

SAMPLE COLLECTION LOG TRAVELLER

EVENT #

2488

DATE	REVIEWER	COMMENTS
12/123/03	S M	no x1/1 rest checked
2/10/10	S. MATHUR	completed

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7580

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/17/2009		MEDIA:	QBT3		Allh
TIME COLLECTED (HH:MM)		1056		SUB-MEDIA:	TUFF1		NA
PRS ID:	C-12-002		OK	SAMPLE TECH CODE:	HA		OK
LOCATION ID:	12-610629		↓	FIELD QC TYPE:	NA		↓
LOCATION TYPE:	GENERIC		↓	FIELD PREP:	NA		↓
TOP DEPTH:	0		0.0	SAMPLE USAGE:	INV		↓
BOTTOM DEPTH:	0	12/17/09	0.5	SCREEN/PORT DESC:	NA		
FIELD MATRIX:	R		S	EXCAVATED: YES/NO/NA			
COMPOSITE TYPE:	NA			COMPOSITE TIME INTERVAL:	NA		
BOREHOLE: YES/NO/NA				BOREHOLE DECLINATION:	NA		
				BOREHOLE DIRECTION:	NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1	↓	AM241+GS+ISO PU+ISOU	1 LITER POLY 72m 12/17/09	None	Y	
1	↓	Met+U+CLO4+C N	1 GAL POLY 1L	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

medium brown sandy silt, some organics, slightly moist

SAMPLE COMMENTS:

NA

LOCATION DESC:

2-1, west side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 38$ dpm
 $\text{BY} \leq 1969$ dpm

PID $\frac{\text{ambient}}{\text{reading}} = \frac{0.0}{0.0}$ ppm

HE negative

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT)

Lorey A. Lopez

RELINQUISHED BY (Printed Name) TL McFarland (Signature) Tray McFarland	Date/Time 12/17/09 1550	RECEIVED BY (Printed Name) Sherri Sherwood (Signature) Sherri Sherwood	Date/Time 12/17/09 1550
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7581

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/17/2009		MEDIA: QBT3		Allh	
TIME COLLECTED (HH:MM)		1106		SUB-MEDIA: TUFF 1		NA	
PRS ID: C-12-002		ok		SAMPLE TECH CODE: HA		ok	
LOCATION ID: 12-610629		↓		FIELD QC TYPE: NA		↓	
LOCATION TYPE: GENERIC		↓		FIELD PREP: NA		↓	
TOP DEPTH: 0		2.0		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH: 0		2.75		SCREEN/PORT DESC: NA			
FIELD MATRIX: R		S		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1		8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY 73m 12/17/09	None	Y	
1		Met+U+CLO4+C N	1 GAL POLY LL	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: 50% brown silty sandy, slightly moist and 50% gray dry tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 2-1

FIELD SCREENING/MEASUREMENT RESULTS:

α < 49 dpm PID ambient 0.0
Bg < 2280 dpm reading 0.0 ppm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Lorey A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy	Date/Time 12/17/09 1550	RECEIVED BY (Printed Name) Sherri Sherwood (Signature) Sherri Sherwood	Date/Time 12/17/09 1550
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7582

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/17/2009	MEDIA:		OBT3
TIME COLLECTED (HH:MM)		1153	SUB-MEDIA:		TUFF 1
PRS ID:	C-12-002	OK	SAMPLE TECH CODE:		HA
LOCATION ID:	12-610630	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	0	0.0	SAMPLE USAGE:		INV
BOTTOM DEPTH:	0	0.75	SCREEN/PORT DESC:		NA
FIELD MATRIX:	R	5	EXCAVATED: YES/NO/NA		NA
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA		NO
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA		NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 73m 12/17/09	None	Y	
1	↓	Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	Y	
1	↓	NMED Explosives list	250 ML AMBER GLASS	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Brown sandy silt, dry

SAMPLE COMMENTS:

none

LOCATION DESC:

2-2, north side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

α ± 22 dpm

β ± 1983 dpm

 PID $\frac{\text{ambient reading}}{0.0}$ ppm
 HE negative

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT)

Lacey A. Lopez

RELINQUISHED BY (Printed Name) TLMcfarland (Signature) <i>Th McFarland</i>	Date/Time 12/17/09 1550	RECEIVED BY (Printed Name) Sherri Sherwood (Signature) <i>Sherri Sherwood</i>	Date/Time 12/17/09 1550
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7583

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/17/2009		MEDIA: QBT3		Allh	
TIME COLLECTED (HH:MM)		1210		SUB-MEDIA: TUFF 1		NA	
PRS ID: C-12-002		ok		SAMPLE TECH CODE: HA		ok	
LOCATION ID: 12-610630		↓		FIELD QC TYPE: NA		↓	
LOCATION TYPE: GENERIC		↓		FIELD PREP: NA		↓	
TOP DEPTH: 0		2.0		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH: 0		3.0		SCREEN/PORT DESC: NA			
FIELD MATRIX: R		S		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	AM241+GS+ISO PU+ISOU	1 LITER POLY 73m 12/17/09	None	Y	
1	↓	Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	Y	
1	↓	NMED Explosives list	250 ML AMBER GLASS	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: Light brown sandy silt

SAMPLE COMMENTS: NA

LOCATION DESC: 2-2

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 49$ dpm PID ambient reading $\frac{0.0}{0.0}$ ppm
 $BY \leq 2080$ dpm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 12/17/09 1550	RECEIVED BY (Printed Name) Sherri Sherwood (Signature) <i>Sherri Sherwood</i>	Date/Time 12/17/09 1550
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7584

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/17/2009		MEDIA:		OBT3	
TIME COLLECTED (HH:MM)		1330		SUB-MEDIA:		TUFF 1	
PRS ID:	C-12-002	ok		SAMPLE TECH CODE:		HA	
LOCATION ID:	12-610631	ok		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	ok		FIELD PREP:		NA	
TOP DEPTH:	0	0.0		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	0.5		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	S		EXCAVATED: YES <input checked="" type="checkbox"/> / NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="checkbox"/> / NA			
BOREHOLE: YES <input checked="" type="checkbox"/> / NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY Tam 12/17/09	None	Y	
1		Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	Y	
1		NMED Explosives list	250 ML AMBER GLASS	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Brown sandy silt, slightly moist, some rocks and roots

SAMPLE COMMENTS:

NA

LOCATION DESC:

2-3 south side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 33$ dpm
 $\beta \leq 1942$ dpm
 PID $\frac{\text{ambient reading}}{0.0} = \frac{0.0}{0.0}$ ppm
 HE negative

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) TL McFarland (Signature) Tracy	Date/Time 12/17/09 1550	RECEIVED BY (Printed Name) Sherri Sherwood (Signature) Sherri Sherwood	Date/Time 12/17/09 1550
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7585

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/17/2009	MEDIA:		QBT3
TIME COLLECTED(HH:MM)		1350	SUB-MEDIA:		TUFF 1
PRS ID:	C-12-002	ok	SAMPLE TECH CODE:		HA
LOCATION ID:	12-610631	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	0	2.0	SAMPLE USAGE:		INV
BOTTOM DEPTH:	0	3.0	SCREEN/PORT DESC:		NA
FIELD MATRIX:	R	ok	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA		
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 12m 12/17/09	None	y	
1	↓	Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	y	
1	↓	NMED Explosives list	250 ML AMBER GLASS	Ice	y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	y	

SAMPLE DESC:

Gray, tuff and weathered tuff, dry

SAMPLE COMMENTS: None

LOCATION DESC:

2-3

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 49$ dpm PID ambient reading $\frac{0.0}{0.0}$ ppm
 $\text{BY} \leq 2120$ dpm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 12/17/09 1550	RECEIVED BY (Printed Name) Sherri Sherwood (Signature) <i>Sherri Sherwood</i>	Date/Time 12/17/09 1350
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7586

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/17/2009	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		1400	SUB-MEDIA:		TUFF 1
PRS ID:	C-12-002	ok	SAMPLE TECH CODE:		HA
LOCATION ID:	12-610632	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	0	0.0	SAMPLE USAGE:		INV
BOTTOM DEPTH:	0	0.75	SCREEN/PORT DESC:		NA
FIELD MATRIX:	R	S	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA		
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1		AM241+GS+ISO PU+ISOU	1 LITER POLY <i>72m 12/17/09</i>	None	Y	
1		Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	Y	
1		NMED Explosives list	250 ML AMBER GLASS	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Brown sandy silt, slightly damp, some rocks, few roots
and organics

SAMPLE COMMENTS:

NA

LOCATION DESC:

2-4 west side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 22 \text{ dpm}$ PID *ambient* $\frac{0.0}{0.0} \text{ ppm}$
 $\text{BY} \leq 2230 \text{ dpm}$ HE negative

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 12/17/09 1550	RECEIVED BY (Printed Name) Sherri Sherwood (Signature) <i>Sherri Sherwood</i>	Date/Time 12/17/09 1550
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7587

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/17/2009		MEDIA:		QBT3	
TIME COLLECTED(HH:MM)		1414		SUB-MEDIA:		TUFF 1	
PRS ID: C-12-002		ok		SAMPLE TECH CODE:		HA	
LOCATION ID: 12-610632		↓		FIELD QC TYPE:		NA	
LOCATION TYPE: GENERIC		↓		FIELD PREP:		NA	
TOP DEPTH: 0		2.0		SAMPLE USAGE:		INV	
BOTTOM DEPTH: 0		3.0		SCREEN/PORT DESC:		NA	
FIELD MATRIX: R		R		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 234 12/17/09	None	Y	
1	↓	Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	Y	
1	↓	NMED Explosives list	250 ML AMBER GLASS	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Pinkish gray dry tuff

SAMPLE COMMENTS:

NA

LOCATION DESC:

2-4, west side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 16$ dpm PID ambient reading $\frac{0.0}{0.0}$ ppm
 $BY \leq 2010$ dpm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 12/17/09 1550	RECEIVED BY (Printed Name) Sherri Sherwood (Signature) <i>Sherri Sherwood</i>	Date/Time 12/17/09 1550
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7588

WORK ORDER:

<u>AS PLANNED</u>		<u>AS COLLECTED</u>		<u>AS PLANNED</u>		<u>AS COLLECTED</u>	
DATE COLLECTED(MM/DD/YYYY):				MEDIA:		QBT3	
TIME COLLECTED (HH:MM)				SUB-MEDIA:		TUFF 1	
PRS ID: C-12-002				SAMPLE TECH CODE:		HA	
LOCATION ID: 12-610633				FIELD QC TYPE:		NA	
LOCATION TYPE: GENERIC				FIELD PREP:		NA	
TOP DEPTH: 0				SAMPLE USAGE:		INV	
BOTTOM DEPTH: 0				SCREEN/PORT DESC:			
FIELD MATRIX: R				EXCAVATED: YES/NO/NA			
COMPOSITE TYPE:				COMPOSITE TIME INTERVAL:		WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA				BOREHOLE DECLINATION:		BOREHOLE DIRECTION:	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None		
1		Met+U+CLO4+C N	1 GAL POLY	Ice		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC:

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT)

Nickolas Gallegos

RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7589

WORK ORDER:

<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		MEDIA:	QBT3
TIME COLLECTED (HH:MM)		SUB-MEDIA:	TUFF 1
PRS ID: C-12-002		SAMPLE TECH CODE:	HA
LOCATION ID: 12-610633		FIELD QC TYPE:	NA
LOCATION TYPE: GENERIC		FIELD PREP:	NA
TOP DEPTH: 0		SAMPLE USAGE:	INV
BOTTOM DEPTH: 0		SCREEN/PORT DESC:	
FIELD MATRIX: R		EXCAVATED: YES / NO / NA	
COMPOSITE TYPE:		COMPOSITE TIME INTERVAL:	
		WATER FLOWING: YES / NO / NA	
BOREHOLE: YES / NO / NA		BOREHOLE DECLINATION:	
		BOREHOLE DIRECTION:	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None		
1		Met+U+CLO4+C N	1 GAL POLY	Ice		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC:

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Nickolas Gallegos

RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7590

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/17/2009		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		1253		SUB-MEDIA:		TUFF 1	
PRS ID:	C-12-002	ok		SAMPLE TECH CODE:		HA	
LOCATION ID:	UNK	12-610633		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	ok		FIELD PREP:		NA	
TOP DEPTH:	0	0.0		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	0.5		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	S		EXCAVATED: YES/NO/NA		NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA		NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA		NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY 73m 12/17/09	None	Y	
1		Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: medium brown sandy silt, slightly moist, some roots

SAMPLE COMMENTS: NA

LOCATION DESC: 2-5, center of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 22$ dpm
 BY ≤ 2110 dpm
 PID ambient reading 0.6 ppm
 HE negative

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

LARRY A. LOPEZ

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) TLMcFarland	12/17/09	(Printed Name) Sheri Sherwood	12/17/09
(Signature) <i>TLMcFarland</i>	1550	(Signature) <i>Sheri Sherwood</i>	1550
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7591

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/17/2009	MEDIA:	QBT3	Allh
TIME COLLECTED(HH:MM)		1319	SUB-MEDIA:	TUFF 1	NA
PRS ID:	C-12-002	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	UNK	12-C10633	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	
TOP DEPTH:	0	2.0	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	3.0	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	B	S	EXCAVATED: YES	(NO) NA	
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
			WATER FLOWING: YES	(NO) NA	
BOREHOLE: YES	(NO) NA		BOREHOLE DECLINATION:	NA	
			BOREHOLE DIRECTION:	NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY 12M 12/17/09	None	Y	
1		Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: Brown dry sandy silt
FD RE12-10-7592

SAMPLE COMMENTS:
NA

LOCATION DESC: 2-5, center of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 44$ dpm
 $\text{BY} \leq 2160$ dpm

PID $\frac{\text{ambient}}{\text{reading}} \frac{0.0}{6.0}$ ppm

COLLECTED BY (PRINT)
TLMcFarland

REVIEWED BY (PRINT) Larry A Lopez

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 12/17/09 1550	RECEIVED BY (Printed Name) Sherri Sherwood (Signature) <i>Sherri Sherwood</i>	Date/Time 12/17/09 1550
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7592

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/17/2009		MEDIA: QBT3		All h	
TIME COLLECTED (HH:MM)		1319		SUB-MEDIA: TUFF 1		NA	
PRS ID: C-12-002		OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID: UNK		12-610633		FIELD QC TYPE: ED		↓	
LOCATION TYPE: GENERIC		OK		FIELD PREP: NA			
TOP DEPTH: 0		2.0		SAMPLE USAGE: QC			
BOTTOM DEPTH: 0		3.0		SCREEN/PORT DESC: NA			
FIELD MATRIX: R		S		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1	↓	AM241+GS+ISO PU+ISOU	1 LITER POLY 12m 12/17/09	None	Y	
1	↓	Met+U+CLO4+C N	1 GAL POLY 1L	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: QC Sample of RE12-10-7591

Brown dry sandy silt

SAMPLE COMMENTS:

NA

LOCATION DESC: 2-5, center of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 44$ dpm
 $\text{BY} \leq 2160$ dpm

 PID $\frac{\text{ambient reading}}{0.0}$ $\frac{0.0}{0.0}$ ppm

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) Th McFarland (Signature) Tracy 2	Date/Time 12/17/09 1550	RECEIVED BY (Printed Name) Sherrif Sherwood (Signature) Sherrif Sherwood	Date/Time 12/17/09 1550
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7593

WORK ORDER:

<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		MEDIA: <u>OBT3</u>	
TIME COLLECTED(HH:MM)		SUB-MEDIA: <u>TUFF 1</u>	
PRS ID: <u>C-12-002</u>		SAMPLE TECH CODE: <u>HA</u>	
LOCATION ID: <u>UNK</u>		FIELD QC TYPE: <u>FD</u>	
LOCATION TYPE: <u>GENERIC</u>		FIELD PREP: <u>NA</u>	
TOP DEPTH: <u>0</u>		SAMPLE USAGE: <u>QC</u>	
BOTTOM DEPTH: <u>0</u>		SCREEN/PORT DESC:	
FIELD MATRIX: <u>R</u>		EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: _____	COMPOSITE TIME INTERVAL: _____	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA	BOREHOLE DECLINATION: _____	BOREHOLE DIRECTION: _____	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1		8082+NMED-HEXP	250 ML AMBER GLASS	Ice		
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None		
1		Met+U+CLO4+CN	1 GAL POLY	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC: QC Sample of

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT)

Nickolas Gallegos

RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7594

WORK ORDER:

<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		MEDIA:	NA
TIME COLLECTED(HH:MM)		SUB-MEDIA:	OTHER
PRS ID: C-12-002		SAMPLE TECH CODE:	DC
LOCATION ID: UNK		FIELD QC TYPE:	FR
LOCATION TYPE: GENERIC		FIELD PREP:	UF
TOP DEPTH: 0		SAMPLE USAGE:	QC
BOTTOM DEPTH: 0		SCREEN/PORT DESC:	
FIELD MATRIX: W		EXCAVATED: YES/NO/NA	
COMPOSITE TYPE:	COMPOSITE TIME INTERVAL:	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA	BOREHOLE DECLINATION:	BOREHOLE DIRECTION:	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1		METALS+U-GEL	1 LITER POLY	Nitric Acid		
1		SW-846:6850	250 ML POLY	Ice		
1		TCN	500 ML POLY	Sodium Hydroxide		

SAMPLE DESC: QC Sample of

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

Th M c Farlang

REVIEWED BY (PRINT)

Nickolas Gallegos

RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2488

EVENT NAME: 4th Qtr. FY09 - AOC C-12-002 - Threemile Canyon

SAMPLE ID: RE12-10-7595

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		12/17/2009	MEDIA:	NA	ok
TIME COLLECTED (HH:MM)		1300	SUB-MEDIA:	OTHER	
PRS ID: C-12-002		ok	SAMPLE TECH CODE:	DC	
LOCATION ID: UNK		12-610633	FIELD QC TYPE:	ER	
LOCATION TYPE: GENERIC		ok	FIELD PREP:	UE	
TOP DEPTH: 0			SAMPLE USAGE:	QC	
BOTTOM DEPTH: 0			SCREEN/PORT DESC:	UA	
FIELD MATRIX: W			EXCAVATED: YES/NO/NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	METALS+U-GEL	1 LITER POLY	Nitric Acid	Y	
1		SW-846:6850	250 ML POLY	Ice	Y	
1		TCN	500 ML POLY	Sodium Hydroxide	Y	

SAMPLE DESC: QC Sample of RE12-10-7590

SAMPLE COMMENTS:

Rinsate

LOCATION DESC:

2-5

FIELD SCREENING/MEASUREMENT RESULTS:

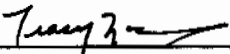
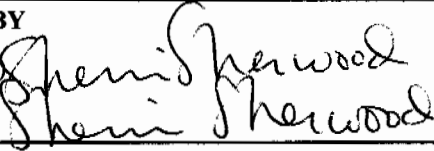
NA

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

LARRY A. LOPEZ

RELINQUISHED BY (Printed Name) TL McFarland (Signature) 	Date/Time 12/17/09 1550	RECEIVED BY (Printed Name) Sheri Sherwood (Signature) 	Date/Time 12/17/09 1550
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time