EMS g		5730 g		596 g		5134	79.42	5.47	4077
Z004428	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812C11	08	12	11	005EMS g		6257 g		598 g		5659	79.15	5.11	4479
Z004451	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A39	08	02	39	005EMS g		4813 g		630 g		4183	75.47	5.36	3157
Z004452	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A40	08	02	40	005EMS g		4042 g		648 g		3394	76.31	5.61	2590
Z004453	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801C40	08	01	40	005EMS g		4687 g		629 g		4058	77.4	5.57	3141
Z004454	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B20	08	03	20	005EMS g		5261 g		636 g		4625	77.47	5.61	3583
Z004455	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B19	08	03	19	005EMS g		4908 g		629 g		4279	77.02	6.41	3296
Z004456	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A16	08	03	16	005EMS g		4282 g		642 g		3640	76.82	5.68	2796
Z004461	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A26	08	03	26	005EMS g		4264 g		640 g		3624	78.48	5.36	2844
Z004463	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A40	08	06	25	005EMS g		6339 g		593 g		5746	80.37	5.91	4618
Z004464	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A40	08	06	40	005EMS g		4538 g		590 g		3948	80.87	6.12	3193
Z004465	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A39	08	06	39	005EMS g		4913 g		588 g		4325	80.33	5.35	3474
Z004466	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B40	08	03	40	005EMS g		4810 g		583 g		4227	81.44	5.88	3442
Z004467	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A40	08	03	40	005EMS g		5097 g		587 g		4096	80.65	6.01	3303
Z004468	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803C37	08	03	37	005EMS g		4754 g		587 g		4510	80.98	5.55	3652
Z004470	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A38	08	03	38	005EMS g		4167		587 g		4167	81.32	5.73	3389
Z004471	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B38	08	03	38	005EMS g		3799 g		597 g		3202	80.67	5.65	2583

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z004472	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803B37	08	03	37	005EMS	g	54.78	g	4896	582	4896	80.2	6.17	3927
Z004473	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A20	08	03	38	005EMS	g	64.25	g	5838	587	5838	79.98	6.36	4669
Z004474	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A35	08	02	35	005EMS	g	54.14	g	4822	592	4822	77.16	6.46	3721
Z004479	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A37	08	02	37	005EMS	g	58.20	g	5225	595	5225	77.58	6.09	4054
Z004480	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A38	08	02	38	005EMS	g	51.85	g	4597	588	4597	77.51	5.88	3563
Z004481	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C28	08	11	28	005EMS	g	49.25	g	4329	596	4329	73.82	5.75	3196
Z004482	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812B20	08	12	20	005EMS	g	53.65	g	4785	580	4785	74.33	5.75	3557
Z004483	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812B18	08	12	18	005EMS	g	57.35	g	5149	586	5149	74.87	5.39	3855
Z004484	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812A29	08	12	29	005EMS	g	61.20	g	5526	594	5526	74.25	5.27	4103
Z004485	Z Can	Z0	Lot 18 Uranium Oxides	744G/0810B32	08	10	32	005EMS	g	50.92	g	4498	594	4498	75.36	5.11	3390
Z004486	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812A34	08	12	34	005EMS	g	59.27	g	5333	594	5333	74.81	5.25	3990
Z004487	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812A30	08	12	30	005EMS	g	52.53	g	4647	606	4647	75.63	5.15	3515
Z004488	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812B19	08	12	19	005EMS	g	51.74	g	4583	591	4583	76.41	5.11	3502
Z004489	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812B14	08	12	14	005EMS	g	60.69	g	5471	598	5471	74.02	5.64	4050
Z004490	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C21	08	11	21	005EMS	g	56.32	g	5044	588	5044	75.12	5.65	3789
Z004491	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C20	08	11	20	005EMS	g	45.78	g	3984	594	3984	79.91	5.46	3184
Z004492	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C19	08	11	19	005EMS	g	25.73	g	1971	602	1971	79.21	6.04	1561
Z004493	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C18	08	11	18	005EMS	g	57.81	g	5188	593	5188	79.21	6.06	4109
Z004497	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C17	08	11	17	005EMS	g	46.41	g	4048	593	4048	77.91	6.32	3154
Z004498	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C22	08	11	22	005EMS	g	54.85	g	4904	581	4904	79.35	5.98	3891
Z004501	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C16	08	11	16	005EMS	g	68.19	g	6222	597	6222	79.97	6.32	4976
Z004502	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C15	08	11	15	005EMS	g	58.27	g	5239	588	5239	80.48	6.02	4216
Z004503	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C14	08	11	14	005EMS	g	51.97	g	4609	588	4609	79.99	5.93	3687
Z004505	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C13	08	11	13	005EMS	g	55.10	g	4924	586	4924	77.82	6.08	3832
Z004506	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C12	08	11	12	005EMS	g	45.32	g	3938	594	3938	78.49	5.94	3091
Z004507	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C11	08	11	11	005EMS	g	43.76	g	3375	589	3375	77.14	6.07	2603
Z004508	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C10	08	11	10	005EMS	g	49.84	g	4376	608	4376	79.5	6.22	3479
Z004509	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C07	08	11	07	005EMS	g	53.60	g	4770	590	4770	79.46	6.03	3790
Z004510	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C08	08	11	08	005EMS	g	47.97	g	4210	587	4210	79.72	5.97	3356
Z004511	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811C09	08	11	09	005EMS	g	45.54	g	3955	599	3955	70.21	6.73	2777
Z004518	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805C33	08	05	33	005EMS	g	39.56	g	3364	592	3364	79.09	5.41	2661
Z004519	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805B33	08	05	33	005EMS	g	43.17	g	3714	603	3714	78.47	5.38	2914
Z004522	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805C31	08	05	31	005EMS	g	42.29	g	3639	590	3639	78.37	5.41	2852
Z004524	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805A33	08	05	33	005EMS	g	43.59	g	3776	583	3776	77.58	5.5	2929
Z004525	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805C35	08	05	35	005EMS	g	53.23	g	4737	586	4737	77.34	5.36	3664
Z004526	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805C37	08	05	37	005EMS	g	45.04	g	3906	598	3906	78.44	5.32	3064
Z004528	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812A27	08	12	27	005EMS	g	44.91	g	3911	580	3911	78.43	6	3067
Z004529	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812A32	08	12	32	005EMS	g	49.06	g	4323	583	4323	76.81	5.71	3320
Z004530	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A29	08	03	29	005EMS	g	42.02	g	3610	592	3610	79.02	5.58	2853
Z004531	Z Can	Z0	Lot 18 Uranium Oxides	744G/0803A19	08	03	19	005EMS	g	41.18	g	3526	592	3526	79.38	5.34	2799
Z004532	Z Can	Z0	Lot 18 Uranium Oxides	744G/0802A30	08	02	30	005EMS	g	40.35	g	3445	590	3445	78.94	5.44	2719
Z004533	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812A26	08	12	26	005EMS	g	47.80	g	4199	581	4199	77.73	5.42	3264
Z004534	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812A28	08	12	28	005EMS	g	47.28	g	4142	586	4142	76.56	5.48	3171
Z004535	Z Can	Z0	Lot 18 Uranium Oxides	744G/0812A36	08	12	36	005EMS	g	51.68	g	4580	588	4580	78.28	5.38	3585
Z004536	Z Can	Z0	Lot 18 Uranium Oxides	744G/0805B27	08	05	27	005EMS	g	64.02	g	5811	591	5811	78.71	5.34	4574
Z004537	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A30	08	06	30	005EMS	g	62.65	g	5689	576	5689	79.21	5.36	4506
Z004538	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A11	08	06	11	005EMS	g	46.67	g	4089	578	4089	79.27	5.29	3241
Z004539	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B31	08	06	31	005EMS	g	41.68	g	3577	591	3577	80.18	5.41	2868
Z004540	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A09	08	06	09	005EMS	g	53.97	g	4814	583	4814	81.63	5.63	3930
Z004541	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A36	08	06	36	005EMS	g	50.39	g	4459	580	4459	79.11	5.57	3528
Z004542	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A26	08	06	26	005EMS	g	49.01	g	4311	590	4311	80.29	5.5	3461
Z004543	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806A24	08	06	24	005EMS	g	63.67	g	5785	582	5785	80.52	5	4658
Z004550	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811A34	08	11	34	005EMS	g	50.89	g	4504	585	4504	74.58	10.5	3359
Z004564	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811B29	08	11	29	005EMS	g	45.35	g	3917	618	3917	79.44	5.18	3112
Z004595	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811A35	08	11	35	005EMS	g	57.37	g	5149	588	5149	76.6	5.41	3944
Z004596	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811A36	08	11	36	005EMS	g	38.13	g	3221	592	3221	76.41	5.34	2461
Z004597	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811A37	08	11	37	005EMS	g	70.17	g	6420	597	6420	76.12	7	4887
Z004598	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811B01	08	11	01	005EMS	g	51.38	g	4550	588	4550	72.89	10.6	3316
Z007001	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811B03	08	11	03	005EMS	g	48.80	g	4285	595	4285	72.96	10.7	3126
Z007002	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811B04	08	11	04	005EMS	g	47.71	g	4183	588	4183	73.25	10.6	3064
Z007003	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811A01	08	11	01	005EMS	g	51.79	g	4591	588	4591	72.79	10.8	3342
Z007004	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811A02	08	11	02	005EMS	g	48.22	g	4221	601	4221	75.58	11	3190
Z007005	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811A03	08	11	03	005EMS	g	62.01	g	5616	585	5616	75.5	11	4240
Z007006	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811A04	08	11	04	005EMS	g	50.42	g	4450	592	4450	73.26	11.4	3260
Z007007	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811A05	08	11	05	005EMS	g	43.59	g	3779	580	3779	72.62	11.6	2744
Z007008	Z Can	Z0	Lot 18 Uranium Oxides	744G/0811A06	08	11	06	005EMS	g	45.44	g	3953	591	3953	73.13	11.9	2891
Z007009	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0811A07	08	11	07	005EMS	g	53.93	g	4805	588	4805	73.43	11.9	3528
Z007010	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0106A07	01	06	07	005EMS	g	57.42	g	5152	590	5152	73.96	12.3	3810

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z007011	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0113A07	01	13	07	005EMS	g	5577	g	582	g	4995	73.63	12.2	3678	
Z007012	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/00113A08	01	13	08	005EMS	g	5684	g	583	g	5101	76.64	12.1	3909	
Z007013	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/00811A11	08	11	11	005EMS	g	5116	g	583	g	4533	74.68	11.7	3385	
Z007014	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0110A13	01	10	13	005EMS	g	4487	g	587	g	3900	73.45	12.2	2865	
Z007059	Z Can	Z0	Lot 18 Uranium Oxides 744G/0110A15	01	10	15	005EMS	g	4902	g	592	g	4310	64.9	10.5	2797	
Z007060	Z Can	Z0	Lot 18 Uranium Oxides 744G/0110A16	01	10	16	005EMS	g	4752	g	592	g	4160	74.23	11.2	3088	
Z007061	Z Can	Z0	Lot 18 Uranium Oxides 744G/0110A17	01	10	17	005EMS	g	5178	g	588	g	4590	73.67	11.3	3381	
Z007062	Z Can	Z0	Lot 18 Uranium Oxides 744G/0110A20	01	10	20	005EMS	g	4329	g	585	g	3744	74.74	9.77	2798	
Z007063	Z Can	Z0	Lot 18 Uranium Oxides 744G/0109A19	01	09	19	005EMS	g	5295	g	590	g	4705	73.99	5.4	3481	
Z007064	Z Can	Z0	Lot 18 Uranium Oxides 744G/0807B40	08	07	40	005EMS	g	5259	g	594	g	4665	75.92	5.12	3542	
Z008201	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A09	04	06	09	005	g	6751	g	604	g	6147	79.77	3.76	4904	
Z008202	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A09	04	05	09	005	g	6701	g	584	g	6117	78.16	3.66	4782	
Z008203	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A01	04	05	01	005	g	6701	g	587	g	6114	80.32	4.09	4911	
Z008204	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A07	04	06	07	005	g	7036	g	588	g	6448	79.18	3.92	5106	
Z008205	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A15	04	05	15	005	g	6433	g	593	g	5890	80.31	3.45	4731	
Z008207	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A25	04	07	25	005	g	6658	g	588	g	6070	1	80.6	4793	
Z008208	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A02	04	05	02	005	g	6661	g	593	g	6068	6	78.5	4764	
Z008209	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A14	04	05	14	005	g	6598	g	585	g	6013	6	80.82	387	
Z008210	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A14	04	06	14	005	g	6520	g	602	g	5918	5	79.31	4694	
Z008211	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A04	04	07	04	005	g	6605	g	593	g	6012	5	79.31	387	
Z008213	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A15	04	06	15	005	g	6711	g	579	g	6132	2	79.72	372	
Z008214	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A13	04	06	13	005	g	6639	g	596	g	6043	1	78.55	368	
Z008215	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A30	04	07	30	005	g	6639	g	596	g	6369	1	78.72	5014	
Z008216	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A28	04	07	28	005	g	6665	g	587	g	6369	1	80.65	4716	
Z008217	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A11	04	06	11	005	g	6435	g	585	g	5848	1	80.65	304	
Z008218	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A11	04	07	11	005	g	4811	g	585	g	4226	8	80.14	332	
Z008219	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A03	04	05	03	005	g	6396	g	589	g	5807	3	83.27	291	
Z008220	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A13	04	06	13	005	g	6718	g	588	g	6130	9	81.9	275	
Z008221	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A30	04	06	30	005	g	6480	g	594	g	5886	2	81.82	27	
Z008222	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A12	04	07	12	005	g	6478	g	589	g	5889	4	82.73	29	
Z008223	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A24	04	05	24	005	g	6574	g	582	g	5992	4	81.62	276	
Z008226	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A28	04	05	28	005	g	6537	g	597	g	5940	6	82	27	
Z008227	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A28	04	05	13	005	g	6560	g	592	g	5968	2	59.62	255	
Z008229	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A13	04	05	13	005	g	6538	g	593	g	5945	6	81.53	263	
Z008232	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A12	04	06	12	005	g	6466	g	595	g	5871	5	79.62	239	
Z008233	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A16	04	05	16	005	g	6554	g	584	g	5970	2	81.72	282	
Z008234	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A05	04	07	05	005	g	6698	g	589	g	6109	8	82.18	255	
Z008235	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A09	04	07	09	005	g	6773	g	588	g	6185	3	82.15	269	
Z008236	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A29	04	06	29	005	g	6196	g	588	g	5608	8	80.96	29	
Z008237	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A29	04	07	08	005	g	6758	g	587	g	6171	7	83.03	24	
Z008238	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A08	04	07	08	005	g	6593	g	588	g	6005	8	82.17	247	
Z008240	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A06	04	05	06	005	g	6600	g	591	g	6009	4	82.22	277	
Z008241	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A12	04	05	12	005	g	6600	g	591	g	6009	4	82.22	277	
Z008242	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A05	04	05	05	005	g	6773	g	588	g	6185	3	82.15	269	
Z008243	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A06	04	06	06	005	g	6502	g	584	g	5918	9	82.56	245	
Z008244	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A18	04	06	18	005	g	6557	g	586	g	5971	5	81.21	266	
Z008245	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A14	04	07	14	005	g	6517	g	597	g	5920	7	82.97	239	
Z008246	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A14	04	07	14	005	g	6517	g	597	g	5920	7	82.97	239	
Z008247	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A04	04	05	04	005	g	6334	g	597	g	5738	8	82.43	256	
Z008247	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A04	04	05	04	005	g	6334	g	597	g	5738	8	82.43	256	
Z008248	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A27	04	06	27	005	g	6597	g	593	g	6004	6	82.95	221	
Z008248	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A27	04	06	27	005	g	6597	g	593	g	6004	6	82.95	221	
Z008249	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A21	04	07	21	005	g	6537	g	590	g	5947	2	82.43	251	
Z008249	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A21	04	07	21	005	g	6537	g	590	g	5947	2	82.43	251	
Z008251	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A17	04	05	17	005	g	6875	g	586	g	6289	5	82.64	595	
Z008251	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0405A17	04	05	17	005	g	6875	g	586	g	6289	5	82.64	595	
Z008252	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0408A25	04	08	25	005	g	6678	g	585	g	6093	1	80	348	
Z008252	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0408A25	04	08	25	005	g	6678	g	585	g	6093	1	80	348	
Z008253	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0408A23	04	08	23	005	g	6679	g	584	g	6095	5	79.46	323	
Z008253	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0408A23	04	08	23	005	g	6679	g	584	g	6095	5	79.46	323	
Z008254	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A20	04	07	20	005	g	7058	g	581	g	6477	4	81.04	294	
Z008254	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0407A20	04	07	20	005	g	7058	g	581	g	6477	4	81.04	294	
Z008255	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0404A26	04	04	26	005	g	6627	g	585	g	6042	5	79.88	323	
Z008255	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0404A26	04	04	26	005	g	6627	g	585	g	6042	5	79.88	323	
Z008256	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0404A29	04	04	29	005	g	6596	g	587	g	6009	3	80.52	358	
Z008256	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0404A29	04	04	29	005	g	6596	g	587	g	6009	3	80.52	358	
Z008257	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0408A17	04	08	17	005	g	6548	g	588	g	5960	4	81.92	386	
Z008257	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0408A17	04	08	17	005	g	6548	g	588	g	5960	4	81.92	386	
Z008258	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0408A16	04	08	16	005	g	6731	g	584	g	6147	8	81.27	391	
Z008258	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0408A16	04	08	16	005	g	6731	g	584	g	6147	8	81.27	391	
Z008259	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0408A18	04	08	18	005	g	6779	g	594	g	6185	4	82.06	396	
Z008259	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0408A18	04	08	18	005	g	6779	g	594	g	6185	4	82.06	396	
Z008261	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0404A27	04	04	27	005	g	7460	g	583	g	6877	8	80.56	384	
Z008261	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0404A27	04	04	27	005	g	7460	g	583	g	6877	8	80.56	384	
Z008262	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A24	04	06	24	005	g	7155	g	586	g	6569	7	83.93	623	
Z008262	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0406A24	04	06	24	005	g	7155	g	586	g	6569	7	83.93	623	
Z008263	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0801C33	08	01	33	005EMS	g	6808	g	584	g	6224	83.6	5.29	5203	
Z008263	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0801B27	08	01	27	005EMS	g	6577	g	581	g	5996	4	83.79	552	
Z008264	Z Can	Z0	U3O8 Not part of lot 18 inve 744G/0804B01	08													

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z008278	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0801B23	08	01	23	005EMS	g	6436.1	g	584	g	5852.1	82.66	5.92	4837
Z009409	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0107A13	01	07	13	005EMS	g	6254	g	593	g	5661	78.21	8.8	4427
Z009417	Z Can	Z0	Lot 18 Uranium Oxides	744G/0107A12	01	07	12	005EMS	g	6142	g	590	g	6152	81.1	8.86	4989
Z009419	Z Can	Z0	Lot 18 Uranium Oxides	744G/0107A03	01	07	03	005EMS	g	6621	g	593	g	6028	80.8	8.76	4871
Z009420	Z Can	Z0	Lot 18 Uranium Oxides	744G/0107A02	01	07	02	005EMS	g	7394	g	591	g	6803	81.25	8.68	5527
Z009421	Z Can	Z0	Lot 18 Uranium Oxides	744G/0107A01	01	07	01	005EMS	g	6680	g	608	g	6072	80.88	8.59	4911
Z009422	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A20	01	06	20	005EMS	g	6503	g	590	g	5913	80.35	8.71	4751
Z009423	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A17	01	06	17	005EMS	g	6886	g	604	g	6282	80.06	8.75	5029
Z009424	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A16	01	06	16	005EMS	g	6614	g	591	g	6023	80.7	9.76	4861
Z009425	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A19	01	06	19	005EMS	g	6849	g	604	g	6245	80.91	10.6	5053
Z009431	Z Can	Z0	Lot 18 Uranium Oxides	744G/0105A08	01	05	08	005EMS	g	7016	g	599	g	6417	80.05	6.53	5137
Z009433	Z Can	Z0	Lot 18 Uranium Oxides	744G/0113A01	01	13	01	005EMS	g	7014	g	593	g	6421	80	6.16	5137
Z009434	Z Can	Z0	Lot 18 Uranium Oxides	744G/0105A09	01	05	09	005EMS	g	6914	g	592	g	6322	79.69	6.1	5038
Z009435	Z Can	Z0	Lot 18 Uranium Oxides	744G/0401A07	04	01	07	005EMS	g	6773	g	589	g	6184	80.78	6.32	4995
Z009436	Z Can	Z0	Lot 18 Uranium Oxides	744G/0112A20	01	12	20	005EMS	g	6869	g	586	g	6283	81.33	6.24	5110
Z009437	Z Can	Z0	Lot 18 Uranium Oxides	744G/0105A17	01	05	17	005EMS	g	6843	g	581	g	6262	80.75	6.27	5057
Z009438	Z Can	Z0	Lot 18 Uranium Oxides	744G/0113A11	01	13	11	005EMS	g	6428	g	591	g	5837	80.32	6.41	4688
Z009440	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A15	01	06	15	005EMS	g	6648	g	582	g	6066	80.79	9.68	4901
Z009449	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0405A18	04	05	18	005	g	7977	g	589	g	7408	78.98	3.28	5851
Z009461	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A06	01	08	06	005EMS	g	6187	g	590	g	6187	69	11.3	4269
Z009462	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806B39	08	06	39	005EMS	g	6910	g	588	g	6322	81.58	10.6	5157
Z009463	Z Can	Z0	Lot 18 Uranium Oxides	744G/0111A15	01	11	15	005EMS	g	6843	g	597	g	6246	81.43	10.5	5086
Z009465	Z Can	Z0	Lot 18 Uranium Oxides	744G/0806C14	08	06	14	005EMS	g	6973	g	581	g	6392	79.5	9.92	5082
Z009475	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A12	01	06	12	005EMS	g	7069	g	586	g	6483	82.91	10.3	5375
Z009478	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0105A15	01	05	15	005EMS	g	6535	g	580	g	5955	82.47	10.1	4911
Z009479	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0105A16	01	05	16	005EMS	g	7089	g	588	g	6501	81.26	10.3	5283
Z009483	Z Can	Z0	Lot 18 Uranium Oxides	744G/0110A11	01	10	11	005EMS	g	7069	g	593	g	6476	80.28	10.6	5199
Z009484	Z Can	Z0	Lot 18 Uranium Oxides	744G/0110A01	01	10	01	005EMS	g	6554	g	599	g	5955	82.56	10.58	4916
Z009485	Z Can	Z0	Lot 18 Uranium Oxides	744G/0110A12	01	10	12	005EMS	g	6764	g	591	g	6173	80.5	10.68	4969
Z009487	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0112A01	01	12	01	005EMS	g	6648	g	589	g	6059	82.01	10.3	4969
Z009489	Z Can	Z0	Lot 18 Uranium Oxides	744G/0109A20	01	09	20	005EMS	g	6626	g	598	g	6028	81.05	10.32	4886
Z009492	Z Can	Z0	Lot 18 Uranium Oxides	744G/0110A08	01	10	08	005EMS	g	6751	g	587	g	6164	81.97	11.55	5053
Z009494	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0706A01	07	06	01	005EMS	g	6562	g	590	g	5972	83.55	12.3	4990
Z009495	Z Can	Z0	Lot 18 Uranium Oxides	744G/0110A02	01	10	02	005EMS	g	6617	g	585	g	6032	79.51	11.6	4796
Z009498	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0110A19	01	10	19	005EMS	g	6569	g	587	g	5982	83.57	12.2	4999
Z009499	Z Can	Z0	Lot 18 Uranium Oxides	744G/0111A17	01	11	17	005EMS	g	6372	g	588	g	3784	82.532	11.4	3123
Z010401	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A06	01	06	06	005EMS	g	6481	g	586	g	5895	77.91	11.2	4593
Z010405	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A13	01	06	13	005EMS	g	6559	g	591	g	5968	82.04	10.5	4896
Z010408	Z Can	Z0	Lot 18 Uranium Oxides	744G/0111A12	01	11	12	005EMS	g	6389	g	591	g	5798	83.78	11.3	4858
Z010409	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A14	01	06	14	005EMS	g	6805	g	604	g	6201	80.69	10.5	5004
Z010410	Z Can	Z0	Lot 18 Uranium Oxides	744G/0105A19	01	05	19	005EMS	g	6962	g	589	g	6373	81.86	11.5	5217
Z010412	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A08	01	06	08	005EMS	g	6866	g	591	g	6275	79.6	10.9	4995
Z010413	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A10	01	06	10	005EMS	g	7255	g	598	g	6657	77.5	11.1	5159
Z010414	Z Can	Z0	Lot 18 Uranium Oxides	744G/0108A18	01	08	18	005EMS	g	6536	g	606	g	5930	80.26	10.06	4759
Z010415	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A09	01	06	09	005EMS	g	6582	g	602	g	5980	82.96	10.5	4961
Z010422	Z Can	Z0	Lot 18 Uranium Oxides	744G/0106A11	01	06	11	005EMS	g	6657	g	585	g	6072	82.45	10.7	5006
Z010426	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0705A01	07	05	01	005EMS	g	6642	g	590	g	6052	82.32	12.5	4982
Z010436	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0111A04	01	11	04	005EMS	g	6861	g	588	g	6273	81.85	12.2	5134
Z010442	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0406A10	04	06	10	005	g	7067.8	g	593	g	6474.8	79.44	5.37	5144
Z010444	Z Can	Z0	Lot 18 Uranium Oxides	744G/0110A10	01	10	10	005EMS	g	6659	g	587	g	6072	84.21	9.97	5113
Z010446	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0111A01	01	11	01	005EMS	g	7203	g	590	g	6613	81.33	10.3	5378
Z010466	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0407A29	04	07	29	005	g	8816.2	g	584	g	8232.2	80.77	3.25	6649
Z010474	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0406A16	04	06	16	005	g	8378.4	g	590	g	7788.4	78.8	3.33	6137
Z010498	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0407A24	04	07	24	005	g	6348.2	g	606	g	5742.2	80.47	3.83	4621
Z013917	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0111A16	01	11	16	005EMS	g	10395	g	588	g	10397	76.003	10.01	7902
Z014130	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C08	08	04	08	005EMS	g	6859.5	g	545	g	6314.5	83.65	6.11	5282
Z014131	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C03	08	04	03	005EMS	g	6787.6	g	547	g	6240.6	82.33	5.75	5138
Z014132	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C31	08	04	31	005EMS	g	6742.2	g	544	g	6198.2	82.99	6.35	5144
Z014133	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804C23	08	04	23	005EMS	g	6797	g	554	g	6243	83.2	6.04	5194
Z014134	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801C25	08	01	25	005EMS	g	6360.6	g	547	g	5813.6	83.89	6.07	4877
Z014136	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801C22	08	01	22	005EMS	g	6656	g	544	g	6112	82.97	6.25	5071
Z014138	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0403A06	04	03	06	005	g	3741.3	g	550	g	3191.3	82.02	6.23	2618
Z014139	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0404A13	04	04	13	005	g	6578	g	551	g	6027	79	3.76	4761
Z014140	Z Can	Z0	Lot 18 Uranium Oxides	744G/0804A30	08	04	30	005EMS	g	6366	g	540	g	5826	82.74	6.39	4820
Z014143	Z Can	Z0	Lot 18 Uranium Oxides	744G/0801C23	08	01	23	005EMS	g	6704	g	549	g	6155	81.81	5.39	5035
Z014144	Z Can	Z0	Lot 18 Uranium Oxides	744G/0807A35	08	07	35	005EMS	g	6706.3	g	548	g	6158.3	82.52	5.79	5082
Z014145	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0406A28	04	06	28	005	g	6552.4	g	541	g	6011.4	83.21	6.58	5002
Z014146	Z Can	Z0	USO8 Not part of lot 18 inve	744G/0404A01	04	04	01	005	g	6702.9	g	550	g	6152.9	83.02	6.59	5108

ContainerId	Container Type	SizeCode	Description/Lot	Location	Loc Section	Loc Row	Loc Positio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	NetWeight Purity	Assay	Grams
2014147	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A20	04	05	20	005	005	g	6805.4	g	542	6263.4	83.5	6.52	5230
2014148	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A25	04	04	25	005	005	g	6748.8	g	544	6204.8	82.85	6.41	5141
2014149	Z Can	Z0	US08 Not part of lot 18 inve 744G/0406A19	04	06	19	005	005	g	6761.4	g	556	6205.4	83.26	6.3	5167
2014150	Z Can	Z0	US08 Not part of lot 18 inve 744G/0401A06	04	01	06	005	005	g	7132	g	545	6587	83.32	6.66	5488
2014151	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A08	04	05	08	005	005	g	6876.1	g	546	6330.1	83.31	6.3	5274
2014152	Z Can	Z0	US08 Not part of lot 18 inve 744G/0406A25	04	06	25	005	005	g	6478.1	g	557	5921.1	83.27	6.46	4942
2014153	Z Can	Z0	US08 Not part of lot 18 inve 744G/0406A23	04	06	23	005	005	g	6617.4	g	555	6062.4	83.42	6.39	5045
2014154	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A30	04	05	30	005	005	g	6933.7	g	549	6384.7	83.73	6.43	5346
2014155	Z Can	Z0	US08 Not part of lot 18 inve 744G/0406A17	04	06	17	005	005	g	6885.3	g	549	6036.3	83.1	6.17	5016
2014156	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A07	04	04	07	005	005	g	6649.3	g	562	6087.3	82.05	6.17	4995
2014157	Z Can	Z0	US08 Not part of lot 18 inve 744G/0407A06	04	07	06	005	005	g	6727.2	g	546	6181.2	83.59	6.31	5167
2014158	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A19	04	04	19	005	005	g	6686.9	g	550	6136.9	83.83	6.44	5145
2014159	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A18	04	04	18	005	005	g	6965.3	g	543	6422.3	83.58	6.66	5388
2014160	Z Can	Z0	US08 Not part of lot 18 inve 744G/0406A26	04	06	26	005	005	g	7346.3	g	547	6799.3	83.77	6.45	5696
2014161	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A10	04	05	10	005	005	g	6594.1	g	580	6014.1	83.98	6.37	5051
2014162	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A24	04	04	24	005	005	g	6549.2	g	583	5966.2	83.46	6.42	4979
2014163	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A04	04	04	04	005	005	g	6643.1	g	589	6054.1	83.11	6.3	5032
2014164	Z Can	Z0	US08 Not part of lot 18 inve 744G/0407A07	04	07	07	005	005	g	6739.7	g	582	6157.7	83.33	6.45	5131
2014165	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A20	04	04	20	005	005	g	6757.8	g	586	6171.8	82.78	6.31	5106
2014166	Z Can	Z0	US08 Not part of lot 18 inve 744G/0401A04	04	01	04	005	005	g	6715.9	g	595	6120.9	82.38	6.21	5042
2014168	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A19	04	05	19	005	005	g	6688.4	g	578	6110.4	83.82	6.48	5122
2014169	Z Can	Z0	US08 Not part of lot 18 inve 744G/0406A21	04	06	21	005	005	g	6604	g	590	6014	83.76	6.47	5037
2014170	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A21	04	05	21	005	005	g	6438.1	g	517	5921.1	83.46	6.47	4942
2014171	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A21	04	04	21	005	005	g	6499.1	g	584	5915.1	82.78	6.45	4897
2014172	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A07	04	05	07	005	005	g	6588.6	g	585	6003.6	83.03	6.45	4985
2014173	Z Can	Z0	US08 Not part of lot 18 inve 744G/0403A05	04	03	05	005	005	g	1530.8	g	583	947.8	83.05	6.27	787
2014174	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A17	04	04	17	005	005	g	6556.4	g	588	5968.4	82.54	5.15	4926
2014177	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A23	04	05	23	005	005	g	6502.9	g	592	5910.9	82.36	5.48	4886
2014178	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A10	04	04	10	005	005	g	6619.4	g	596	6023.4	82.72	5.61	4983
2014179	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A25	04	05	25	005	005	g	6626.3	g	590	6036.3	82.42	5.65	4975
2014180	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A12	04	04	12	005	005	g	6754.7	g	584	6170.7	82.67	5.66	5101
2014183	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A15	04	04	15	005	005	g	6586.3	g	585	6001.3	82.7	5.73	4963
2014184	Z Can	Z0	US08 Not part of lot 18 inve 744G/0401A05	04	01	05	005	005	g	6636.5	g	598	6038.5	83	5.93	5012
2014185	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A05	04	04	05	005	005	g	6675.2	g	591	6084.2	82.95	6.43	5047
2014186	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A11	04	04	11	005	005	g	6550	g	602	5948	82.36	4.85	4899
2014187	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A08	04	04	08	005	005	g	8603.4	g	595	8008.4	81.88	2.72	6557
2014190	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A30	04	04	30	005	005	g	6608.2	g	595	6013.2	82.58	6.32	4966
2014191	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A06	04	04	06	005	005	g	6689.5	g	588	6101.5	82.41	6.34	5028
2014192	Z Can	Z0	US08 Not part of lot 18 inve 744G/0403A02	04	03	02	005	005	g	6570	g	592	5978	83.51	5.91	4992
2014401	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A16	04	04	16	005	005	g	6604.2	g	608	5996.2	82.23	5.47	4931
2014402	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A14	04	04	14	005	005	g	6589	g	598	5991	82.45	5.42	4940
2014403	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A29	04	05	29	005	005	g	6674.4	g	609	6065.4	82.06	5.7	4977
2014404	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A03	04	04	03	005	005	g	6397.6	g	613	5784.6	82.4	5.84	4767
2014405	Z Can	Z0	US08 Not part of lot 18 inve 744G/0404A23	04	04	23	005	005	g	6687	g	590	6097	82.22	5.67	5013
2014406	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A27	04	05	27	005	005	g	6769.6	g	606	6163.6	82.05	5.83	5057
2014408	Z Can	Z0	US08 Not part of lot 18 inve 744G/0405A22	04	05	22	005	005	g	6715.4	g	597	6118.4	82.34	5.86	5038
2015277	Z Can	Z0	US08 Not part of lot 18 inve 744G/0408A06	04	08	06	005	005	g	4826	g	589	4237	78.86	1.91	3341
2018745	Z Can	Z0	US08 Not part of lot 18 inve 744G/0408A05	04	08	05	005	005	g	6315.9	g	584	5731.9	82.97	4.86	4756
2018783	Z Can	Z0	US08 Not part of lot 18 inve 744G/0101A18	01	01	18	005EMS	005	g	6635.1	g	584	6051.1	85.43	4.99	5169
2018799	Z Can	Z0	US08 Not part of lot 18 inve 744G/0408A03	04	08	03	005	005	g	4868	g	583	4285	83.366	4.67	3572
2019291	Z Can	Z0	US08 Not part of lot 18 inve 744G/0408A04	04	08	04	005	005	g	583	g	583	0	0	0	0
2019895	Z Can	Z0	US08 Not part of lot 18 inve 744G/0801A23	08	01	23	002	002	g	5331.5	g	589	4742.5	83.9	4.87	3979
2020361	Z Can	Z0	US08 Not part of lot 18 inve 744G/0408A07	04	08	07	005	005	g	3305	g	607	2698	86.36	9.88	2330
2020996	Z Can	Z0	US08 Not part of lot 18 inve 744G/0408A29	04	08	29	005	005	g	4962.2	g	603	4359.2	72.96	4.64	3180
2021508	Z Can	Z0	US08 Not part of lot 18 inve 744G/0130A72	01	30	72	005EMS	005	g	6517	g	609	5908	84.57	4.97	4996
2021510	Z Can	Z0	US08 Not part of lot 18 inve 744G/0812A16	08	12	16	005EMS	005	g	3658.2	g	585	3073.2	83.24	5.35	2558
2021513	Z Can	Z0	US08 Not part of lot 18 inve 744G/0130A71	01	30	71	005EMS	005	g	6562	g	584	5978	84.93	4.96	5077
2022132	Z Can	Z0	US08 Not part of lot 18 inve 744G/0114A20	01	14	20	005	005	g	3418.1	g	596	2822.1	70.11	4.27	1979
2022133	Z Can	Z0	US08 Not part of lot 18 inve 744G/0114A03	01	14	03	005	005	g	6330.7	g	593	5737.7	84.13	4.67	4827
2022134	Z Can	Z0	US08 Not part of lot 18 inve 744G/0114A05	01	14	05	005	005	g	6405	g	587	5818	83.78	4.62	4874
2022135	Z Can	Z0	US08 Not part of lot 18 inve 744G/0116A01	01	16	01	005	005	g	6441.6	g	589	5852.6	83.97	4.43	4914
2022136	Z Can	Z0	US08 Not part of lot 18 inve 744G/0113A20	01	13	20	005	005	g	6137.9	g	589	5548.7	85.64	4.4	4752
2022137	Z Can	Z0	US08 Not part of lot 18 inve 744G/0116A02	01	16	02	005	005	g	1971.4	g	592	1379.4	83.2	4.45	1148
2022138	Z Can	Z0	US08 Not part of lot 18 inve 744G/0116A04	01	16	04	005	005	g	4128.4	g	591	3537.4	82.97	4.74	2935
2022139	Z Can	Z0	US08 Not part of lot 18 inve 744G/0115A19	01	15	19	005	005	g	6518.2	g	593	5925.2	84.63	4.7	5014
2022140	Z Can	Z0	US08 Not part of lot 18 inve 744G/0114A01	01	14	01	005	005	g	6565	g	594	5971	83.59	4.42	4991
2022141	Z Can	Z0	US08 Not part of lot 18 inve 744G/0115A17	01	15	17	005	005	g	6512.7	g	587	5925.7	84.41	4.64	5002

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z022142	Z Can	Z0	U3O8 Not part of lot 18 inve 744G00114A04	Lot 18 inve 744G00114A04	01	14	04	005	g	6221.8 g	589 g	589 g	589 g	5632.8	82.42	4.08	4643
Z022143	Z Can	Z0	U3O8 Not part of lot 18 inve 744G00113A13	Lot 13 inve 744G00113A13	01	13	13	005	g	5586.4 g	590 g	590 g	590 g	4986.4	81.82	4.47	4088
Z022144	Z Can	Z0	U3O8 Not part of lot 18 inve 744G00114A02	Lot 14 inve 744G00114A02	01	14	02	005	g	5612.3 g	594 g	594 g	594 g	5018.3	81	4.47	4065
Z022145	Z Can	Z0	U3O8 Not part of lot 18 inve 744G00114A14	Lot 14 inve 744G00114A14	01	14	14	005	g	5790.5 g	594 g	594 g	594 g	5196.5	82.48	4.36	4286
Z022146	Z Can	Z0	U3O8 Not part of lot 18 inve 744G00114A15	Lot 15 inve 744G00114A15	01	14	15	005	g	5541.8 g	595 g	595 g	595 g	4946.8	83.46	4.35	4129
Z022147	Z Can	Z0	U3O8 Not part of lot 18 inve 744G00114A12	Lot 12 inve 744G00114A12	01	14	12	005	g	5628 g	594 g	594 g	594 g	5034	84.29	4.45	4243
Z022148	Z Can	Z0	U3O8 Not part of lot 18 inve 744G00114A08	Lot 14 inve 744G00114A08	01	14	08	005	g	5786 g	585 g	585 g	585 g	5201	83.11	4.56	4323
Z022149	Z Can	Z0	U3O8 Not part of lot 18 inve 744G00114A16	Lot 16 inve 744G00114A16	01	14	16	005	g	5610.3 g	585 g	585 g	585 g	5025.3	83.11	4.52	4177
Z022162	Z Can	Z0	U3O8 Not part of lot 18 inve 744G00812A13	Lot 13 inve 744G00812A13	08	12	13	005	g	2265.3 g	593 g	593 g	593 g	1672.3	85.83	4.53	1435
Z892270	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807B36	Lot 18 inve 744G0807B36	08	07	36	005EMS	g	5668 g	577 g	577 g	577 g	5091	78.41	9.7	3992
Z892272	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807B09	Lot 18 inve 744G0807B09	08	07	09	005EMS	g	6126 g	577 g	577 g	577 g	5549	79.41	11	4406
Z892273	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801A38	Lot 18 inve 744G0801A38	08	01	38	005EMS	g	7362 g	574 g	574 g	574 g	6788	80.81	7	5485
Z892274	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801B26	Lot 18 inve 744G0801B26	08	01	26	005EMS	g	7363 g	580 g	580 g	580 g	6783	80.64	5.4	5470
Z892419	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0803C09	Lot 18 inve 744G0803C09	08	03	09	005EMS	g	5636 g	575 g	575 g	575 g	5061	80.07	8.54	4052
Z892420	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804B32	Lot 18 inve 744G0804B32	08	04	32	005EMS	g	6665 g	566 g	566 g	566 g	6099	81.21	9.35	4953
Z892421	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804A39	Lot 18 inve 744G0804A39	08	04	39	005EMS	g	8198 g	578 g	578 g	578 g	7620	80.27	9.8	6117
Z892422	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0809B06	Lot 18 inve 744G0809B06	08	09	06	005EMS	g	6995 g	582 g	582 g	582 g	6413	81.31	11.4	5214
Z892428	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804B03	Lot 18 inve 744G0804B03	08	04	03	005EMS	g	5069 g	578 g	578 g	578 g	4491	62.96	11.3	2828
Z892429	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0802A13	Lot 18 inve 744G0802A13	08	02	13	005EMS	g	5154 g	574 g	574 g	574 g	4580	64.17	10.5	2939
Z892432	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804C04	Lot 18 inve 744G0804C04	08	04	04	005EMS	g	6541 g	578 g	578 g	578 g	5963	61.33	10.5	3657
Z892433	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804C10	Lot 18 inve 744G0804C10	08	04	10	005EMS	g	5359 g	574 g	574 g	574 g	4785	61.14	8.95	2926
Z892434	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801C24	Lot 18 inve 744G0801C24	08	01	24	005EMS	g	4825 g	572 g	572 g	572 g	4253	59.01	8.82	2510
Z892448	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801C26	Lot 18 inve 744G0801C26	08	01	26	005EMS	g	7073 g	575 g	575 g	575 g	6498	43.55	11.7	2830
Z892449	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804C29	Lot 18 inve 744G0804C29	08	04	29	005EMS	g	6392 g	581 g	581 g	581 g	5811	47.72	11.1	2773
Z892450	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807C04	Lot 18 inve 744G0807C04	08	07	04	005EMS	g	8041 g	575 g	575 g	575 g	7466	54.07	10.3	4037
Z892467	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804C09	Lot 18 inve 744G0804C09	08	04	09	005EMS	g	8085 g	569 g	569 g	569 g	7516	79.2	5.63	5953
Z892468	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804B12	Lot 18 inve 744G0804B12	08	04	12	005EMS	g	6253 g	567 g	567 g	567 g	5686	80.73	6.14	4590
Z892469	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801C28	Lot 18 inve 744G0801C28	08	01	28	005EMS	g	7952 g	559 g	559 g	559 g	7393	80.78	8.69	5972
Z892470	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801C27	Lot 18 inve 744G0801C27	08	01	27	005EMS	g	7332 g	564 g	564 g	564 g	6768	80.29	6.01	5434
Z892471	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801B37	Lot 18 inve 744G0801B37	08	01	37	005EMS	g	6946 g	563 g	563 g	563 g	6383	79.3	6.46	5062
Z892472	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0802A18	Lot 18 inve 744G0802A18	08	02	18	005EMS	g	7541 g	562 g	562 g	562 g	6979	73.29	6.34	5115
Z892475	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807C31	Lot 18 inve 744G0807C31	08	07	31	005EMS	g	5696 g	569 g	569 g	569 g	5127	76.14	5.11	3904
Z892476	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804A20	Lot 18 inve 744G0804A20	08	04	20	005EMS	g	5372 g	570 g	570 g	570 g	4802	75.31	5.44	3616
Z892477	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807B38	Lot 18 inve 744G0807B38	08	07	38	005EMS	g	6354 g	568 g	568 g	568 g	5786	74.24	6.67	4296
Z892478	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807B39	Lot 18 inve 744G0807B39	08	07	39	005EMS	g	7120 g	570 g	570 g	570 g	6550	78.14	7.39	5118
Z892479	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807C29	Lot 18 inve 744G0807C29	08	07	29	005EMS	g	6910 g	567 g	567 g	567 g	6343	78.3	7.25	4967
Z892480	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807C28	Lot 18 inve 744G0807C28	08	07	28	005EMS	g	6496 g	566 g	566 g	566 g	5930	80.49	7.42	4773
Z892481	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807B37	Lot 18 inve 744G0807B37	08	07	37	005EMS	g	8128 g	577 g	577 g	577 g	7551	80.64	7.54	6089
Z892482	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0805C08	Lot 18 inve 744G0805C08	08	05	08	005EMS	g	7389 g	570 g	570 g	570 g	6819	79.36	7.4	5412
Z892549	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0805C06	Lot 18 inve 744G0805C06	08	05	06	005EMS	g	6350 g	567 g	567 g	567 g	5783	62.97	10.5	3642
Z892550	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0809B27	Lot 18 inve 744G0809B27	08	09	27	005EMS	g	4698 g	570 g	570 g	570 g	4128	60.96	9.09	2516
Z892551	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0806C10	Lot 18 inve 744G0806C10	08	06	10	005EMS	g	5744 g	567 g	567 g	567 g	5177	61.46	8.97	3182
Z892552	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807C17	Lot 18 inve 744G0807C17	08	07	17	005EMS	g	7495 g	563 g	563 g	563 g	6932	64.92	10.3	4500
Z892553	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807C34	Lot 18 inve 744G0807C34	08	07	34	005EMS	g	5039 g	572 g	572 g	572 g	4467	60.34	9.69	2695
Z892553	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0808B06	Lot 18 inve 744G0808B06	08	08	06	005EMS	g	7835.1 g	495 g	495 g	495 g	7340.1	60.9	9.49	4470
Z892564	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0808C40	Lot 18 inve 744G0808C40	08	08	40	005EMS	g	6196 g	501 g	501 g	501 g	5695	48.53	5.67	2764
Z892565	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804C35	Lot 18 inve 744G0804C35	08	04	35	005EMS	g	7030 g	489 g	489 g	489 g	6541	46.62	5.19	3049
Z892574	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807C26	Lot 18 inve 744G0807C26	08	07	26	005EMS	g	8124 g	490 g	490 g	490 g	7634	78.66	5.06	6005
Z892575	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0807B24	Lot 18 inve 744G0807B24	08	07	24	005EMS	g	6427 g	482 g	482 g	482 g	5945	77.86	5.17	4629
Z892661	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801B36	Lot 18 inve 744G0801B36	08	01	36	005EMS	g	7565.4 g	576 g	576 g	576 g	5898	71.12	5.21	4195
Z892662	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804A25	Lot 18 inve 744G0804A25	08	04	25	005EMS	g	6849 g	582 g	582 g	582 g	6267	77.5	5.31	4857
Z892663	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801B31	Lot 18 inve 744G0801B31	08	01	31	005EMS	g	6282 g	572 g	572 g	572 g	5710	79.01	5.47	4511
Z892669	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804B19	Lot 18 inve 744G0804B19	08	04	19	005EMS	g	7871.8 g	573 g	573 g	573 g	7298.8	78.35	5.46	5719
Z892670	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801C36	Lot 18 inve 744G0801C36	08	01	36	005EMS	g	5912 g	581 g	581 g	581 g	5331	78.97	5.4	4210
Z892671	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0804B20	Lot 18 inve 744G0804B20	08	04	20	005EMS	g	7515 g	571 g	571 g	571 g	6944	79.4	5.55	5514
Z892672	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801B34	Lot 18 inve 744G0801B34	08	01	34	005EMS	g	7452 g	576 g	576 g	576 g	6876	77.97	5.36	5361
Z892764	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801C34	Lot 18 inve 744G0801C34	08	01	34	005EMS	g	8520 g	603 g	603 g	603 g	7917	74.26	3.13	5879
Z892835	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0408A12	Lot 18 inve 744G0408A12	04	08	12	005	g	8233 g	582 g	582 g	582 g	7651	82.5	4.5	6312
Z892836	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0802B29	Lot 18 inve 744G0802B29	08	02	29	005EMS	g	7625 g	582 g	582 g	582 g	7043	82.53	5.28	5813
Z892837	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0806C20	Lot 18 inve 744G0806C20	08	06	20	005EMS	g	7515 g	582 g	582 g	582 g	6933	81.58	5.34	5656
Z892838	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0802B25	Lot 18 inve 744G0802B25	08	02	25	005EMS	g	8327 g	580 g	580 g	580 g	7747	83.33	6.36	6456
Z892840	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0803C27	Lot 18 inve 744G0803C27	08	03	27	005EMS	g	7842 g	591 g	591 g	591 g	7251	81.86	5.58	5936
Z892841	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0806B34	Lot 18 inve 744G0806B34	08	06	40	005EMS	g	6966 g	587 g	587 g	587 g	6379	82.94	5.75	5291
Z892842	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801A36	Lot 18 inve 744G0801A36	08	05	34	005EMS	g	9091 g	602 g	602 g	602 g	8489	82.61	5.92	7013
Z892843	Z Can	Z8	U3O8 Not part of lot 18 inve 744G0801A36	Lot													

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z892846	Z Can	Z8	Lot 18 Uranium Oxides	744G/0808C25	08	08	25	005EMS g	005EMS g	9268 g	588 g	8680	588 g	8680	82.65	5.9	7174
Z892847	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804C12	08	04	12	005EMS g	005EMS g	8391 g	586 g	7805	586 g	7805	82.15	5.82	6412
Z892848	Z Can	Z8	Lot 18 Uranium Oxides	744G/010A016	01	10	06	005EMS g	005EMS g	7746 g	591 g	7155	591 g	7155	82.94	5.56	5934
Z892849	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801B30	08	01	30	005EMS g	005EMS g	8790 g	589 g	8201	589 g	8201	81.91	5.53	6717
Z892850	Z Can	Z8	Lot 18 Uranium Oxides	744G/0808B04	08	08	04	005EMS g	005EMS g	8177 g	593 g	7584	593 g	7584	82.38	5.61	6248
Z892851	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804B13	08	04	13	005EMS g	005EMS g	6657 g	584 g	6073	584 g	6073	81.81	5.86	4968
Z892852	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801A35	08	01	35	005EMS g	005EMS g	7603 g	588 g	7015	588 g	7015	81.24	5.76	5699
Z892853	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802A12	08	02	12	005EMS g	005EMS g	7996 g	585 g	7411	585 g	7411	81.74	5.31	6058
Z892854	Z Can	Z8	Lot 18 Uranium Oxides	744G/0110A07	01	10	07	005EMS g	005EMS g	8738 g	584 g	8154	584 g	8154	81.68	5	6660
Z892855	Z Can	Z8	Lot 18 Uranium Oxides	744G/0110A05	01	10	05	005EMS g	005EMS g	7290 g	585 g	6705	585 g	6705	81.49	4.98	5464
Z892856	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804A08	08	04	08	005EMS g	005EMS g	8528 g	587 g	7941	587 g	7941	80.25	5.15	6373
Z892857	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803A31	08	03	31	005EMS g	005EMS g	9786 g	589 g	9197	589 g	9197	80.97	5.09	7447
Z892864	Z Can	Z8	Lot 18 Uranium Oxides	744G/0807B12	08	07	12	005EMS g	005EMS g	8911 g	574 g	8337	574 g	8337	79.37	5.04	6617
Z892875	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801A37	08	01	37	005EMS g	005EMS g	9479 g	585 g	8894	585 g	8894	73.09	5.71	6501
Z892895	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804C11	08	04	11	005EMS g	005EMS g	6673 g	582 g	6091	582 g	6091	79.87	7.95	4865
Z892896	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804A27	08	04	27	005EMS g	005EMS g	7129 g	581 g	6548	581 g	6548	80.06	8.14	5242
Z892897	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804A28	08	04	28	005EMS g	005EMS g	7730 g	575 g	7155	575 g	7155	79.82	6.66	5711
Z892898	Z Can	Z8	Lot 18 Uranium Oxides	744G/0808C17	08	08	17	005EMS g	005EMS g	7420 g	578 g	6842	578 g	6842	79.62	5.4	5448
Z892913	Z Can	Z8	U3O8 Not part of lot 18 inve	744G/0405A11	04	05	11	005EMS g	005EMS g	2588 g	586 g	2002	586 g	2002	87.58	2.87	1753
Z892965		Z8	Lot 18 Uranium Oxides	744G/0807C40	08	07	40	005EMS g	005EMS g	6276 g	572 g	5704	572 g	5704	79	5	4506
Z892966	Z Can	Z8	Lot 18 Uranium Oxides	744G/0808C09	08	08	09	005EMS g	005EMS g	5698 g	573 g	5125	573 g	5125	77.09	5.33	3951
Z892967	Z Can	Z8	Lot 18 Uranium Oxides	744G/0808C13	08	08	13	005EMS g	005EMS g	5655 g	568 g	5087	568 g	5087	77.87	5.4	3961
Z892968	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810A37	08	10	37	005EMS g	005EMS g	5496 g	568 g	4928	568 g	4928	74.64	5.74	3678
Z892969	Z Can	Z8	Lot 18 Uranium Oxides	744G/0408A08	04	08	08	005	005 g	7320 g	568 g	6752	568 g	6752	80.67	4.46	5447
Z893100	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806B07	08	06	07	005EMS g	005EMS g	8723 g	574 g	8149	574 g	8149	81.46	5.52	6638
Z893101	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803A25	08	03	25	005EMS g	005EMS g	8564 g	571 g	7993	571 g	7993	83.14	7.65	6645
Z893102	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806C34	08	06	34	005EMS g	005EMS g	9172 g	572 g	8600	572 g	8600	83.58	7.94	7188
Z893103	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801C15	08	01	15	005EMS g	005EMS g	8576 g	564 g	8012	564 g	8012	83.36	7.11	6679
Z893104	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802B30	08	02	30	005EMS g	005EMS g	8634 g	575 g	8059	575 g	8059	83.3	6.61	6713
Z893105	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801C16	08	01	16	005EMS g	005EMS g	9717 g	570 g	9147	570 g	9147	82.9	6.38	7583
Z893106	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806C17	08	06	17	005EMS g	005EMS g	10231 g	570 g	9661	570 g	9661	82.45	7.57	7965
Z893107	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806C26	08	06	26	005EMS g	005EMS g	8029 g	570 g	7459	570 g	7459	82.55	6.88	6157
Z893108	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801B20	08	01	20	005EMS g	005EMS g	7031 g	571 g	6460	571 g	6460	83.25	8.42	5378
Z893111	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802A11	08	02	11	005EMS g	005EMS g	8695 g	572 g	8123	572 g	8123	83.61	10.4	6792
Z893112	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803C06	08	03	06	005EMS g	005EMS g	8206 g	572 g	7634	572 g	7634	82.85	9.23	6325
Z893113	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802A24	08	02	24	005EMS g	005EMS g	9166 g	578 g	8588	578 g	8588	82.93	8.44	7122
Z893114	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803C02	08	03	02	005EMS g	005EMS g	8446 g	574 g	7872	574 g	7872	81.7	9.54	6431
Z893116	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803A04	08	03	04	005EMS g	005EMS g	8553 g	574 g	7979	574 g	7979	83.09	7.71	6630
Z893117	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803C28	08	03	28	005EMS g	005EMS g	9095 g	563 g	8532	563 g	8532	83.33	7.74	7110
Z893118	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802B35	08	02	35	005EMS g	005EMS g	6522 g	572 g	5950	572 g	5950	82.53	11.4	4911
Z893119	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A34	08	05	34	005EMS g	005EMS g	7355 g	575 g	6780	575 g	6780	82.56	10.6	5598
Z893120	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812A17	08	12	17	005EMS g	005EMS g	7417 g	570 g	6847	570 g	6847	82.4	9.19	5642
Z893122	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806C32	08	06	32	005EMS g	005EMS g	6941 g	574 g	6367	574 g	6367	83.47	7.77	5315
Z893123	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805C34	08	05	34	005EMS g	005EMS g	8207 g	578 g	7629	578 g	7629	82.75	8	6313
Z893125	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801C18	08	01	18	005EMS g	005EMS g	8285 g	575 g	7710	575 g	7710	83.5	6.28	6438
Z893126	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806B21	08	06	21	005EMS g	005EMS g	8505 g	572 g	7933	572 g	7933	83.01	5.06	6585
Z893129	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806B29	08	06	29	005EMS g	005EMS g	8443 g	570 g	7873	570 g	7873	82.7	6.16	6511
Z893130	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806B32	08	06	32	005EMS g	005EMS g	7767 g	573 g	7194	573 g	7194	82.61	4.99	5943
Z893136	Z Can	Z8	Lot 18 Uranium Oxides	744G/0408A11	04	08	11	005	005 g	7044 g	577 g	7064	577 g	7064	76.66	4.45	4958
Z893139	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805B08	08	05	08	005EMS g	005EMS g	7632 g	568 g	7064	568 g	7064	79.93	5.39	5646
Z893147	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810A24	08	10	24	005EMS g	005EMS g	8619 g	567 g	8052	567 g	8052	80.76	7.19	6503
Z893148	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A15	08	05	15	005EMS g	005EMS g	8472 g	566 g	7906	566 g	7906	79.08	8.29	6252
Z893149	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A18	08	05	18	005EMS g	005EMS g	7335 g	571 g	6764	571 g	6764	79.89	8.7	5404
Z893150	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812B33	08	12	33	005EMS g	005EMS g	5609 g	568 g	5041	568 g	5041	79.53	8.84	4009
Z893151	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805B11	08	05	11	005EMS g	005EMS g	7625 g	572 g	7053	572 g	7053	81.26	6.65	5731
Z893152	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805B12	08	05	12	005EMS g	005EMS g	8373 g	573 g	7800	573 g	7800	80.94	7.74	6313
Z893153	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A17	08	05	17	005EMS g	005EMS g	7158 g	574 g	6584	574 g	6584	81.33	6.14	5355
Z893154	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C08	08	09	08	005EMS g	005EMS g	7680 g	572 g	7108	572 g	7108	81.54	5.8	5796
Z893163	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C23	08	09	23	005EMS g	005EMS g	7637 g	573 g	7064	573 g	7064	81.02	6.22	5723
Z893164	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810A22	08	10	22	005EMS g	005EMS g	8793 g	572 g	8793	572 g	8793	81.69	6.79	7183
Z893165	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810A15	08	10	15	005EMS g	005EMS g	9482 g	567 g	8915	567 g	8915	81.18	6.48	7237
Z893166	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810A23	08	10	23	005EMS g	005EMS g	7072 g	568 g	6504	568 g	6504	81.36	6.14	5292
Z893167	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810A13	08	10	13	005EMS g	005EMS g	7175 g	567 g	6605	567 g	6605	81.08	6.14	5355
Z893168	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801B17	08	01	17	005EMS g	005EMS g	8156 g	570 g	7589	570 g	7589	80.98	5.81	6146
Z893169	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806A38	08	06	33	005EMS g	005EMS g	6645 g	566 g	6079	566 g	6079	81.48	6.32	4953
Z893170	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806A33	08	06	38	005EMS g	005EMS g	7745 g	570 g	7175	570 g	7175	80.79	6.84	5797
Z893171	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801A20	08	01	20	005EMS g	005EMS g	9306 g	571 g	8735	571 g	8735	79.18	6.07	6916

ContainerID	Container Type	Size Code	Description/Lot	Location	Loc Section	Loc Row	Loc Positio	IDC	Gross Unit	Gross Weight	Tare Unit	Tare Weight	Net Unit	Net Weight	Purity	Assay	Grams
Z893172	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806C36	08	06	36	005EMS g		7864 g	572 g	7864 g	572 g	7292	79.84	7.04	5822
Z893173	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806A34	08	06	34	005EMS g		6771 g	574 g	6771 g	574 g	6197	80.71	6.56	5002
Z893174	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C07	08	09	07	005EMS g		7708 g	569 g	7708 g	569 g	7139	80.28	7.24	5731
Z893175	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812B13	08	12	13	005EMS g		6920 g	572 g	6920 g	572 g	6348	79.53	7.6	5049
Z893176	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C31	08	09	31	005EMS g		8420 g	575 g	8420 g	575 g	7845	80.29	7.24	6299
Z893177	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A12	08	05	12	005EMS g		9068 g	572 g	9068 g	572 g	8496	81.19	7.8	6898
Z893178	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801B16	08	01	16	005EMS g		7136 g	572 g	7136 g	572 g	6564	80.16	9.57	5262
Z893179	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801C17	08	01	17	005EMS g		7358 g	584 g	7358 g	584 g	6774	80.08	9.09	5425
Z893180	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805B17	08	05	17	005EMS g		7926 g	576 g	7926 g	576 g	7350	80.31	9.13	5903
Z893181	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C02	08	09	02	005EMS g		7710 g	571 g	7710 g	571 g	7139	80.62	8.55	5755
Z893182	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809B15	08	09	15	005EMS g		9099 g	576 g	9099 g	576 g	8523	81.1	8.1	6912
Z893183	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804B35	08	04	35	005EMS g		7725 g	579 g	7725 g	579 g	7146	80.81	8.19	5775
Z893184	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805B13	08	05	13	005EMS g		9139 g	575 g	9139 g	575 g	8564	80.085	6.12	6858
Z893185	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804B38	08	04	38	005EMS g		7531 g	577 g	7531 g	577 g	6954	79.93	5.35	5558
Z893196	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803B04	08	03	04	005EMS g		7864 g	571 g	7864 g	571 g	7293	80.92	4.98	5901
Z893208	Z Can	Z8	Lot 18 Uranium Oxides	744G/0408A13	04	08	13	005 g		7832 g	572 g	7832 g	572 g	7260	76.66	4.45	5566
Z893306	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809A14	08	09	14	005EMS g		8526 g	568 g	8526 g	568 g	7958	80.97	5.27	6444
Z893316	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A09	08	05	09	005EMS g		7325 g	573 g	7325 g	573 g	6752	81.56	7.79	5507
Z893319	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804A40	08	04	40	005EMS g		6544 g	572 g	6544 g	572 g	5972	81	5.4	4837
Z893326	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809A10	08	09	10	005EMS g		7988 g	567 g	7988 g	567 g	7421	81.95	5.85	6082
Z893327	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809B07	08	09	07	005EMS g		8135 g	573 g	8135 g	573 g	7562	82.23	5.41	6218
Z893328	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809B28	08	09	28	005EMS g		9168 g	570 g	9168 g	570 g	8598	77.9	6.52	6698
Z893329	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809B08	08	09	08	005EMS g		8710 g	570 g	8710 g	570 g	8140	81.36	6.31	5380
Z893330	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C05	08	09	05	005EMS g		8175 g	574 g	8175 g	574 g	7601	81.57	6.58	6200
Z893331	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809A10	08	09	10	005EMS g		8214 g	581 g	8214 g	581 g	7633	81.12	7.16	6192
Z893332	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805B15	08	05	15	005EMS g		9213 g	576 g	9213 g	576 g	8637	78.47	6.96	6777
Z893333	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805B09	08	05	09	005EMS g		9168 g	570 g	9168 g	570 g	8598	77.9	6.52	6698
Z893334	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C38	08	10	38	005EMS g		8924 g	578 g	8924 g	578 g	8346	79.83	6.76	6663
Z893335	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C31	08	10	31	005EMS g		8082.7 g	580 g	8082.7 g	580 g	7502.7	76.04	6.37	5705
Z893336	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C24	08	10	24	005EMS g		7339 g	578 g	7339 g	578 g	6761	76.63	5.95	5181
Z893337	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C35	08	10	35	005EMS g		8200 g	569 g	8200 g	569 g	7631	80.53	8.33	6145
Z893338	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812B15	08	12	15	005EMS g		7432 g	577 g	7432 g	577 g	6855	77.55	6.43	5316
Z893339	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C32	08	10	32	005EMS g		8004 g	580 g	8004 g	580 g	7424	81.73	8.78	6088
Z893340	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C33	08	10	33	005EMS g		8779 g	579 g	8779 g	579 g	8200	81.12	7.92	6652
Z893341	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812B07	08	12	07	005EMS g		7256 g	575 g	7256 g	575 g	6681	80.86	8.81	5402
Z893342	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812B35	08	12	35	005EMS g		7676 g	576 g	7676 g	576 g	7100	78.61	8.05	5581
Z893343	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812B12	08	12	12	005EMS g		7919 g	584 g	7919 g	584 g	7335	79.44	9.54	5827
Z893344	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801A03	08	01	03	005EMS g		6185 g	588 g	6185 g	588 g	5597	76.75	9.46	4296
Z893345	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802B12	08	02	12	005EMS g		6975 g	581 g	6975 g	581 g	6394	77.69	9.5	4981
Z893346	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802B18	08	02	18	005EMS g		8549 g	581 g	8549 g	581 g	7968	77.69	9.5	6190
Z893347	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801A07	08	01	07	005EMS g		8781 g	580 g	8781 g	580 g	8201	78.92	9.78	6472
Z893348	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801A05	08	01	05	005EMS g		7028 g	575 g	7028 g	575 g	6453	81	9.65	5227
Z893349	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802B11	08	02	11	005EMS g		8054 g	580 g	8054 g	580 g	7474	80.57	9.56	6022
Z893350	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802B09	08	02	09	005EMS g		6921 g	579 g	6921 g	579 g	6342	81.28	10.5	5155
Z893351	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802B07	08	02	07	005EMS g		8770 g	578 g	8770 g	578 g	8192	78.51	7.08	6432
Z893352	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806B28	08	06	28	005EMS g		7876 g	579 g	7876 g	579 g	7297	79.38	7.16	5792
Z893353	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806A07	08	06	07	005EMS g		7903 g	576 g	7903 g	576 g	7327	79.11	6.67	5796
Z893354	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806A01	08	06	01	005EMS g		7816 g	575 g	7816 g	575 g	7241	79.77	5.89	5776
Z893355	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806C13	08	06	13	005EMS g		6800 g	580 g	6800 g	580 g	6220	73.88	6.11	4595
Z893356	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803C15	08	03	15	005EMS g		6926 g	574 g	6926 g	574 g	6352	79.5	6.49	5050
Z893357	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803C17	08	03	17	005EMS g		7509 g	575 g	7509 g	575 g	6934	69.36	7.38	4809
Z893358	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803C14	08	03	14	005EMS g		9042 g	571 g	9042 g	571 g	8471	81.15	7.24	6874
Z893359	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803C13	08	03	13	005EMS g		8223 g	580 g	8223 g	580 g	7643	74.15	7.65	5667
Z893360	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803C18	08	03	18	005EMS g		7609 g	574 g	7609 g	574 g	7035	72.96	7.2	5133
Z893361	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803C17	08	03	17	005EMS g		7509 g	575 g	7509 g	575 g	6934	69.36	7.38	4809
Z893362	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812A07	08	12	07	005EMS g		7851 g	577 g	7851 g	577 g	7274	68.27	7.08	4966
Z893363	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801A40	08	01	40	005EMS g		6026.8 g	575 g	6026.8 g	575 g	5451.8	61.48	7.29	3352
Z893364	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812B29	08	12	29	005EMS g		6784 g	589 g	6784 g	589 g	6195	70.41	7.56	4362
Z893365	Z Can	Z8	Lot 18 Uranium Oxides	744G/0811C26	08	11	26	005EMS g		7168 g	584 g	7168 g	584 g	6584	77.72	5.16	5117
Z893366	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C20	08	10	20	005EMS g		7103 g	578 g	7103 g	578 g	6525	64.93	7.47	4237
Z893367	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C10	08	10	10	005EMS g		6414 g	580 g	6414 g	580 g	5834	78.98	5.74	4608
Z893368	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C12	08	10	12	005EMS g		6747 g	581 g	6747 g	581 g	6166	71.12	7.29	4385
Z893369	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C17	08	10	17	005EMS g		6602 g	578 g	6602 g	578 g	6024	81.02	5.39	4881
Z893370	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C16	08	10	16	005EMS g		7566 g	585 g	7566 g	585 g	6981	80.1	5.14	5592
Z893371	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C18	08	10	18	005EMS g		7472 g	581 g	7472 g	581 g	6891	80.26	5.31	5531
Z893372	Z Can	Z8	Lot 18 Uranium Oxides	744G/0811C36	08	11	36	005EMS g		6885 g	588 g	6885 g	588 g	6297	80.51	5.53	5070
Z893373	Z Can	Z8	Lot 18 Uranium Oxides	744G/0811C32	08	11	32	005EMS g		4974 g	586 g	4974 g	586 g	4388	79.07	5.46	3470
Z893374	Z Can	Z8	Lot 18 Uranium Oxides	744G/0811C37	08	11	37	005EMS g		6445 g	581 g	6445 g	581 g	5864	81.44	5.54	4776

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z8933375	Z Can	Z8	Lot 18 Uranium Oxides	744G0802B37	08	02	37	005EMS g	005EMS g	8876 g	581 g	8295	581 g	8295	81.99	5.75	6801
Z8933376	Z Can	Z8	Lot 18 Uranium Oxides	744G0812B09	08	12	09	005EMS g	005EMS g	7971 g	581 g	7390	581 g	7390	82.62	6.56	6106
Z8933377	Z Can	Z8	Lot 18 Uranium Oxides	744G0812A37	08	12	37	005EMS g	005EMS g	6830 g	579 g	6251	579 g	6251	81.82	6.86	5115
Z8933378	Z Can	Z8	Lot 18 Uranium Oxides	744G0812B08	08	12	08	005EMS g	005EMS g	6319 g	581 g	5738	581 g	5738	82.36	6.61	4726
Z8933379	Z Can	Z8	Lot 18 Uranium Oxides	744G0802C32	08	02	32	005EMS g	005EMS g	6130 g	578 g	5552	578 g	5552	82.79	5.9	4597
Z8933380	Z Can	Z8	Lot 18 Uranium Oxides	744G0812B10	08	12	10	005EMS g	005EMS g	6168 g	586 g	5582	586 g	5582	82.64	5.96	4613
Z8933381	Z Can	Z8	Lot 18 Uranium Oxides	744G0812A24	08	12	24	005EMS g	005EMS g	7212 g	589 g	6623	589 g	6623	82.2	6.33	5444
Z8933382	Z Can	Z8	Lot 18 Uranium Oxides	744G0812A23	08	12	23	005EMS g	005EMS g	6947 g	583 g	6364	583 g	6364	81.66	6.56	5197
Z8933383	Z Can	Z8	Lot 18 Uranium Oxides	744G0811C23	08	11	23	005EMS g	005EMS g	7779 g	580 g	7199	580 g	7199	82.92	7.62	5969
Z8933384	Z Can	Z8	Lot 18 Uranium Oxides	744G0801A08	08	01	08	005EMS g	005EMS g	6913 g	584 g	6329	584 g	6329	83.05	6.42	5256
Z8933385	Z Can	Z8	Lot 18 Uranium Oxides	744G0810C37	08	10	37	005EMS g	005EMS g	6489 g	583 g	6489	583 g	6489	82.18	6.68	4854
Z8933386	Z Can	Z8	Lot 18 Uranium Oxides	744G0810C30	08	10	30	005EMS g	005EMS g	6888 g	572 g	6316	572 g	6316	81.56	7.38	5151
Z8933387	Z Can	Z8	Lot 18 Uranium Oxides	744G0812A22	08	12	22	005EMS g	005EMS g	7134 g	576 g	6558	576 g	6558	84.6	7.06	5548
Z8933388	Z Can	Z8	Lot 18 Uranium Oxides	744G0812A35	08	12	35	005EMS g	005EMS g	6987 g	578 g	6409	578 g	6409	81.72	7.3	5237
Z8933389	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B12	08	10	12	005EMS g	005EMS g	5842 g	575 g	5267	575 g	5267	80.97	7.1	4265
Z8933390	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B14	08	10	14	005EMS g	005EMS g	6434 g	575 g	5859	575 g	5859	80.64	7.42	4725
Z8933391	Z Can	Z8	Lot 18 Uranium Oxides	744G0810C07	08	10	07	005EMS g	005EMS g	8057 g	576 g	7481	576 g	7481	81.22	5.79	6076
Z8933392	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B07	08	10	07	005EMS g	005EMS g	7626 g	575 g	7051	575 g	7051	81.07	5.23	5716
Z8933393	Z Can	Z8	Lot 18 Uranium Oxides	744G0810C08	08	10	08	005EMS g	005EMS g	6170 g	576 g	5594	576 g	5594	80.11	5.64	4481
Z8933394	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B08	08	10	08	005EMS g	005EMS g	6339 g	574 g	5765	574 g	5765	80.16	6.1	4621
Z8933395	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B10	08	10	10	005EMS g	005EMS g	7254 g	579 g	6675	579 g	6675	80.1	6.48	5347
Z8933396	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B09	08	10	09	005EMS g	005EMS g	5955 g	571 g	5384	571 g	5384	88.7	5.91	4776
Z8933397	Z Can	Z8	Lot 18 Uranium Oxides	744G0810A14	08	10	14	005EMS g	005EMS g	6014 g	576 g	5438	576 g	5438	72.56	7.09	3946
Z8933398	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B16	08	10	16	005EMS g	005EMS g	7603 g	583 g	7020	583 g	7020	80.39	8.27	5643
Z8933399	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B15	08	10	15	005EMS g	005EMS g	5159 g	575 g	4584	575 g	4584	80.47	8.92	3689
Z8933400	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B11	08	10	11	005EMS g	005EMS g	6126 g	573 g	5553	573 g	5553	80.52	9.64	4471
Z893401	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B13	08	10	13	005EMS g	005EMS g	5907 g	577 g	5330	577 g	5330	80.34	9.33	4282
Z893402	Z Can	Z8	Lot 18 Uranium Oxides	744G0812B30	08	12	30	005EMS g	005EMS g	7362 g	578 g	6784	578 g	6784	79.81	6.08	5414
Z893403	Z Can	Z8	Lot 18 Uranium Oxides	744G0812B26	08	12	26	005EMS g	005EMS g	7952 g	568 g	7384	568 g	7384	79.98	9.31	5906
Z893404	Z Can	Z8	Lot 18 Uranium Oxides	744G0812B32	08	12	32	005EMS g	005EMS g	7832 g	572 g	7260	572 g	7260	80.21	8.52	5823
Z893405	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B35	08	10	35	005EMS g	005EMS g	7912 g	582 g	7330	582 g	7330	79.6	8.58	5835
Z893406	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B34	08	10	34	005EMS g	005EMS g	9223 g	568 g	8655	568 g	8655	80.44	8.76	6962
Z893407	Z Can	Z8	Lot 18 Uranium Oxides	744G0812A25	08	12	25	005EMS g	005EMS g	6623 g	574 g	6049	574 g	6049	80.21	9.23	4852
Z893408	Z Can	Z8	Lot 18 Uranium Oxides	744G0810C11	08	10	11	005EMS g	005EMS g	5408 g	565 g	4843	565 g	4843	80.52	9.29	3900
Z893409	Z Can	Z8	Lot 18 Uranium Oxides	744G0810A35	08	10	35	005EMS g	005EMS g	7715 g	569 g	7146	569 g	7146	80.74	10.8	5770
Z893413	Z Can	Z8	Lot 18 Uranium Oxides	744G0810A20	08	10	20	005EMS g	005EMS g	6489 g	583 g	5906	583 g	5906	82.2	10.8	4855
Z893414	Z Can	Z8	Lot 18 Uranium Oxides	744G0809C11	08	09	11	005EMS g	005EMS g	6481 g	568 g	5913	568 g	5913	78.09	9.94	4617
Z893419	Z Can	Z8	Lot 18 Uranium Oxides	744G0809C27	08	09	27	005EMS g	005EMS g	7544 g	573 g	6971	573 g	6971	80.64	11.4	5621
Z893420	Z Can	Z8	Lot 18 Uranium Oxides	744G0809C25	08	09	25	005EMS g	005EMS g	6424 g	572 g	5852	572 g	5852	79.18	11.5	4634
Z893422	Z Can	Z8	Lot 18 Uranium Oxides	744G0804B40	08	04	40	005EMS g	005EMS g	5811 g	567 g	5244	567 g	5244	79.91	9.54	4190
Z893423	Z Can	Z8	Lot 18 Uranium Oxides	744G0804B39	08	04	39	005EMS g	005EMS g	7200 g	575 g	6625	575 g	6625	80.22	9.97	5315
Z893424	Z Can	Z8	Lot 18 Uranium Oxides	744G0809A06	08	09	06	005EMS g	005EMS g	7013 g	572 g	6441	572 g	6441	81.3	9.16	5237
Z893425	Z Can	Z8	Lot 18 Uranium Oxides	744G0809B14	08	09	14	005EMS g	005EMS g	5143.6 g	568 g	4575.6	568 g	4575.6	76.51	9.71	3501
Z893427	Z Can	Z8	Lot 18 Uranium Oxides	744G0802C09	08	02	09	005EMS g	005EMS g	7679 g	568 g	7111	568 g	7111	77.08	9.87	5481
Z893428	Z Can	Z8	Lot 18 Uranium Oxides	744G0802C18	08	02	18	005EMS g	005EMS g	6205 g	570 g	5635	570 g	5635	76.96	9.67	4337
Z893429	Z Can	Z8	Lot 18 Uranium Oxides	744G0803A12	08	03	12	005EMS g	005EMS g	7362 g	571 g	6791	571 g	6791	77.01	8.52	5230
Z893430	Z Can	Z8	Lot 18 Uranium Oxides	744G0803B12	08	03	12	005EMS g	005EMS g	6177 g	566 g	5611	566 g	5611	76.87	8.45	4313
Z893434	Z Can	Z8	Lot 18 Uranium Oxides	744G0805A30	08	05	30	005EMS g	005EMS g	7194 g	567 g	6627	567 g	6627	77.56	10.8	5140
Z893435	Z Can	Z8	Lot 18 Uranium Oxides	744G0803C22	08	03	22	005EMS g	005EMS g	7032.6 g	565 g	6467.6	565 g	6467.6	78.12	8.08	5052
Z893436	Z Can	Z8	Lot 18 Uranium Oxides	744G0803B21	08	03	21	005EMS g	005EMS g	7021 g	573 g	6448	573 g	6448	78.24	8.73	5045
Z893437	Z Can	Z8	Lot 18 Uranium Oxides	744G0803C25	08	03	25	005EMS g	005EMS g	6674 g	567 g	6107	567 g	6107	79.31	8.87	4843
Z893438	Z Can	Z8	Lot 18 Uranium Oxides	744G0803C40	08	03	40	005EMS g	005EMS g	7441 g	571 g	6870	571 g	6870	79.54	8.55	5464
Z893439	Z Can	Z8	Lot 18 Uranium Oxides	744G0806B16	08	06	16	005EMS g	005EMS g	8780 g	568 g	8212	568 g	8212	79.52	7.13	6530
Z893440	Z Can	Z8	Lot 18 Uranium Oxides	744G0802B29	08	02	39	005EMS g	005EMS g	7101 g	570 g	6531	570 g	6531	79.86	7.01	5216
Z893441	Z Can	Z8	Lot 18 Uranium Oxides	744G0812B27	08	12	27	005EMS g	005EMS g	6493 g	572 g	6605	572 g	6605	77.71	7.77	5133
Z893442	Z Can	Z8	Lot 18 Uranium Oxides	744G0804A05	08	04	05	005EMS g	005EMS g	7247 g	571 g	6676	571 g	6676	77.6	8.06	5181
Z893443	Z Can	Z8	Lot 18 Uranium Oxides	744G0804A06	08	04	06	005EMS g	005EMS g	6741 g	579 g	6162	579 g	6162	77.06	9.78	4748
Z893444	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B36	08	10	36	005EMS g	005EMS g	7327 g	573 g	6754	573 g	6754	79.21	5.89	5350
Z893445	Z Can	Z8	Lot 18 Uranium Oxides	744G0810C19	08	10	19	005EMS g	005EMS g	4467 g	572 g	3895	572 g	3895	59.82	8.11	2330
Z893447	Z Can	Z8	Lot 18 Uranium Oxides	744G0810A31	08	10	31	005EMS g	005EMS g	8052 g	568 g	6155	568 g	6155	79.84	8.16	4914
Z893448	Z Can	Z8	Lot 18 Uranium Oxides	744G0810A34	08	10	34	005EMS g	005EMS g	6988 g	575 g	7484	575 g	7484	79.96	9.38	5984
Z893449	Z Can	Z8	Lot 18 Uranium Oxides	744G0810A31	08	10	31	005EMS g	005EMS g	8477.3 g	573 g	6413	573 g	6413	78.54	9.74	5037
Z893450	Z Can	Z8	Lot 18 Uranium Oxides	744G0810A36	08	10	36	005EMS g	005EMS g	7994 g	570 g	7904.3	570 g	7904.3	78.56	9.54	6210
Z893453	Z Can	Z8	Lot 18 Uranium Oxides	744G0809C15	08	09	15	005EMS g	005EMS g	7268 g	576 g	7424	576 g	7424	80.78	10.8	5997
Z893454	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B25	08	10	25	005EMS g	005EMS g	9186 g	571 g	6692	571 g	6692	79.37	10.8	5311
Z893455	Z Can	Z8	Lot 18 Uranium Oxides	744G0810B28	08	10	28	005EMS g	005EMS g	7694 g	576 g	8615	576 g	8615	79.26	9.94	6828
Z893456	Z Can	Z8	Lot 18 Uranium Oxides	744G0810A28	08	10	28	005EMS g	005EMS g	7694 g	576 g	7118	576 g	7118	79.52	6.97	5660

ContainerID	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	Gross Weight	Tare Unit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z8933457	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810A29	08	10	29	005EMS g		8481 g		579 g		7902	80.49	7.5	6360
Z8933458	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C26	08	09	26	005EMS g		7590 g		576 g		7014	80.66	8.29	5667
Z8933459	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C24	08	09	24	005EMS g		8016 g		576 g		7440	80.61	8.24	5997
Z8933460	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810B23	08	10	23	005EMS g		7915 g		573 g		7342	81.01	7.92	5948
Z8933461	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804B36	08	04	36	005EMS g		5484 g		570 g		4914	81.18	6.97	3989
Z8933462	Z Can	Z8	Lot 18 Uranium Oxides	744G/0811B37	08	11	37	005EMS g		7790 g		574 g		7216	79.7	9.07	5751
Z8933463	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809A04	08	09	04	005EMS g		7435 g		571 g		6864	79.69	7.25	5470
Z8933465	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809A08	08	09	08	005EMS g		7495 g		566 g		6929	88.79	9.63	6152
Z8933466	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802C07	08	02	17	005EMS g		7788 g		571 g		7217	81.16	9.52	5857
Z8933467	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802C14	08	02	14	005EMS g		7492 g		570 g		6922	81.99	9.2	5675
Z8933468	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803B11	08	03	11	005EMS g		7530 g		569 g		6961	81.43	9.72	5668
Z8933469	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803B08	08	03	08	005EMS g		8562 g		584 g		7978	82.31	9.43	6567
Z8933470	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A36	08	05	36	005EMS g		6752 g		566 g		6186	79.88	9.69	4941
Z8933471	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805B38	08	05	38	005EMS g		8215 g		575 g		7640	82.79	9.43	6325
Z8933473	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A28	08	05	28	005EMS g		7884 g		585 g		7299	82.07	8.89	5990
Z8933474	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805B28	08	05	28	005EMS g		8673 g		584 g		8089	82.36	9.06	6662
Z8933476	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803B23	08	03	23	005EMS g		8566 g		582 g		7984	82.89	9.58	6618
Z8933477	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803C39	08	03	39	005EMS g		8016 g		574 g		7442	82.25	8.74	6121
Z8933478	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806B14	08	06	14	005EMS g		7022 g		563 g		6459	82.36	8.29	5320
Z8933479	Z Can	Z8	Lot 18 Uranium Oxides	744G/0806A15	08	06	15	005EMS g		7714 g		568 g		7146	82.63	8.06	5905
Z8933480	Z Can	Z8	Lot 18 Uranium Oxides	744G/0811C29	08	11	29	005EMS g		7629 g		584 g		7045	82.47	8.6	5810
Z8933481	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812A11	08	12	11	005EMS g		6935 g		575 g		6360	82.47	8.6	5245
Z8933482	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812B31	08	12	31	005EMS g		8016 g		569 g		7447	82.11	8.64	6115
Z8933483	Z Can	Z8	Lot 18 Uranium Oxides	744G/0402A02	04	02	02	005EMS g		8985.4 g		583 g		8402.4	81.61	10.4	6857
Z8933485	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C13	08	10	13	005EMS g		6928 g		577 g		6351	81.54	11.5	5179
Z8933487	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C28	08	10	28	005EMS g		8642 g		591 g		8051	79.7	9.18	6417
Z8933488	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810B33	08	10	33	005EMS g		6674 g		590 g		6084	79.71	7	4850
Z8933489	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810A33	08	10	33	005EMS g		7950 g		593 g		7357	81.34	7.14	5984
Z8933490	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810B27	08	10	27	005EMS g		8355 g		591 g		7764	81.29	7.65	6311
Z8933491	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810A21	08	10	21	005EMS g		7402 g		589 g		6813	80.67	7.24	5496
Z8933492	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C19	08	09	19	005EMS g		7328 g		593 g		6735	80.55	7.6	5425
Z8933493	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C29	08	10	29	005EMS g		5157 g		585 g		4572	77.26	7.55	3532
Z8933494	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C09	08	09	09	005EMS g		7132 g		593 g		6539	80.4	7.92	5257
Z8933495	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C18	08	09	18	005EMS g		5835 g		593 g		5242	81.01	7.39	4247
Z8933496	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810C22	08	10	22	005EMS g		6653 g		590 g		5973	81.16	8.69	4848
Z8933497	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810B22	08	10	22	005EMS g		5808 g		592 g		5216	81.39	8.98	4245
Z8933498	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C10	08	09	10	005EMS g		5025 g		589 g		4436	81.49	9.52	3615
Z8933499	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C28	08	09	28	005EMS g		6867 g		582 g		6285	79.73	8.21	5011
Z8933500	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C22	08	09	22	005EMS g		7524 g		591 g		6933	80.57	7.72	5586
Z8933501	Z Can	Z8	Lot 18 Uranium Oxides	744G/0810B17	08	10	17	005EMS g		7750 g		592 g		7158	81.3	7.85	5819
Z8933502	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804B37	08	04	37	005EMS g		7857 g		588 g		7269	80.73	8.81	5868
Z8933503	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809B12	08	09	12	005EMS g		6977 g		592 g		6385	79.52	9.13	5077
Z8933504	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809C36	08	09	36	005EMS g		8030 g		587 g		7443	81.84	8.58	6091
Z8933505	Z Can	Z8	Lot 18 Uranium Oxides	744G/0809A05	08	09	05	005EMS g		8209 g		587 g		7622	81.67	8.94	6225
Z8933507	Z Can	Z8	Lot 18 Uranium Oxides	744G/0802C15	08	02	15	005EMS g		8435 g		589 g		7846	81.28	8.41	6377
Z8933508	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803A09	08	03	09	005EMS g		6825 g		594 g		6231	80.61	8.2	5023
Z8933509	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803B07	08	03	07	005EMS g		7039 g		583 g		6456	80.74	7.88	5213
Z8933510	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805B39	08	05	39	005EMS g		5148 g		587 g		4561	82.07	8.02	3743
Z8933511	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A38	08	05	38	005EMS g		7278 g		592 g		6686	81.41	7.63	5443
Z8933512	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A22	08	05	22	005EMS g		6958 g		596 g		6362	81.13	6.98	5161
Z8933513	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A26	08	05	26	005EMS g		7109 g		591 g		6518	80.88	6.6	5272
Z8933514	Z Can	Z8	Lot 18 Uranium Oxides	744G/0805A27	08	05	27	005EMS g		6931 g		586 g		6345	80.08	6.62	5081
Z8933515	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803A22	08	03	22	005EMS g		2503 g		594 g		1909	71.7	9.08	1369
Z8933517	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803C38	08	03	38	005EMS g		8094 g		585 g		7509	80.95	9.74	6079
Z8933520	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801B40	08	01	40	005EMS g		7585 g		581 g		7004	80.27	9.13	5622
Z8933521	Z Can	Z8	Lot 18 Uranium Oxides	744G/0804A03	08	04	03	005EMS g		6290 g		589 g		5701	80.769	9.21	4605
Z8933530	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812A09	08	12	09	005EMS g		5970 g		596 g		5374	10.3	4384	
Z8933531	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812A14	08	12	14	005EMS g		7368 g		588 g		6780	81.23	8.98	5507
Z8933532	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801A39	08	01	39	005EMS g		5650 g		588 g		5062	82.05	8.64	4153
Z8933533	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801B39	08	01	39	005EMS g		5714 g		594 g		5120	80.85	9.09	4140
Z8933534	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801B38	08	01	38	005EMS g		8546 g		586 g		7960	79.99	8.5	6367
Z8933535	Z Can	Z8	Lot 18 Uranium Oxides	744G/0811C25	08	11	25	005EMS g		7611.5 g		590 g		7021.5	80.85	7.91	5677
Z8933536	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812A15	08	12	15	005EMS g		7512 g		580 g		6932	80.65	7.81	5591
Z8933537	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801C39	08	01	39	005EMS g		7453 g		570 g		6883	81.91	6.99	5638
Z8933538	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801C01	08	01	01	005EMS g		7587 g		580 g		7007	81.15	6.93	5686
Z8933539	Z Can	Z8	Lot 18 Uranium Oxides	744G/0803A34	08	03	34	005EMS g		9429 g		575 g		8854	82.42	7.36	7297
Z8933540	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801C14	08	01	14	005EMS g		6572 g		587 g		5985	80.16	8.08	4798
Z8933541	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812B25	08	12	25	005EMS g		8200 g		593 g		7607	79.6	7.77	6055

ContainerId	Container Type	SizeCode	Description/Lot	Location	LocSection	LocRow	LocPositio	IDC	Gross Unit	GrossWeight	TareUnit	TareWeight	NetUnit	NetWeight	Purity	Assay	Grams
Z893542	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812B24	08	12	24	005EMS	g	8238	g	585	g	7653	79.51	7.17	6085
Z893543	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801A09	08	01	09	005EMS	g	8004	g	585	g	7419	81.59	8.74	6053
Z893544	Z Can	Z8	Lot 18 Uranium Oxides	744G/0106A18	01	06	18	005EMS	g	7045	g	580	g	7045	81.95	8.84	5773
Z893545	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812A10	08	12	10	005EMS	g	5939	g	583	g	5356	81.48	8.88	4364
Z893546	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812A19	08	12	19	005EMS	g	8001	g	597	g	7404	81.31	8.29	6020
Z893547	Z Can	Z8	Lot 18 Uranium Oxides	744G/0801B25	08	01	25	005EMS	g	6021	g	580	g	6021	79.61	7.87	4793
Z893548	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812A08	08	12	08	005EMS	g	6117	g	583	g	5534	78.88	7.87	4365
Z893549	Z Can	Z8	Lot 18 Uranium Oxides	744G/0812A06	08	12	06	005EMS	g	8716	g	580	g	8136	78.94	8.64	6423

Key:

	Lot 13 Fernald
	Lot 11 Fernald
	Lot 17, UO2 Powder DOE Special
	Lot 3 Hanford
	Lot 15 Cornell
	Lot 18 Uranium Oxides
	X-326 ILTs

Attachment J-9

Contract Security Classification Specification (CSCS)

UNITED STATES DEPARTMENT OF ENERGY
Safeguards & Security Information Management System
Contract Security Classification Specification

Run By: S9824ST
Run Date: 09/30/2025 03:42:35 pm

1 Record Selected.

Selection Criteria

CSCS Status(es)

A

CSCS Number(s)

PPPO-25-051

Order by: CSCS Responsible Office, Contractor Facility Code

UNITED STATES DEPARTMENT OF ENERGY
Safeguards & Security Information Management System
Contract Security Classification Specification

September 30, 2025
03:42:35 pm
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PPPO-25-051
Status: Active

1. CSCS Number: PPPO-25-051	2. Previous CSCS Number: INITIAL	3a. Reason for Action: (Check one) ☐ Waiting Activation ☒ Add ☐ Change ☐ Terminate b. Item Numbers Modified:
4. This Specification Is For: (Complete as Applicable) a. ☒ Contract or Other Number ☐ Solicitation Contract Type: CPAF w/ IDIQ CLIN Did this data come from a DD-254? No ☐ Approved National Interest Determination (Contractor Facility under FOCI Mitigation) b. Contract Number: 89303325DEM000122 End Date (estimated) 09/30/2030 c. Contract Number of Prime: (Complete if registering or soliciting a subcontract) End Date (estimated)		5. Specification Is: (Complete as Applicable) a. Original (Complete data in all cases) 06/02/2025 b. Revised (Supercedes all previous specifications) c. Certificate of Possession Retention of Classified Matter is Authorized Until d. Final Certificate of Non-Possession or Equivalent
6. General Identification of this Procurement Operations and Site Mission Support for the Portsmouth/Paducah Project Office at Portsmouth, OH, and Paducah, KY sites.		
7. Contractor		
a. Facility Code 18010	b. Name, Address, and Zip Code Mission Conversion Services Alliance, LLC 545 Oak Ridge Turnpike Oak Ridge, TN 37830-7187	c. Cognizant Security Office (Name, Address, and Zip Code) DOE, Portsmouth/Paducah Project Office 1017 Majestic Drive, Suite 200 Lexington, KY 40513
8. Prime Contractor (Complete if registering or soliciting a subcontract)		
a. Facility Code	b. Name, Address, and Zip Code	c. Cognizant Security Office (Name, Address, and Zip Code)
9. Actual Place of Performance (DOE Facilities)		
a. Facility Code 255	b. Name, Address, and Zip Code DOE, Portsmouth Gaseous Diffusion Plant P.O. Box 700 Piketon, OH 45661	c. Cognizant Security Office (Name, Address, and Zip Code) DOE, Portsmouth/Paducah Project Office 1017 Majestic Drive, Suite 200 Lexington, KY 40513
a. Facility Code 572	b. Name, Address, and Zip Code DOE, Paducah Gaseous Diffusion Plant 5501 Hobbs Road Kevill, KY 42053	c. Cognizant Security Office (Name, Address, and Zip Code) DOE, Portsmouth/Paducah Project Office 1017 Majestic Drive, Suite 200 Lexington, KY 40513
9. Actual Place of Performance (NON-DOE Facilities)		
a. ID Code	b. Name, Address, and Zip Code	c. Cognizant Security Office (Name, Address, and Zip Code)
10. Clearance and Storage a. Classification of Matter to be Accessed: S/RD b. Level of Storage Required at Contractor Facility: U c. Level of Storage for this Contract: S/RD d. Access Authorization/Security Clearance: ☒ Q ☐ L ☐ T ☐ S ☐ C		11. This Contract Will Require Access To: ☐ SCI ☐ Other DCI Caveats ☐ COMSEC ☐ FGI ☐ NATO ☐ CNWDI ☐ WD/Sigmas: ☐ Other:
12. In Performing this Contract the Contractor Will:		
☐ Have Access to Classified Information Only at Another Contractor's Facility or a Government Activity ☒ Generate Classified Matter ☒ Perform Services That Require Unescorted Access to Security Areas ☐ Have Access to U.S. Classified Information Outside the U.S., Puerto Rico, U.S. Possessions and Trust Territories ☐ Other (specify)		☐ Receive Classified Matter ☐ Fabricate, Modify, or Store Classified Items (e.g., Hardware or Substances) ☐ Be Authorized to Use the Services of the Office of Scientific & Technical Information to Receive Classified Matter ☐ Require a COMSEC Account ☐ Be Authorized to Use the Defense Courier Service
13. Classification Guidance		

UNITED STATES DEPARTMENT OF ENERGY
Safeguards & Security Information Management System
Contract Security Classification Specification

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Status: Active

CG-SS-5, "Classification and Unclassified Controlled Nuclear Information Guide for Safeguards and Security Information" and CG-PGD-6, "DOE Classification Guide for Uranium Isotope Separation by the Gaseous Diffusion Process."		
14. Security Requirements ☒ DEAR 952.204-2 Security Requirements ☒ DEAR 952.204-70 Classification/Declassification ☒ DEAR 952.204-73 Facility Clearance (Solicitation) ☒ DEAR 970.5204.1 Counterintelligence (for management contracts ONLY)		
15. Surveys DOE Surveying Office: PPPO		
16. Certification and Signature		
a. Name of Procurement Request Originator Joel Bradburne	b. Title and Organization Manager, DOE Portsmouth/Paducah Project Office	c. Telephone (Include Area Code) 859-219-4001
d. Address (Include Zip Code) DOE PPPO 1017 Majestic Drive, Suite 200 Lexington, KY 40513		e. Date 05/28/2025
17. Name of Contracting Official Stephen D'Antoni		Date 05/28/2025
18. Other Approvals a. Classification Officer (Approval of Block 13) Wayne Conley b. Special Security Officer, Office of Intelligence & Counterintelligence (Approval of Block 11 (SCI))		Date 05/15/2025 Date
19 a. Name of Local Security Officer Mark Allen b. Responsible Office: PPPO Program Office: EM		Date 05/28/2025
20. Required Distribution ☒ Contractor ☒ Cognizant Security Office ☐ Surveying Office If Different than Cognizant Security Office ☐ Subcontractor ☒ Administering Contracting Officer ☐ Others, as Necessary		
21. General Comments		

**UNITED STATES DEPARTMENT OF ENERGY
Safeguards & Security Information Management System
Contract Security Classification Specification**

Run By: S9824ST

Run Date: 09/30/2025 03:42:35 pm

End of Report

Attachment J-10

Performance Evaluation and Measurement Plan (PEMP)

Performance Evaluation Management Plan

For

**Portsmouth / Paducah Project Office
Operations and Site Mission Support Contract**

**Mission Conversion Services Alliance, LLC
Contract No. 89303325DEM000122**

**Contract Period of Performance (including options)
October 1, 2025 – September 30, 2035**



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1. INTRODUCTION

The purpose of this Performance Evaluation and Measurement Plan (PEMP) is to motivate and reward good performance through monetary payments. The Award Fee component is designed to ensure safety, security, and environmental compliance requirements are not forgotten in the interest of achieving target cost and schedule. In addition, other areas to be incentivized under the PEMP include business systems (e.g. purchasing system, estimating system, Earned Value Management Systems [EVMS]), interactions with the U.S. Department of Energy (DOE) Portsmouth/Paducah Project Office (PPPO), PPPO contractors, and environmental regulators. Performance Based Incentive (PBI) components are to incentivize earlier completion of scope and/or completion at a lower overall total cost. PBIs are linked to objectives to enhance performance.

2. FEE TYPES

a. AWARD FEE

The award fee serves as a tool to periodically measure the Contractor's performance on the contract and provides impetus for continuous improvement in areas other than milestones alone. The Contractor can earn award fee for performance under the contract, from a minimum of zero dollars to a maximum amount as stated in Section B of the contract. The detail on the amount of award fee available by evaluation period is located at Exhibit 1, *Fee Allocation by Evaluation Periods*. Changes to the available award fee will be made by modification to Section B of the contract. The PEMP will reflect the available award fee in Section B of the contract. Changes in the criteria or other administrative changes may be made unilaterally by DOE with adequate notification to the Contractor.

Under the Award Fee provisions, DOE may evaluate the Contractor on any or all areas of performance. A significant element of any award fee evaluation is the Contractor's demonstrated performance in meeting or exceeding the Performance Work Statement requirements.

This PEMP is the basis for the Government's evaluation of the Contractor's performance under the contract, and for presenting an assessment of that performance to the Fee Determining Official (FDO). The exhibits to this plan describe the procedures to be used in assessing the Contractor's performance and in determining the amount of Award Fee earned in accordance with Section 6 of this PEMP. The Award Fee evaluation criteria and determinations are applicable only to the contract work authorized during the corresponding evaluation period.

Award Fee payments are provided to the Contractor through funding of the appropriate Contract Line Item Number (CLIN) and are in addition to any other payments under this contract. Category of Performance adjectival ratings pursuant to Federal Acquisition Regulation (FAR) 16.4, *Incentive Contracts*, are identified herein as Exhibit 2, *Award Fee Categories of Performance Rating Table*, and are used to evaluate the subjective criteria. Award Fee determinations are unilateral decisions made solely at the discretion of the FDO,

based upon input from the government performance evaluation board and in consideration of the Contractor's self-assessment data, if provided. Award Fee is considered earned in the evaluation period based on the FDO determination.

b. PERFORMANCE BASED INCENTIVES

PBIs serve to incentivize completion of scope earlier and/or at a lower overall total cost to the Government than reflected in the Annual Work Plan (AWP). PBIs are linked to objectives to enhance performance, but not at the expense of minimum acceptable performance in other areas.

The FDO shall evaluate the contractor's completion of PBIs against the pre-determined PBI completion criteria pursuant to FAR 16.4, *Incentive Contracts*. The FDO may consider partial payment of fee for partial completion of identified criteria in any PBI if any of the following apply: Circumstances completely beyond contractor's control have prevented successful completion of the PBI and such circumstances have been submitted/documentated in accordance with the PEMP; or demonstrated and substantiated benefit has been received from contractor performance efforts of specific PBI criteria.

The contractor's certificate of completion (provided below) shall be provided for each PBI and include associated documentation such as, acceptance/test reports, shipping manifest or other proof of completion. The DOE will perform a site walk-down to verify completion, as appropriate.

PBI Certification of Completion: The certificate of completion for each PBI shall include supporting documentation such as acceptance/test reports, shipping manifest or other proof of completion. The *Certificate of Completion* shall be delivered to DOE for each PBI with the contractor's self-assessment. If the contractor determines that the *Certificate of Completion* submitted is incomplete or requires an update, the contractor shall immediately notify DOE and resubmit a revised *Certificate of Completion* along with the updated associated revised documentation attached. The certification may be executed by any person authorized to bind the contractor with respect to the following:

Certification of Completion

"I certify performance completion of PBI # _____. This certification of completion is made in good faith; the supporting data are accurate and complete to the best of my knowledge and belief; the amount requested accurately reflects the amount of fee for which the contractor believes is correct; and I am duly authorized to certify the PBI completion on behalf of the contractor."

Signature _____ Date _____

Title _____.

As determined by the FDO, with concurrence from the Head of Contracting Activity (HCA), PBIs may be considered earned in the period performed as defined by Contract Section B.12

Provisional Payment of Fee (Oct 2013) (AL-2014-02), paragraph (c), subparagraph (4) whereas “earned fee for an incentive means fee due the Contractor by virtue of its meeting the contract’s requirements entitling it to fee. Earned fee does not occur until the contractor has met all conditions stated in the contract for earning fee.”

c. NOTIFICATION OF FEE BY CONTRACT MODIFICATION

The contractor will be notified by contract modification of the total amount of fee earned and the amount of fee unearned in the period allowing the contractor to invoice the actual dollar amount of the determination minus the quarterly provisional fee payments.

3. RESPONSIBILITIES

Project Technical Monitors (PTM): PTMs usually have an area of expertise and will primarily focus their evaluations in these areas. In all cases, the government PTMs should be knowledgeable of the contractual requirements, periodically engage with the Contractor to assess performance accurately, and be knowledgeable on the evaluation process and criteria. As the initiators of the evaluation comments, the PTMs will: 1) gather data concerning the Contractor’s performance in their area of responsibility; 2) maintain written records of the Contractor’s performance against the criteria provided in this PEMP; and 3) provide written evaluation comments to the Contracting Officer Representative (COR) and/or Contracting Officer (CO) for each feedback cycle and at the end of each evaluation period. PTMs should discuss their evaluation findings with their Contractor counterparts as appropriate. The PTMs will use, at their discretion, evaluations and assessments from government officials in preparing their report on assigned areas. Additionally, performance monitors may periodically prepare reports for the Performance Evaluation Board (PEB) as requested.

Contracting Officer: The CO is to be the liaison between government and Contractor personnel. The CO will: 1) ensure that the entire Award Fee process is conducted according to the requirements in the contract and this PEMP; 2) contractually implement the Award Fee determinations of the FDO; and 3) notify the Contractor in writing of any changes in the PEMP, including evaluation criteria.

Performance Evaluation Board: The PEB is comprised of the PPPO Procurement Director, ACORs, Paducah Site Lead, Portsmouth Site Lead, CO, and PPPO Attorney Advisor. The CO, and Attorney Advisor are non-voting advisors to the PEB. The PEB will evaluate the Contractor’s performance against the evaluation factors listed in Section 6 of this PEMP and provide input to the FDO. The FDO’s determination takes into consideration the input from the PEB.

PEB Chair: The PEB Chair will be identified and appointed by the FDO. The PEB Chair may assign or reassign performance monitors at any time without advance notice to the Contractor. The PEB Chairperson will: 1) review the performance monitors’ evaluations and consider the Contractor’s self-evaluation report and/or recommendations; 2) analyze the Contractor’s performance against the criteria set forth in section 6 and Exhibit 3 of this PEMP; 3) provide

monthly feedback to the Contractor; 4) provide a recommendation on the Award Fee scoring and the amount earned by the Contractor; and 5) recommend any changes to this PEMP.

Fee Determination Official: The OSMS Director will serve as the FDO. The FDO will: 1) appoint the PEB; 2) approve any significant changes to the PEMP; 3) review the recommendation of the PEB, consider all pertinent data, and determine the amount of Award Fee earned during each evaluation period; 4) notify the Contractor, in writing, of the strengths, areas for improvement, and what is expected in the future; and 5) authorize the CO to make the Award Fee payment. The FDO's decision is final, and the Award Fee will be made by unilateral modification to the contract.

4. PERFORMANCE EVALUATION MANAGEMENT PLAN

The PEMP shall be provided to the contractor 30 calendar days prior to the beginning of the first and each successive evaluation period. If there is not sufficient time for the PEMP to be provided to the contractor in the required number of days in advance of the beginning of the evaluation period, the contractor shall not be evaluated on its performance until 30 calendar days after the PEMP is received by the contractor. The PEMP may be revised unilaterally at any time during the evaluation period; but the revised PEMP, or revised portion thereof, shall not be effective until 30 calendar days after the contractor receives the revised PEMP. PPPO will strive to gain concurrence with the Contractor prior to finalizing and issuing the annual PEMP.

5. PERIODIC EVALUATION PROCESS

All periodic performance evaluations, as determined by the FDO, are final. Evaluation periods will be by government fiscal year (1 Oct through 30 Sep) in accordance with Exhibit 2 of this PEMP. The first and last periods may be shorter or longer than one year to align rating periods with the fiscal year. Available award fee dollars are fixed by the award fee period as shown in Exhibit 1 of this PEMP but may be adjusted by the CO to align with the total available fee in Section B of the Contract. A determination of the performance score (percentage) and the associated fee earned for each evaluation period will be made by the FDO. The process followed in monitoring, assessing, and evaluating Contractor performance during each evaluation period is described below.

If the Contractor has any self-evaluation comments they feel should be considered in DOE's quarterly performance evaluation, those comments must be submitted to the COR with a copy to the CO within ten working days following the reporting quarter, in order to be considered.

The COR should provide at least semi-annual feedback, and at other times as is deemed appropriate, to apprise the Contractor of its performance. The feedback will address specific areas where Contractor performance requires improvement or has exceeded standards. This feedback should be based upon the Award Fee Plan's evaluation factors (see Section 6 of this PEMP).

The Contractor may furnish a self-evaluation report within seven calendar days after the expiration of each evaluation period. The PEB will not submit its recommendation to the FDO until 1) the Contractor's self-evaluation report has been received and considered, or 2) the Contractor has provided written notification that a self-evaluation report will not be submitted, or 3) the seven-day period provided for submission of the report has expired.

After the end of each evaluation period (as identified in the Exhibit 1 of this PEMP), the PEB will prepare a written report documenting its evaluation. This report shall include recommendations for an adjectival rating and score (percentage) to be assigned to the Contractor's performance during the evaluation period.

The PEB Chair is responsible for the preparation of the Performance Evaluation Report (PER) and will present the report's findings and recommendation to the FDO. This report will include an overall adjectival rating, a recommended overall performance percentage, and a recommended adjectival rating for each criterion with supporting documentation.

The FDO will consider the recommendations from the following sources in determining the rating and percentage: (1) PEB; (2) information provided by the Contractor; and (3) any other pertinent sources of information. The FDO's determination of the Contractor's performance rating and percentage is final. This determination of performance will be stated in a written Award Fee Determination (AFD) document.

The Contractor will be notified by the CO of the FDO rating and percentage, and a summary of the PER.

6. AWARD FEE EVALUATION FACTORS & WEIGHTINGS

DOE may evaluate the Contractor on all areas of performance within the contract Performance Work Statement (PWS). A significant element of any award fee evaluation shall be the Contractor's demonstrated performance in meeting or exceeding the PWS standards. Subsequent revisions to this PEMP may revise the factors or the weightings with proper notification to the Contractor. The areas to be evaluated are as follows:

Programmatic Compliance (Weighting: 30%):

Quality: The Contractor will be evaluated on the quality and effectiveness of their contractual deliverables, performance, policies, plans, and procedures governing Contractor activities. This includes but is not limited to: effectiveness of the Contractor Assurance System; timely identification and resolution of issues; implementation and effectiveness of corrective actions (short term and long term) for non-compliances; incorporation of Environmental, Safety, Health, Security, and Quality Assurance requirements into work scopes.

Regulatory Compliance: The Contractor will be evaluated on their compliance with all applicable DOE Orders, Executive Orders, Codes, Regulations (applicable local, state

and federal regulations), Regulatory Agreements (e.g., Agreed Orders, Negotiated Settlements, Toxic Substance Control Act (TSCA), Federal Facility Compliance Agreement (FFCA), Federal Facility Agreement (FFA), Site Management Plan (SMP)) and Permits.

Project Execution (Weighting: 70%):

Schedule: The Contractor will be evaluated on the timeliness of the completion of the contractual deliverables and execution of work scopes against the approved baseline schedules. This includes but is not limited to: timely completion of contractual milestones (fieldwork and programmatic); response to in scope requests for support; and minimization of deferred maintenance on equipment and systems related to safety.

Cost Control: The Contractor will be evaluated on overall cost performance on an annual basis as measured against the final contract value and the approved Contractor Performance Baseline. This includes but is not limited to: effectiveness in forecasting, managing, and controlling contract cost; accuracy of Estimates at Completion and cost projections; effectiveness of baseline change management; ability to perform tasks in the most cost-effective manner consistent with the approved baseline; and development of initiatives that result in tangible savings to DOE (cost or risk). The PEB may use any relevant information in this evaluation. In the event the actual costs for this performance period exceed the estimated cost for the period, this condition will be a primary factor for determining the overall rating for this (Cost Control) Category of Performance.

Management: The Contractor will be evaluated on how effectively programs and projects are managed. This includes but is not limited to: effectiveness of senior managers in support of DOE, providing leadership to the work force, and ensuring an overall positive safety and performance culture; application of lessons learned from both PPPO and other DOE/commercial sites; coordination with other site contractors; effectiveness of subcontract management and field oversight; effectiveness of the Contractor Human Resources Management; and implementation of the Community Commitment Plan.

7. TERMINATION FOR CONVENIENCE

In the event that the contract is terminated for the convenience of the government the remaining award fee payable for the current period may be available for equitable adjustment in accordance with the termination clause of the contract. The remaining fee for all periods after the termination shall not be considered earned and therefore shall not be paid.

EXHIBIT 1 - FEE ALLOCATION BY EVALUATION PERIODS

The following schedule is calculated in accordance with the fee schedule as set forth in Section B of the Contract. The available fee may change consistent with changes to the contract. The available fee will be split 30% for Award Fee and 70% for Performance Based Incentives (PBIs).

The award fee earned by the Contractor will be determined at the completion of the evaluation periods shown below. The PBI fee earned will be determined at the completion date for the PBI. The revised Total Fee indicated for each corresponding evaluation period represent the maximum available fee (award fee plus PBI fee) amount that can be earned for that particular period.

Fee Period ¹	Evaluation Period	Original Total Fee Available	Revised Total Fee Available ²	Award Fee Available	PBI Fee Available
Period 1	10/01/2025 – 09/30/2026	\$12,467,260	\$12,467,260	\$3,740,178	\$8,727,082
Period 2	10/01/2026 – 09/30/2027	\$12,841,659	\$12,841,659	\$3,852,498	\$8,989,161
Period 3	10/01/2027 – 09/30/2028	\$13,593,659	\$13,593,659	\$4,078,098	\$9,515,561
Period 4	10/01/2028 – 09/30/2029	\$13,853,577	\$13,853,577	\$4,156,073	\$9,697,504
Period 5	10/01/2029 – 09/30/2030	\$14,210,580	\$14,210,580	\$4,263,174	\$9,947,406
Period 6	10/01/2030 – 09/30/2031	\$14,354,663	\$14,354,663	\$4,306,399	\$10,048,264
Period 7	10/01/2031 – 09/30/2032	\$14,817,578	\$14,817,578	\$4,445,273	\$10,372,305
Period 8	10/01/2032 – 09/30/2033	\$15,215,004	\$15,215,004	\$4,564,501	\$10,650,503
Period 9	10/01/2033 – 09/30/2034	\$15,569,479	\$15,569,479	\$4,670,844	\$10,898,635
Period 10	10/01/2034 – 09/30/2035	\$15,999,395	\$15,999,395	\$4,799,819	\$11,199,577
Total		\$142,922,854	\$142,922,854	\$42,876,856	\$100,045,998

¹The actual number of performance periods is subject to change depending on the date of the contract award and DOE's determination on the appropriate length of the first and last rating period.

²The revised available award fee amounts are fixed by award period covering contract fiscal years 2026 - 2030. These amounts may change throughout the life of the contract in response to changes in work scope (additions or deletions).

The contractor may request to invoice for earned fee, with PBI completion documentation as PBIs are completed. Refer to Section 2.b of this PEMP.

The FDO has the sole discretion to award partial fee for PBIs not completed.

EXHIBIT 2 - AWARD FEE CATEGORIES OF PERFORMANCE RATING TABLE

UNSATISFACTORY	SATISFACTORY	GOOD	VERY GOOD	EXCELLENT
0% Earned	No Greater than 50%	51-75% Earned	76-90% Earned	91-100% Earned
Contractor <u>has failed</u> to meet overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.	Contractor <u>has met</u> overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.	Contractor has <u>exceeded some</u> of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.	Contractor has <u>exceeded many</u> of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.	Contractor has <u>exceeded almost all</u> of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.

EXCELLENT (91-100%)

Performance is of the highest quality that could be achieved under the contract. There are no areas of deficiencies or problems encountered during the evaluation period.

VERY GOOD (76-90%)

Performance is of high quality and approaching the best that could be performed by the contractor. Work completed greatly exceeds the average performance level. A few minor problems are experienced during the evaluation period without impacting the overall level of performance.

GOOD (51-75%)

Contractor exceeds some contract requirements in a manner demonstrating commitment to the program. Work is completed much better than the minimum required performance. Areas of deficiency and minor problems are more than offset by areas of good performance.

SATISFACTORY (<=50%)

Contractor's performance is the minimum required level to meet needs. Areas of good performance are offset by deficiencies and problems, which reduces performance to a level that is minimally acceptable under the contract.

UNSATISFACTORY (0%)

Contractor does not meet minimum contract requirements.

EXHIBIT 3 - PERFORMANCE BASED INCENTIVES - PERIOD 1

PBI	Title	Milestone 1	Milestone 2	Milestone 3	Fee Weight %	CLIN
Performance Period 1: October 1, 2025 – September 30, 2026						
1.1	Paducah DUF6 Cylinder Processing	15% (cylinders 481-728)	5% (cylinders 241-480)	5% (cylinders 1-240)	25%	00101
1.2	Portsmouth DUF6 Cylinder Processing	15% (cylinders 365-546)	5% (cylinders 183-364)	5% (cylinders 1-182)	25%	00101
1.3	Portsmouth X-340 Cylinder Transfers	5% (cylinders 107-160)	3% (cylinders 53-106)	2% (cylinders 1-53)	10%	00102
1.4	Paducah DUF6 Plant Evacuation Vacuum Header Project	100% 30-Sep-26 Item 3	90% 30-Sep-26 Item 2	70% 30-Sep-26 Item 1	10%	00101
1.5	Paducah DUF6 Plant Improvements	100% 30-Sep-26 Items 1-4	75% 30-Sep-26 Items 1-3	50% 31-May-26 Item 2 & 3	5%	00101
1.6	Portsmouth DUF6 Plant Improvements	100% 30-Sep-26 Items 1-4	75% 30-Sep-26 Items 1-3	50% 31-May-26 Item 2 & 3	5%	00101
1.7	Portsmouth DUF6 Plant High Purity Depleted Uranium Project	100% 30-Sep-26 Item 3	75% 30-Jul-26 Item 2	50% 30-Dec-25 Item 1	5%	00106
1.8	UF6 Test Loop Installation in X-340	100% 30-Sep-26 Items 1-3	90% 28-Feb-26 Items 1 & 2	70% 30-Dec-25 Item 1	5%	00102
1.9	XT-847 refurbishment	100% 30-Sep-26 2 Items	N/A	N/A	4%	00106
1.10	IT Backup System Upgrade	100% 30-Sep-26 3 rd location	66% 30-Sep-26 2 nd location	33% 30-Sep-26 1 st location	3%	00101
1.11	Site Utilities Optimization	100% 31-Jul-26	90% 30-Sep-26	N/A	3%	00101

PBI # 1.1	Paducah DUF6 Cylinder Processing	Completion Date: 9/30/2026			
Performance Objective	In accordance with the requirements in the Performance Work Statement Section C.5.2, the contractor shall complete Depleted Uranium Hexafluoride (DUF6) cylinder processing activities at the Paducah plant site. The contractor may earn fee in accordance with the processing targets identified below:				
	PBI 1.1 (25% of total fee)	Interval 3 481-728 cylinders	Interval 2 241-480 cylinders	Interval 1 1-240 cylinders	Total
	Process 728 DUF6 cylinders at the Paducah DUF6 Plant	60%	20%	20%	100%
	The associated values for processing are pro-rated to incentivize increased processing rates accordingly.				
Performance Criteria Measures	This incentive will be measured by verification of the contractor provided documentation, including: - List of processed cylinders in order of when the cylinders were processed. - Updated Cylinder Follower Cards (DUF6-C-OPS-0100-F02) for each processed cylinder. The objective fee associated with completion of the PBI may be earned according to the percentages in the above table. Note: Payment may be requested in intervals of 50 cylinders. Note: Payment may be requested for a quantity of cylinders less than 50 at the end of the period. Note: A reconciliation will be required at the end of the period of performance if the available fee changes, which may result in additional fee payment to the contractor, or the return of fee to the U.S Department of Energy (DOE). Note: DOE is characterizing the cylinders for processing as Government Furnished Services and Items (GFS&I). If adequate number cylinders can't be characterized in time to support these processing objectives, the total number of cylinders in the PBI goal will be revised to reflect the available cylinders				
Performance Target	Total Fee Available: \$2,181,771 100% (\$2,181,771) will be available for this PBI upon the successful completion of the 728 cylinder processing target by September 30, 2026. 20% (436,354) will be available for processing cylinders 1 – 240 by September 30, 2026. An additional 20% (436,354) will be available for processing cylinders 241 – 480 by September 30, 2026. The final 60% (1,309,063) be available for processing cylinders 481 – 728. Partial Payment of Fee may be earned upon the sole discretion of the Fee Determining Official. Payment vouchers may be submitted incrementally for every 50 cylinders processed. Payment vouchers for lower increments may be submitted to complete an interval and at the end of the fiscal year.				

PBI # 1.2	Portsmouth DUF6 Cylinder Processing			Completion Date: 9/30/2026	
Performance Objective	In accordance with the requirements in the Performance Work Statement Section C.5.2, the contractor shall complete Depleted Uranium Hexafluoride (DUF6) cylinder processing activities at the Portsmouth plant site. The contractor may earn fee in accordance with the processing targets identified below:				
	PBI 1.2 (25% of total fee)	Interval 3 365-546 cylinders	Interval 2 183-364 cylinders	Interval 1 1-182 cylinders	Total
	Process 546 DUF6 cylinders at the Portsmouth DUF6 Plant	60%	20%	20%	100%
	The associated values for processing are pro-rated to incentivize increased processing rates accordingly.				
Performance Criteria Measures	This incentive will be measured by verification of the contractor provided documentation, including: - List of processed cylinders in order of when the cylinders were processed. - Updated Cylinder Follower Cards (DUF6-X-OPS-0100-F02) for each processed cylinder. Note: Payment may be requested in intervals of 50 cylinders. Note: Payment may be requested for a quantity of cylinders less than 50 at the end of the period. Note: A reconciliation will be required at the end of the period of performance if the available fee changes, which may result in additional fee payment to the contractor, or the return of fee to the DOE. Note: This includes DUF6 cylinders dispositioned via transfer to NNSA for beneficial reuse.				
Performance Target	Total Fee Available: \$2,181,771 100% (\$2,181,771) will be available for this PBI upon the successful completion of the 546 cylinder processing target by September 30, 2026. 20% (436,354) will be available for processing cylinders 1 – 182 by September 30, 2026. An additional 20% (436,354) will be available for processing cylinders 183-364 by September 30, 2026. The final 60% (1,309,062) be available for processing cylinders 365-546. Partial Payment of Fee may be earned upon the sole discretion of the Fee Determining Official. Payment vouchers may be submitted incrementally for every 50 cylinders processed. Payment vouchers for lower increments may be submitted to complete an interval and at the end of the fiscal year.				

PBI # 1.3	Portsmouth X-340 Cylinder Transfers			Completion Date: 9/30/2026	
Performance Objective	In accordance with the requirements in the Performance Work Statement Section C.5.5, the contractor shall complete Uranium Hexafluoride (UF6) cylinder transfers from thin-wall cylinders to thick-wall cylinders at the Portsmouth plant site. The contractor may earn fee in accordance with the cylinder transferring targets identified below:				
	PBI 1.3 (10% of total fee)	Interval 3 107-160 cylinders	Interval 2 54-106 cylinders	Interval 1 1-53 cylinders	Total
	Transfer 160 48” DUF6 cylinders to new 48Y cylinders	50%	30%	20%	100%
	The associated values for processing are pro-rated to incentivize increased processing rates accordingly.				
Performance Criteria Measures	The incentive will be measured by verification of the contractor provided documentation that all planned cylinder transfers have been completed along with respective completion dates for each cylinder. This				

	shall include a list of cylinders transferred along with respective completion dates and a report generated from PORTSMAS provided by MC&A representative of the aforementioned empty cylinders. This shall also include Certificates of quality and quantity from sample information documenting ASTM analysis. The objective fee associated with completion of the PBI may be earned according to the percentages in the table above. Note 1: The contractor must also complete 100 certificates of quality and quantity from sample information documenting ASTM analysis. Note 2: Payment may be requested in intervals of 50 cylinders. Note 3: Payment may be requested for a quantity of cylinders less than 50 at the end of the period. Note: A reconciliation will be required at the end of the period of performance if the available fee changes, which may result in additional fee payment to the contractor, or the return of fee to the DOE.
Performance Target	Total Fee Available: \$872,708 100% (\$872,708) will be available for this PBI upon the successful completion of the 160 cylinder processing target by September 30, 2026. 20% (174,541) will be available for processing cylinders 1 – 53 by September 30, 2026. An additional 30% (261,812) will be available for processing cylinders 54 - 106 by September 30, 2026. The final 50% be available for processing cylinders 107 - 160. Partial Payment of Fee may be earned upon the sole discretion of the Fee Determining Official. Payment vouchers may be submitted incrementally for every 50 cylinders processed. Payment vouchers for lower increments may be submitted to complete an interval and at the end of the fiscal year.

PBI # 1.4	Paducah DUF6 Plant Evacuation Vacuum Header Project			Completion Date: 9/30/2026
Performance Objective	In accordance with the requirements in the Performance Work Statement Section C.6, the contractor shall complete the Evacuation Vacuum Header (EVH) project at the Paducah DUF6 Plant. Completion shall include installation, readiness review and acceptance, and the processing of the first 10 DUF6 cylinders with the EVH system as the heel evacuation source:			
	PBI 1.4 (10% of total fee)	100%	90%	70%
	Complete Evacuation Header System (EVH) project at the Paducah DUF6 Plant	30-SEP-26 Item 3 100%	30-SEP-26 Item 2 90%	30-SEP-26 Item 1 70%
Performance Criteria Measures	The incentive will be measured by verification of the contractor provided documentation detailed below: Item 1: Submit completed work control planning package with satisfactory Post Maintenance Testing and associated modification checklists. Item 2: Evidence of successful completion of the readiness, allowing hot operation of the system. Item 3: Submit a list of processed cylinders in order of when the cylinders were processed. Submit updated Cylinder Follower Cards (DUF6-C-OPS-0100-F02) for each processed cylinder.			

Performance Target	Total Fee Available: \$872,708 100% (\$872,708) will be available for this PBI upon the successful completion of all tasks (including installation, readiness, and cylinder processing) by September 30, 2026. 90% (\$785,437) will be available upon the successful completion of the EVH system readiness. 70% (610,895) will be made available upon the successful installation of the EVH system. Partial Payment of Fee may be earned upon the sole discretion of the Fee Determining Official.

PBI # 1.5	Paducah DUF6 Plant Improvements	Completion Date: 9/30/2026		
Performance Objective	In accordance with the requirements in the Performance Work Statement Section C.6, the contractor shall complete improvement projects at the Paducah DUF6 Plant including procurement and installation of oxide sampling equipment, relocate POS blowers for one conversion line, bring UF6 flowmeter density readings into Basic Process Control System (BPCS), and complete Conceptual Design and a Comprehensive Management Plan that includes a detailed cost estimate, schedule and risk evaluation, for Cylinder Evacuation Room (CER) cylinder heating improvements.			
	PBI 1.5 (5% of total fee)	100%	75%	50%
	Complete Plant Improvement Projects at the Paducah DUF6 Plant	30-SEP-26 Items 1-4	30-SEP-26 Item 1, 2 and 3	31-MAY-26 Item 2 & 3
Performance Criteria Measures	The incentive will be measured by verification of the contractor provided documentation detailed below: Item 1: Evidence of successful installation of oxide sampling equipment and implementation of approved training and procedures. Item 2: Evidence of successful installation of relocated POS blowers on one conversion line. Item 3: Evidence of successful implementation of bringing Uranium Hexafluoride (UF6) flowmeter density readings into the Basic Process Control System (BPCS). Item 4: Complete Conceptual Design and a Comprehensive Management Plan that includes a detailed cost estimate, schedule and risk evaluation, for Cylinder Evacuation Room (CER) cylinder heating improvements. Plan shall be submitted for review by DOE.			
Performance Target	Total Fee Available: \$436,354 100% (\$436,354) will be available for this PBI upon the successful completion of all identified projects by September 30, 2026. 75% (\$327,265) is available for this PBI and will be available upon the successful completion of Items 1, 2, and 3 of the identified projects by September 30, 2026. 50% (\$218,177) will be made available upon the successful completion of Items 2 and 3 of the identified projects by May 31, 2026. Partial Payment of Fee may be earned upon the sole discretion of the Fee Determining Official.			

PBI # 1.6	Portsmouth DUF6 Plant Improvements			Completion Date: 9/30/2026
Performance Objective	In accordance with the requirements in the Performance Work Statement Section C.6, the contractor shall complete improvement projects at the Portsmouth DUF6 Plant including procurement and installation of local electrical disconnects for boilers, relocate POS blowers for one conversion line, bring UF6 flowmeter density readings into Basic Process Control System (BPCS), and replace process off-gas (POS) scrubber pumps.			
	PBI 1.6 (5% of total fee)	100%	75%	50%
	Complete Plant Improvement Projects at the Portsmouth DUF6 Plant	30-SEP-26 Items 1-4	30-SEP-26 Items 1, 2 and 3	31-MAY-26 Items 2 & 3
Performance Criteria Measures	The incentive will be measured by verification of the contractor provided documentation detailed below: Item 1: Evidence of success installation of local electrical disconnect for the electric boilers. Item 2: Evidence of success installation of POS blowers on one conversion line. Item 3: Evidence of successful implementation of brining Uranium Hexafluoride (UF6) flowmeter density readings into the Basic Process Control System (BPCS). Item 4: Evidence of successful installation of redesigned process off-gas system (POS) scrubber pumps.			
Performance Target	Total Fee Available: \$436,354 100% (\$436,354) will be available for this PBI upon the successful completion of all identified projects by September 30, 2026. 75% (\$327,265) is available for this PBI and will be available upon the successful completion of Items 1, 2, and 3 of the identified projects by September 30, 2026. 50% (\$218,177) will be made available upon the successful completion of Items 2 and 3 of the identified projects by May 31, 2026. Partial Payment of Fee may be earned upon the sole discretion of the Fee Determining Official.			

PBI # 1.7	Portsmouth DUF6 Plant High Purity Depleted Uranium Project		Completion Date: 9/30/2026	
Performance Objective	In accordance with the requirements in the Performance Work Statement Section C.5.5.4, the contractor shall complete the High Purity Depleted Uranium Oxide design and installation in the X-1300 facility at the Portsmouth site. The design will include method to transfer material from the current Oxide Powder Handling (OPH) process into Intermediate Bulk Containers (IBCs) in the X-1300. Further, the design will include a method to empty the IBCs in XT-847 into 55-gallon drums for shipment to a NNSA identified location for further processing. This PBI also includes the installation of the equipment in X-1300 OPH area to support this operation.			
	PBI 1.7 (5% of total fee)	100%	75%	50%
	Complete HPDU-Ox design and installation in X-1300	30-SEP-26 Item 3	30-JUL-26 Item 2	30-DEC-25 Item 1
Performance Criteria Measures	The incentive will be measured by verification of the contractor provided documentation for the completion of the following tasks: Item 1: Submit for DOE approval a Certified for Construction (CFC) design of the HPDU-OX process, including X-1300 and XT-847. Item 2: Install all components and equipment within X-1300 to support the filling of IBCs in the OPH area in the Portsmouth DUF6 plant. The contractor shall provide evidence in the form of photograph and completed work packages indicating installation is complete. Item 3: Evidence of successful completion of the Contractor Readiness Assessment to include the final Contractor Readiness Assessment Report.			
Performance Target	Total Fee Available: \$436,354 100% (\$436,354) will be available for this PBI upon the successful completion of all identified tasks by September 30, 2026. 75% (\$327,265) will be available upon the successful completion of Item 2 by July 30, 2026. 50% (\$218,177) will be available upon the successful completion of Item 1 by December 30, 2025. Partial Payment of Fee may be earned upon the sole discretion of the Fee Determining Official.			

PBI # 1.8	UF6 Test Loop Installation in X-340		Completion Date: 9/30/2026	
Performance Objective	In accordance with the requirements in the Performance Work Statement Section C.5.5.5, the contractor shall complete the final design of a standalone UF6 test loop to be installed in the existing X-340 complex and a dedicated steam and air facility (X-344J) to support the X-340 complex at the Portsmouth site.			
	PBI 1.8 (5% of total fee)	100%	90%	70%
	Complete X-340 NNSA Design Projects	30-SEP-26 Items 1-3	28-FEB-26 Items 1 and 2	30-DEC-25 Item 1

Performance Criteria Measures	The incentive will be measured by verification of the contractor provided documentation for the completion of the following tasks: 1. Submit 90% design for DOE-EM and NNSA review and comment for the UF6 Test Loop within the X-344. 2. Submit for acceptance to DOE-EM a final Certified for Construction (CFC) design package for the X-344J facility. 3. Submit for acceptance to DOE-EM a final Certified for Construction (CFC) design package for the UF6 Test Loop within the X-344.
Performance Target	Total Fee Available: \$436,354 100% (\$436,354) will be available for this PBI upon the successful completion of all identified tasks by September 30, 2026. 90% (\$392,718) will be available upon the successful completion of Items 1 and 2 by February 28, 2026. 70% (\$305,447) will be available upon the successful completion of Item 1 by December 30, 2025. Partial Payment of Fee may be earned upon the sole discretion of the Fee Determining Official.

PBI # 1.9	XT-847 Refurbishment			Completion Date: 9/30/2026
Performance Objective	In accordance with the requirements in the Performance Work Statement Section C.5.5.5, the contractor complete major systems refurbishment in the XT-847 facility at the Portsmouth site. The refurbishment shall include fire suppression system installation and electrical repairs and installations.			
	PBI 1.9 (4% of total fee)	100%	90%	70%
	XT-847 Refurbishment	30-SEP-26 Items 1 & 2	N/A	N/A
Performance Criteria Measures	The incentive will be measured by verification of the contractor provided documentation for the completion of the following tasks: 1. Evidence of successful installation of the fire suppression system. 2. Evidence of successful completion of the facility electrical repairs and installation of new components.			
Performance Target	Total Fee Available: \$349,083 100% (\$349,083) will be available for this PBI upon the successful completion of all identified tasks by September 30, 2026. Partial Payment of Fee may be earned upon the sole discretion of the Fee Determining Official.			

PBI # 1.10	IT Backup System Upgrade	Completion Date: 9/30/2026		
Performance Objective	In accordance with the requirements in the Performance Work Statement, the contractor shall upgrade backup systems in Lexington, Paducah, and Portsmouth.			
	PBI 1.10 (3% of total fee)	100%	66%	33%
	Complete IT Network Attached Storage unit Replacements	3 rd location	2 nd location	1 st location
Performance Criteria Measures	The incentive will be measured by verification of the contractor provided documentation for the completion of the installation, configuration, and successful implementation of upgrading the aged backup system hardware (Network Attached Storage units) and methodology to the OnePPPO standardized modern solution for the DUF6 boundary at each of the 3 locations (Lexington, Portsmouth and Paducah) (not inclusive of Paducah General Support System (GSS) formerly handled by Paducah Infrastructure Support Services Contractor)			
Performance Target	Total Fee Available: \$261,812 100% (\$261,812) will be available for this PBI upon the successful completion of the system upgrades at all 3 locations by September 30, 2026. 66% (\$172,796) will be available upon the successful completion of the upgrades at 2 locations. 33% (\$86,398) will be available upon the successful completion of the upgrades at 1 location. Partial Payment of Fee may be earned upon the sole discretion of the Fee Determining Official.			

PBI # 1.11	Site Utilities Optimization			Completion Date: 9/30/2026
Performance Objective	The contractor shall develop a comprehensive site utility optimization plan for both the Paducah and Portsmouth sites.			
	PBI 1.11 (3% of total fee)	100%	90%	70%
	Complete Comprehensive Utility Optimization Plan for Both Sites	31-JUL-26	30-SEP-26	N/A
Performance Criteria Measures	The incentive will be measured by DOE acceptance of the Contractor provided Comprehensive Utility Optimization plan for both the Paducah and Portsmouth sites. The report shall contain consideration of current and future utility needs, recommended improvements, application of modern technologies as appropriate, and be a useful tool for future planning and funding decisions. Topics required to be addressed include: Power, Sanitary Water, Sanitary Sewer – include comprehensive status of each system and existing vulnerabilities along with long ranging (5-10 year) recommendation for optimization.			

	○ Water – include recommendations to decrease the required site water demand volumes and service locations through system and/or other site equipment alterations. ○ Sewer – include recommendations to reduce required treatment volumes through system repairs, upgrades, and/or consolidations. • Power ○ Paducah – include recommendations to increase robustness of electrical infrastructure including the DUF6 power feeders. ○ Portsmouth – include analysis and recommendations to reduce the number of 13.8 kV system disturbances. In addition, identify all required activities would be required to place existing “spare” 100 MVA 345kV/13.8kV transformer (T-208) into service.
Performance Target	Total Fee Available: \$261,812 100% (\$261,812) will be available for this PBI upon the successful completion of the specific tasks by July 31, 2026. 90% (\$235,631) will be available upon the successful completion of the specific tasks by September 30, 2026. Partial Payment of Fee may be earned upon the sole discretion of the Fee Determining Official.

**PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER
ATTACHMENTS**

SECTION J – LIST OF ATTACHMENTS

Attachment J-11

Small Business Subcontracting Plan

(k) Small Business Subcontracting Plan

Individual Small Business Subcontracting Plan

The plan is submitted in accordance with I.55, FAR Clause 52.219-9 Small Business Subcontracting Plan (Nov 2021) – Alt II (Nov 2016) and shall be effective upon the completion of the 120-day transition period through the life of the contract. The plan contains each of the 15 elements identified in FAR 52.219-9(d).

Contractor Name:	Mission Conversion Services Alliance, LLC
Contractor Address:	545 Oak Ridge Turnpike
City/State/Zip:	Oak Ridge, TN 37830-7187
Solicitation Number:	89303320REM000070
ID/IQ Contract Number:	TBD
Item/Service:	PPPO OSMS
Total Contract Value:	\$2,330,741,230 (est. maximum value)
Period of Contract Performance:	March 31, 2023 – March 31, 2033

Mission Conversion Services Alliance, LLC (MCSA) is committed to sustainable subcontract opportunities for small businesses (SB) – including the distinct subsets of veteran-owned small businesses (VOSB), service-disabled veteran-owned small businesses (SDVOSB), HUBZone small businesses, small disadvantaged businesses (SDB) (including ANC and Indian tribes), non-ANC Indian tribes, women-owned small businesses (WOSB), and the AbilityOne Program (AOP) – as subcontractors performing meaningful contract scope.

MCSA believes that competitively procuring discrete and distinct technical or programmatic PWS elements not only maximizes performance, reduces risk to the government, and results in good financial stewardship, but also benefits the Portsmouth/Paducah Project Office (PPPO) Operations and Site Mission Support (OSMS) mission by:

- Reducing costs
- Injecting ideas from outside the project team, bringing innovation to the project
- Limiting risk to the project through fixed-price subcontracts
- Reducing complacency among SB concerns and other subcontractors via assigning meaningful and challenging work scopes
- Enabling opportunities for local economic growth.

We support the small business objectives of the government and the U.S. Department of Energy (DOE), advocating that diversity in subcontracting provides a vital link to the local community, strengthens the economy, and represents best business practices.

MCSA has developed a transition plan for subcontracting activities that will continue to foster relationships with small businesses currently used by the incumbent contractor and maximize subcontracting opportunities for new small businesses to provide goods and services to support the OSMS contract objectives.

During the OSMS transition, MCSA plans to adopt the following activities to transition subcontracts from the incumbent:

- Obtain a current list of in-process and active procurements from incumbent

- Establish one transition subcontracting point of contact
- Immediately establish a procurement transition page (identifying procurement transition plans, schedules, opportunities, and frequently asked questions [FAQ]) on MCSA's website to allow for continuous communication throughout the transition
- Clearly define and communicate a process for reviewing existing and in-process subcontract actions from the incumbent contractor to transition team reviewers
 - Review SB-related subcontracts for extensions and further supply chain opportunities
 - Review the scopes associated with subcontracts awarded to large business to identify meaningful work scopes that could be set-aside for small businesses
 - Communicate transition process and schedule to existing subcontractors, suppliers, and current bidders
 - Identify existing staff augmentation contracts and the associated incumbent subcontracts to assess need and value to advance a strategy of defined work scopes for subcontracted work with clearly defined deliverables and end states
 - Identify leasing agreements, reviewing for expiration and assignability and identifying terms and conditions issues
 - Identify key contract differences that would require special considerations when placing or reassigning subcontracts
 - Review terms and conditions of existing subcontracts for contract compliances
 - Evaluate expiration dates of subcontracts identifying any immediate supply chain needs for extensions
- Receive feedback and recommendations from transition team due diligence teams on existing status of ongoing subcontracts and actions on whether to retain as-is, rebid, change, or let expire
- Decide which open and in-process subcontracts to retain as-is, rebid, change, and let expire based on the feedback and recommendations
- Evaluate overall cost impact associated with any necessary subcontract terminations
- Develop a detailed execution plan, schedule, and procurement management process to ensure that all necessary subcontract actions are completed prior to the end of the transition period
- Communicate the detailed execution plan and schedule to DOE-PPPO for concurrence and submit as part of the transition plan
- Communicate with the incumbent contractor the subcontracts that will be retained, to collaboratively assign the contract to MCSA
- Communicate with the incumbent contractor any open or in-process subcontracts and procurement actions that will not be novated
- Host a small business collaboration event locally during the transition period to further small business relationships in the community and to communicate the transition schedule and upcoming opportunities to subcontract with MCSA
- Review terms and conditions associated with retained or changed subcontracts and actions, providing advanced notice to subcontractors, suppliers, and bidders of intent to make any needed changes
- Communicate the MCSA procurement management process and levels of authority within the program to the transition and implementation teams
- Execute necessary subcontract actions in accordance with the developed plan and established procurement management process

- Continue to communicate with the incumbent contractor and subcontractors throughout the duration of the transition
- Finalize subcontract arrangements with our teaming subcontractors.

Type of Plan (check one)

☒ Individual Contract Plan – Individual Contract Plan, as used in this subpart, means a subcontracting plan that covers the entire contract period (including option periods), applies to a specific contract, and has goals that are based on the offeror’s planned subcontracting in support of the specific contract, except that indirect costs incurred for common or joint purpose may be allocated on a prorated basis to the contract.

☐ Master Plan – Master Plan, as used in this subpart, means a subcontracting plan that contains all the required elements of an individual contract plan, except goals, and may be incorporated into individual contract plans, provided the master plan has been approved.

1. Small Business Subcontracting Goals

MCSA is committed to going above and beyond the required minimums, by targeting a 1% higher goal in each of the socioeconomic categories (**Exhibit k-1, Exhibit k-2, and Exhibit k-3**). Further, MCSA will subcontract 20% of the total contract value (CLINs 101, 102) to small business concerns (exclusive of Fee, Transition, Post-Retirement Medical Benefits, Long-Term Disability, Pension Contribution, and the IDIQ CLINs [small business subcontracting requirements will be established on the task order-level for any task orders issued against the IDIQ CLINs per H.50(g), Task Ordering Procedure]), by committing to subcontract an additional 5% beyond the required 15% in the contract. Per FAR 52.219-9 Alternate II the goals have been provided separately for the base contract period, and each of the option periods.

Base Period

Total estimated dollar value of all planned subcontracting (i.e., with all types of concerns under this contract): **\$461,105,243^a** and **44.24%** of the Contract Value (CLINs 101 & 102).

Exhibit k-1. Base Period Small Business Subcontracting Goals			
Small Business Category	Small Business Goals (percentages based on total available subcontracting dollars)	(\$ Total Planned Subcontracting Dollars	(%)
Small Business (SB) concerns (categories below are subsets within this category)	46.14%	\$212,740,302	% of a
Veteran Owned Small Business (VOSB) concerns	4.00%	\$18,444,210	% of a
Service-Disabled Veteran Owned Small Business (SDVOSB) concerns	4.00%	\$18,444,210	% of a
Historically Under-Utilized Business Zoned (HUBZone) concerns	4.00%	\$18,444,210	% of a
Small Disadvantaged Business (SDB) concerns	6.00%	\$27,666,315	% of a
Non-ANC Indian Tribes	2.00%	\$9,222,105	% of a
Women-Owned Small Business (WOSB) concerns	6.00%	\$27,666,315	% of a
AbilityOne Program	1.20%	\$5,533,263	% of a
Total estimated dollar and percent of planned subcontracting with “other than small businesses”*	53.86%	\$248,364,942	% of a

* As defined by the Small Business Administration, “any entity that is not classified as a small business.” This includes large businesses, state and local governments, non-profit organizations, public utilities, educational institutions, and foreign-owned firms.

Option Period 1

Total estimated dollar value of all planned subcontracting (i.e., with all types of concerns under this contract): **\$300,619,100^a** and **44.15%** of the Contract Value (CLINs 201 & 202).

Exhibit k-2. Option Period 1 Small Business Subcontracting Goals			
Small Business Category	Small Business Goals (percentages based on total available subcontracting dollars)	(\$ Total Planned Subcontracting Dollars	(%)
Small Business (SB) concerns (categories below are subsets within this category)	46.97%	\$141,201,496	% of a
Veteran Owned Small Business (VOSB) concerns	4.00%	\$12,024,764	% of a
Service-Disabled Veteran Owned Small Business (SDVOSB) concerns	4.00%	\$12,024,764	% of a
Historically Under-Utilized Business Zoned (HUBZone) concerns	4.00%	\$12,024,764	% of a
Small Disadvantaged Business (SDB) concerns	6.00%	\$18,037,146	% of a
Non-ANC Indian Tribes	2.00%	\$6,012,382	% of a
Women-Owned Small Business (WOSB) concerns	6.00%	\$18,037,146	% of a
AbilityOne Program	1.20%	\$3,607,429	% of a
Total estimated dollar and percent of planned subcontracting with “ other than small businesses ”*	53.03%	\$159,417,604	% of a

* As defined by the Small Business Administration, “any entity that is not classified as a small business.” This includes large businesses, state and local governments, non-profit organizations, public utilities, educational institutions, and foreign-owned firms.

Option Period 2

Total estimated dollar value of all planned subcontracting (i.e., with all types of concerns under this contract): **\$218,111,104^a** and **45.35%** of the Contract Value (CLINs 301 & 302).

Exhibit k-3. Option Period 2 Small Business Subcontracting Goals			
Small Business Category	Small Business Goals (percentages based on total available subcontracting dollars)	(\$ Total Planned Subcontracting Dollars	(%)
Small Business (SB) concerns (categories below are subsets within this category)	46.87%	\$102,233,026	% of a
Veteran Owned Small Business (VOSB) concerns	4.00%	\$8,724,444	% of a
Service-Disabled Veteran Owned Small Business (SDVOSB) concerns	4.00%	\$8,724,444	% of a
Historically Under-Utilized Business Zoned (HUBZone) concerns	4.00%	\$8,724,444	% of a
Small Disadvantaged Business (SDB) concerns	6.00%	\$13,086,666	% of a
Non-ANC Indian Tribes	2.00%	\$4,362,222	% of a
Women-Owned Small Business (WOSB) concerns	6.00%	\$13,086,666	% of a
AbilityOne Program	1.20%	\$2,617,333	% of a
Total estimated dollar and percent of planned subcontracting with “ other than small businesses ”*	53.13%	\$115,878,078	% of a

* As defined by the Small Business Administration, “any entity that is not classified as a small business.” This includes large businesses, state and local governments, non-profit organizations, public utilities, educational institutions, and foreign-owned firms.

In addition, MCSA commits to going beyond the Mentor-Protégé Program requirements laid out in RFP Clause H.59, by committing to mentoring three small business protégés to success (two 8(a) and one additional Mentor-Protégé arrangement) during the contract period.

2. Small Business Subcontracting Goal Amounts

Base Period

- Total estimated Contract Value (CLINs 101 & 102): **\$1,042,303,771**
- Total estimated dollar value of **all** planned subcontracting (i.e., with **all** types of concerns under this contract), the total estimated subcontracting dollar value is **\$461,105,243**
- Total estimated dollar value of planned subcontracting with **small businesses** (including VOSB, SDVOSB, HUBZone, SDB, Non-ANC, WOSB and AbilityOne): **\$212,740,302**
- Total estimated dollar value of planned subcontracting with **small veteran-owned businesses**: **\$18,444,210**
- Total estimated dollar value of planned subcontracting with **service-disabled veteran owned small businesses**: **\$18,444,210**
- Total estimated dollar of planned subcontracting with **HUBZone small businesses**: **\$18,444,210**
- Total estimated dollar of planned subcontracting with **small disadvantaged businesses**: **\$27,666,315**
- Total estimated dollar of planned subcontracting with **non-ANC Indian tribes**: **\$9,222,105**
- Total estimated dollar of planned subcontracting with **women-owned small businesses**: **\$27,666,315**
- Total estimated dollar of planned subcontracting with **AbilityOne Program**: **\$5,533,263**

Option Period 1

- Total estimated Contract Value (CLINs 201 & 202): **\$680,915,312**
- Total estimated dollar value of **all** planned subcontracting (i.e., with **all** types of concerns under this contract), the total estimated subcontracting dollar value is **\$300,619,100**
- Total estimated dollar value of planned subcontracting with **small businesses** (including VOSB, SDVOSB, HUBZone, SDB, Non-ANC, WOSB and AbilityOne): **\$141,201,496**
- Total estimated dollar value of planned subcontracting with **small veteran-owned businesses**: **\$12,024,764**
- Total estimated dollar value of planned subcontracting with **service-disabled veteran owned small businesses**: **\$12,024,764**
- Total estimated dollar of planned subcontracting with **HUBZone small businesses**: **\$12,024,764**
- Total estimated dollar of planned subcontracting with **small disadvantaged businesses**: **\$18,037,146**
- Total estimated dollar of planned subcontracting with **non-ANC Indian tribes**: **\$6,012,382**
- Total estimated dollar of planned subcontracting with **women-owned small businesses**: **\$18,037,146**
- Total estimated dollar of planned subcontracting with **AbilityOne Program**: **\$3,607,429**

Option Period 2

- Total estimated Contract Value (CLINs 301 & 302): **\$480,973,047**
- Total estimated dollar value of **all** planned subcontracting (i.e., with **all** types of concerns under this contract), the total estimated subcontracting dollar value is **\$218,111,104**
- Total estimated dollar value of planned subcontracting with **small businesses** (including VOSB, SDVOSB, HUBZone, SDB, Non-ANC, WOSB and AbilityOne): **\$102,233,026**
- Total estimated dollar value of planned subcontracting with **small veteran-owned businesses**: **\$8,724,444**

- Total estimated dollar value of planned subcontracting with **service-disabled veteran owned small businesses: \$8,724,444**
- Total estimated dollar of planned subcontracting with **HUBZone small businesses: \$8,724,444**
- Total estimated dollar of planned subcontracting with **small disadvantaged businesses: \$13,086,666**
- Total estimated dollar of planned subcontracting with **non-ANC Indian tribes: \$4,362,222**
- Total estimated dollar of planned subcontracting with **women-owned small businesses: \$13,086,666**
- Total estimated dollar of planned subcontracting with **AbilityOne Program: \$2,617,333.**

3. Suppliers and Services Subject for Subcontracting

Exhibit k-4 provides an overview of the supplies and services MCSA has identified as areas subject for subcontracting to SB, VOSB, SDVOSB, HUBZone SB, SDB, Non-ANC Indian Tribes, WOSB, and the AbilityOne Program.

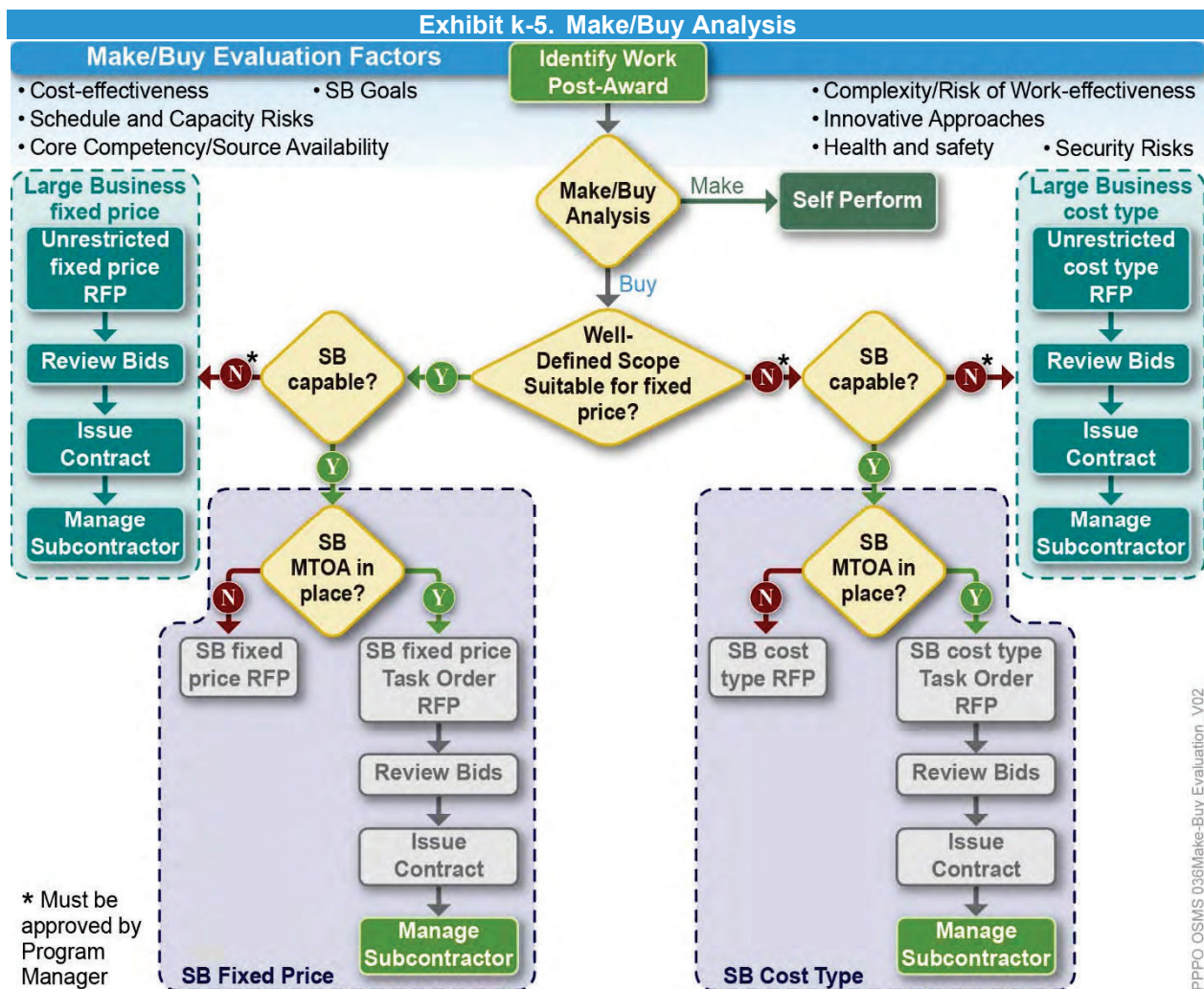
Exhibit k-4. Supplies and Services								
Supplies and Services	SB	VOSB	SDVOSB	HUBZone	SDB	Non-ANC Indian Tribes	WOSB	AOP
A&E Services	✓	✓			✓	✓	✓	
Analytical	✓				✓			
Chemical Supplies	✓	✓	✓	✓	✓	✓		
Construction and Construction-Related Services	✓	✓	✓	✓	✓	✓	✓	
Database Services	✓	✓	✓	✓	✓	✓	✓	
Design/Fabrication	✓				✓	✓		
Environmental Services	✓						✓	
Equipment & Vehicle Maintenance, Repair and Calibration	✓	✓	✓		✓	✓		
General Services	✓	✓	✓	✓	✓	✓	✓	✓
General Supplies and Commodities	✓	✓	✓	✓	✓	✓	✓	✓
Industrial Supplies	✓						✓	
Information Technology/ Cyber Security	✓	✓	✓	✓	✓	✓	✓	
Laboratory Services	✓	✓	✓	✓	✓	✓	✓	
Legal Services	✓							
Laundry Services	✓			✓	✓	✓	✓	✓
Maintenance and Ground Services	✓	✓			✓	✓		✓
Personal Property and Warehouse Management	✓							
Professional Services	✓	✓	✓	✓	✓	✓	✓	
Protective Force Services and Emergency Mgmt./Response Svcs.	✓	✓	✓				✓	
Radiological Control	✓					✓		
Safety Supplies and PPE	✓	✓	✓	✓	✓	✓	✓	✓
Software Engineering, Support, Maintenance and License	✓	✓	✓	✓	✓	✓	✓	
Specialized Technical Support	✓	✓	✓		✓	✓	✓	
Subcontract Financing	✓						✓	
Testing Support	✓						✓	
Training	✓	✓	✓	✓	✓	✓	✓	
Waste Management	✓							

4. Method Used to Develop Subcontracting Goals

It is fundamentally important for MCSA to establish realistic and credible subcontracting goals for SB, including goals for VOSB, SDVOSB, HUBZone SB, SDB, Non-ANC Indian Tribes, WOSB, and AOP. The goals will drive decisions and behaviors and the method by which these are developed therefore becomes pivotal. The minimum small business goals have been directed by DOE in RFP Table L-3. MCSA commits to going above these minimums (as discussed in Section 1 of this plan) in the Individual Plan goals.

In instances where MCSA believes we have opportunities to develop goals that exceed the goals in Section 1, the following method will be used.

MCSA plans to develop SB subcontracting goals through an integrated approach, involving key stakeholders with the right knowledge, at the right time, forming these commitments. The SB subcontracting goals are the product of a comprehensive assessment, rooted in the fundamental make/buy analysis, as shown in **Exhibit k-5**.



MCSA's make/buy analysis process accounts for a wide array of factors that ultimately yield the appropriate subcontracting decision for each need.

The Business Manager enters this process once a buy decision is made and the team assesses if a SB will be capable of undertaking the work. If SB subcontracting is deemed appropriate for the scope of work, we feed the value and percentage scope into the goal setting process.

5. Method Used to Identify Potential Sources for Solicitation Purposes

To identify potential sources for solicitation purposes, we will review–

- Local, regional and state SB/SDB community resources
- Regional minority purchasing councils' listings for SBD entities
- Veteran services organizations
- U.S. Small Business Administration Database
- PRO-Net database
- Trade associations for VOSB, SDVOSB, HUBZone SB, SDB, Non-ANC Indian Tribes, WOSB and AOP entities
- National Contract Management Association (NCMA)
- Institute for Supply Management (ISM)
- System for Award Management (SAM)
- Reach out to AbilityOnePrimeContractor@sourceamerica.org
- Small business conferences.

6. Indirect Costs

Indirect costs have *not* been included in the dollar and percentage subcontracting goals above.

7. Administration Officer for Small Business Subcontracting Plan

The MCSA Business Manager has overall responsibility for program success. The Business Manager will appoint the Small Business Program Manager whose duties include the following activities:

- Developing and promoting company-wide policy initiatives that demonstrate the company's support for awarding contracts and subcontracts to small business concerns, veteran-owned small businesses, service-disabled veteran-owned small businesses, HUBZone small business concerns, small disadvantaged businesses, non-ANC Indian Tribes, women-owned small businesses and AbilityOne program
- Confirming the integrity of supplier information in System for Award Management (SAM) through a series of actions that include review of certifications and representations of new suppliers; ensuring that supplier NAICS codes and socioeconomic classifications are included in supplier descriptions
- Periodically monitoring the procurement staff and routinely providing new small business and socioeconomic business sources, including developing a small business supplier list for all credit card holders and periodically adding new sources to the list
- Randomly reviewing procurements to ensure they permit the maximum possible participation of small business concerns, veteran-owned small businesses, service-disabled veteran-owned small businesses, HUBZone small business concerns, small disadvantaged businesses, non-ANC Indian Tribes, women-owned small businesses and AbilityOne program
- Randomly reviewing solicitations to remove statements clauses, and so forth, that restrict or prohibit maximum participation by small business concerns
- Randomly reviewing evaluation documentation when proposals/bids from small businesses are not selected for award
- Using various sources to identify small businesses

- Overseeing the establishment and maintenance of contract and subcontract award records
- Monitoring the compliance of subcontractors responsible for subcontracting plan requirements under flow-down provisions
- Preparing, inputting, and submitting timely subcontracting reporting through the electronic Subcontracting Reporting System (eSRS)
- Attending or arranging for the attendance of company representatives at small business workshops, seminars, procurement fairs, trade fairs, and conferences
- Ensuring that small business concerns are made aware of subcontracting opportunities, and ensuring that these concerns are provided training through workshops on how to prepare responsive bids
- Conducting or arranging for training of purchasing personnel regarding implementation of the small business subcontracting plan
- Ensuring that small businesses are made aware of the Credit Card Program and how to participate in it
- Conducting or arranging training for credit card holders in order to provide subcontracting opportunities to small businesses through credit card purchases
- Coordinating company activities during the conduct of compliance reviews by federal agencies
- Initiating actions for the company to participate in DOE's Mentor-Protégé Program.

8. Equitable Opportunity

MCSA is committed to offering fair and equitable opportunity for SB, VOSB, SDVOSB, HUBZone SB, SDB, Non-ANC Indian Tribes, WOSB, and AOP to compete to supply the products and services needed to execute the PPPO OSMS PWS. Efforts we plan to undertake to ensure that small business entities have an equitable opportunity for securing subcontracts include the following activities.

8.1 Outreach Efforts to Obtain Sources

We have identified a number of activities and efforts targeting new SB sources. The list is based on our direct experience and understanding of the available sources and routes to identify new sources relevant for MCSA.

- Actively contact SB, VOSB, SDVOSB, HUBZone SB, SDB, Non-ANC Indian Tribes, WOSB, and AOP
- Encourage buyers to use directories and databases of federal, state, local, and private organizations to reach potential subjects
- Contact federal, state, local, and private small business development organizations
- Attend small and minority business procurement conferences and trade fairs
- Request sources from the Small Business Administration's Procurement Marketing and Access Network (PRO-Net) and SAM
- Use various communication sources (e.g., newsletters and online magazines) to encourage new sources
- Participate in efforts and activities to expand the socioeconomic database for the contract
- Sponsor/co-sponsor various small business conferences
- Respond to all requests received from small businesses that desire an opportunity to compete for business
- Maintain database of potential small business subcontractors within the procurement supplier database
- Post solicitations on MCSA's website to maximize exposure

- Require each procurement lead/purchasing manager and buyer to participate in one or more small business event each year
- Provide resources and proactive participation in local small business and minority organizations.

8.2 Internal Efforts to Guide and Encourage Procurement/Purchasing Personnel

MCSA understands the importance of repetitively emphasizing and educating the procurement and purchasing personnel, and others involved in make/buy assessment, to look for and encourage work scope to be subject to subcontracting, including SB subcontracting. The Business Manager is responsible for execution of these efforts, and directs procurement staff to deliver the following:

- Prepare and undertake workshops, seminars, and training programs to ensure effective delivery of the plan and use of applicable systems (e.g., SAM)
- Develop, use and maintain source list, guides, and other data for soliciting subcontracts to SB, VOSB, SDVOSB, HUBZone SB, SDB, Non-ANC Indian Tribes, WOSB, and AOP
- Monitor ongoing activities to assess compliance with subcontracting plan
- Ensure development of procurement policies and procedures that direct use of SB subcontracting through promoting clauses and requirements
- Communicate lessons learned to SB suppliers and subcontractors to develop capabilities and qualities of services
- Implement ongoing in-reach program that provides small businesses access and exposure to key project planners and managers
- Conduct internal workshops, seminars, and training programs to ensure that internal customers and acquisition personnel are familiar with the SB policies and prime subcontracting requirements
- Maintain list of trips reports and other documentation on the outreach activities attended, including new sources identified along with recommendations to buyers to include these sources in upcoming appropriate solicitations. Following-up with buyers regarding the use of the new sources.
- Design procurement packages and subcontract opportunities to allow maximum participation from SBs and enable long-term relationships where possible. All procurement packages will be designed to promote participation from SBs. This “design feature” is rooted in the initial drafting process, undertaken by procurement.
- Emphasize vitality of inclusion of SBs in all applicable solicitations. To the extent possible, limiting clauses and paragraphs will be removed from all solicitations to promote award of work scope to small businesses.

8.3 Outreach Events

The identified outreach events are all strategic of nature and target senior client stakeholders planning and strategizing for future small business engagement. The outcome of these engagements’ feeds into both the external source searching (8.1) and the internal education and encouragement of enforcing SB subcontracting (8.2).

- Annually attend the DOE Small Business Conference
- Obtain list of outreach activities to attend from DOE Small Business Program Manager
- Consistent with Section H Special Contract Requirements Clause H.58 NNSA/EM Strategic Sourcing Partnership, participate in the National Nuclear Security Administration (NNSA)/ Environmental Management (EM) Strategic Sourcing Partnership

- Work with the NNSA/EM Supply Chain Management Center (SCMC) to yield an enterprise-wide, synergistic strategic sourcing solution that leverages NNSA and EM purchasing power to gain pricing, processing, and report efficiencies to reduce costs overall for the government.

8.4 Additional Initiatives

Further, we have identified five additional initiatives which aim to enhance equitable opportunities for SB through traditional purchasing and acquisition routes.

1. Establish a procurement services page on MCSA's website/enhance the page to highlight opportunities for small businesses
2. Enhance acquisition planning to highlight SB subcontracting opportunities
3. Work with the SBA Procurements Center Representative
4. Work with minority supplier development councils
5. Work with other small business organizations.

9. Subcontract Flow-Down

MCSA commits to include FAR 52.219-8, "Utilization of Small Business Concerns (Oct 2018)," in all subcontracts that offer further subcontracting opportunities. In accordance with 48 CFR 19.702 (a), MCSA will require that all subcontractors (except small business concerns) that receive subcontracts in excess of \$750,000 (\$1.5M for construction) with further subcontracting possibilities to adopt a subcontracting plan that complies with the requirements of FAR 52.219-9, Small Business Subcontracting Plan (Nov 2021).

All plans will be reviewed by the Business Manager and compared from a compliance point of view with the provisions of FAR 52.219-9 to ensure that all minimum requirements of an acceptable subcontracting plan have been satisfied. The acceptability of percentage goals will be determined on a case-by-case basis depending on the supplies and services involved, the availability of potential SB, VOSB, SDVOSB, HUBZone SB, SDB, Non-ANC Indian Tribes, WOSB, and AOP, and prior experience. Once approved and implemented, plans will be monitored through the submission of periodic reports and/or as time and availability of funds allow, periodic visits to subcontractors' facilities to review applicable records and subcontracting program progress.

10. Reports, Studies and Surveys

MCSA commits to:

1. Participate and cooperate in all studies or surveys required
2. Submit periodic reports to enable the government to determine the extent of compliance with the subcontracting plan
3. Include subcontracting data for each order when reporting subcontracting achievements for indefinite-delivery, indefinite-quantity, contracts with individual subcontracting plans where the contract is intended for use by multiple agencies

4. Submit the individual subcontract report (ISR) and/or the summary subcontract report (SSR), in accordance with paragraph (l) of this clause using the electronic Subcontracting Reporting System (eSRS) at <http://www.esrs.gov>. The reports shall provide information on subcontract awards to small business concerns (including ANCs and Indian tribes that are not small businesses), veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns (including ANCs and Indian tribes that have not been certified by SBA as small disadvantaged businesses), and women-owned small business concerns. Reporting shall be in accordance with this clause, or as provided in agency regulations.
5. Ensure that large business subcontractors with subcontracting plans agree to submit the ISR and/or the SSR using eSRS
6. Provide the prime contract number, the unique entity identifier, and the email address of the Offeror's official responsible for acknowledging receipt of or rejecting the ISRs, to all first-tier subcontractors with subcontracting plans so they can enter this information into the eSRS when submitting their ISRs
7. Require that each subcontractor with a subcontracting plan provide the prime contract number, its own unique entity identifier, and the email address of the subcontractor's official responsible for acknowledging receipt of or rejecting the ISRs, to its subcontractors with subcontracting plans.

11. Records

The types of records that will be maintained to demonstrate the procedures adopted to ensure compliance with the requirements and goals of the Small Business Subcontracting Plan include:

1. Source lists (e.g., System for Award Management [SAM.gov] and Small Business Administration's Dynamic Small Business Search reports), guides, and other data that identify SB, VOSB, SDVOSB, HUBZone SB, SDB, Non-ANC Indian Tribes, WOSB, and AOP concerns.
2. Records of organizations contacted in an attempt to locate sources that are SB, VOSB, SDVOSB, HUBZone SB, SDB, Non-ANC Indian Tribes, WOSB, and AOP concerns.
3. Records on each purchase order/subcontract solicitation resulting in an award of more than the simplified acquisition threshold, indicating—
 - Whether SB concerns were solicited and, if not, why not
 - Whether SDB concerns were solicited and, if not, why not
 - Whether WOSB concerns were solicited and, if not, why not
 - Whether HUBZone SB concerns were solicited and, if not, why not
 - Whether VOSB concerns were solicited and, if not, why not
 - Whether SDVOSB concerns were solicited and, if not, why not
 - If applicable, the reason award was not made to a SB concern
4. Records of any outreach efforts to contact—
 - Trade associations
 - Business development organizations

- Conferences and trade fairs to locate SB, VOSB, SDVOSB, HUBZone SB, SDB, Non-ANC Indian Tribes, WOSB, and AOP sources
 - Veterans' service organizations
5. Records of internal guidance and encouragement provided to acquisition personnel through:
 - Workshops, seminars, and training
 - Monitoring performance to evaluate compliance with the program's requirements
 6. On a contract-by-contract basis, records to support award data submitted, including the name, address, and business size of each supplier/subcontractor.

12. Assurance of Good Faith Effort to Meet Small Business Commitments

MCSA commits to making a good faith effort to meet or exceed the SB subcontracting goals, as expressed in Section 3 of the SB subcontracting plan. This includes good faith effort to acquire articles, equipment, supplies, services, or materials, or to obtain the performance of construction work from the SBs, in the same or greater scope, amount, and quality used to prepare the proposal.

13. Assurance for Contracting Officer Involvement if Small Business Commitments are Violated

MCSA commits to provide the Contracting Officer with a written explanation if MCSA fails to acquire articles, equipment, supplies, services or materials or to obtain the performance of construction work as described in (d)(12) of the FAR 52.219-9 clause. The written explanation will be submitted to the Contracting Officer within 30 days of contract completion.

14. Assurance of Open Dialogue Allowance Between Subcontractor and Contracting Officer

MCSA guarantees not to prohibit any subcontractor from discussing material matter pertaining to payment to or utilization of a subcontractor with the Contracting Officer.

15. Assurance of Timely Payments to Small Business Subcontractors

MCSA commits to pay its small business subcontractors on time and in accordance with the terms and conditions of the underlying subcontracts associated with the execution of the OSMS mission. MCSA promises to notify the Contracting Officer when the prime contractor makes either a reduced or an untimely payment to a SB subcontractor.

Signatures:

**This Individual Subcontracting
Plan was Prepared By:**

Aimee Roush

Typed/Written Name



Signature

April 9, 2024

Date

Mission Conversion Services
Alliance, LLC

Company Name

Director of Procurement & Contracts,
Atkins Nuclear Secured, LLC

Title

Individual Plan Accepted By:

Carin P. Boyd

Typed/Written Name

**CARIN
BOYD**

Signature

Digitally signed by
CARIN BOYD
Date: 2024.11.07
15:54:39 -05'00'

November 8, 2024

Date

U.S. Department of Energy

Government Representative

Supervisory Contracts Specialist/Contracting Officer

Title

**PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER
ATTACHMENTS**

SECTION J – LIST OF ATTACHMENTS

Attachment J-12

Crosswalk for Contract Baseline Development

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Crosswalk for Contract Baseline Development

This Attachment provides the crosswalk between the Performance Work Statement (PWS) in Section C and the Work Breakdown Structure (WBS) for the contract. The crosswalk of information reflected in the following table shall be utilized by the Contractor for preparation of the Contract Baseline. For preparation of the initial Contract Baseline, the Contractor shall utilize its cost proposal with the Basis of Estimates provided in response to the Request for Proposal. The Work Breakdown Structure (WBS) reflected in the following table will be utilized for the Contract Baseline structure.

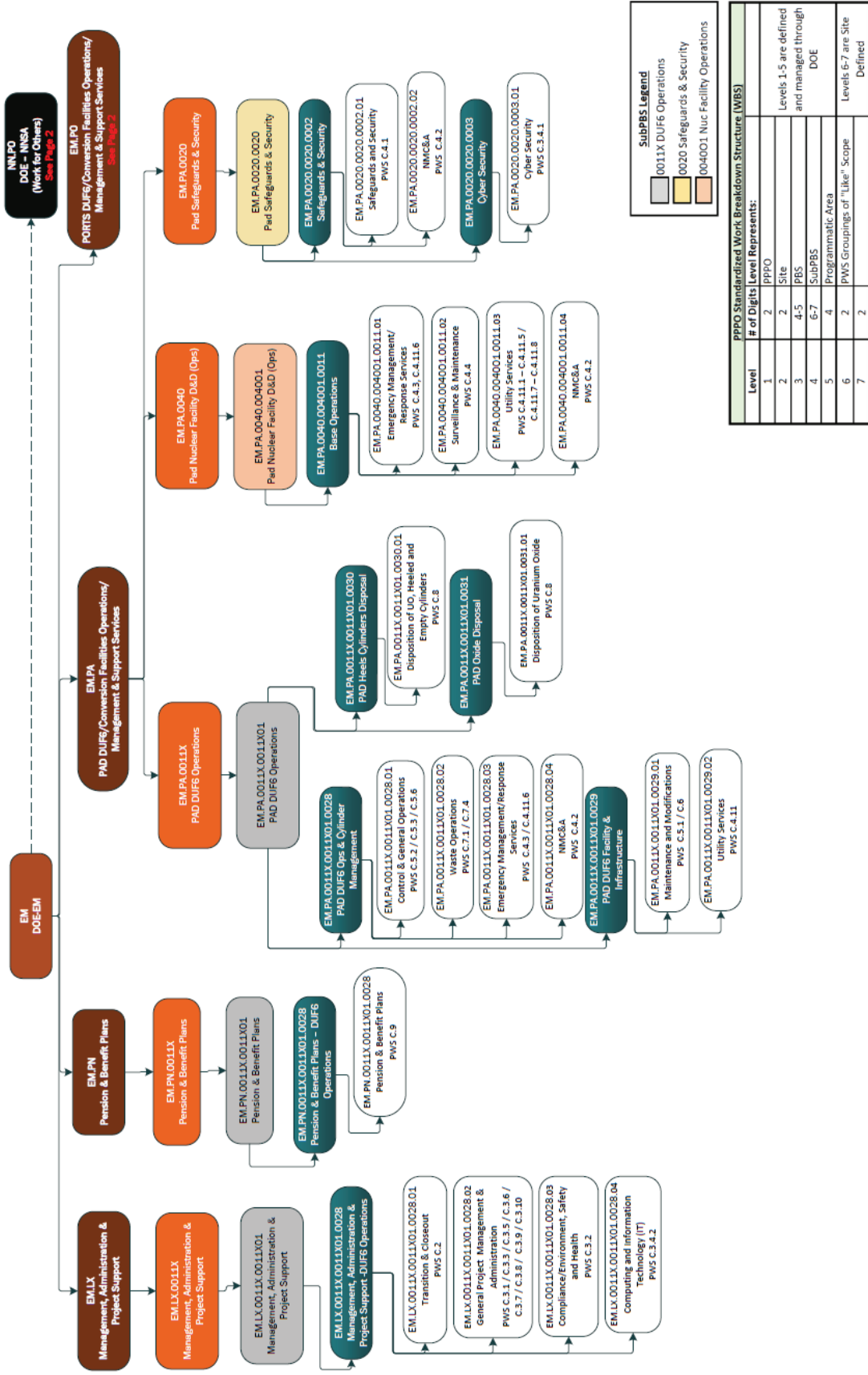
BASIS OF ESTIMATE (BOE)	WBS	APPROPRIATION FUNDING ALLOCATION	PWS
1. Contract Transition and Closeout	EM.LX.0011X.0011X01.0028.0	EM PO-0011X - TBD% EM PA-0011X - TBD% EM PO-0020 - TBD% EM PA-0020 - TBD% EM PO-0040 - TBD% EM PA-0040 - TBD%	C.2.1 Incoming Transition
2. Environmental, Safety, Health, and Quality	EM.LX.0011X.0011X01.0028.0	EM PO-0011X - TBD% EM PA-0011X - TBD% EM PO-0020 - TBD% EM PA-0020 - TBD% EM PO-0040 - TBD% EM PA-0040 - TBD%	C.3.2 Environment, Safety, Health and Quality C.3.2.1 – C.3.2.12
3. Paducah Cyber Security	EM.PA.0020.0020.0003.01	EM PA-0020	C.3.4.1 Cyber Security
4. Portsmouth Cyber Security	EM.PO.0020.0020.0003.01	EM PO-0020	C.3.4.1 Cyber Security
5. Computing and Information Technology	EM.LX.0011X.0011X01.0028.0	EM PO-0011X - TBD% EM PA-0011X - TBD%	C.3.4.2 Computing and Information Technology
6. General Administration and Project Support	EM.LX.0011X.0011X01.0028.0	EM PO-0011X - TBD% EM PA-0011X - TBD% EM PO-0020 - TBD% EM PA-0020 - TBD% EM PO-0040 - TBD% EM PA-0040 - TBD%	C.3.1 General Administration C.3.3 Project Requirement, Support Activities, and Integration (C.3.3.1 – C.3.3.6) C.3.5 Security Programmatic Support C.3.6 Management of Site Services and Interfaces C.3.7 Training C.3.8 Property Management (C.3.8.1 – C.3.8.3) C.3.9 Records Management (C.3.9.1 – C.3.9.5) C.3.10 Public Relations and Media Support
	N/A		C.4.0 Mission Support Services
7. Paducah Protective Force Services	EM.PA.0020.0020.0002.01	EM PA-0020	C.4.1 Protective Force Services C.4.1.1 – C.4.1.11

BASIS OF ESTIMATE (BOE)	WBS	APPROPRIATION FUNDING ALLOCATION	PWS
8. Portsmouth Protective Force Services	EM.PO.0020.0020.0002.01	EM PO-0020	C.4.1 Protective Force Services C.4.1.1 – C.4.1.11
9. Paducah Material Control and Accountability	EM.PA.0011X.0011X01.0028.04 EM.PA.0040.004001.0011.04 EM.PA.0020.0020.0002.02	EM PA-0011X - TBD% EM PA-0040 - TBD% EM PA-0020 - TBD%	C.4.2 Material Control and Accountability C.4.2.1 – C.4.2.3
10. Portsmouth Material Control and Accountability	EM.PO.0011X.0011X01.0028.04 EM.PO.0040.004001.0010.04 EM.PO.0020.0020.0002.02	EM PO-0011X - TBD% EM PO-0040 - TBD% EM PO-0020 - TBD%	C.4.2 Material Control and Accountability C.4.2.1 – C.4.2.3
11. Paducah Emergency Management/Response Services	EM.PA.0011X.0011X01.0028.03 EM.PA.0040.004001.0011.01	EM PA-0011X - TBD% EM PA-0040 - TBD%	C.4.3 Emergency Management/Response Services C.4.3.1 – C.4.3.3
12. Portsmouth Emergency Management/Response Services	EM.PO.0011X.0011X01.0028.03 EM.PO.0040.004001.0010.02	EM PO-0011X - TBD% EM PO-0040 - TBD%	C.4.3 Emergency Management/Response Services C.4.3.1 – C.4.3.3
13. Paducah Surveillance and Maintenance	EM.PA.0040.004001.0011.02	EM PA-0040	C.4.4 Surveillance and Maintenance
14. Portsmouth Surveillance and Maintenance	EM.PO.0040.004001.0033.01	EM.PO-0040	C.4.4 Surveillance and Maintenance
15. Portsmouth Criticality Accident Alarm System	EM.PO.0040.004001.0010.01	EM PO-0040	C.4.5 PORTS Criticality Accident Alarm System
16. Reserved			
17. Portsmouth (Only) Laundry	EM.PO.0040.004001.0010.01	EM PO-0040	C.4.7 PORTS (Only) Laundry
	N/A		C.4.8 Reserved
18. Portsmouth (Only) Dosimetry Services	EM.PO.0040.004001.0010.03	EM PO-0040	C.4.9 PORTS (Only) Dosimetry Services
19. Portsmouth Utility Services	EM.PO.0011X.0011X01.0029.02 EM.PO.0040.004001.0010.05	EM PO-0011X - TBD% EM PO-0040 - TBD%	C.4.10 PORTS Utility Services C.4.10.1 – C.4.10.8
20. Portsmouth Sitewide Radio System	EM.PO.0011X.0011X01.0028.03 EM.PO.0040.004001.0010.02	EM PO-0011X - TBD% EM PO-0040 - TBD%	C.4.10.9 Sitewide Radio System
21. Paducah Utility Services	EM.PA.0011X.0011X01.0029.02 EM.PA.0040.004001.0011.03	EM PA-0011X - TBD% EM PA-0040 - TBD%	C.4.11 PAD Utility Services C.4.11.1 – C.4.11.5, C.4.11.7- C.4.11.8
22. Paducah Sitewide Radio System	EM.PA.0011X.0011X01.0028.03 EM.PA.0040.004001.0011.01	EM PA-0011X - TBD% EM PA-0040 - TBD%	C.4.11.6 Sitewide Radio System
	N/A		C.5 UF6 Operations

BASIS OF ESTIMATE (BOE)	WBS	APPROPRIATION FUNDING ALLOCATION	PWS
23. Paducah UF6 Plant Maintenance and Repair	EM.PA.0011X.0011X01.0029.01	EM PA-0011X	C.5.1 Maintenance and Repair
24. Portsmouth UF6 Plant Maintenance and Repair	EM.PO.0011X.0011X01.0029.0	EM PO-0011X	C.5.1 Maintenance and Repair
25. Paducah DUF6 Conversion Operations	EM.PA.0011X.0011X01.0028.01	EM PA-0011X	C.5.2 DUF6 Conversion Operations
26. Portsmouth DUF6 Conversion Operations	EM.PO.0011X.0011X01.0028.01	EM PO-0011X	C.5.2 DUF6 Conversion Operations
27. Paducah UF6 Cylinder Processing	EM.PA.0011X.0011X01.0028.0	EM PA-0011X	C.5.3 Cylinder Processing C.5.3.1 – C.5.3.8
28. Portsmouth UF6 Cylinder Processing	EM.PO.0011X.0011X01.0028.0	EM PO-0011X	C.5.3 Cylinder Processing C.5.3.1 – C.5.3.8
29. Reserved			
30. Reserved			
31. Reserved			
32. Portsmouth UF6 Repackaging Operations	NN.PO.WFO.NNSA.0067.01	TBD	C.5.5 UF6 Repackaging Operations C.5.5.1 – C.5.5.3
33. Paducah Cylinder Yard Operations	EM.PA.0011X.0011X01.0028.0	EM PA-0011X	C.5.6 Cylinder Yard Operations C.5.6.1 – C.5.6.3
34. Portsmouth Cylinder Yard Operations	EM.PO.0011X.0011X01.0028.0	EM PO-0011X	C.5.6 Cylinder Yard Operations C.5.6.1 – C.5.6.3
35. Paducah DUF6 Plant Improvement(s)/Modifications	EM.PA.0011X.0011X01.0029.01	EM PA-0011X	C.6 DUF6 Plant Improvement(s)/Modification C.6.1 – C.6.2
36. Portsmouth DUF6 Plant Improvement(s)/Modifications	EM.PO.0011X.0011X01.0029.01	EM PO-0011X	C.6 DUF6 Plant Improvement(s)/Modification C.6.1 – C.6.2
	N/A		C.7 Waste Operations
37. Paducah Self Generated Waste	EM.PA.0011X.0011X01.0028.02	EM PA-0011X	C.7.1 Self-Generated Waste
38. Portsmouth Self Generated Waste	EM.PO.0011X.0011X01.0028.0	EM PO-0011X	C.7.1 Self-Generated Waste
39. Portsmouth Sanitary and ISS Waste	EM.PO.0040.004002.0010.01	EM PO-0040	C.7.2 PORTS Sanitary and ISS Waste
40. Portsmouth Legacy Waste	EM.PO.0040.004002.0010.01	EM PO-0040	C.7.3 PORTS Legacy Waste
41. Paducah DUOX Waste Generated at DUF6 Conversion Facilities	EM.PA.0011X.0011X01.0028.0	EM PA-0011X	C.7.4 DUOX Waste Generated at DUF6 Conversion Facilities
42. Portsmouth DUOX Waste Generated at	EM.PO.0011X.0011X01.0028.0	EM PO-0011X	C.7.4 DUOX Waste Generated at DUF6 Conversion Facilities

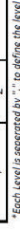
BASIS OF ESTIMATE (BOE)	WBS	APPROPRIATION FUNDING ALLOCATION	PWS
DUF6 Conversion Facilities			
43. Paducah Disposition of UO, Heeled, and Empty Cylinders	EM.PA.0011X.0011X01.0030.0 EM.PA.0011X.0011X01.0031.0	EM PA-0011X	C.8 Disposition of UO, Heeled and Empty Cylinders
44. Portsmouth Disposition of UO, Heeled, and Empty Cylinders	EM.PO.0011X.0011X01.0030.0 EM.PO.0011X.0011X01.0031.0	EM PO-0011X	C.8 Disposition of UO, Heeled and Empty Cylinders
Administration of Pension and Benefits Plans	EM.PN.0011X.0011X01.0028	EM PA-0011X - TBD% EM PO-0011X - TBD%	C.9 Administration of Pension and Benefit Plans
	N/A		C.10 Additional Assignments

WBS Bubble Chart Showing PWS/WBS is below



*Each level is separated by "." to define the level

PPPO Standardized Work Breakdown Structure (WBS)		
Level	# of Digits	Level Represents:
1	2	PPPO
2	2	Site
3	4-5	PBS
4	6-7	SubPBS
5	4	Programmatic Area
6	2	PWS Groupings of "Like" Scope
7	2	Defined



PPPO Standardized Work Breakdown Structure (WB5)	
Level	# of Digits Level Represents:
1	2 PPPO
2	2 Site
3	4-5 PB5
4	6-7 SubPB5
5	4 Programmatic Area
6	2 PW5 Groupings of "like" Scope
7	2 PW5 Groupings of "like" Scope

**PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER
ATTACHMENTS**

SECTION J – LIST OF ATTACHMENTS

Attachment J-13

Listing of Local Agreements (Emergency Management, Fire Protection, and
Security)

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Emergency Management and Fire Protection Agreements

Portsmouth
<i>Memorandums of Agreement</i>
Memorandum of Agreement Among the U.S Department of Energy and Fluor-BWXT Portsmouth and Pike County Emergency Medical Service
Memorandum of Agreement Among the U.S. Department of Energy and Fluor-BWXT Portsmouth LLC and Adena Health System dba Adena Regional Medical Center
Memorandum of Agreement Between the U.S. Department of Energy and Fluor-BWXT Portsmouth LLC and Air EVAC LifeTeam
Memorandum of Agreement Between the U.S. Department of Energy and Fluor-BWXT Portsmouth LLC and Southern Ohio Medical Center
Memorandum of Agreement Between the U.S. Department of Energy and Fluor-BWXT Portsmouth LLC and Pike County Firefighters Association
Paducah
<i>Letters of Assistance</i>
McCracken County Office of EM
Mercy Regional Emergency Medical Services
<i>Memorandum of Understanding</i>
West McCracken Fire District (Includes other local fire departments)
<i>Memorandums of Agreements</i>
Air Evac Lifeteam (participating provider in the AirMedCare Network)
Baptist Health
Mercy Health Partners – Lourdes, Inc.

Security Agreements

Portsmouth
<i>Memorandum of Agreements</i>
Memorandum of Agreement Between the U.S. Department of Energy/PPPO and Pike County Sheriff's office
Paducah
<i>Letters of Assistance</i>
U.S. Department of Justice/Federal Bureau of Investigation
Kentucky State Police
McCracken County Judge Executive
<i>Memorandums of Understanding</i>
McCracken County Sheriff's Department
Paducah Police Department

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS

Attachment J-14

Executed Performance Guarantee Agreement

(i) Performance Guarantee Agreement

The fully completed and executed Performance Guarantee Agreements for the MCSA member companies are presented on the following pages.

(i)(1) Atkins Nuclear Secured, LLC

ATTACHMENT L-1, PERFORMANCE GUARANTEE AGREEMENT

For value received, and in consideration of, and to induce the United States (the Government) to enter into Contract _____ for the **PPPO Operations and Site Mission Support Contract** dated _____, by and between the Government and **Mission Conversion Services Alliance, LLC** (Contractor), the undersigned, **Atkins Nuclear Secured, LLC** (Guarantor), a corporation incorporated in the State of **Delaware** with its principal place of business at **545 Oak Ridge Turnpike, Oak Ridge, TN 37830-7187** hereby unconditionally guarantees to the Government:

- (a) The full and prompt payment and performance of all obligations, accrued and executory, which Contractor presently or hereafter may have to the Government under the contract; and
- (b) The full and prompt payment and performance by Contractor of all obligations and liabilities of Contractor to the Government, fixed or contingent, due or to become due, direct or indirect, now existing or hereafter and howsoever arising or incurred under the contract, and
- (c) Guarantor further agrees to indemnify the Government against any losses the Government may sustain and expenses it may incur as a result of the enforcement or attempted enforcement by the Government of any of its rights and remedies under the contract, in the event of a default by Contractor hereunder, and/or as a result of the enforcement or attempted enforcement by the Government of any of its rights against Guarantor hereunder.

Guarantor has read and consents to the signing of the contract. Guarantor further agrees that Contractor shall have the full right, without any notice to or consent from Guarantor, to make any and all modifications or amendments to the contract without affecting, impairing, or discharging, in whole or in part, the liability of Guarantor hereunder.

Guarantor hereby expressly waives all defenses which might constitute a legal or equitable discharge of a surety or guarantor, and agrees that this Performance Guarantee Agreement shall be valid and unconditionally binding upon Guarantor regardless of: (i) the reorganization, merger, or consolidation of Contractor into or with another entity, corporate or otherwise, or the liquidation or dissolution of Contractor, or the sale or other disposition of all or substantially all of the capital stock, business or assets of Contractor to any other person or party; or (ii) the institution of any bankruptcy, reorganization, insolvency, debt agreement, or receivership proceedings by or against Contractor, or adjudication of Contractor as a bankrupt; or (iii) the assertion by the Government against the Contractor of any of the Government's rights and remedies provided for under the contract, including any modifications or amendments thereto, or under any other document(s) or instrument(s) executed by Contractor, or existing in the Government's favor in law, equity, or bankruptcy.

Guarantor further agrees that its liability under this Performance Guarantee Agreement shall be continuing, absolute, primary, and direct, and that the Government shall not be required to pursue any right or remedy it may have against Contractor or other Guarantors under the contract, or any modifications or amendments thereto, or any other document(s) or instrument(s) executed by Contractor, or otherwise. Guarantor affirms that the Government shall not be required to first

commence any action or obtain any judgment against Contractor before enforcing this Performance Guarantee Agreement against Guarantor, and that Guarantor will, upon demand, pay the Government any amount, the payment of which is guaranteed hereunder and the payment of which by Contractor is in default under the contract or under any other document(s) or instrument(s) executed by Contractor as aforesaid, and that Guarantor will, upon demand, perform all other obligations of Contractor, the performance of which by Contractor is guaranteed hereunder.

Guarantor agrees to ensure that it shall cause this Performance Guarantee Agreement to be unconditionally binding upon any successor(s) to its interests regardless of:

- (i) The reorganization, merger, or consolidation of Guarantor into or with another entity, corporate or otherwise, or the liquidation or dissolution of Guarantor, or the sale or other disposition of all or substantially all of the capital stock, business, or assets of Guarantor to any other person or party; or
- (ii) The institution of any bankruptcy, reorganization, insolvency, debt agreement, or receivership proceedings by or against Guarantor, or adjudication of Guarantor as a bankrupt.

Guarantor further warrants and represents to the Government that the execution and delivery of this Performance Guarantee Agreement is not in contravention of Guarantor's Articles of Organization, Charter, bylaws, and applicable law; that the execution and delivery of this Performance Guarantee Agreement, and the performance thereof, has been duly authorized by the Guarantor's Board of Directors, Trustees, or any other management board which is required to participate in such decisions; and that the execution, delivery, and performance of this Performance Guarantee Agreement will not result in a breach of, or constitute a default under, any loan agreement, indenture, or contract to which Guarantor is a party or by or under which it is bound.

No express or implied provision, warranty, representation or term of this Performance Guarantee Agreement is intended, or is to be construed, to confer upon any third person(s) any rights or remedies whatsoever, except as expressly provided in this Performance Guarantee Agreement.

[Signature Page Follows]

In witness thereof, Guarantor has caused this Performance Guarantee Agreement to be executed by its duly authorized officer, and its company seal to be affixed hereto on

April 9, 2024

Date

Atkins Nuclear Secured, LLC

Name of Corporation



James E. Rugg, President

Name and Position of Official Executing Performance Guarantee
Agreement on Behalf of Guarantor

I certify that: I am the **Secretary** of the company named as a Guarantor herein; there the officer who signed the Performance Guarantee Agreement on behalf of the Guarantor was then **President** of said company; and that said officer was acting within the scope of his company powers.


Jeffrey M. Kendall, Secretary

April 9, 2024

Date

Attestation Including Application of Seal by an Official of Guarantor
Authorized to Affix Company Seal

(i)(2) Westinghouse Government Services LLC

ATTACHMENT L-1, PERFORMANCE GUARANTEE AGREEMENT

For value received, and in consideration of, and to induce the United States (the Government) to enter into Contract _____ for the **PPPO Operations and Site Mission Support Contract** dated _____, by and between the Government and **Mission Conversion Services Alliance, LLC** (Contractor), the undersigned, **Westinghouse Government Services LLC** (Guarantor), a corporation incorporated in the State of **Delaware** with its principal place of business at **5801 Bluff Road, Hopkins, SC 29061** hereby unconditionally guarantees to the Government:

- (a) The full and prompt payment and performance of all obligations, accrued and executory, which Contractor presently or hereafter may have to the Government under the contract; and
- (b) The full and prompt payment and performance by Contractor of all obligations and liabilities of Contractor to the Government, fixed or contingent, due or to become due, direct or indirect, now existing or hereafter and howsoever arising or incurred under the contract, and
- (c) Guarantor further agrees to indemnify the Government against any losses the Government may sustain and expenses it may incur as a result of the enforcement or attempted enforcement by the Government of any of its rights and remedies under the contract, in the event of a default by Contractor hereunder, and/or as a result of the enforcement or attempted enforcement by the Government of any of its rights against Guarantor hereunder.

Guarantor has read and consents to the signing of the contract. Guarantor further agrees that Contractor shall have the full right, without any notice to or consent from Guarantor, to make any and all modifications or amendments to the contract without affecting, impairing, or discharging, in whole or in part, the liability of Guarantor hereunder.

Guarantor hereby expressly waives all defenses which might constitute a legal or equitable discharge of a surety or guarantor, and agrees that this Performance Guarantee Agreement shall be valid and unconditionally binding upon Guarantor regardless of: (i) the reorganization, merger, or consolidation of Contractor into or with another entity, corporate or otherwise, or the liquidation or dissolution of Contractor, or the sale or other disposition of all or substantially all of the capital stock, business or assets of Contractor to any other person or party; or (ii) the institution of any bankruptcy, reorganization, insolvency, debt agreement, or receivership proceedings by or against Contractor, or adjudication of Contractor as a bankrupt; or (iii) the assertion by the Government against the Contractor of any of the Government's rights and remedies provided for under the contract, including any modifications or amendments thereto, or under any other document(s) or instrument(s) executed by Contractor, or existing in the Government's favor in law, equity, or bankruptcy.

Guarantor further agrees that its liability under this Performance Guarantee Agreement shall be continuing, absolute, primary, and direct, and that the Government shall not be required to pursue any right or remedy it may have against Contractor or other Guarantors under the contract, or any modifications or amendments thereto, or any other document(s) or instrument(s) executed by Contractor, or otherwise. Guarantor affirms that the Government shall not be required to first

commence any action or obtain any judgment against Contractor before enforcing this Performance Guarantee Agreement against Guarantor, and that Guarantor will, upon demand, pay the Government any amount, the payment of which is guaranteed hereunder and the payment of which by Contractor is in default under the contract or under any other document(s) or instrument(s) executed by Contractor as aforesaid, and that Guarantor will, upon demand, perform all other obligations of Contractor, the performance of which by Contractor is guaranteed hereunder.

Guarantor agrees to ensure that it shall cause this Performance Guarantee Agreement to be unconditionally binding upon any successor(s) to its interests regardless of:

- (i) The reorganization, merger, or consolidation of Guarantor into or with another entity, corporate or otherwise, or the liquidation or dissolution of Guarantor, or the sale or other disposition of all or substantially all of the capital stock, business, or assets of Guarantor to any other person or party; or
- (ii) The institution of any bankruptcy, reorganization, insolvency, debt agreement, or receivership proceedings by or against Guarantor, or adjudication of Guarantor as a bankrupt.

Guarantor further warrants and represents to the Government that the execution and delivery of this Performance Guarantee Agreement is not in contravention of Guarantor's Articles of Organization, Charter, bylaws, and applicable law; that the execution and delivery of this Performance Guarantee Agreement, and the performance thereof, has been duly authorized by the Guarantor's Board of Directors, Trustees, or any other management board which is required to participate in such decisions; and that the execution, delivery, and performance of this Performance Guarantee Agreement will not result in a breach of, or constitute a default under, any loan agreement, indenture, or contract to which Guarantor is a party or by or under which it is bound.

No express or implied provision, warranty, representation or term of this Performance Guarantee Agreement is intended, or is to be construed, to confer upon any third person(s) any rights or remedies whatsoever, except as expressly provided in this Performance Guarantee Agreement.

[Signature Page Follows]

In witness thereof, Guarantor has caused this Performance Guarantee Agreement to be executed by its duly authorized officer, and its corporate seal to be affixed hereto on

April 8, 2024
Date

Westinghouse Government Services, LLC

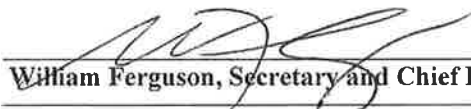
Name of Corporation

Richard Rademacher Digitally signed by Richard Rademacher
Date: 2024.04.08 22:01:40 -04'00'

Richard J. Rademacher, President & Chief Executive Officer

Name and Position of Official Executing Performance Guarantee
Agreement on Behalf of Guarantor

I certify that: I am the **Secretary** of the corporation named as a Guarantor herein; there the officer who signed the Performance Guarantee Agreement on behalf of the Guarantor was then **President** of said corporation; and that said officer was acting within the scope of his corporate powers.


William Ferguson, Secretary and Chief Financial Officer

April 9, 2024
Date

Attestation Including Application of Seal by an Official of Guarantor
Authorized to Affix Corporate Seal



(i)(3) Jacobs Technology Inc.

ATTACHMENT L-1, PERFORMANCE GUARANTEE AGREEMENT

For value received, and in consideration of, and to induce the United States (the Government) to enter into Contract _____ for the **PPPO Operations and Site Mission Support Contract** dated _____, by and between the Government and **Mission Conversion Services Alliance, LLC** (Contractor), the undersigned, **Jacobs Technology Inc.** (Guarantor), a corporation incorporated in the State of **Tennessee** with its principal place of business at **600 William Northern Blvd, Tullahoma, TN 37388** hereby unconditionally guarantees to the Government:

- (a) The full and prompt payment and performance of all obligations, accrued and executory, which Contractor presently or hereafter may have to the Government under the contract; and
- (b) The full and prompt payment and performance by Contractor of all obligations and liabilities of Contractor to the Government, fixed or contingent, due or to become due, direct or indirect, now existing or hereafter and howsoever arising or incurred under the contract, and
- (c) Guarantor further agrees to indemnify the Government against any losses the Government may sustain and expenses it may incur as a result of the enforcement or attempted enforcement by the Government of any of its rights and remedies under the contract, in the event of a default by Contractor hereunder, and/or as a result of the enforcement or attempted enforcement by the Government of any of its rights against Guarantor hereunder.

Guarantor has read and consents to the signing of the contract. Guarantor further agrees that Contractor shall have the full right, without any notice to or consent from Guarantor, to make any and all modifications or amendments to the contract without affecting, impairing, or discharging, in whole or in part, the liability of Guarantor hereunder.

Guarantor hereby expressly waives all defenses which might constitute a legal or equitable discharge of a surety or guarantor, and agrees that this Performance Guarantee Agreement shall be valid and unconditionally binding upon Guarantor regardless of: (i) the reorganization, merger, or consolidation of Contractor into or with another entity, corporate or otherwise, or the liquidation or dissolution of Contractor, or the sale or other disposition of all or substantially all of the capital stock, business or assets of Contractor to any other person or party; or (ii) the institution of any bankruptcy, reorganization, insolvency, debt agreement, or receivership proceedings by or against Contractor, or adjudication of Contractor as a bankrupt; or (iii) the assertion by the Government against the Contractor of any of the Government's rights and remedies provided for under the contract, including any modifications or amendments thereto, or under any other document(s) or instrument(s) executed by Contractor, or existing in the Government's favor in law, equity, or bankruptcy.

Guarantor further agrees that its liability under this Performance Guarantee Agreement shall be continuing, absolute, primary, and direct, and that the Government shall not be required to pursue any right or remedy it may have against Contractor or other Guarantors under the contract, or any modifications or amendments thereto, or any other document(s) or instrument(s) executed by Contractor, or otherwise. Guarantor affirms that the Government shall not be required to first

commence any action or obtain any judgment against Contractor before enforcing this Performance Guarantee Agreement against Guarantor, and that Guarantor will, upon demand, pay the Government any amount, the payment of which is guaranteed hereunder and the payment of which by Contractor is in default under the contract or under any other document(s) or instrument(s) executed by Contractor as aforesaid, and that Guarantor will, upon demand, perform all other obligations of Contractor, the performance of which by Contractor is guaranteed hereunder.

Guarantor agrees to ensure that it shall cause this Performance Guarantee Agreement to be unconditionally binding upon any successor(s) to its interests regardless of:

- (i) The reorganization, merger, or consolidation of Guarantor into or with another entity, corporate or otherwise, or the liquidation or dissolution of Guarantor, or the sale or other disposition of all or substantially all of the capital stock, business, or assets of Guarantor to any other person or party; or
- (ii) The institution of any bankruptcy, reorganization, insolvency, debt agreement, or receivership proceedings by or against Guarantor, or adjudication of Guarantor as a bankrupt.

Guarantor further warrants and represents to the Government that the execution and delivery of this Performance Guarantee Agreement is not in contravention of Guarantor's Articles of Organization, Charter, bylaws, and applicable law; that the execution and delivery of this Performance Guarantee Agreement, and the performance thereof, has been duly authorized by the Guarantor's Board of Directors, Trustees, or any other management board which is required to participate in such decisions; and that the execution, delivery, and performance of this Performance Guarantee Agreement will not result in a breach of, or constitute a default under, any loan agreement, indenture, or contract to which Guarantor is a party or by or under which it is bound.

No express or implied provision, warranty, representation or term of this Performance Guarantee Agreement is intended, or is to be construed, to confer upon any third person(s) any rights or remedies whatsoever, except as expressly provided in this Performance Guarantee Agreement.

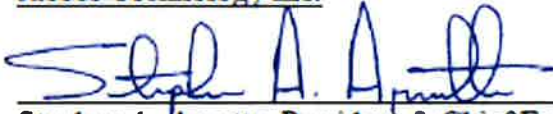
[Signature Page Follows]

In witness thereof, Guarantor has caused this Performance Guarantee Agreement to be executed by its duly authorized officer, and its corporate seal to be affixed hereto on

June 28, 2022

Date

Jacobs Technology Inc.



Stephen A. Arnette, President & Chief Executive Officer
Agreement on Behalf of Guarantor

Vladimir
Shifrin

Digitally signed by Vladimir Shifrin
DN: cn=Vladimir Shifrin, o=JACOBS TECHNOLOGY INC.,
ou=PPPO President & Deputy Guarantor,
c=US
email=vshifrin@jacobs.com
Date: 2022.06.28 09:27:00 -0500

Vladimir Shifrin, Assistant Secretary
Authorized to Affix Corporate Seal



PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS

Attachment J-15

Contractor's Community Commitment Plan

(I) Community Commitment Plan

The Mission Conversion Services Alliance, LLC (MCSA) team members live and work in the areas surrounding the Paducah and Portsmouth sites, and Lexington, Kentucky. A strong economic future is an interest we share equally with our neighbors. MCSA is deeply committed to continuing our team member firms' investment in these diverse communities and their surrounding areas. We are a corporate citizen of these communities, with member firms having served there for more than two decades, fostering economic opportunity and growth, educational support and enhancement, and community sponsorship and partnership.

We will make positive contributions to neighboring communities in the form of project-related economic benefits, local employment and training opportunities, and charitable involvement. Our success hinges on an effective and proactive approach to community engagement. We will continually look for opportunities for local stakeholders to share in our success. Our partnership approach will enable us to create and implement solutions to issues that are important to the affected regions and generate far-reaching benefits that extend to future generations. This includes ensuring that our solutions help communities achieve their social and economic development goals, by delivering on our commitments and adjusting our methods as circumstances dictate.

We will encourage our subcontractors at every level to participate in community activities and join us in programs that benefit the region. We will engage community leaders, regional stakeholders, and businesses in identifying socioeconomic issues and concerns of mutual interest through recognizing and acting upon our core value that giving back to the community is both an honor and our duty. We will actively seek and apply diverse input from the affected regions' stakeholders to ensure focus on our commitment across a wide spectrum of activities. We will identify, communicate, and support underrepresented initiatives to create balanced support.

Our member companies are already active members in some or all of the local communities, with decades of continuous participation in local and civic events. We will continue our support to educational outreach and community initiatives, particularly in promoting science, technology, engineering, and mathematics (STEM) initiatives. Our renewed dedication and commitment will continue to create positive change within the communities and the workforces we serve as we maintain and strengthen bonds that already exist and work to create new ones. In addition, we expect our senior leaders to be active forces for good in our host communities, and we support and encourage our employees as they participate in local groups and activities such as science fairs, school reading programs, meal delivery programs, and youth sports teams.

To help ensure the success and sustainability of our Community Commitment Plan (CCP), MCSA will establish a community advisory council (Council) within the first 3 months of the contract to assist in determining the most beneficial application of our community commitment funds. The Council will comprise a select group of community leaders, local businesses, regional educators, and MCSA leaders who will provide counsel on fund disbursements. MCSA will provide LLC

Beyond Expectations

MCSA's pledge below builds on our collective long-standing traditions of stewardship in and around the PORTS and PAD site communities, and in Lexington, Kentucky. We will build on our members' past community involvement successes at these sites and will work with DOE to bring about new, sustainable initiatives for a better tomorrow. Over the life of the contract, MCSA commits to:

- ▶ In-Kind and Charitable Giving: **\$5,500,000**
- ▶ Workforce Development/University Involvement/Scholarships: **\$2,000,000**
- ▶ Includes Company-Supported Volunteerism at No Cost to DOE:
 - **10,000 hours** from all employees
 - **6,000 hours** from Key Personnel

The total estimated value of our commitment over the life of the contract is \$7.5M and 16,000 volunteer hours.

member resources to assist in the formation of the Council and support its operation. Our time, energy, and funding will be applied to specifically designated areas to optimize the economic sustainability and growth in the regions in which we work.

Commitment. Throughout the potential 10-year performance period of our contract, MCSA commits to an investment of \$7.5 million in monetary and in-kind contributions to support activities identified in the Community Commitment Plan. In addition to financial contributions, the MCSA team will donate their time and expertise in benefiting initiatives and individuals within our community. We will update our Community Commitment Plan on an annual basis and report on our progress semi-annually.

Subcontractors. We will encourage our subcontractors, at every tier, to make meaningful contributions by donating time or funds to support activities in the community. We will stress the importance of STEM programs and invite them to work with us in supporting charitable causes.

(I)(1) MCSA's Community Commitment Tenets

MCSA commits to:

- Continually seek to understand the communities we serve and identify physical and economic asset opportunities to contribute to the strength of our community
- Closely coordinate our outreach initiatives with community members, decision-makers, leaders, and persons of influence
- Maintain partnerships with our stakeholders that are mutually beneficial
- Jointly set outreach objectives with our stakeholders and engage our workforce
- Gather information on consumer services available within the community, and leverage them to support outreach activities
- Continue to build trust and understanding of the community's strengths and weaknesses so that we may better serve
- Maintain open and consistent dialogue with stakeholders.

Our approach to Community Engagement focuses on the following guiding principles

- ▶ Collaboration with a shared purpose
- ▶ Inclusion that focuses on demographic diversity
- ▶ Openness and learning
- ▶ Strategic planning and preparation
- ▶ Transparency and trust
- ▶ Impact through actions and authenticity
- ▶ Sustained engagement and participatory culture

(I)(2) Educational Outreach Partnerships/Initiatives and Workforce Development

Educational outreach is the key to the workforce of the future and it is key in the sustained growth and stability of the U.S. economy, our workforce, and DOE's continued commitment to education. We will create and implement a successful educational outreach program by developing a robust understanding of community needs and status of ongoing community support. We will identify specific reading and STEM education programs to support.

We will forge relationships with educational organizations at all levels, and support programs through (1) management participation, (2) employee participation, and (3) contributions. We will



Employees of Atkins-led Mid-America Conversion Services, LLC (MCS), through Project United's Annual Community-wide day of service, completed projects for non-profit agencies by painting, rebuilding, and landscaping homes.

encourage our workforce to volunteer in these programs and highlight successful partnerships between employees and educational initiatives.

We understand that our workforce is nearing retirement age and we will soon see a significant demographic effect. This poses problems for both DOE and MCSA. For example:

- The population of younger workers with the necessary education and skills to replace the current generation will not be sufficient if we do not act.
- The STEM field is not producing enough graduates to fill the gap.
- The culture of the new generation in the workplace is different than what we are used to, as the younger generation typically transitions jobs more often.
- The pandemic has, at least in the near-term, accelerated the labor gap; not enough workers are there to replace those lost, and those who have planned retirement are accelerating their departure.
- Workers who are retiring are taking their years of experience and knowledge with them.

To address these challenges head-on, MCSA embraces the need to be proactive and commits to the following educational institution partnerships and workforce development initiatives.

(I)(2)(i) Nuclear/Electromechanical Engineering Laboratory

There is an immediate need to recruit engineers—especially in the Portsmouth area. To address part of this need, MCSA has signed a Memorandum of Understanding with Portsmouth-area university Shawnee State to establish a Nuclear/Electromechanical Engineering Laboratory within the contract's base period. This contribution will make possible the evolution of an advanced manufacturing laboratory to support development of engineering programs. In our preliminary discussions with Shawnee State, we understand that this investment will enable them to progress their efforts to offer a 4-year degree program.

Shawnee State is located close to the PORTS site, and students from the area typically stay in the local area. This significant investment in the future of the next generation of workers from the Portsmouth area is directed at addressing future needs at the site, but it will also serve to provide opportunities for those who choose to pursue their futures outside the DOE family. Regardless of the ultimate path chosen by program participants, our design is intended to leave a lasting legacy for future generations of Portsmouth-area residents.

(I)(2)(ii) Scholarship Endowments

This contribution will create both immediate and perpetual scholarship funds to support the acquisition and retention of high-potential students studying engineering technology and occupational safety & health disciplines, as well as any other identified disciplines needed to develop the site workforce of the future. These initiatives will be divided between Paducah-, Portsmouth-, and Lexington-area higher-education institutions.

(I)(2)(iii) Union Support at Both Sites

MCSA will continue to support the United Steel Workers (USW) apprenticeship program that is already in place for radiological control technicians. As we move forward in the contract, we will expand our support to encompass other craft positions or disciplines as opportunities present themselves (e.g., operators, and maintenance and mechanical technicians), which will support recruitment, development of essential skills in the trades, and ultimately benefit the future of the sites, thus benefiting both the DOE mission and the local and regional economies.

(I)(2)(iv) Other Outreach Actions

MCSA commits to the following educational outreach actions to increase reading and STEM programs with our educational partners:

- Augment established programs, analyzing their effectiveness and identifying needs for additional support, and creating tailored programs targeting the areas of greatest need
- Increase employee awareness and participation through communication, highlighting successes and identifying opportunities through various media
- Showcase special opportunities such as Engineering Day, Earth Day, STEM mentor/ mentee programs, Women in Engineering, Fire Prevention Week, job shadowing, and Salvation Army Back to School events
- Continue to raise awareness in our youth that some of the fastest-growing, best-paying careers in Kentucky and Ohio require STEM education, and opportunities in those fields are abundant
- Enhance teacher effectiveness with participation in the classroom, guest STEM classroom programs, equipment loans, and information packets
- Support students through scholarships, tutoring, and mentoring
- Enhance STEM curriculum with out-of-classroom science events, virtual educational opportunities, educational packets, and information about STEM careers
- Partner with local K-12 school systems to support reading and STEM programs
- Offer internships and job-ready opportunities to inspire careers in STEM
- Collaborate with colleges and universities for talent acquisition, research and development, and new technologies
- Provide higher education assistance to our workforce, encouraging new skills-aligned managerial and technical roles
- Provide training to high-potential workers within our organization who have potential to fill enhanced roles, including managerial training as appropriate
- Seek out and use an apprenticeship model to fill our workforce pipeline with diverse, productive, and highly skilled workers
- Strengthen relationships with local libraries, museums, Girl Scouts, United Way, and educational programs within the area



In response to the December 2021 natural disaster in western Kentucky, Jacobs-led Four Rivers Nuclear Partnership, LLC (FRNP) donated \$100,000 to tornado recovery to support the local community.

In addition to the previously identified partnership actions with Shawnee State, MCSA will actively seek other partnerships with the University of Kentucky, Murray State, Ohio University, and Western Kentucky Community and Technical College for talent acquisition, internships, research and development, and new technologies.

(I)(3) Regional Purchasing

MCSA is committed to regional purchasing and using suppliers, vendors, and subcontractors that employ local workers. We will actively seek opportunities to establish alliances and relationships with qualified regional businesses. As part of our socioeconomic outreach, we will seek out businesses that either have skills, capabilities, and interest in supporting the contract or have the potential and desire to develop those attributes. We will establish programs to mentor, train, and offer other information on how to do business with MCSA and to comply with contracting requirements as a bridge to entering into, and succeeding in, the federal marketplace. These programs will include critical information on how to compete effectively for subcontracts and purchase orders and how to develop business systems—such as quality management, timekeeping, accounting, budget, payroll, and property management—to enable long-term partnerships.

Our outreach efforts will include collaboration with local chambers of commerce, participation in local business fairs, regional small business activities, use of government and private databases, partnership with the DOE Supply Chain Management Center, and access to corporate purchasing databases. We will provide information on our purchasing needs and ensure that we openly communicate with local suppliers. The close proximity of a subcontractor provides several advantages – enhanced response time, reduced transportation costs, easy communication – and for these reasons we encourage local business to respond to requests for goods, services, and supplies.

MCSA will take the following actions to identify and work with regional alliances and businesses with a focus on STEM businesses:

- Collaborate with industry partners to identify local STEM businesses
- Access local community resources to identify qualified and potentially qualified businesses
- Conduct yearly supplier opportunity fairs to give local and small businesses an opportunity to showcase their goods and services
- Create ongoing training events for businesses interested in supplying services to better respond to MCSA requests for quotation/proposal
- Openly communicate MCSA business opportunities and, as necessary, hold virtual meetings to highlight upcoming procurements
- Encourage the formation of regional trade associations
- Promote socioeconomic outreach as identified in our Small Business Subcontracting Plan.

(I)(4) Community Commitment

We are committed to the communities in which we work. As citizens of our host communities, we will donate time, financial assistance, and other resources toward improving the lives of those who live and work in these areas.

Through collaboration with our workforce and community and civic organizations, we will identify local charities, organizations, and campaigns where our support can make a difference. We have committed to donating 16,000 hours of in-kind service from MCSA employees over the life of the potential 10-year contract. Our ultimate goal is to leave our host communities in much better condition when our work is done.



To help strengthen the local workforce of tomorrow, employees visited with over 800 area 8th-grade students at a career exploration expo, providing exposure to local career options the students may not have been aware of.

The following are key actions for consideration for charitable support from our organization.

- Support United Way campaigns and other fundraising events
- Collaborate with employees and civic/community leaders to identify community needs
- Support local organizations and food banks that aid in the fight against hunger
- Provide opportunities for employees to have paid time off to volunteer in the community
- Offer payroll deduction for employees to donate to their charity of choice
- Host local blood drives
- Continue to support local charities such as, Cassidy's Cause, Kare for Kids, Marcella's Kitchen, Paducah Cooperative Ministry, Another Change Ministries, Paducah Lions Club Telethon of Stars, Starfish Orphanage, Toys for Tots, United Way of Paducah, New Beginnings Outreach Ministries, Lucasville Little League Baseball, Make-A-Wish Kentucky, Indiana, and Ohio, County Fair 4-H Ohio, Future Farmers of America-Ohio, local high school scholarships, Russellville High School Archery, Warriors4Christ Recovery Services, The Recovery Council-Waverly and Chillicothe, Chillicothe Treatment Services, Steven Hunter Foundation, and DOE's Feds Feed Families.



Employees help with a neighborhood cleanup project during the United Way's Project United service event.

(I)(5) Summary

MCSA is committed to being a true partner to our host communities. Our goal is to create an environment where we can successfully deliver on our obligations to our DOE customer and at the same time be a substantial contributor to the long term social and economic health of those host communities. We embrace the opportunity to be driving force for good in the lives of those who work at our sites and live in our communities, through educational outreach, regional purchasing and economic development, support to local and regional businesses that helps grow their businesses into the future, and community commitment and support by investing our time, our energy, and our financial support.

**PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER
ATTACHMENTS**

SECTION J – LIST OF ATTACHMENTS

Attachment J-16

GSA Leased Vehicles

DUF6 FY2022 GSA Inventory Report

Class-Tag	VIN	Vehicle Type	Vehicle Color	Make (Manf Name)	Model Name	Model Year	Date Assigned	Previous Class & Tag
G41-0461U	2GNALBEK8H1579585	LD SUV 4x2	Dark Blue	CHEVROLET	EQUINOX	2017	4/4/2017	G10-0503P
G41-0869S	1GCGSBEA0G1224007	LD Pickup 4x2	Med Red	CHEVROLET	COLORADOCC	2016	3/2/2017	G41-1543H
G41-3010V	1GCGSBEAX11249178	LD Pickup 4x2	Dark Gray	CHEVROLET	COLORADOCC	2018	6/4/2019	G41-1336K
G41-4255W	NM0GE9E29L1445721	LD Minivan 4x2 (Passenger)	Med Blue	FORD	TRANSCON	2020	11/22/2019	G41-1165M
G41-4543W	NM0GE9E20L1445722	LD Minivan 4x2 (Passenger)	Med Maroon/Burgundy	FORD	TRANSCON	2020	12/30/2019	G41-1220M
G42-0543W	3C6RR6KG5LG209414	LD Pickup 4x2	Med Blue	RAM	1500	2020	8/25/2020	G43-0303M
G42-2477W	3C6RR6KG4LG253551	LD Pickup 4x2	Med Silver	RAM	1500	2020	12/1/2020	G43-0305M
G43-0499V	1GB4CYCG5JF281554	Md Other	Lt White	CHEVROLET	C3500	2018	8/14/2018	G43-0308K
G43-4849X	1GCZGTCA5C1197089	MD Van (Cargo)	Lt White	CHEVROLET	G3500	2012	5/20/2021	G42-2096B
G63-0168W	1F77X2B64KEF04323	MD Pickup	Dark Blue	FORD	F250	2019	5/10/2019	G63-1042L
G71-0308Y	1FDTF4GY1CEC73160	MD Other	Dark Gray	FORD	F450	2012	5/20/2021	G71-01233
G13-4565S	1FADP3F27GL341059	Sedan/St Wgn Subcompact	Dark White	FORD	FOCUS	2016	7/21/2016	
G41-3011V	1GCGSBEA1J1247562	LD Pickup 4x2	Lt Silver	CHEVROLET	COLORADOCC	2018	4/16/2018	G41-1335K
G41-3012V	1GCGSBEA2J1248557	LD Pickup 4x2	Dark Gray	CHEVROLET	COLORADOCC	2018	4/16/2018	G62-1065K
G41-3013V	1GCGSBEA6J1248402	LD Pickup 4x2	Lt White	CHEVROLET	COLORADOCC	2018	4/16/2018	G42-0738K
G41-3399X	3GKALMEV0LL328988	LD SUV 4x2	Med Blue-Green Turquoise	GMC	TERRAIN	2020	10/1/2020	G41-1120N
G41-3527P	2C4RDBG7ER354416	LD Minivan 4x2 (Passenger)	Lt White	DODGE	GRCARAVAN	2014	4/18/2014	G41-2859G
G41-4902X	1GCGSBEA9M1166538	LD Pickup 4x2	Med Blue	CHEVROLET	COLORADOCC	2021	1/4/2021	G43-1446M
G43-2991U	1GC1CUEG3HF216734	MD Pickup	Lt White	CHEVROLET	C2500HD	2017	10/31/2018	

PORTS Utilities, EM, PF GSA VEHICLES to OSMS

TAG#	VIN	TYPE	COLOR	MAKE	MODEL	YEAR	DATE ASSIGNED	PREV TAG
G10-0153W	1G1ZC5STXLF000567	Sedan/St Wgn Compact	LtWhite	CHEVROLET	MALIBU	2020	07/09/19	G13-0689M
G10-0154W	1G1ZC5ST6LF000114	Sedan/St Wgn Compact	Silver	CHEVROLET	MALIBU	2020	07/10/19	G13-0690M
G13-2920V	KMHCB65LC6LU219679	Sedan/St Wgn Subcompact	White	HYUNDAI	IONIQHEV	2020	08/11/20	G13-3786P
G31-0042W (0182M)	1FDUF4GT2GEC76003	AMBULANCE HD	LtWhite	FORD	F450AMB	2016	06/29/16	G42-1503F
G31-0050W (0183M)	1FDUF4GT0GEC76002	AMBULANCE HD	LtWhite	FORD	F450AMB	2016	06/29/16	G61-1419D
G31-0067P	1FDUF4GT0FEA83752	AMBULANCE	Dark White	FORD	F450AMB	2015	02/10/22	G31-00450
G32-0159W	1FDAF4GT2KEF66592	MD Bus	White	FORD STARCRAFT	ALL STAR	2019	10/16/19	G63-1068L
G32-0160W	1FDAF4GT0KEF66591	MD Bus	White	FORD STARCRAFT	ALL STAR	2019	12/19/19	G63-1705M
G41-3630Y	2C4RC1R7XMR602713	LD Minivan 4x2 (Passenger)	Med Gray	CHRYSLER	PACIFICA-P	2021	12/15/21	G41-5194P
G41-3631Y	2C4RC1R73MR588234	LD Minivan 4x2 (Passenger)	Med Red	CHRYSLER	PACIFICA-P	2021	12/15/21	G41-5193P
G42-1081S	3GCPCNEC5GG275777	MD Other	Silver	CHEVROLET	C1500SSV	2016	04/13/16	G42-2517F
G42-1082S	3GCPCNEC0GG275363	MD Other	Red	CHEVROLET	C1500SSV	2016	04/20/16	G42-2711H
G42-2322P	1FTMF1CM9EKE93161	LD Pickup 4x2	DkGray	FORD	F150	2014	12/01/17	
G42-2706X (0210M)	1GNSCAEC1FR654199	LD SUV 4x2	LtGold	CHEVROLET	TAHOE	2015	05/07/15	G42-0060F
G42-2709X (2107M)	1FTMF1CM1DKE89703	LD Pickup 4x2	White	FORD	F150	2013	05/20/13	G42-2083B
G43-0504V	1FBZX2ZM4JKB52782	MD Van (Passenger)	DkBlack	FORD	TRANSIT350	2018	09/17/18	G43-4169U
G61-0889X	1FMCU9F65LUB81378	LD SUV 4x4	Blue	FORD	ESCAPE	2020	08/11/20	G42-2271V
G61-1665S	2GNFLEEK0H6315724	LD SUV 4x4	Blue	CHEVROLET	EQUAWD	2017	03/17/17	G10-4484L
G61-2161Y	2GNAXSEV7M6161286	LD SUV 4x4	MedSilver	CHEVROLET	EQUAWD	2021	08/09/21	G62-2038Y
G61-2253X (0864W)	3C4NJDAB3MT508837	LD SUV 4x4	Maroon	JEEP	COMPASS	2021	09/22/20	G62-0447M
G61-2725U	1C4PJMCB9KD440326	LD SUV 4x4	Maroon	JEEP	CHEROKEE	2019	04/23/19	G61-0828L
G62-0001X	1FTEW1E54LKE81460	LD Pickup 4x4	Med Blue	FORD	F150	2020	08/31/20	G41-1226M
G62-0016W	1FTEW1E5XJKE53076	LD Pickup 4x4	LtWhite	FORD	F150SSV	2018	04/23/19	G62-5894U
G62-0020W	1FTEW1E58JKE53075	LD Pickup 4x4	LtWhite	FORD	F150SSV	2018	05/01/19	G62-3725P
G62-0021W	1FTEX1E58KKD38152	LD Pickup 4x4	LtBlue	FORD	F150	2019	05/01/19	G43-1599M
G62-0022W	1FTEX1E56KKD38151	LD Pickup 4x4	LtWhite	FORD	F150	2019	05/01/19	G62-1908M
G62-0024W	1FTMF1EB8KKD38124	LD Pickup 4x4	Silver	FORD	F150	2019	05/10/19	G63-0102W
G62-0953U	1GNSKEEC0JR129525	LD SUV 4x4	LtWhite	CHEVROLET	TAHOE	2018	10/13/17	
G62-2765P	1FTMF1EM2EKE26804	LD Pickup 4x4	DkBlue	FORD	F150	2014	07/08/14	G62-4053K
G62-3407X	1FTEX1EB3LKF21529	LD Pickup 4x4	Med Red	FORD	F150	2020	09/28/20	G43-1603M
G62-3412X	1FTEX1EBXLFK21530	LD Pickup 4x4	Med White	FORD	F150	2020	09/21/20	G43-2506M
G62-3428X	1C4RDJFG1LC345594	LD SUV 4x4	White	DODGE	DURANGOSSV	2020	12/08/20	G13-3781P
G62-3429X	1C4RDJFGXLC345593	LD SUV 4x4	White	DODGE	DURANGOSSV	2020	12/08/20	G41-0838V

PORTS Utilities, EM, PF GSA VEHICLES to OSMS

TAG#	VIN	TYPE	COLOR	MAKE	MODEL	YEAR	DATE ASSIGNED	PREV TAG
G62-3430X	1C4RDJFG6LC345591	LD SUV 4x4	White	DODGE	DURANGOSSV	2020	12/08/20	G42-0213M
G62-3431X	1C4RDJFG9LC342281	LD SUV 4x4	White	DODGE	DURANGOSSV	2020	12/08/20	G43-1598M
G62-3432X	1C4RDJFG8LC345592	LD SUV 4x4	White	DODGE	DURANGOSSV	2020	01/14/21	G62-0502S
G62-3433X	1FTEW1E59KF11651	LD Pickup 4x4	Red	FORD	F150SSV	2020	06/04/21	G62-0501S
G62-3724P	1FTEX1EM2EKE59819	LD Pickup 4x4	Red	FORD	F150	2014	07/14/14	G42-2395N
G62-5905U	1FTEW1EBXJKE38423	LD Pickup 4x4	LiSilver	FORD	F150	2018	05/17/18	G43-0291K
G62-6835W	1FTEW1E58LKE81462	LD Pickup 4x4	Red	FORD	F150	2020	08/19/20	G42-2270V
G62-6840W	1FTEW1E56LKE81461	LD Pickup 4x4	Blue	FORD	F150	2020	08/21/20	G43-0308M
G63-0030X	1FD8X3F65LED99292	MD Other	Med Blue	FORD	F350	2020	01/14/21	G43-0483M
G63-0031X	1FDBF2B64LED79608	MD Other	Med Gray	FORD	F250	2020	01/14/21	G43-0484M
G63-0136W	1FTBF2B69KEE92537	MD Pickup	Gray	FORD	F250	2019	05/01/19	G61-0830L

PPPO OPERATIONS AND SITE MISSION SUPPORT (OSMS)
CONTRACT NO. 89303325DEM000122

SECTION J
ATTACHMENT J-16

PAD Utilities, EM, PF GSA VEHICLES AS OF 2/7/22 to OSMS

Asset No.	Year	Make	Model	Type
G31-0184V	2018	Ford	F450 Ambulance	AMB: AMBULANCE
G41-3824V	2018	Dodge	Journey	SUV: SPORT UTILITY VEHICLE
G62-2910W	2019	RAM	1500	LT4: LIGHT DUTY TRUCK 4WD ($<8,500$ LBS)
G62-4323V	2018	Ford	Explorer	SUV: SPORT UTILITY VEHICLE
G63-0450S	2016	Ford	F350	MDCCT4: MEDIUM DUTY CREW CAB TRUCK 4WD (8,500-16,000 LBS)
G63-2035V	2018	RAM	3500	CCT4: CREW CAB TRUCK 4WD
G41-2581S	2016	GMC	Terrain	SUV: SPORT UTILITY VEHICLE
G42-1278S	2016	Chevrolet	Suburban	SUV: SPORT UTILITY VEHICLE
G41-3441X	2020	Ford	Escape	SUV: SPORT UTILITY VEHICLE
G43-1586S	2016	Chevrolet	G2300	MDV: MEDIUM DUTY PASSENGER VAN (8,500- 16,000 LBS)
G62-3061X	2020	Ford	Explorer PIU	SUV: SPORT UTILITY VEHICLE
G41-3395X	2020	GMC	Terrain	SUV: SPORT UTILITY VEHICLE
G61-1147S	2016	Dodge	Durango	SUV4: SPORT UTILITY VEHICLE 4WD
G42-2351P	2014	Ford	F150	LT: LIGHT DUTY TRUCK ($<8,500$ LBS)
G42-2581P	2014	Ford	F150	EXT: EXTENDED CAB TRUCK
G62-3057X	2020	Ford	Explorer PIU	SUV: SPORT UTILITY VEHICLE
G62-3058X	2020	Ford	Explorer PIU	SUV: SPORT UTILITY VEHICLE
G62-3059X	2020	Ford	Explorer PIU	SUV4: SPORT UTILITY VEHICLE 4WD
G62-3060X	2020	Ford	Explorer PIU	SUV4: SPORT UTILITY VEHICLE 4WD
G62-4297P	2014	Ford	F150	EXT4: EXTENDED CAB TRUCK 4WD
G62-4317P	2014	Ford	F150	LT4: LIGHT DUTY TRUCK 4WD ($<8,500$ LBS)
G62-4319P	2014	Ford	F150	LT4: LIGHT DUTY TRUCK 4WD ($<8,500$ LBS)
G62-4321V	2018	Ford	Explorer PIU	SUV: SPORT UTILITY VEHICLE
G62-4322V	2018	Ford	Explorer PIU	SUV: SPORT UTILITY VEHICLE
G62-4323P	2014	Ford	F150	LT4: LIGHT DUTY TRUCK 4WD ($<8,500$ LBS)
G62-4969P	2015	Ford	Explorer	SUV4: SPORT UTILITY VEHICLE 4WD
G62-4316P	2014	Ford	F150	LT4: LIGHT DUTY TRUCK 4WD ($<8,500$ LBS)
G41-2873S	2016	Dodge	Caravan	SV: SMALL VAN (7 PASS)
G42-2333P	2014	Ford	F150	LT: LIGHT DUTY TRUCK ($<8,500$ LBS)
G42-2334P	2014	Ford	F150	LT: LIGHT DUTY TRUCK ($<8,500$ LBS)
G42-2335P	2014	Ford	F150	LT: LIGHT DUTY TRUCK ($<8,500$ LBS)
G42-2337P	2014	Ford	F150	LT: LIGHT DUTY TRUCK ($<8,500$ LBS)
G42-2339P	2014	Ford	F150	LT: LIGHT DUTY TRUCK ($<8,500$ LBS)
G42-2340P	2014	Ford	F150	LT: LIGHT DUTY TRUCK ($<8,500$ LBS)
G42-2365P	2014	Ford	F150	LT: LIGHT DUTY TRUCK ($<8,500$ LBS)
G62-3180X	2020	Ford	F150	LT4: LIGHT DUTY TRUCK 4WD ($<8,500$ LBS)
G62-4308P	2014	Ford	F150	LT4: LIGHT DUTY TRUCK 4WD ($<8,500$ LBS)
G62-4315P	2014	Ford	F150	LT4: LIGHT DUTY TRUCK 4WD ($<8,500$ LBS)
G62-4321P	2014	Ford	F150	LT4: LIGHT DUTY TRUCK 4WD ($<8,500$ LBS)