

# SAMPLE COLLECTION LOG TRAVELER

EVENT #  
2486

DATE	REVIEWER	COMMENTS
2/10/10	SM	7566 cancelled not herey 8824 planned
3/16/10	S. MARRAS	completed

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7551

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/18/2009		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		14:25		SUB-MEDIA:		TUFF 1	
PRS ID:	C-12-001	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	12-610624	↓		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	↓		FIELD PREP:		NA	
TOP DEPTH:	0	0 ft		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	0.5 ft		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	B	S		EXCAVATED: YES/NO/NA		NO/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			

#	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	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	
1	↓	8082+NMED- HEXP	250 ML AMBER GLASS	Ice	Y	

## SAMPLE DESC:

Brown, pebbly, dry, sandy silt.

## SAMPLE COMMENTS:

All HE spot tests negative

## LOCATION DESC:

1-1 0-6 inches

## FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 33 dpm HE negative  
 Bx ≤ 2190 dpm

COLLECTED BY (PRINT)

TL McFarlena

REVIEWED BY (PRINT)

Jon Maria

RELINQUISHED BY (Printed Name) <i>Larry A. Lopez</i> (Signature) <i>Larry A. Lopez</i>	Date/Time 12/18/09 16:20	RECEIVED BY (Printed Name) <i>S. MADRAN</i> (Signature) <i>[Signature]</i>	Date/Time 12/18/09 1620
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7552

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/18/2009	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		1459	SUB-MEDIA:		TUFF 1
PRS ID:	C-12-001	ok	SAMPLE TECH CODE:		HA
LOCATION ID:	12-610624	↓	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	None	Y	
1	↓	Met+U+CLO4+C N	1 LITER POLY	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: Pinkish gray dry tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 1-1, south north side of AOC

## FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 22$  dpm

$\text{BY} \leq 2400$  dpm

COLLECTED BY (PRINT)

T. L. McFarland

REVIEWED BY (PRINT)

J. R. Martin

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Larry A. Lopez	12/18/09	S. MARGAM	12/18/09
(Signature) Larry A. Lopez	16:20	(Signature) [Signature]	1620
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7553

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/18/2009		MEDIA:		OBT3	
TIME COLLECTED(HH:MM)		14:30		SUB-MEDIA:		TUFF 1	
PRS ID:	C-12-001	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	12-610625	OK		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	OK		FIELD PREP:		NA	
TOP DEPTH:	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	Regular	AM241+GS+ISO PU+ISOU	1 LITER POLY 72m 12/18/09	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:

Dark brown, semi-moist sandy silt

## SAMPLE COMMENTS:

NA

## LOCATION DESC:

1-2

## FIELD SCREENING/MEASUREMENT RESULTS:

Alpha  $\leq$  27 dpm

HE spot test negative

B/g  $\leq$  2050 dpm

## COLLECTED BY (PRINT)

TLMcfarlane

## REVIEWED BY (PRINT)

J. Marin

RELINQUISHED BY (Printed Name) Larry A. Lopez (Signature) Larry A. Lopez	Date/Time 12/18/09 16:20	RECEIVED BY (Printed Name) S. MARIN (Signature) [Signature]	Date/Time 12/18/09 1620
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7554

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/18/2009		MEDIA: QBT3		OK	
TIME COLLECTED (HH:MM)		15:01		SUB-MEDIA: TUFF 1			
PRS ID:	C-12-001	OK		SAMPLE TECH CODE: HA			
LOCATION ID:	12-610625	OK		FIELD QC TYPE: NA			
LOCATION TYPE:	GENERIC	OK		FIELD PREP: NA			
TOP DEPTH:	0	2 ft		SAMPLE USAGE: INV			
BOTTOM DEPTH:	0	3 ft		SCREEN/PORT DESC: NA			
FIELD MATRIX:	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	Regular	AM241+GS+ISO PU+ISOU	1 LITER POLY 72m 12/18/09	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:

Soil/tuff interface at 1.5 ft

LOCATION DESC:

1-2

FIELD SCREENING/MEASUREMENT RESULTS:

$\text{Alpha} \leq 27 \frac{\text{dpm}}{44} \text{ 1RM 12/18/09}$   
 $\text{B/x} \leq 2850 \frac{\text{dpm}}{2330} \text{ 2RM 12/18/09}$   
 HE spot test negative

COLLECTED BY (PRINT)

T L McFarland

REVIEWED BY (PRINT)

J R Marin

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) JERRY A. Lopez	12/18/09	S. MARIAN	12/18/09
(Signature) Jerry A. Lopez	16:20	(Signature)	1620
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7555

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)		0928		SUB-MEDIA:	TUFF 1		NA
PRS ID:	C-12-001	OK		SAMPLE TECH CODE:	HA		OK
LOCATION ID:	12-610626	↓		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	3		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 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 sandy silt, moist, roots

SAMPLE COMMENTS: NA

LOCATION DESC: 1-5, center of AOC

## FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 33$  dpm  
 $\beta \leq 2470$  dpmPIP  $\frac{\text{reading}}{\text{ambient}} = \frac{0.0}{0.0}$  pm  
HE negative

COLLECTED BY (PRINT)

TLMcFarlane

REVIEWED BY (PRINT)

Nicholas Gallegos

RELINQUISHED BY (Printed Name) TLMcFarlane (Signature) Tracy	Date/Time 12/21/09 1610	RECEIVED BY (Printed Name) (Signature) [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: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7556

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:	QBT3
TIME COLLECTED (HH:MM)		0935	SUB-MEDIA:	TUFF 1
PRS ID:	C-12-001	ok	SAMPLE TECH CODE:	HA
LOCATION ID:	12-610626	↓	FIELD QC TYPE:	NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA
TOP DEPTH:	0	2.1	SAMPLE USAGE:	INV
BOTTOM DEPTH:	0	3.0	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 <i>from 12/15/09</i>	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 tuff, dry

SAMPLE COMMENTS:

NA

LOCATION DESC:

1-5, center of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 27$  dpm

PID

ambient  
reading $\frac{0.0}{0.0}$  ppm $\text{Bg} \leq 2410$  dpm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Nicholas Hellegers

<b>RELINQUISHED BY</b> (Printed Name) TL McFarland (Signature) <i>Tracy McFarland</i>	Date/Time 12/21/09 1610	<b>RECEIVED BY</b> (Printed Name) (Signature) <i>Jeyk Wz</i>	Date/Time 12/21/09 1610
<b>RELINQUISHED BY</b> (Printed Name) (Signature)	Date/Time	<b>RECEIVED BY</b> (Printed Name) (Signature)	Date/Time

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7557

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/21/2009	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		0944	SUB-MEDIA:		TUFF 1
PRS ID:	C-12-001	OK	SAMPLE TECH CODE:		HA
LOCATION ID:	12-610627	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	Q	0.0	SAMPLE USAGE:		INV
BOTTOM DEPTH:	Q	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 12/15/09	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 silty sand, slightly moist, roots and rocks

SAMPLE COMMENTS: NA

LOCATION DESC: 1-4, west side of AOC

## FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 60$  dpm $\beta \leq 2070$  dpm

HE negative

PID reading ambient 0.0  
0.0 ppm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Nickolas Gallegos

RELINQUISHED BY (Printed Name) TLMcFarland (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: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7558

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:		QBT3
TIME COLLECTED(HH:MM)		0952	SUB-MEDIA:		TUFF 1
PRS ID:	C-12-001	OK	SAMPLE TECH CODE:		HA
LOCATION ID:	12-610627	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	0	2.4	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 72m 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:

Pinkish gray dry, stiff

FR RE12-10-7558 72m 12/22/09

SAMPLE COMMENTS:

NA

9923

LOCATION DESC:

1-4, west side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 33$  dpm $\text{BY} \leq 2390$  dpmPID  $\frac{\text{reading}}{\text{ambient}} = \frac{0.0}{0.0} \text{ ppm}$ 

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Nickolas Gallagos

RELINQUISHED BY (Printed Name) TL McFarland (Signature) <i>TL McFarland</i>	Date/Time 12/21/09 1610	RECEIVED BY (Printed Name) (Signature) <i>Nickolas Gallagos</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: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7559

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-12-001	SAMPLE TECH CODE:		HA			
LOCATION ID:	12-610628	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 1 liter	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		

SAMPLE DESC:

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

Th McFarlane

REVIEWED BY (PRINT)

Nicholas Gallagher

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: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7560

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-12-001				SAMPLE TECH CODE: HA			
LOCATION ID: 12-610628				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 <i>12m 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		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		

SAMPLE DESC:

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

*Thm 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: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7561

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA: OBT3		Allh	
TIME COLLECTED(HH:MM)		0909		SUB-MEDIA: TUFF 1		NA	
PRS ID: C-12-001		OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID: UNK		12-610628		FIELD QC TYPE: NA			
LOCATION TYPE: GENERIC		OK		FIELD PREP: NA			
TOP DEPTH: 0		0.0		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH: 0		1.0		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 72m 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	

SAMPLE DESC: Brown silty sand, moist, some roots  
FD RE12-10-7563

SAMPLE COMMENTS: NA

LOCATION DESC: 1-3, south side of AOC, downslope

## FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 16$  dpm  
 $\beta \leq 2030$  dpm  
 PID  $\frac{\text{ambient reading}}{0.0}$  ppm  
 HE negative

COLLECTED BY (PRINT)

REVIEWED BY (PRINT)

TLMcFarland

Nicholas Gallegos

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: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7562

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA:	QBT		OK
TIME COLLECTED (HH:MM)		0912		SUB-MEDIA:	TUFF 1		
PRS ID:	C-12-001	OK		SAMPLE TECH CODE:	HA		
LOCATION ID:	UNK	12-610628		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	OK		EXCAVATED: YES/NO/NA	NO		
COMPOSITE TYPE:	NA			COMPOSITE TIME INTERVAL:	NA		
				WATER FLOWING: YES/NO/NA	NO		
BOREHOLE: YES/NO/NA	NO			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 725 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	

SAMPLE DESC:

Pinkish gray dry stuff

SAMPLE COMMENTS:

NA

LOCATION DESC:

1-3

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 22$  dpmBX  $\leq 3360$  dpmPID  $\frac{\text{reading}}{\text{ambient}} = \frac{0.0}{0.0}$  ppm

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TLMCFarland

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Nickolas 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 1610
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7563

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA:	QBT3		A11h
TIME COLLECTED (HH:MM)		0909		SUB-MEDIA:	TUFF 1		NA
PRS ID:	C-12-001	OK		SAMPLE TECH CODE:	HA		OK
LOCATION ID:	UNK	12-610628		FIELD QC TYPE:	FD		
LOCATION TYPE:	GENERIC	OK		FIELD PREP:	NA		
TOP DEPTH:	0	0.0		SAMPLE USAGE:	QC		
BOTTOM DEPTH:	0	1.0		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	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	

SAMPLE DESC: QC Sample of RE 12-10-7561

Brown silty sand, moist, <sup>12m 12/21/09</sup> some roots

SAMPLE COMMENTS:

NA

LOCATION DESC:

1-3. south side of AOC, downlope

FIELD SCREENING/MEASUREMENT RESULTS:

A ± 10 dpm  
BY ± 2030 dpm  
PID <sup>ambient</sup> reading 0.0 / 0.0 ppm  
HE negative

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TLMcFarland

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Nickolas Gallegos

RELINQUISHED BY (Printed Name) TLMcFarland (Signature)	Date/Time 12/21/09 1616	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: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-7564

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-12-001		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 73m 12/15/09	None		
1		Met+U+CLO4+C N	1-6A 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:

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T. 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: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-9923

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)		1002	SUB-MEDIA:	OTHER	
PRS ID:		C-12-001	SAMPLE TECH CODE:	DC	
LOCATION ID:	UNK	12-610627	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 / <del>NA</del>		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
			WATER FLOWING: YES <del>NO</del> / NA		
BOREHOLE: YES / <del>NO</del> / NA			BOREHOLE DECLINATION:	NA	
			BOREHOLE DIRECTION:	NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	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 RE 12 -10-7 558

SAMPLE COMMENTS:

Rinsate

LOCATION DESC: 1-4

FIELD SCREENING/MEASUREMENT RESULTS:

NA

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TL McFarland

REVIEWED BY (PRINT)

Daniel Byers

RELINQUISHED BY (Printed Name) Tracy Z m T (Signature) TL McFarland	Date/Time 12/22/09 1607	RECEIVED BY (Printed Name) (Signature) [Signature]	Date/Time 12/22/09 1607
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time



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

EVENT ID: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE16-10-7565

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-12-001		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:

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TLMCFarland

REVIEWED BY (PRINT)

Nikolas Garza

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: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE16-10-7566

WORK ORDER:

AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		MEDIA:	NA
TIME COLLECTED (HH:MM)		SUB-MEDIA:	OTHER
PRS ID: C-12-001		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) \_\_\_\_\_ REVIEWED BY (PRINT) \_\_\_\_\_

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: 2486

EVENT NAME: 4th Qtr. FY09 - AOC C-12-001 - Threemile Canyon

SAMPLE ID: RE12-10-9924

WORK ORDER:

AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		MEDIA:	NA
TIME COLLECTED (HH:MM)		SUB-MEDIA:	OTHER
PRS ID:		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)

REVIEWED BY (PRINT)

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