

SAMPLE COLLECTION LOG TRAVELER

EVENT #
2492

DATE	REVIEWER	COMMENTS
4/28/10	S. MacCuz Au	completed

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7679

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/15/2010		MEDIA:	QBT3		All h
TIME COLLECTED (HH:MM)		1305		SUB-MEDIA:	TUFF 1		NA
PRS ID:	C-14-006	OK		SAMPLE TECH CODE:	HA		OK
LOCATION ID:	14-610661	↓		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 <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NA		
COMPOSITE TYPE:	NA			COMPOSITE TIME INTERVAL:	NA		WATER FLOWING: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
BOREHOLE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NA	BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION:	NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8082+8270+NME D-EXP	500 ML AMBER GLASS ✓	Ice	Y	
1		8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		METALS+U-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: Brown wet silty clay

FTB RE14-10-7691

SAMPLE COMMENTS:

NA

LOCATION DESC:

G-31 South West side of AOC
1/15/10

FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 16 dpm
BX ≤ 1852 dpmPID ambient reading 0.0 ppm
NE negative

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tracy McFarland	Date/Time 1/15/10 1550	RECEIVED BY G. Martinez AV (Printed Name) (Signature) [Signature]	Date/Time 1/15/10 1550
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7680

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		01/15/2010	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		1316	SUB-MEDIA:		TUFF1
PRS ID:	C-14-006	OK	SAMPLE TECH CODE:		HA
LOCATION ID:	14-610661	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	0	2.0	SAMPLE USAGE:		INV
BOTTOM DEPTH:	0	3.1	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+8270+NME D-EXP	500 ML AMBER GLASS	Ice	Y	
1		8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		METALS+U-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Brown sandy silt, few rocks

SAMPLE COMMENTS:

NA

LOCATION DESC:

6-3, South West side of AOC
LA 1/15/10

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 11$ dpm
 $\beta \leq 1845$ dpm

PID ambient reading 0.0 ppm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

R Saunders

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>TLMcFarland</i>	Date/Time 01/15/10 1550	RECEIVED BY (Printed Name) S. MARCZAK (Signature) <i>S. Marczak</i>	Date/Time 1/15/10 1550
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7681

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/15/2010		MEDIA: OBT3		A11h	
TIME COLLECTED (HH:MM)		1328		SUB-MEDIA: TUFF 1		NA	
PRS ID:	C-14-006	OK		SAMPLE TECH CODE: HA		ok	
LOCATION ID:	14-610662	↓		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	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C+NMED Exp	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		METALS+U-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Brown moist sandy silt

SAMPLE COMMENTS:

NA

LOCATION DESC:

G-4 Westside of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 16$ dpm
 $\text{BS} \leq 2080$ dpm

HE negative

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

COLLECTED BY (PRINT)

TLMCFarland

REVIEWED BY (PRINT)

RSO14510
 LARRY A. R Saunders

RELINQUISHED BY (Printed Name) TLMCFarland (Signature) TLMCFarland	Date/Time 1/15/10 1550	RECEIVED BY S. MARRAZZO (Printed Name) (Signature)	Date/Time 1/15/10 1550
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7682

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		01/15/2010	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		1340	SUB-MEDIA:		TUFF 1
PRS ID:	C-14-006	OK	SAMPLE TECH CODE:		HA
LOCATION ID:	14-610662	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	0	2.0	SAMPLE USAGE:		INV
BOTTOM DEPTH:	0	4.5	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	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C+NMED Exp	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		METALS+U-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Orangey brown sand and white pumice fragments
 FD RE14-10-7689

SAMPLE COMMENTS:

Pumice at 3' 7"

LOCATION DESC:

G-4 Westside of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 38$ dpm $\beta \leq 2090$ dpmPID $\frac{\text{reading}}{\text{ambient}} = \frac{0.0}{0.0}$ ppm

COLLECTED BY (PRINT)

T L McFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY

(Printed Name) T L McFarland

(Signature)

T L McFarland

Date/Time

1/15/10

1550

RECEIVED BY

(Printed Name)

(Signature)

G. M42774

G. M42774

Date/Time

1/15/10

1550

RELINQUISHED BY

(Printed Name)

Date/Time

RECEIVED BY

(Printed Name)

Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7683

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/15/2010		MEDIA:	OBT3		A11h
TIME COLLECTED(HH:MM)		1349		SUB-MEDIA:	TUFF 1		NA
PRS ID:	C-14-006	OK		SAMPLE TECH CODE:	HA		OK
LOCATION ID:	14-610663	↓		FIELD QC TYPE:	NA		↓
LOCATION TYPE:	GENERIC	↓		FIELD PREP:	NA		↓
TOP DEPTH:	0	0.0		SAMPLE USAGE:	INV		↓
BOTTOM DEPTH:	0	0.3		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	NO/NA			BOREHOLE DECLINATION:	NA		BOREHOLE DIRECTION:
					NA		NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C+NMED Exp	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		METALS+U-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Brown sandy clay, slightly ~~root~~ moist, roots and rocks

SAMPLE COMMENTS:

NA

LOCATION DESC:

G-1, north side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 16$ dpm
 $138 \leq 2050$ dpm
 PID $\frac{\text{ambient}}{\text{reading}} \frac{0.0}{0.0}$ ppm
 HE negative

COLLECTED BY (PRINT)

TLMcfarland

REVIEWED BY (PRINT)

Nickolas Gallegos

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) TLMcfarland	1/15/10	S. MARYAY	1/15/10
(Signature) Tray 207	1550	ML	1550
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7684

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		01/15/2010	MEDIA:	OBT3	A11h
TIME COLLECTED (HH:MM)		1403	SUB-MEDIA:	TUFF 1	NA
PRS ID:	C-14-006	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	14-610663	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	2.0	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	3.3	SCREEN/PORT DESC:		NA
FIELD MATRIX:	R	S	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
			WATER FLOWING: YES/NO/NA		
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION:	NA	
			BOREHOLE DIRECTION:	NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C+NMED Exp	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		METALS+U-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice	Y	
1	✓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light brown silty sand, some white pumice

SAMPLE COMMENTS:

NA

LOCATION DESC:

G-1, north side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 27$ dpm PID ambient reading $\frac{0.0}{0.0}$ ppm
 $B\beta \leq 2120$ dpm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Nicholas Gallegas

RELINQUISHED BY (Printed Name) TL McFarland (Signature) <i>Tracy Z...</i>	Date/Time 1/15/10 1550	RECEIVED BY S. M42244 (Printed Name) (Signature) <i>[Signature]</i>	Date/Time 1/15/10 1550
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7685

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/15/2010		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		1406		SUB-MEDIA:		TUFF1	
PRS ID:	C-14-006	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	14-610664	↓		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	↓		FIELD PREP:		NA	
TOP DEPTH:	0	0.0		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	0.5		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	B	S		EXCAVATED: YES/NO/NA		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	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C+NMED Exp	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		METALS+U-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Brown silty clay, moist, roots and rocks, grass, bark

SAMPLE COMMENTS:

NA

LOCATION DESC:

6-2 east side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 33 dpm
 B8 ≤ 1935 dpm

PID $\frac{\text{reading}}{\text{ambient}}$ $\frac{1.8}{0.0}$ ppm

HE negative

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Nicholas Gallegas

RELINQUISHED BY (Printed Name) TL McFarland (Signature) <i>TL McFarland</i>	Date/Time 1/15/10 1550	RECEIVED BY (Printed Name) S. MARZAY (Signature) <i>S. Marzay</i>	Date/Time 1/15/10 1550
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7686

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		01/15/2010	MEDIA:		QBT3
TIME COLLECTED(HH:MM)		1421	SUB-MEDIA:		TUFF 1
PRS ID:	C-14-006	OK	SAMPLE TECH CODE:		HA
LOCATION ID:	14-610664	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	0	2.0	SAMPLE USAGE:		INV
BOTTOM DEPTH:	0	4.0	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	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C+NMED Exp	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		METALS+U-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Brown sandy clay, moist, few white pumice fragments

SAMPLE COMMENTS:

NA

LOCATION DESC:

G-2 east side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

α ± 22 dpm
 Bγ ± 2100 dpm

PID ambient 0.0
 reading 0.0 ppm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Nicholas Gallegos

RELINQUISHED BY (Printed Name) TLMcFarland	Date/Time 1/15/10 1550	RECEIVED BY (Printed Name) S. MAR 07 Ay	Date/Time 1/15/10 1550
RELINQUISHED BY (Signature) Tray 762		(Signature) [Signature]	
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7687

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/15/2010		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		1439		SUB-MEDIA:		TUFF 1	
PRS ID: C-14-006		OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID: 14-610665		↓		FIELD QC TYPE: NA		↓	
LOCATION TYPE: GENERIC		↓		FIELD PREP: NA		↓	
TOP DEPTH: 0		0.0		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH: 0		0.8		SCREEN/PORT DESC:		NA	
FIELD MATRIX: B		S		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C+NMED Exp	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		METALS+U-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Dark brown clay

SAMPLE COMMENTS:

NA

LOCATION DESC:

6-5, center of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 16 dpm
 BX ≤ 1769 dpm

PID ambient reading 0.0 / 0.0 ppm
 HE negative

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Nickolas Gallegos

RELINQUISHED BY (Printed Name) TL McFarland (Signature) Tracy Zatz	Date/Time 1/15/10 1550	RECEIVED BY S. MARATHU (Printed Name) (Signature)	Date/Time 1/15/10 1550
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7688

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		01/15/2010	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		1447	SUB-MEDIA:		TUFF 1
PRS ID:	C-14-006	ok	SAMPLE TECH CODE:		HA
LOCATION ID:	14-610665	↓	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	↓	FIELD PREP:		NA
TOP DEPTH:	0	2.4	SAMPLE USAGE:		INV
BOTTOM DEPTH:	0	3.5	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	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C+NMED Exp	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		METALS+U-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: Brown moist clayey silt, few rocks and roots

FD RE14-10-7693

SAMPLE COMMENTS:

NA

LOCATION DESC:

6.5, center of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 16$ dpm
 $\text{BY} \leq 2000$ dpm
PID ambient reading $\frac{0.0}{0.0}$ ppm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Nikolas Gallegos

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Tray Z...	Date/Time 1/15/10 1550	RECEIVED BY S. MARRAN (Printed Name) (Signature) M	Date/Time 1/15/10 1550
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7689

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		01/15/2010		MEDIA: QBT3		Allh	
TIME COLLECTED(HH:MM)		1340		SUB-MEDIA: TUFF 1		NA	
PRS ID:	C-14-006	OK		SAMPLE TECH CODE: HA		OK	
LOCATION ID:	UNK	14-610662		FIELD QC TYPE: ED		↓	
LOCATION TYPE:	GENERIC	OK		FIELD PREP: NA			
TOP DEPTH:	0	2.0		SAMPLE USAGE: QC			
BOTTOM DEPTH:	0	4.5		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	13m 1/15/10 8082+8270+NME D-EXP	500 ML AMBER GLASS	Ice	Y	
1		8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None	Y	
1		METALS+U- GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: QC Sample of RE14-10-7682

Orangy brown sand and white pumice fragments

SAMPLE COMMENTS:

Pumice at 3'7"

LOCATION DESC:

G-4, West side of AOC

FIELD SCREENING/MEASUREMENT RESULTS:

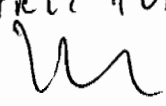
 $\alpha \leq 38$ dpm
 $\text{BX} \leq 2090$ dpm
PID $\frac{\text{reading}}{\text{ambient}} = \frac{0.0}{0.0}$ ppm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) Troy Ratz	Date/Time 1/15/10 1550	RECEIVED BY (Printed Name) S. MARIT AU (Signature) 	Date/Time 1/15/10 1550
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7690

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-14-006		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+8270+NME D-EXP	500 ML AMBER GLASS	Ice		
1		8260B	125 ML SEPTUM AMBER GLASS	Ice		
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None		
1		METALS+U-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+ N03+pH	500 ML 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)

TL McFarland

REVIEWED BY (PRINT)

K. Henderson

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

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7691

WORK ORDER:

<u>AS PLANNED</u>		<u>AS COLLECTED</u>	<u>AS PLANNED</u>		<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		01/15/2010	MEDIA:	NA	OK
TIME COLLECTED (HH:MM)		1302	SUB-MEDIA:	OTHER	
PRS ID:	C-14-006	OK	SAMPLE TECH CODE:	DC	
LOCATION ID:	UNK		FIELD QC TYPE:	FTB	
LOCATION TYPE:	GENERIC		FIELD PREP:	NA	
TOP DEPTH:	Q		SAMPLE USAGE:	QC	
BOTTOM DEPTH:	Q		SCREEN/PORT DESC:		
FIELD MATRIX:	S		EXCAVATED: YES/NO/NA		NA
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
BOREHOLE: YES/NO/NA			WATER FLOWING: YES/NO/NA		
BOREHOLE DECLINATION:	NA		BOREHOLE DIRECTION:	NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B Trip Blank	40 ML SEPTUM AMBER GLASS	Ice	Y	

SAMPLE DESC: QC Sample of RE14-10-7679

SAMPLE COMMENTS:

FTB

LOCATION DESC:

None

FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

TLMcFarlane

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) TLMcFarlane (Signature) TLMcFarlane	Date/Time 1/15/10 1550	RECEIVED BY (Printed Name) S. MARTIN (Signature) [Signature]	Date/Time 1/15/10 1550
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7692

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-14-006		SAMPLE TECH CODE:	DC
LOCATION ID: UNK		FIELD QC TYPE:	FTB
LOCATION TYPE: GENERIC		FIELD PREP:	NA
TOP DEPTH: 0		SAMPLE USAGE:	QC
BOTTOM DEPTH: 0		SCREEN/PORT DESC:	
FIELD MATRIX: S		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
2		8260B Trip Blank	40 ML SEPTUM AMBER GLASS	Ice		

SAMPLE DESC: QC Sample of

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

TLMcFarlane

REVIEWED BY (PRINT)

K. Henderson

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: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7693

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		01/15/2010	MEDIA:		NA
TIME COLLECTED (HH:MM)		1456	SUB-MEDIA:		OTHER
PRS ID:	C-14-006	OK	SAMPLE TECH CODE:		QC
LOCATION ID:	UNK	14-610665	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		NO3NO2	250 ML POLY	Sulfuric Acid Ice (Hydrogen Sulfate) Tag 11/5/10	Y	
1		SW-846:6850	250 ML POLY	Ice	Y	
1		TCN	500 ML POLY	Sodium Hydroxide	Y	

SAMPLE DESC: QC Sample of RE14-10-7688

SAMPLE COMMENTS:

Rinsate

LOCATION DESC:

NA

FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Nicholas Gallegos

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) MARIN	1/20/10	(Printed Name) Sherri Sheppard	1/20/10
(Signature) [Signature]	09:42	(Signature) [Signature]	942
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2492

EVENT NAME: 4th Qtr. FY09 - AOC C-14-006 - Threemile Canyon

SAMPLE ID: RE14-10-7694

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-14-006		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		NO3NO2	250 ML POLY	Sulfuric Acid (Hydrogen Sulfate)		
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)

TLMcFarland

REVIEWED BY (PRINT)

K. Henderson

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