

# SAMPLE COLLECTION LOG TRAVELER

EVENT #

2483

DATE	REVIEWER	COMMENTS
1/13/10	SM	no xy, not checked
2/10/10	S. MARRAZZI	completed

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7596

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA:	QBT3		Allh
TIME COLLECTED(HH:MM)		1155		SUB-MEDIA:	TUFF 1		NA
PRS ID:	C-12-003	OK		SAMPLE TECH CODE:	HA		OK
LOCATION ID:	12-610634			FIELD QC TYPE:	NA		
LOCATION TYPE:	GENERIC			FIELD PREP:	NA		
TOP DEPTH:	0	0.0		SAMPLE USAGE:	INV		
BOTTOM DEPTH:	0	0.6		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	None	Y	
1		Met+U+CLO4+C N	1 L	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light brown silty sand, small rocks and roots

SAMPLE COMMENTS:

NA

LOCATION DESC:

3-5, center of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 49$  dpm  
 $\beta \leq 2530$  dpm

 PID ambient reading 0.0 ppm  
 HE negative

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Daniel Byers

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 12/21/09 1610	RECEIVED BY (Printed Name) (Signature) <i>[Signature]</i>	Date/Time 12/21/09 1610
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7597

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/21/2009	MEDIA:	OBT3	AIH
TIME COLLECTED (HH:MM)		1204	SUB-MEDIA:	TUFF	NA
PRS ID:	C-12-003	ok	SAMPLE TECH CODE:	HA	ok
LOCATION ID:	12-610634		FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC		FIELD PREP:	NA	
TOP DEPTH:	Q	2.5	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	Q	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 22m 12/21/09	None	y	
1		Met+U+CLO4+C N	1 LITER POLY 1 L	Ice	y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	y	

SAMPLE DESC:

light brown silty sand, small rocks and roots

SAMPLE COMMENTS:

NA

LOCATION DESC:

3-5

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 49$  dpm  
 $\beta \leq 2160$  dpmPID ambient reading  $\frac{0.0}{0.0}$  ppm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Daniel Byers

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy M. Farland	Date/Time 12/21/09 1616	RECEIVED BY (Printed Name) (Signature) [Signature]	Date/Time 12/21/09 1616
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7598

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/21/09	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		1223	SUB-MEDIA:		TUFF 1
PRS ID:	C-12-003	OK	SAMPLE TECH CODE:		HA
LOCATION ID:	12-610635	↓	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:	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	AM241+GS+ISO PU+ISOU	1 LITER POLY 12m 12/21/09	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 slightly moist silty sand, numerous rocks, few roots

## SAMPLE COMMENTS:

NA

## LOCATION DESC:

3-3, south side of AOC

## FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 33$  dpm  
 $\text{BX} \leq 2280$  dpm

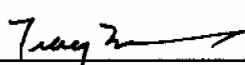
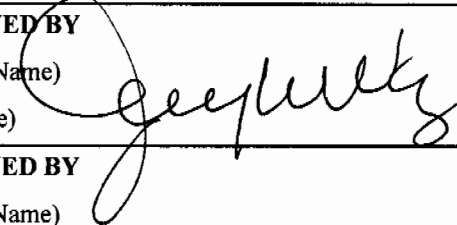
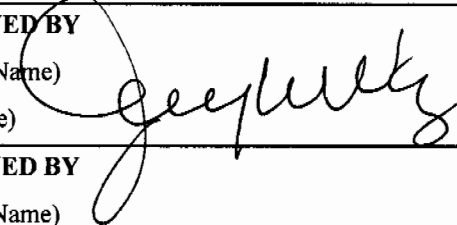
PID ambient reading 0.0 ppm  
HE negative

## COLLECTED BY (PRINT)

TL McFarland

## REVIEWED BY (PRINT)

Daniel Byers

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) 	Date/Time 12/21/09 1610	RECEIVED BY (Printed Name)  (Signature) 	Date/Time 12/21/09 1616
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7599

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA:	QBT3		ok
TIME COLLECTED (HH:MM)		1230		SUB-MEDIA:	TUFF 1		↓
PRS ID:	C-12-003	ok		SAMPLE TECH CODE:	HA		ok
LOCATION ID:	12-610635	↓		FIELD QC TYPE:	NA		↓
LOCATION TYPE:	GENERIC	↓		FIELD PREP:	NA		↓
TOP DEPTH:	0	2.0		SAMPLE USAGE:	INV		↓
BOTTOM DEPTH:	0	2.9		SCREEN/PORT DESC:	NA		
FIELD MATRIX:	R	ok		EXCAVATED: YES/NO/NA	NO/NA		
COMPOSITE TYPE:	NA			COMPOSITE TIME INTERVAL:	NA		
				WATER FLOWING: YES/NO/NA	NO/NA		
BOREHOLE: YES/NO/NA	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 Tam 12/21/09	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

RE12-10-7610 FR

SAMPLE COMMENTS:

LOCATION DESC: 3-3 south side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 33 \text{ dpm}$   
 $\beta \leq 2190 \text{ dpm}$ 

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

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Daniel Byers

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) TLMcFarland	12/21/09	(Printed Name) [Signature]	12/21/09
(Signature) [Signature]	1610	(Signature) [Signature]	1610
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7600

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/21/2009	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		1310	SUB-MEDIA:		TUFF 1
PRS ID:	C-12-003	ok	SAMPLE TECH CODE:		HA
LOCATION ID:	12-610636	↓	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:	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

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY TAM 12/21/09	None	Y	
1	↓	Met+U+CLO4+C N	1 GAL POLY 1L	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: Brownish beach moist silty sand, some rocks and roots

SAMPLE COMMENTS:

LOCATION DESC: 3-4 west side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 22$  dpm PID  $\frac{\text{ambient}}{\text{reading}} = \frac{0.0}{0.0}$  ppm  
 $\text{BX} \leq 1859$  dpm HE negative

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Nicholas Gallegos

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 12/21/09 1610	RECEIVED BY (Printed Name) <i>Gallegos</i> (Signature) <i>Gallegos</i>	Date/Time 12/21/09 1616
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7601

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA:		OBT3	
TIME COLLECTED (HH:MM)		1319		SUB-MEDIA:		TUFF 1	
PRS ID:	C-12-003	ok		SAMPLE TECH CODE:		HA	
LOCATION ID:	12-610636	↓		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	↓		FIELD PREP:		NA	
TOP DEPTH:	0	2.0		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	3.2		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	ok		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	AM241+GS+ISO PU+ISOU	1 LITER POLY 7m 12/21/09	None	Y	
1	↓	Met+U+CLO4+C N	1 GAL POLY LL	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

FD RE12-10-7608

SAMPLE COMMENTS:

NA

LOCATION DESC:

3-4, west side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 60$  dpm $\beta \leq 2700$  dpmPID  $\frac{\text{ambient}}{\text{reading}} \frac{0.0}{0.0}$  ppm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Nicholas Gallegas

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 12/21/09 1610	RECEIVED BY (Printed Name) (Signature) <i>Nicholas Gallegas</i>	Date/Time 12/21/09 1610
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7602

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA:	QBT3		Allh
TIME COLLECTED (HH:MM)		1331		SUB-MEDIA:	TUFF 1		NA
PRS ID:	C-12-003	OK		SAMPLE TECH CODE:	HA		OK
LOCATION ID:	12-610637	↓		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:	R	S		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE:	NA			COMPOSITE TIME INTERVAL:	NA		
BOREHOLE: YES/NO/NA	NO			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 724 12/21/09	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 silty sand, slightly moist, numerous rocks, few roots

SAMPLE COMMENTS: NA

LOCATION DESC: 3-1, north side of AOC

## FIELD SCREENING/MEASUREMENT RESULTS:


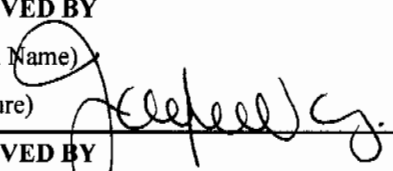
$\alpha \leq 22$  dpm  
 $\beta \leq 2120$  dpm  
 PID ambient reading  $\frac{0.0}{1.8}$  ppm  
 HE negative

COLLECTED BY (PRINT)

TLM c Farland

REVIEWED BY (PRINT)

Nicholas Gallegos

RELINQUISHED BY (Printed Name) Kelly Henderson (Signature) 	Date/Time 12/21/09 1610	RECEIVED BY (Printed Name) (Signature) 	Date/Time 12/21/09 1610
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time



**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7603

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		1405		SUB-MEDIA:		TUFF1	
PRS ID: C-12-003		ok		SAMPLE TECH CODE:		HA	
LOCATION ID: 12-610637		↓		FIELD QC TYPE:		NA	
LOCATION TYPE: GENERIC		↓		FIELD PREP:		NA	
TOP DEPTH: 0		1.9		SAMPLE USAGE:		INV	
BOTTOM DEPTH: 0		2.5		SCREEN/PORT DESC:		NA	
FIELD MATRIX: B		ok		EXCAVATED: YES/NO/NA		NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA		NO/NA	
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 72m 12/21/09	None	Y	
1	↓	Met+U+CLO4+C N	1 GAL POLY 1L	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, stiff

SAMPLE COMMENTS:

NA

LOCATION DESC:

3-1, north side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 49 \text{ dpm}$   
 $\text{Bg} \leq 2730 \text{ dpm}$ 

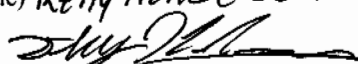
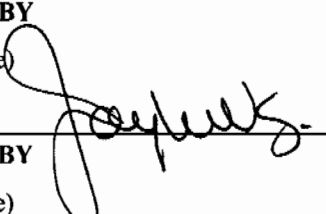
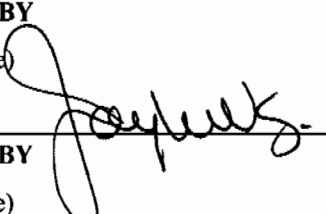
 PID  $\frac{\text{ambient reading}}{0.0} = 0.0 \text{ ppm}$ 

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT)

Nikolas Gallegos

RELINQUISHED BY (Printed Name) Kelly Henderson (Signature) 	Date/Time 12/21/09 1610	RECEIVED BY (Printed Name)  (Signature) 	Date/Time 12/21/09 1616
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7604

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-12-003				SAMPLE TECH CODE:		HA	
LOCATION ID: 12-610638				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)

Nicholas 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: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7605

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-12-003		SAMPLE TECH CODE: HA		
LOCATION ID:	12-610638		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)

Nicholas 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: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7606

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA:	QBT3		Alih
TIME COLLECTED (HH:MM)		1415		SUB-MEDIA:	TUFF 1		NA
PRS ID:	C-12-003	ok		SAMPLE TECH CODE:	HA		ok
LOCATION ID:	UNK	12-410638		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:	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 7th 12/21/09	None	Y	
1		Met+U+CLO4+C N	1 GAL POLY L	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: Brown silty sand, slightly moist, few roots, few rocks

SAMPLE COMMENTS: NA

LOCATION DESC: 3-2, east side of AOC

## FIELD SCREENING/MEASUREMENT RESULTS:

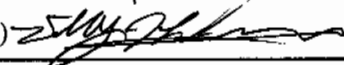


$\alpha \leq 55$  dpm  
 $\text{BY} \leq 2080$  dpm  
 PID  $\frac{\text{ambient}}{\text{reading}} = \frac{0.0}{1.3}$  ppm  
 HE negative

COLLECTED BY (PRINT)

T McFarland

REVIEWED BY (PRINT)

Kelly Henderson

RELINQUISHED BY (Printed Name) Kelly Henderson (Signature) 	Date/Time 12/21/09 1610	RECEIVED BY (Printed Name)  (Signature) 	Date/Time 12/21/09 1610
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7607

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA:	QBT3		ok
TIME COLLECTED (HH:MM)		1438		SUB-MEDIA:	TUFF1		↓
PRS ID:	C-12-003	ok		SAMPLE TECH CODE:	HA		ok
LOCATION ID:	UNK	12-G10638		FIELD QC TYPE:	NA		↓
LOCATION TYPE:	GENERIC	ok		FIELD PREP:	NA		↓
TOP DEPTH:	0	2.0		SAMPLE USAGE:	INV		↓
BOTTOM DEPTH:	0	2.7		SCREEN/PORT DESC:	NA		
FIELD MATRIX:	R	ok		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 12/21/09	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:

Pinkish gray tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 3-2, east side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

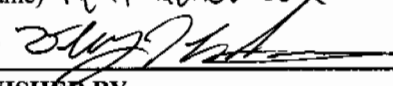
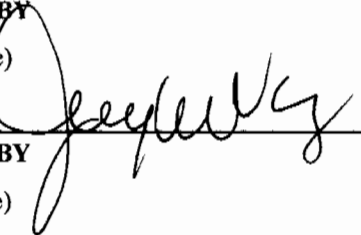
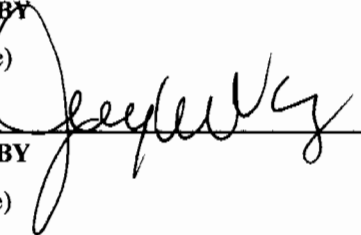
$\alpha \pm 66$  dpm  
 $\text{BY} \pm 2490$  dpm  
 PID  $\frac{\text{ambient}}{\text{reading}} = \frac{0.0}{0.6}$  ppm

COLLECTED BY (PRINT)

TL McFarlane

REVIEWED BY (PRINT)

Nicholas Gallegos

RELINQUISHED BY (Printed Name) Kelly Henderson (Signature) 	Date/Time 12/21/09 1610	RECEIVED BY (Printed Name)  (Signature) 	Date/Time 12/21/09 1610
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7608

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA: QBT3		ok	
TIME COLLECTED (HH:MM)		1319		SUB-MEDIA: TUFF 1		↓	
PRS ID:	C-12-003	ok		SAMPLE TECH CODE: HA		ok	
LOCATION ID:	UNK	12m 12/21/09 12-G10636		FIELD QC TYPE: ED		↓	
LOCATION TYPE:	GENERIC	ok		FIELD PREP: NA		↓	
TOP DEPTH:	0	2.0		SAMPLE USAGE: QC		↓	
BOTTOM DEPTH:	0	3.2		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	12m 12/21/09 0082+NMED-HEXP	250 ML AMBER GLASS	Ice	y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	y	
1		Met+U+CLO4+C N	1 GAL POLY	Ice	y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	y	

SAMPLE DESC: QC Sample of RE12-10-7601

Pinkish gray dry stuff

SAMPLE COMMENTS:

NA

LOCATION DESC:

3-4, west side of AOC

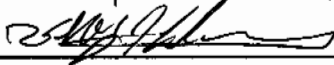
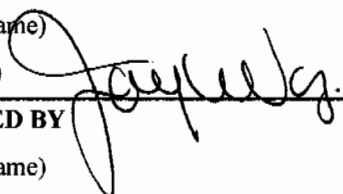
FIELD SCREENING/MEASUREMENT RESULTS:

α = 60 dpm PID ambient reading 0.0 ppm  
 β = 2700 dpm

COLLECTED BY (PRINT)

Th McFarlane

REVIEWED BY (PRINT) Nickolas Gallegos

RELINQUISHED BY (Printed Name) Kelly Henderson (Signature) 	Date/Time 12/21/09 1610	RECEIVED BY (Printed Name) (Signature) 	Date/Time 12/21/09 1610
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7609

WORK ORDER:

AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		MEDIA:	QBT3
TIME COLLECTED (HH:MM)		SUB-MEDIA:	TUFF 1
PRS ID: C-12-003		SAMPLE TECH CODE:	HA
LOCATION ID: UNK		FIELD QC TYPE:	FD
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	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)

Nicholas 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: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7610

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		12/21/2009	MEDIA:	NA	ok
TIME COLLECTED (HH:MM)		1300	SUB-MEDIA:	OTHER	
PRS ID:	C-12-003	ok	SAMPLE TECH CODE:	DC	
LOCATION ID:	UNK	12-G10635	FIELD QC TYPE:	FR	
LOCATION TYPE:	GENERIC	ok	FIELD PREP:	UF	
TOP DEPTH:	0		SAMPLE USAGE:	QC	
BOTTOM DEPTH:	0		SCREEN/PORT DESC:	NA	
FIELD MATRIX:	W		EXCAVATED: YES/NO	NA	
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
			WATER FLOWING: YES/NO/NA		
BOREHOLE: YES/NO/NA	NO		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 RE12-10-7599

SAMPLE COMMENTS:

Rinsate

LOCATION DESC:

NA

FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Daniel Byers

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy Zant	Date/Time 12/22/09 1607	RECEIVED BY (Printed Name) V. Greene (Signature) [Signature]	Date/Time 12/22/09 4:07
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time



**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 2489

EVENT NAME: 4thQtr. FY09 - AOC C-12-003 - Threemile Canyon

SAMPLE ID: RE12-10-7611

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-12-003		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:

CPL

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Nicholas 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