

SAMPLE COLLECTION LOG TRAVELER

EVENT #

2484

DATE	REVIEWER	COMMENTS
12/23/08	SM	noxy, not shed
2/10/10	S. MALLON	completed

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7351

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/15/2009	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		1450	SUB-MEDIA:		TUFF 1
PRS ID:	C-12-004	ok	SAMPLE TECH CODE:		HA
LOCATION ID:	12-610569	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	0	0.0	SAMPLE USAGE:		INV
BOTTOM DEPTH:	0	0.5	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	Regular	AM241+GS+ISO PU+ISOU	1 LITER POLY 12m 12/15/09	None	Y	
1	↓	Met+U+CLO4+C N	1 GAL POLY 1 Liter	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	
1	↓	8082+NMED- HEXP	250 ML AMBER GLASS	Ice	Y	

SAMPLE DESC:

Dark brown soil with many cobbles, some sand

SAMPLE COMMENTS: NA

LOCATION DESC: 4-1

South of rd 4 ft

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 16$ dpm
 $\beta \leq 2120$ dpm
PID ambient reading $\frac{0.0}{0.0}$ ppm
HE negative

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Nickolas Gallegos

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Larry A. Lopez	12/15/09	(Printed Name) Sheri Sherwood	12/15/09
(Signature) Larry A. Lopez	16:15	(Signature) Sheri Sherwood	1615
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7352

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		12/16/2009	MEDIA:	QBT3	Allh
TIME COLLECTED (HH:MM)		11:10	SUB-MEDIA:	TUFF 1	NA
PRS ID:	C-12-004	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	12-610569	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	BH	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:	-90	BOREHOLE DIRECTION:
					NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	AM241+GS+ISO PU+ISOU	1 LITER POLY <i>as 12/15/09</i>	None	Y	
1	↓	Met+U+ClO4+C N	1 LITER POLY <i>1 liter</i>	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	
1	↓	8082+NMED- HEXP	250 ML AMBER GLASS	Ice	Y	

SAMPLE DESC:

Light brown fine sandy silt

SAMPLE COMMENTS:

NA

LOCATION DESC:

4-1, 4 ft south of road.

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \pm 38 \text{ dpm}$ PID $\frac{\text{ambient } 0.0}{\text{reading } 0.0} \text{ ppm}$
 $\text{BX} \pm 2300 \text{ dpm}$

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Nickolas Gallegos

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <i>TL McFarland</i>	12/16/09	(Printed Name) <i>K. Greene</i>	12/16/09
(Signature) <i>Tracy McFarland</i>	1620	(Signature) <i>[Signature]</i>	4:20
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7353

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/16/2009		MEDIA: OBT3		Allh	
TIME COLLECTED (HH:MM)		1158		SUB-MEDIA: TUFF 1		NA	
PRS ID:	C-12-004	OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID:	12-610570	OK		FIELD QC TYPE: NA			
LOCATION TYPE:	GENERIC	BH		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 <input checked="" type="radio"/> NO <input type="radio"/> NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			
BOREHOLE: <input checked="" type="radio"/> YES / NO / NA		BOREHOLE DECLINATION: 72m 12/16/09 -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 12/15/09	None	Y	
1		Met+U+CLO4+C N	1 LITER POLY 1 Liter	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:

Reddish brown damp silty clay, few roots, and numerous cobbles 72m 12/16/09

SAMPLE COMMENTS: NA

LOCATION DESC: 4-5, south of rd ~15 ft

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 22$ dpm PID ambient reading 0.0
 $\text{BX} \leq 1959$ dpm HFE negative 0.6 ppm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

LARRY A. LOPEZ

RELINQUISHED BY (Printed Name) TLMcFarland (Signature)	Date/Time 12/16/09 1620	RECEIVED BY (Printed Name) K. G. Crane (Signature)	Date/Time 12/16/09 4120
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7354

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/16/2009		MEDIA:	QBT3		ok
TIME COLLECTED (HH:MM)		1240		SUB-MEDIA:	TUFF 1		
PRS ID:	C-12-004	ok		SAMPLE TECH CODE:	HA		
LOCATION ID:	12-610570	↓		FIELD QC TYPE:	NA		
LOCATION TYPE:	GENERIC	BH		FIELD PREP:	NA		
TOP DEPTH:	0	1.75		SAMPLE USAGE:	INV		
BOTTOM DEPTH:	0	2.70		SCREEN/PORT DESC:	NR		
FIELD MATRIX:	B	ok		EXCAVATED: YES (NO) / NA			
COMPOSITE TYPE:	NA			COMPOSITE TIME INTERVAL:	NA		
BOREHOLE: YES (NO) / NA				WATER FLOWING: YES (NO) / NA			
BOREHOLE DECLINATION:	-90			BOREHOLE DIRECTION:	NR		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 13/15/09	None	Y	
1		Met+U+CLO4+C N	1 LITER POLY 1 liter	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 stuff

SAMPLE COMMENTS:

NA

LOCATION DESC:

4-5, south of rd ~15 ft

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 27$ dpm PID $\frac{\text{ambient}}{\text{reading}} = \frac{0.0}{0.7}$ ppm
 $\text{BY} \leq 2290$ dpm

COLLECTED BY (PRINT):

LARRY A. LOPEZ

REVIEWED BY (PRINT):

TLMcFarland

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) TLMcFarland	12/16/09	(Printed Name) K. Graene	12/16/09
(Signature) Tracy [Signature]	1020	(Signature) [Signature]	4126
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7355

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/16/2009		MEDIA:	QBT3		Allh
TIME COLLECTED (HH:MM)		1330		SUB-MEDIA:	TUFF 1		NA
PRS ID:	C-12-004	ok		SAMPLE TECH CODE:	HA		ok
LOCATION ID:	12-610571	ok		FIELD QC TYPE:	NA		
LOCATION TYPE:	GENERIC	Blt		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 <input checked="" type="radio"/> NO <input type="radio"/> NA			
COMPOSITE TYPE:	NA			COMPOSITE TIME INTERVAL:	NA		WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE:	<input checked="" type="radio"/> YES <input type="radio"/> NO <input type="radio"/> NA	BOREHOLE DECLINATION:	-90	BOREHOLE DIRECTION:	NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 13m 11/15/09	None	Y	
1		Met+U+CLO4+C N	1 LITER POLY 1 Liter	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 silty sand, some roots, many cobbles

FD RE12-10-7364

SAMPLE COMMENTS:

NA

LOCATION DESC:

4-3, south of rd

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 22$ dpm PID $\frac{\text{ambient reading}}{10}$ ppm
 $\text{BY} \leq 2180$ dpm HE negative

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy	Date/Time 12/16/09 1620	RECEIVED BY (Printed Name) L. G. Vazquez (Signature) [Signature]	Date/Time 12/16/09 4:20
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7356

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/16/2009	MEDIA:	QBT3			
TIME COLLECTED (HH:MM)		12/16/09 73m	SUB-MEDIA:	TUFF 1			ok
PRS ID:	C-12-004	1350	SAMPLE TECH CODE:	HA			
LOCATION ID:	12-610571	ok	FIELD QC TYPE:	NA			
LOCATION TYPE:	GENERIC	ok	FIELD PREP:	NA			
TOP DEPTH:	0	BH	SAMPLE USAGE:	INV			
BOTTOM DEPTH:	0	2.0	SCREEN/PORT DESC:	NA			
FIELD MATRIX:	R	2.5	EXCAVATED: YES/NO/NA	NA			
COMPOSITE TYPE:	NA	ok					
COMPOSITE TIME INTERVAL:	NA						
WATER FLOWING: YES/NO/NA							
BOREHOLE: YES/NO/NA							
BOREHOLE DECLINATION: -90							
BOREHOLE DIRECTION: NA							

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 12/16/09	None	Y	
1		Met+U+CLO4+C N	1 GAL POLY 1 liter	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:

4-3, south of rd

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 33$ dpm PID $\frac{\text{reading}}{\text{ambient}} = \frac{1.5}{0.2}$ ppm
 $\text{BX} \leq 2220$ dpm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) TLMcFarland	12/16/09	(Printed Name) L. Lopez	12/16/09
(Signature) Tracy 7m	1620	(Signature) [Signature]	7120
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7357

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/16/2009		MEDIA: OBT3		A11h	
TIME COLLECTED(HH:MM)		1410		SUB-MEDIA: TUFF 1		NA	
PRS ID: C-12-004		OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID: 12-610572		↓		FIELD QC TYPE: NA		↓	
LOCATION TYPE: GENERIC		BH		FIELD PREP: NA		↓	
TOP DEPTH: 0		0.0		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH: 0		0.75		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: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 12/15/09	None	Y	
1	↓	Met+U+CLO4+C N	1 GAL POLY 1 Liter	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 dry, sandy, silty soil, few cobbles, some roots

SAMPLE COMMENTS: NA

LOCATION DESC: 4-2 South of rd

FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 6 dpm

β ≤ 1976 dpm

PID ambient reading 0.0 / 4.4 ppm

HE negative

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 12/16/09 1620	RECEIVED BY (Printed Name) L. Bruce (Signature) <i>L. Bruce</i>	Date/Time 12/16/09 4120
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7358

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/16/2009		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		1430		SUB-MEDIA:		TUFF 1	
PRS ID: C-12-004		ok		SAMPLE TECH CODE:		HA	
LOCATION ID: 12-610572		↓		FIELD QC TYPE:		NA	
LOCATION TYPE: GENERIC		B4		FIELD PREP:		NA	
TOP DEPTH: 0		2.0		SAMPLE USAGE:		INV	
BOTTOM DEPTH: 0		2.5		SCREEN/PORT DESC:		NA	
FIELD MATRIX: B		S		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA		NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY TAM 12/15/09	None	Y	
1		Met+U+CLO4+C N	1 GAL POLY 1 Liter	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 dry sandy silt

SAMPLE COMMENTS:

NA

LOCATION DESC:

4-2, south of rd

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 60 \text{ dpm}$
 $\text{BY} \leq 2320$

PID

 $\text{ambient reading} = \frac{0.0 \text{ ppm}}{5.6 \text{ ppm}}$
 TAM 12/16/09

COLLECTED BY (PRINT)

Larry A. Lopez

REVIEWED BY (PRINT)

TLMcFarland

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) TLMcFarland	12/16/09	(Printed Name) K. L. Lopez	12/16/09
(Signature) Tracy	1620	(Signature) [Signature]	4:20
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7359

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/16/2009		MEDIA:	QBT3		
TIME COLLECTED (HH:MM)		1449		SUB-MEDIA:	TUFF 1		Allh
PRS ID:	C-12-004	ok		SAMPLE TECH CODE:	HA		NA
LOCATION ID:	12-610573	ok		FIELD QC TYPE:	NA		ok
LOCATION TYPE:	GENERIC	BH		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			
COMPOSITE TYPE:	NA			COMPOSITE TIME INTERVAL:	NA		
				WATER FLOWING: YES/NO/NA			
BOREHOLE:	YES/NO/NA			BOREHOLE DECLINATION:	-90		
				BOREHOLE DIRECTION:	NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 12m 12/15/09	None	Y	
1		Met+U+CLO4+C N	1 GAL POLY 1 liter	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 dry sandy silt, some organics, roots, and cobbles

SAMPLE COMMENTS:

NA

LOCATION DESC:

4-4 West side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 38$ dpmPID ambient
reading $\frac{0.0}{0.4}$ ppm $\text{B}\gamma \leq 2060$ dpm

HE negative

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Nikolas Gallegos

RELINQUISHED BY (Printed Name) TLMcFarland (Signature)	Date/Time 12/16/09 1620	RECEIVED BY (Printed Name) K. Green (Signature)	Date/Time 12/16/09 4:20
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7360

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/16/2009		MEDIA:		QBT3	
TIME COLLECTED(HH:MM)		1458		SUB-MEDIA:		TUFF 1	
PRS ID:	C-12-004	ok		SAMPLE TECH CODE:		HA	
LOCATION ID:	12-610573	ok		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	BH		FIELD PREP:		NA	
TOP DEPTH:	0	2.0		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	2.5		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	B	ok		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 11/12/15/19	None	Y	
1		Met+U+CLO4+C N	1 GAL POLY 1 Liter	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 dry stuff

SAMPLE COMMENTS:

NA

LOCATION DESC:

4.4 west side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 27 dpm

β ≤ 2220 dpm

PID ambient reading 0.0 / 0.0 ppm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Nicholas Gallegos

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy Thompson	Date/Time 12/16/09 1620	RECEIVED BY (Printed Name) N. Gallegos (Signature) [Signature]	Date/Time 12/16/09 1720
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7361

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-12-004				SAMPLE TECH CODE:		HA	
LOCATION ID: UNK				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		8082+NMED-HEXP	250 ML AMBER GLASS	Ice		
1		AM241+GS+ISO PU+ISOU	1 LITER POLY <i>1 Ltr 12/15/09</i>	None		
1		Met+U+CLO4+C N	1 GAL POLY <i>1 Liter</i>	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)

TLMCFarland

REVIEWED BY (PRINT)

Lorey A. Lopez

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: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7362

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-12-004		SAMPLE TECH CODE:	HA
LOCATION ID: UNK		FIELD QC TYPE:	NA
LOCATION TYPE: GENERIC		FIELD PREP:	NA
TOP DEPTH: 0		SAMPLE USAGE:	INV
BOTTOM DEPTH: 0		SCREEN/PORT DESC:	
FIELD MATRIX: B		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+C N	1 GAL POLY 1 Liter	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)

T L McFarland

REVIEWED BY (PRINT)

Laney A. Lopez

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: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7363

WORK ORDER:

<u>AS PLANNED</u>		<u>AS COLLECTED</u>		<u>AS PLANNED</u>		<u>AS COLLECTED</u>	
DATE COLLECTED(MM/DD/YYYY):				MEDIA:		OBT3	
TIME COLLECTED (HH:MM)				SUB-MEDIA:		TUFF 1	
PRS ID: C-12-004				SAMPLE TECH CODE:		HA	
LOCATION ID: UNK				FIELD QC TYPE:		ED	
LOCATION TYPE: GENERIC				FIELD PREP:		NA	
TOP DEPTH: 0				SAMPLE USAGE:		QC	
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		8082+NMED-HEXP	250 ML AMBER GLASS	Ice		
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None		
1		Met+U+CLO4+C N	1 GAL POLY 1 Liter	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)

TLMcFarlane

REVIEWED BY (PRINT)

Larry A. Lopez

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: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7364

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/16/2009		MEDIA: OBT3		All h	
TIME COLLECTED (HH:MM)		1330		SUB-MEDIA: TUFF 1		NA	
PRS ID:	C-12-004	OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID:	UNK	12-610571		FIELD QC TYPE: FD		↓	
LOCATION TYPE:	GENERIC	BH		FIELD PREP: NA			
TOP DEPTH:	0	0.0		SAMPLE USAGE: QC			
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: -90		BOREHOLE DIRECTION:			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	73m 12/16/09 8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		AM24I+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		Met+U+CLO4+C N	73m 12/15/09 1-GAL POLY 1 Liter	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: QC Sample of RE12-10-7355

Brown silty sand, some roots many cobbles

SAMPLE COMMENTS:

NA

LOCATION DESC:

4-3, south of rd

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 22$ dpm $\beta \leq 2180$ dpmPID $\frac{\text{ambient reading}}{1.0}$ ppm

HE negative

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) TL McFarland (Signature) <i>TL McFarland</i>	Date/Time 12/16/09 1620	RECEIVED BY <i>K. B. ...</i> (Printed Name) (Signature) <i>[Signature]</i>	Date/Time 12/16/09 4:30
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2484

EVENT NAME: 4th Qtr. FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7365

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-12-004		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)

TL McFarland

REVIEWED BY (PRINT)

Doreen A. Lopez

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: 2484

EVENT NAME: 4th Qtr, FY09 - AOC C-12-004 - Threemile Canyon

SAMPLE ID: RE12-10-7366

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/16/2009	MEDIA:	NA	ok
TIME COLLECTED (HH:MM)		1427	SUB-MEDIA:	OTHER	
PRS ID:	C-12-004	ok	SAMPLE TECH CODE:	DC	
LOCATION ID:	UNK	12-610572	FIELD QC TYPE:	FR	
LOCATION TYPE:	GENERIC	BH	FIELD PREP:	UF	
TOP DEPTH:	0	ok	SAMPLE USAGE:	QC	
BOTTOM DEPTH:	0	ok	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	W	ok	EXCAVATED: YES/NO/NA	NA	
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
BOREHOLE:	YES/NO/NA		BOREHOLE DECLINATION:	-90	
			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 RE12-10-7357

SAMPLE COMMENTS: Rinstate

LOCATION DESC: NA

FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

LARRY A. Lopez

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) TL McFarland	12/16/09	(Printed Name) L. Lopez	12/16/09
(Signature) [Signature]	1620	(Signature) [Signature]	4120
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	