

SAMPLE COLLECTION LOG TRAVELER

EVENT #  
2492

DATE	REVIEWER	COMMENTS
1/28/10	S. MARCZAK	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	Allh
TIME COLLECTED (HH:MM)		1305	SUB-MEDIA:	TUFF1	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"/> NA
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: *6-31 South West side of AOC 1/15/10*

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 16$  dpm  
 $\beta \leq 1852$  dpm

PID *ambient reading*  $\frac{0.0}{0.0}$  ppm  
 HE *negative*

COLLECTED BY (PRINT) TLMcFarland

REVIEWED BY (PRINT) *Larry A. Lopez*

RELINQUISHED BY (Printed Name) TLMcFarland (Signature) <i>Tracy McFarland</i>	Date/Time 1/15/10 1550	RECEIVED BY <i>G. MAROZ AV</i> (Printed Name) <i>GM</i> (Signature) <i>GM</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: RE14-10-7680

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:	QBT3	Allh
TIME COLLECTED (HH:MM)		1316	SUB-MEDIA:	TUFF1	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		2.0	SAMPLE USAGE: INV		↓
BOTTOM DEPTH: 0		3.1	SCREEN/PORT DESC:		NA
FIELD MATRIX: R		S	EXCAVATED: YES/ <del>NO</del> /NA		
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	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:

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

FIELD SCREENING/MEASUREMENT RESULTS:

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

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

COLLECTED BY (PRINT)

*T. McFarland*

REVIEWED BY (PRINT)

*R Saunders*

RELINQUISHED BY (Printed Name) <i>T. McFarland</i> (Signature) <i>T. McFarland</i>	Date/Time <i>01/15/10</i> <i>1550</i>	RECEIVED BY (Printed Name) <i>S. MARCZAK</i> (Signature) <i>[Signature]</i>	Date/Time <i>1/15/10</i> <i>1550</i>
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:

	<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: OBT3	Allh
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 <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"/> 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: *HE negative*  
 $\alpha \leq 16$  dpm      *PID reading 0.0 / ambient 0.0 ppm*  
 $\text{BS} \leq 2080$  dpm

COLLECTED BY (PRINT) *TLMCFarland*

REVIEWED BY (PRINT) *RSO14510 / [Signature] R Saunders*

RELINQUISHED BY (Printed Name) TLMCFarland (Signature) <i>TLMCFarland</i>	Date/Time 1/15/10 1550	RECEIVED BY S. MARRAZZO (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: RE14-10-7682

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:	QBT3
TIME COLLECTED (HH:MM)		1340	SUB-MEDIA:	TUFF 1
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		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:**

α ≤ 38 dpm  
β ≤ 2090 dpm

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

**COLLECTED BY (PRINT)**

TLMcFarland

**REVIEWED BY (PRINT)**

Larry A. Lopez

<b>RELINQUISHED BY</b>	<b>Date/Time</b>	<b>RECEIVED BY</b>	<b>Date/Time</b>
(Printed Name) TLMcFarland	1/15/10	G. MARZANA	1/15/10
(Signature)	1550		1550
<b>RELINQUISHED BY</b>	<b>Date/Time</b>	<b>RECEIVED BY</b>	<b>Date/Time</b>
(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: RE14-10-7683

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:	QBT3	A11h
TIME COLLECTED (HH:MM)		1349	SUB-MEDIA:	TUFF1	NA
PRS ID: C-14-006		OK	SAMPLE TECH CODE: HA		OK
LOCATION ID: 14-610663		↓	FIELD QC TYPE: NA		↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA		↓
TOP DEPTH: 0		0.0	SAMPLE USAGE: <u>INV</u>		↓
BOTTOM DEPTH: 0		0.3	SCREEN/PORT DESC:		NA
FIELD MATRIX: R		S	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: <u>NA</u>		BOREHOLE DIRECTION: <u>NA</u>

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

COLLECTED BY (PRINT) TL McFarland      REVIEWED BY (PRINT) Nickolas Gallegos

RELINQUISHED BY (Printed Name) TL McFarland (Signature) <i>TL McFarland</i>	Date/Time 1/15/10 1550	RECEIVED BY (Printed Name) S. MARUAY (Signature) <i>SM</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: RE14-10-7684

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:	OBT3
TIME COLLECTED (HH:MM)		1403	SUB-MEDIA:	TUFF 1
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 0.0 / 0.0 ppm*  
 $B\gamma \leq 2120$  dpm

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 <u>S. MAZUR</u> (Printed Name) (Signature) <i>S. Mazur</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	Allh
TIME COLLECTED (HH:MM)		1406	SUB-MEDIA:	TUFF1	NA
PRS ID: C-14-006		OK	SAMPLE TECH CODE: HA		ok
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		
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: 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      PID reading 1.8 ppm  
 β ≤ 1935 dpm      ambient 0.0 ppm  
 HE negative

COLLECTED BY (PRINT) TL McFarland

REVIEWED BY (PRINT) Nickolas Gallegas

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

	<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:	QBT3	A11h
TIME COLLECTED (HH:MM)		1421	SUB-MEDIA:	TUFF1	NA
PRS ID: C-14-006		OK	SAMPLE TECH CODE: HA		ok
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/ <input checked="" type="radio"/> /NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/ <input checked="" type="radio"/> /NA
BOREHOLE: YES/ <input checked="" type="radio"/> /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:  
*a ± 22 dpm      PID ambient reading 0.0 / 0.0 ppm*  
*BY ± 2100 dpm*

COLLECTED BY (PRINT) TL McFarland

REVIEWED BY (PRINT) Nickolas Gallegos

RELINQUISHED BY (Printed Name) <u>TL McFarland</u>	Date/Time <u>1/15/10</u> <u>1550</u>	RECEIVED BY (Printed Name) <u>S. MARUZ Ay</u>	Date/Time <u>1/15/10</u> <u>1550</u>
RELINQUISHED BY (Printed Name) <u>Tracy Katz</u>		RECEIVED BY (Printed Name) <u>[Signature]</u>	

# 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	Allh
TIME COLLECTED (HH:MM)		1439	SUB-MEDIA:	TUFF1	NA
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      PID ambient reading 0.0 ppm  
 β ≤ 1769 dpm      HE negative

COLLECTED BY (PRINT) TL McFarland      REVIEWED BY (PRINT) Nickolas Gallegos

RELINQUISHED BY (Printed Name) TL McFarland (Signature) <i>Tracy Ratz</i>	Date/Time 1/15/10 1550	RECEIVED BY (Printed Name) S. MARATHU (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: RE14-10-7688

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		01/15/2010	MEDIA:	QBT3	A11h
TIME COLLECTED (HH:MM)		1447	SUB-MEDIA:	TUFF1	NA
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		2.4	SAMPLE USAGE: INV		↓
BOTTOM DEPTH: 0		3.5	SCREEN/PORT DESC:		NA
FIELD MATRIX: B		S	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	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      PID *ambient reading*  $\frac{0.0}{0.0}$  ppm  
 $\text{BY} \leq 2000$  dpm

COLLECTED BY (PRINT)  
 TL McFarland

REVIEWED BY (PRINT) *Nickolas Gallegos*

RELINQUISHED BY (Printed Name) TL McFarland (Signature) <i>Tracy Z...</i>	Date/Time 11/15/10 1550	RECEIVED BY <i>S. MARRAN</i> (Printed Name) (Signature) <i>U</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: RE14-10-7689

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 <del>8082</del> +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:**

*α ≤ 38 dpm  
β ≤ 2090 dpm*

*PID reading 0.0  
ambient 0.0 ppm*

**COLLECTED BY (PRINT)**

*TL McFarland*

**REVIEWED BY (PRINT)**

*LARRY A. LOPEZ*

<b>RELINQUISHED BY</b> (Printed Name) <i>TL McFarland</i> (Signature) <i>Troy Rat</i>	<b>Date/Time</b> 1/15/10 1550	<b>RECEIVED BY</b> (Printed Name) <i>S. MARIT AU</i> (Signature) <i>[Signature]</i>	<b>Date/Time</b> 1/15/10 1550
<b>RELINQUISHED BY</b> (Printed Name)	<b>Date/Time</b>	<b>RECEIVED BY</b> (Printed Name)	<b>Date/Time</b>

# 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:

not collected  
73m 1/15/10

CPL

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

K. Henderson

<b>RELINQUISHED BY</b> (Printed Name) (Signature)	<b>Date/Time</b>	<b>RECEIVED BY</b> (Printed Name) (Signature)	<b>Date/Time</b>
<b>RELINQUISHED BY</b> (Printed Name)	<b>Date/Time</b>	<b>RECEIVED BY</b> (Printed Name)	<b>Date/Time</b>

# 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: 0			SAMPLE USAGE: QC	↓
BOTTOM DEPTH: 0			SCREEN/PORT DESC:	NA
FIELD MATRIX: S		↓	EXCAVATED: YES/ <input checked="" type="checkbox"/> /NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	
			WATER FLOWING: YES/ <input checked="" type="checkbox"/> /NA	
BOREHOLE: YES/ <input checked="" type="checkbox"/> /NA			BOREHOLE DECLINATION: NA	
			BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTR	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

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

CPL

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

Not collected  
73m 1/15/10

COLLECTED BY (PRINT)

TLMcFarlane

REVIEWED BY (PRINT)

K. Henderson

<b>RELINQUISHED BY</b> (Printed Name) (Signature)	<b>Date/Time</b>	<b>RECEIVED BY</b> (Printed Name) (Signature)	<b>Date/Time</b>
<b>RELINQUISHED BY</b> (Printed Name) (Signature)	<b>Date/Time</b>	<b>RECEIVED BY</b> (Printed Name) (Signature)	<b>Date/Time</b>

# 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:

	<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)		1456	SUB-MEDIA:	OTHER	
PRS ID: C-14-006		OK	SAMPLE TECH CODE:	DC	
LOCATION ID: UNK		14-610665	FIELD QC TYPE:	ER	
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) 7M 1/15/10	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)

Nikolas Gallegos

<b>RELINQUISHED BY</b> (Printed Name) <b>MARIN</b> (Signature) <i>Janet Marin</i>	<b>Date/Time</b> 1/20/10 09:42	<b>RECEIVED BY</b> (Printed Name) <b>Sherril Sheppard</b> (Signature) <i>Sherril Sheppard</i>	<b>Date/Time</b> 1/20/10 942
<b>RELINQUISHED BY</b> (Printed Name) (Signature)	<b>Date/Time</b>	<b>RECEIVED BY</b> (Printed Name) (Signature)	<b>Date/Time</b>

# 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:

	<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:	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:

not collected  
73m 1/15/10

CPL

COLLECTED BY (PRINT)  
TLMcFarland

REVIEWED BY (PRINT) K. Henderson

<b>RELINQUISHED BY</b> (Printed Name) (Signature)	Date/Time	<b>RECEIVED BY</b> (Printed Name) (Signature)	Date/Time
<b>RELINQUISHED BY</b> (Printed Name) (Signature)	Date/Time	<b>RECEIVED BY</b> (Printed Name) (Signature)	Date/Time