

# SAMPLE COLLECTION LOG TRAVELER

EVENT #  
2498

DATE	REVIEWER	COMMENTS
1/28/10	S. MATHIAS	completed

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7838

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/21/2009		MEDIA:	QBT3		Alh
TIME COLLECTED(HH:MM)		1508		SUB-MEDIA:	TUFF 1		NA
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE:	HA		OK
LOCATION ID:	12-610693			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	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	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Brown silty clay

SAMPLE COMMENTS: NA

LOCATION DESC: 12-001(a)-01

1a-3  
south of structure 12-4

FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 16 dpm

β ≤ 2050 dpm

NE negative

PID ambient reading 0.0 ppm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Daniel Byers

RELINQUISHED BY (Printed Name) TL McFarland (Signature) Tracy Zinf	Date/Time 12/22/09 1607	RECEIVED BY (Printed Name) (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: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7839

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)		1515		SUB-MEDIA:	TUFF 1		NA
PRS ID:	12-001(a)	ok		SAMPLE TECH CODE:	HA		ok
LOCATION ID:	12-610693	↓		FIELD QC TYPE:	NA		↓
LOCATION TYPE:	GENERIC			FIELD PREP:	NA		↓
TOP DEPTH:	0	2.0		SAMPLE USAGE:	INV		↓
BOTTOM DEPTH:	0	2.7		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	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: Brown sandy silt, slightly damp, few rocks

SAMPLE COMMENTS: NA

LOCATION DESC: 12-001(a)-01  
Thm 12/21/091a-3  
south of structure 12-4

FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 16 dpm  
BY ≤ 2190 dpmPID ambient  
Reading 0.0  
0.0 ppm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Dante Byers

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy 2m7	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: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7840

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/22/2009		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		1127		SUB-MEDIA:		TUFF 1	
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	12-610694	↓		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	↓		FIELD PREP:		NA	
TOP DEPTH:	0	0.0		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	0.7		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 12/22/09	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 sandy silt, some clay, rocks

SAMPLE COMMENTS:

NA

LOCATION DESC:

~~12-001(a)-03~~ 1a-5, southwest of pit  
72m 12/22/09

FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 11 dpm  
βγ ≤ 2430 dpmHE negative  
PID ambient reading 0.0 ppm

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT)

Daniel Byers

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 12/22/09 1607	RECEIVED BY (Printed Name) <i>Byers</i> (Signature) <i>Byers</i>	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: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7841

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/22/2009		MEDIA: OBT3		Allh	
TIME COLLECTED (HH:MM)		1143		SUB-MEDIA: TUFF 1		NA	
PRS ID:	12-001(a)	ok		SAMPLE TECH CODE: HA		ok	
LOCATION ID:	12-610694	↓		FIELD QC TYPE: NA		↓	
LOCATION TYPE:	GENERIC	↓		FIELD PREP: NA		↓	
TOP DEPTH:	0	3.0		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH:	0	3.4		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 72h 12/22/09	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:

Brown silty sand, some clay, some rocks

SAMPLE COMMENTS: NA

LOCATION DESC: 12m 12/22/09  
+2 001(a) - 03 1a-5, southwest of pit

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 33$  dpmPID  $\frac{\text{ambient}}{\text{reading}} = \frac{0.0}{0.0}$  ppmBY  $\leq 1886$  dpm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Daniel Byers

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy ZWT	Date/Time 12/22/09 1607	RECEIVED BY (Printed Name) (Signature) Jeyl Wz	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: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7842

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/22/2009		MEDIA: QBT3		NAH	
TIME COLLECTED (HH:MM)		1200		SUB-MEDIA: TUFF 1		NA	
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID:	12-610695	↓		FIELD QC TYPE: NA		↓	
LOCATION TYPE:	GENERIC	↓		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	AM241+GS+ISO PU+ISOU	1 LITER POLY 12m 12/22/09	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, some rocks

SAMPLE COMMENTS: NA

LOCATION DESC: 1a-6 02-12m 12/22/09  
West of firing pit

FIELD SCREENING/MEASUREMENT RESULTS:

α ± 55 dpm

BX ± 2250 dpm

PID ambient reading 0.0  
0.1 ppm

HE negative

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT)

Daniel Byers

RELINQUISHED BY (Printed Name) Th McFarland (Signature) Tracy Lamb	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: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7843

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/22/2009	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		1214	SUB-MEDIA:		TUFF.1
PRS ID:	12-001(a)	OK	SAMPLE TECH CODE:		HA
LOCATION ID:	12-610695	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	0	2.0	SAMPLE USAGE:		INV
BOTTOM DEPTH:	0	2.4	SCREEN/PORT DESC:		NA
FIELD MATRIX:	R	3	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA		NO
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 12/22/09	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, some rocks

SAMPLE COMMENTS: NA

LOCATION DESC: 1a-6 02 12/22/09  
west of firing siteFIELD SCREENING/MEASUREMENT RESULTS:  
 $\alpha \leq 11$  dpm      PID ambient reading  $\frac{0.0}{0.0}$  ppm  
 $\beta \leq 2100$  dpm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Daniel Byers

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy ZmT	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: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7844

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/22/2009	MEDIA:	OBT3	All h
TIME COLLECTED (HH:MM)		1314	SUB-MEDIA:	TUFF 1	NA
PRS ID:	12-001(a)	ok	SAMPLE TECH CODE:	HA	ok
LOCATION ID:	12-610696	↓	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	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 74m 12/22/09	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, some clay, numerous rocks

FD RE12-10-7858

SAMPLE COMMENTS:

LOCATION DESC: 1a-4  
74m 12/22/09  
west of firing pit

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 22$  dpmBX  $\leq 2230$  dpmPID ambient reading  $\frac{0.0}{0.0}$  ppm

HE negative

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Lacey A. Lopez

RELINQUISHED BY (Printed Name) TL McFarland (Signature) Tracy 2-7	Date/Time 12/22/09 1607	RECEIVED BY (Printed Name) Jay Williams (Signature) Jay Williams	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: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7845

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/22/2009		MEDIA: QBT3		Allh	
TIME COLLECTED (HH:MM)		1331		SUB-MEDIA: TUFF 1		NA	
PRS ID: 12-001(a)		ok		SAMPLE TECH CODE: HA		ok	
LOCATION ID: 12-610696		↓		FIELD QC TYPE: NA		↓	
LOCATION TYPE: GENERIC		↓		FIELD PREP: NA		↓	
TOP DEPTH: 0		2.0		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH: 0		2.6		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	AM241+GS+ISO PU+ISOU	1 LITER POLY 73m 12/22/09	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 dry silt

RE12-10-7860 FR

SAMPLE COMMENTS: NA

LOCATION DESC: 1a-4 04 73m 12/22/09

## FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 77$  dpmBY  $\leq 2260$  dpmPID ambient reading  $\frac{0.0}{0.0}$  ppm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Lorey A Lopez

RELINQUISHED BY (Printed Name) TL McFarland (Signature) Tracy 2m7	Date/Time 12/22/09 K07	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: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7846

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/22/2009		MEDIA: QBT3		Allh	
TIME COLLECTED (HH:MM)		1348		SUB-MEDIA: TUFF I		NA	
PRS ID: 12-001(a)		ok		SAMPLE TECH CODE: HA		ok	
LOCATION ID: 12-610697		↓		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 12/22/09	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:

Brown silty sand, roots &amp; rocks

SAMPLE COMMENTS:

NA

LOCATION DESC: 1a-7

05 12m 12/22/09 North of firing pit

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 50$  dpm $\beta \leq 2080$  dpm

HE negative

PID  $\frac{\text{ambient}}{\text{reading}}$   $\frac{0.0}{46}$  ppm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

LARRY A. LOPEZ

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy Zmt	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: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7847

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/22/2009	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		14:45	SUB-MEDIA:		TUFF 1
PRS ID:	12-001(a)	OK	SAMPLE TECH CODE:		HA
LOCATION ID:	12-610697	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	0	1.4	SAMPLE USAGE:		INV
BOTTOM DEPTH:	0	1.8	SCREEN/PORT DESC:		NA
FIELD MATRIX:	B	S	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE: N/A		COMPOSITE TIME INTERVAL: N/A	WATER FLOWING: YES/NO/NA		
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: N/A	BOREHOLE DIRECTION: N/A		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 7m 12/22/09	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, moist

SAMPLE COMMENTS: NA

LOCATION DESC: 1a-7  
DS 7m 12/22/09  
north of firing pit

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 16 \text{ dpm}$       PID ambient reading 0.0 ppm  
 $\beta \leq 1990 \text{ dpm}$ 

COLLECTED BY (PRINT)

TLMcFarlane

REVIEWED BY (PRINT)

Lacey A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarlane (Signature) Tracy L. McFarlane	Date/Time 12/22/09 1607	RECEIVED BY (Printed Name) Jay L. Lopez (Signature) Jay L. Lopez	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: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7848

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/04/2010		MEDIA: QBT3		ALLH	
TIME COLLECTED (HH:MM)		9:19		SUB-MEDIA: TUFF 1		N/A	
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID:	12-610698	↓		FIELD QC TYPE: NA		OK	
LOCATION TYPE:	GENERIC	↓		FIELD PREP: NA		OK	
TOP DEPTH:	0	0.0		SAMPLE USAGE: INV		OK	
BOTTOM DEPTH:	0	0.75		SCREEN/PORT DESC:		N/A	
FIELD MATRIX:	R	0.75 S		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: N/A		73m 1/4/10		COMPOSITE TIME INTERVAL: N/A		WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: N/A		BOREHOLE DIRECTION: N/A			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	NORMAL	AM241+GS+ISO PU+ISOU	1 LITER POLY 73m 12/22/09	None	Yes	
1	Normal	Met+U+CLO4+C N	1 L POLY 1 L	Ice	Yes	
1	Normal	NMED Explosives list	250 ML AMBER GLASS	Ice	Yes	
1	Normal	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Yes	

SAMPLE DESC: Brown sandy silt still moist and few roots  
73m 1/4/10

SAMPLE COMMENTS: N/A

LOCATION DESC: 1a-10  
Southeast of firing pit

06 73m 1/4/10

FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 22 dpm  
β ≤ 1845 dpm

PID ambient reading 0.0 pph HE NEG

COLLECTED BY (PRINT)

REVIEWED BY (PRINT) TLMcFarland

Rolanda Saunders

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy	Date/Time 01/04/10 1600	RECEIVED BY (Printed Name) K. Bruce (Signature)	Date/Time 1/4/10 4:00
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7849

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/04/2010		MEDIA: QBT3		ALLH	
TIME COLLECTED (HH:MM)		9:29		SUB-MEDIA: TUFF 1		N/A	
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID:	12-610698	OK		FIELD QC TYPE: NA		OK	
LOCATION TYPE:	GENERIC	OK		FIELD PREP: NA		OK	
TOP DEPTH:	0	2.0		SAMPLE USAGE: INV		OK	
BOTTOM DEPTH:	0	3.0		SCREEN/PORT DESC:		N/A	
FIELD MATRIX:	B	S		EXCAVATED: YES (NO) NA			
COMPOSITE TYPE: N/A		COMPOSITE TIME INTERVAL: N/A		WATER FLOWING: YES (NO) NA			
BOREHOLE: YES (NO) NA		BOREHOLE DECLINATION: N/A		BOREHOLE DIRECTION: N/A			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 72m 12/32/09	None	Yes	
1	Normal	Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	Yes	
1	Normal	NMED Explosives list	250 ML AMBER GLASS	Ice	Yes	
1	Normal	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Yes	

SAMPLE DESC:

Brown Sandy Silt sticky moist and <sup>PRS</sup> 01/04/10  
72m 12/32/09

SAMPLE COMMENTS: N/A

LOCATION DESC:

Southeast of firing Pit

06 RS 01/04/10

1a-10

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 16$  dpm

PID

ambient  
reading0.0 PPN  
0.0

HE Neg

 $BS \leq 2140$  dpm

COLLECTED BY (PRINT)

Kakenda Saunders

REVIEWED BY (PRINT)

TL McFarland

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy M	Date/Time 1/04/10 1600	RECEIVED BY (Printed Name) K. G. ... (Signature) [Signature]	Date/Time 1/4/10 7:00
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7850

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/04/2010		MEDIA: QBT3		ALLH	
TIME COLLECTED (HH:MM)		9:38		SUB-MEDIA: TUFF.1		N/A	
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID:	12-610699	OK		FIELD QC TYPE: NA		OK	
LOCATION TYPE:	GENERIC	OK		FIELD PREP: NA		OK	
TOP DEPTH:	0	0.0		SAMPLE USAGE: INV		OK	
BOTTOM DEPTH:	0	0.5		SCREEN/PORT DESC:		N/A	
FIELD MATRIX:	R	S		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: N/A		COMPOSITE TIME INTERVAL: N/A		WATER FLOWING: YES/NO/NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: N/A		BOREHOLE DIRECTION: N/A			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 12/30/09	None	Yes	
1	Normal	Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	Yes	
1	Normal	NMED Explosives list	250 ML AMBER GLASS	Ice	Yes	
1	Normal	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Yes	

## SAMPLE DESC:

Brown Sandy Silt, some clay and rocks

SAMPLE COMMENTS: N/A

LOCATION DESC: 1a-2  
east of firing pitO-PS  
01/04/10

## FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 16 \text{ pphm dpm}$  710 ambient 0.0 PPN HE Neg  
 $\text{BY} \leq 1824 \text{ pphm dpm}$  0.0  
 12/11/10

COLLECTED BY (PRINT)

Rolanda Saunders

REVIEWED BY (PRINT)

Th McFarland

RELINQUISHED BY (Printed Name) Th McFarland (Signature) <i>Th McFarland</i>	Date/Time 01/04/10 1600	RECEIVED BY <i>V. Brown</i> (Printed Name) (Signature) <i>V. Brown</i>	Date/Time 1/4/10 4100
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

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

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7851

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/04/2010		MEDIA:	QBT3		ALLH
TIME COLLECTED (HH:MM)		9:50		SUB-MEDIA:	TUFF 1		N/A
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE:	HA		OK
LOCATION ID:	12-610699	OK		FIELD QC TYPE:	NA		OK
LOCATION TYPE:	GENERIC	OK		FIELD PREP:	NA		OK
TOP DEPTH:	0	2.0		SAMPLE USAGE:	INV		OK
BOTTOM DEPTH:	0	2.5		SCREEN/PORT DESC:			N/A
FIELD MATRIX:	R	S		EXCAVATED: YES/NO/NA	NO		
COMPOSITE TYPE:	N/A			COMPOSITE TIME INTERVAL:	N/A		
BOREHOLE: YES/NO/NA	NO			BOREHOLE DECLINATION:	N/A		
				BOREHOLE DIRECTION:	N/A		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 12m 12/22/09	None	Yes	
1	Normal	Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	Yes	
1	Normal	NMED Explosives list	250 ML AMBER GLASS	Ice	Yes	
1	Normal	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Yes	

SAMPLE DESC: ~~Soil stilling moist~~ 12m 01/04/10  
moist sandy silt

SAMPLE COMMENTS: N/A

LOCATION DESC:

east of firing Pit

07R9  
01/04/10

1a-2

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 71$  pdm dpmambient  
reading0.05 ppm  
0.0BX  $\leq 1928$  pdm dpm

12m 1/4/10

COLLECTED BY (PRINT)

Rolanda Saunders

REVIEWED BY (PRINT)

TLMcFarland

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) [Signature]	Date/Time 01/04/10 1600	RECEIVED BY (Printed Name) [Signature] (Signature) [Signature]	Date/Time 1/4/10 4:00
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

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

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7852

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/04/2010		MEDIA:	OBT3		ALLH
TIME COLLECTED(HH:MM)		10:02		SUB-MEDIA:	TUFF 1		N/A
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE:	HA		OK
LOCATION ID:	12-610700	OK		FIELD QC TYPE:	NA		OK
LOCATION TYPE:	GENERIC	OK		FIELD PREP:	NA		OK
TOP DEPTH:	0	0.0		SAMPLE USAGE:	INV		OK
BOTTOM DEPTH:	0	0.6		SCREEN/PORT DESC:			N/A
FIELD MATRIX:	R	S		EXCAVATED: YES / <input checked="" type="radio"/> NO / NA			
COMPOSITE TYPE:	N/A			COMPOSITE TIME INTERVAL:	N/A		WATER FLOWING: YES / <input checked="" type="radio"/> NO / NA
BOREHOLE: YES / <input checked="" type="radio"/> NO / NA		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION:	N/A		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 734 12/22/09	None	Yes	
1	Normal	Met+U+CLO4+C N	1 GAL POLY 1L	Ice	Yes	
1	Normal	NMED Explosives list	250 ML AMBER GLASS	Ice	Yes	
1	Normal	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Yes	

SAMPLE DESC: Brown silty sand some rocks  
Slightly moist

## SAMPLE COMMENTS:

east of firing P.t. RS  
01/04/10

## LOCATION DESC:

east of firing P.t. RS  
01/04/10 1a-9

## FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 33$  pdm dpm PID ambient 0.0 ppm HE Neg  
BY  $\leq 1893$  pdm dpm 12/14/10  
reading 0.0 ppm

## COLLECTED BY (PRINT)

Rolanda Saunders

## REVIEWED BY (PRINT) TLMcFarland

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 01/04/10 1600	RECEIVED BY (Printed Name) K. Green (Signature) <i>K. Green</i>	Date/Time 1/4/10 4:00
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time



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

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7853

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/04/2010		MEDIA: QBT3		ALLH	
TIME COLLECTED (HH:MM)		10:21		SUB-MEDIA: TUFF 1		N/A	
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID:	12-610700	OK		FIELD QC TYPE: NA		OK	
LOCATION TYPE:	GENERIC	OK		FIELD PREP: NA		OK	
TOP DEPTH:	0	2.0		SAMPLE USAGE: INV		OK	
BOTTOM DEPTH:	0	3.5		SCREEN/PORT DESC:		N/A	
FIELD MATRIX:	R	S		EXCAVATED: YES/NO NA			
COMPOSITE TYPE: N/A		COMPOSITE TIME INTERVAL: N/A		WATER FLOWING: YES/NO NA			
BOREHOLE: YES/NO NA		BOREHOLE DECLINATION: N/A		BOREHOLE DIRECTION: N/A			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 72m 12/32/09	None	Yes	
1	Normal	Met+U+CLO4+C N	1 LITER POLY 1 L	Ice	Yes	
1	Normal	NMED Explosives list	250 ML AMBER GLASS	Ice	Yes	
1	Normal	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Yes	

SAMPLE DESC: grayish brown silt, few Rocks

FD: RE 12-10-7853

SAMPLE COMMENTS:

NA

LOCATION DESC:

east of firing Pit

0905  
01/04/10

1a-9

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 55$  <sup>72m 1/4/10</sup> pdm dpm  
 $\text{BY} \leq 1879$  <sup>72m 1/4/10</sup> pdm dpm  
 Pid ambient reading  $\frac{0.0}{0.0}$  pph

COLLECTED BY (PRINT)

Roderica Saunders

REVIEWED BY (PRINT)

TLMcFarland

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 01/04/10 1600	RECEIVED BY (Printed Name) <i>V. C. C. C.</i> (Signature) <i>[Signature]</i>	Date/Time 1/4/10 4:00
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7854

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/11/2010		MEDIA: QBT3		ALLIT	
TIME COLLECTED (HH:MM)		0930		SUB-MEDIA: TUFF 1		NA	
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE: HA			
LOCATION ID:	12-610701			FIELD QC TYPE: NA			
LOCATION TYPE:	GENERIC	↓		FIELD PREP: NA			
TOP DEPTH:	0	0.0		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH:	0	0.0		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	AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Yes	
1	↓	Met+U+CLO4+C N	1 GAL POLY	Ice	Yes	
1	↓	NMED Explosives list	250 ML AMBER GLASS	Ice	Yes	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Yes	

SAMPLE DESC: Light brownish grey, sandy, silty, decomposed tuff soil 2501.11.10

SAMPLE COMMENTS:

NA

LOCATION DESC: 1a-1

2501.11.10

5 ft north of location

FIELD SCREENING/MEASUREMENT RESULTS

 $\alpha \leq 16$  dpm

PID

ambient  
Reading 0.0 ppm $\text{BY} \leq 2010$  dpm

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT)

J. Marin

RELINQUISHED BY (Printed Name) R. Saunders (Signature) R Saunders	Date/Time 1/11/10 1430	RECEIVED BY (Printed Name) (Signature) J. Marin	Date/Time 1/11/10 1430
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7855

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/11/2010		MEDIA: OBT3		OK	
TIME COLLECTED (HH:MM)		09:40		SUB-MEDIA: TUFF 1		↓	
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID:	12-610701	↓		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	Yes	
1	↓	Met+U+CLO4+C N	1 GAL POLY	Ice	Yes	
1	↓	NMED Explosives list	250 ML AMBER GLASS	Ice	Yes	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Yes	

SAMPLE DESC: Light brownish grey dry decomposed

SAMPLE COMMENTS:

NA

LOCATION DESC: 1a-1 RS 01-11-10

5ft. north of location

FIELD SCREENING/MEASUREMENT RESULTS:

X<sub>L</sub> = 71 dpmBY<sub>L</sub> = 2000 dpm

PID


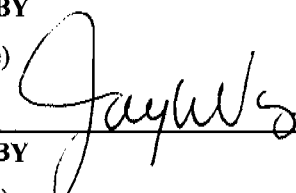
ambient  $\frac{0}{0}$  ppm  
reading  $\frac{0}{0}$ 

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT)

J Marin

RELINQUISHED BY (Printed Name) Riley Evans (Signature) 	Date/Time 1/11/10 1430	RECEIVED BY (Printed Name) Jay Wells (Signature) 	Date/Time 1/11/10 1430
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

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

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7856

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/11/2010		MEDIA:		OBT3	
TIME COLLECTED (HH:MM)		11:20		SUB-MEDIA:		TUFF 1	
PRS ID:		12-001(a)		SAMPLE TECH CODE:		HA	
LOCATION ID:		UNK 12-610679 OR 12/11/10		FIELD QC TYPE:		NA	
LOCATION TYPE:		GENERIC		FIELD PREP:		NA	
TOP DEPTH:		0		SAMPLE USAGE:		INV	
BOTTOM DEPTH:		0.5 ft		SCREEN/PORT DESC:		NA	
FIELD MATRIX:		B		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE:		NA		COMPOSITE TIME INTERVAL:		NA	
BOREHOLE: YES/NO/NA		NA		WATER FLOWING: 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 12m 12/22/09	None		
1		Met+U+CLO4+C N	1 GAL POLY 1 L	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC: Light brown sandy soil

SAMPLE COMMENTS:

NA

LOCATION DESC:

1a 25

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 33 dpm  
Beta/Gamma = 2350 dpm

PID Ambient 0.0  
Reading 0.0 ppm

COLLECTED BY (PRINT)

REVIEWED BY (PRINT)

RELINQUISHED BY (Printed Name) Riley Evans (Signature)	Date/Time 1/11/10 14:30	RECEIVED BY (Printed Name) (Signature)	Date/Time 1/11/10 1430
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7857

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/11/2010		MEDIA:	QBT3	RS 01-11-10	
TIME COLLECTED(HH:MM)		11:27		SUB-MEDIA:	TUFF 1	OK ALH	
PRS ID:	12-001(a)	12-006(a)-99 + 12m		SAMPLE TECH CODE:	HA	1	NA
LOCATION ID:	UNK	12-610679 + 12m		FIELD QC TYPE:	NA	1	OK
LOCATION TYPE:	GENERIC	✓		FIELD PREP:	NA	1	↓
TOP DEPTH:	0	1.0 ft		SAMPLE USAGE:	INV	1	✓
BOTTOM DEPTH:	0	1.8 ft		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	OK S		EXCAVATED: YES/NO	NA		
COMPOSITE TYPE:	NA	RS 01-11-10		COMPOSITE TIME INTERVAL:	NA		
BOREHOLE: YES/NO/NA	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	↓	
1	↓	Met+U+CLO4+C N	1 GAL POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	✓	

SAMPLE DESC: Light brown sandy soil, few roots and rock

SAMPLE COMMENTS:

NA

LOCATION DESC:

1 a 26 25

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 33 dpm  
Beta/Gamma = 2550 dpm

PID  $\frac{\text{Ambient Reading}}{0.0} \frac{\mu\text{R}}{\text{hr}}$  ppm

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT)

Don Byers

RELINQUISHED BY (Printed Name) Riley Evans (Signature)	Date/Time 1/11/10 1430	RECEIVED BY (Printed Name) (Signature)	Date/Time 1/11/10 1430
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

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

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7858

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/22/2009		MEDIA: QBT3		A114	
TIME COLLECTED (HH:MM)		1314		SUB-MEDIA: TUFF 1		NA	
PRS ID:	12-001(a)	OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID:	UNK	12-G10696		FIELD QC TYPE: ED		↓	
LOCATION TYPE:	GENERIC	OK		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: NA		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	12m 12/22/09 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 L	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: QC Sample of RE12-10-7844

Brown sandy silt, some clay, numerous rocks

SAMPLE COMMENTS: NA

LOCATION DESC: 1a-4

## FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \pm 22$  dpm      PID  $\frac{\text{ambient}}{\text{reading}}$   $\frac{0.0}{0.0}$  ppm  
 $\beta \pm 2230$  dpm       $\pm$  negative

COLLECTED BY (PRINT)

TL McFarlane

REVIEWED BY (PRINT)

Lorey A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarlane (Signature) Tracy A. McFarlane	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: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7859

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		<u>01/04/2010</u>		MEDIA:		<u>QBT3</u>	
TIME COLLECTED (HH:MM)		<u>10:21</u>		SUB-MEDIA:		<u>TUFF 1</u>	
PRS ID:	<u>12-001(a)</u>	<u>OK</u>		SAMPLE TECH CODE:		<u>HA</u>	
LOCATION ID:	<u>UNK</u>	<u>12-110700</u>		FIELD QC TYPE:		<u>ED</u>	
LOCATION TYPE:	<u>GENERIC</u>	<u>OK</u>		FIELD PREP:		<u>NA</u>	
TOP DEPTH:	<u>0</u>	<u>2.0</u>		SAMPLE USAGE:		<u>QC</u>	
BOTTOM DEPTH:	<u>0</u>	<u>3.5</u>		SCREEN/PORT DESC:		<u>N/A</u>	
FIELD MATRIX:	<u>B</u>	<u>S</u>		EXCAVATED: YES/NO/NA		<u>NO</u>	
COMPOSITE TYPE: <u>N/A</u>		COMPOSITE TIME INTERVAL: <u>N/A</u>		WATER FLOWING: YES/NO/NA		<u>NO</u>	
BOREHOLE: YES/NO/NA <u>NO</u>		BOREHOLE DECLINATION: <u>N/A</u>		BOREHOLE DIRECTION: <u>N/A</u>			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	normal	<del>8082+NMED-HEXP</del> 12m 1/4/10	250 ML AMBER GLASS	Ice	Yes	
1	normal	AM241+GS+ISO PU+ISOU	1 LITER POLY 12m 12/22/09	None	Yes	
1	normal	Met+U+CLO4+C N	1 GAL POLY 1 L	Ice	Yes	
1	normal	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Yes	

SAMPLE DESC: QC Sample of RE 12-10-7853  
grayish brown silt few Rocks

SAMPLE COMMENTS:

NA

LOCATION DESC:

1a-9

east of firing Pit

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 55$  dpm

PID ambient reading

 $\frac{0.0}{0.0}$  ppn $\text{BY} \leq 1879$  dpm

COLLECTED BY (PRINT)

REVIEWED BY (PRINT) TLMcFarland

RELINQUISHED BY

(Printed Name) TLMcFarland

(Signature) TLMcFarland

Date/Time

01/04/10

1600

RECEIVED BY

(Printed Name)

(Signature) V. Bruce

Date/Time

1/4/10

4:00

RELINQUISHED BY

(Printed Name)

(Signature)

Date/Time

RECEIVED BY

(Printed Name)

(Signature)

Date/Time

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

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7860

WORK ORDER:

<u>AS PLANNED</u>		<u>AS COLLECTED</u>	<u>AS PLANNED</u>		<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		12/22/2009	MEDIA:		NA
TIME COLLECTED (HH:MM)		1340	SUB-MEDIA:		OTHER
PRS ID:	12-001(a)	OK	SAMPLE TECH CODE:		DC
LOCATION ID:	UNK	12-C10696	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		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 RE12-10-7845

SAMPLE COMMENTS:

Rinsate

LOCATION DESC:

1a-4

FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Lacey A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy McFarland	Date/Time 12/22/09 1607	RECEIVED BY (Printed Name) (Signature) [Signature]	Date/Time 12/22/09 1602
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time



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

EVENT ID: 2498

EVENT NAME: 4th Qtr. FY09 - SWMU 12-001(a) of CU 12-001(a)-99 - Threemile Cyn

SAMPLE ID: RE12-10-7861

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: 12-001(a)		SAMPLE TECH CODE:	DC
LOCATION ID: UNK		FIELD QC TYPE:	ER
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 RE 12-10-7857

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