

SAMPLE COLLECTION LOG TRAVELLER

EVENT #
2481

DATE	REVIEWER	COMMENTS
1/5/09	S. A.	no xy, not checked
2/10/10	S. MALLON	completed

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7288

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/18/2009		MEDIA:	QBT3		Allh
TIME COLLECTED (HH:MM)		1033		SUB-MEDIA:	TUFF 1		NA
PRS ID:	12-004(b)	ok		SAMPLE TECH CODE:	HA		ok
LOCATION ID:	12-610553			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		
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		AM241+GS+ISO PU+ISOU	1 LITER POLY 13M 12/18/09	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:

Light brown sandy silt, slightly damp

SAMPLE COMMENTS:

NA

LOCATION DESC:

4b-2, west of pipe 10 ft

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 16$ dpm

HE negative

BX ≤ 2190 dpm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

Larry A. Lopez

RELINQUISHED BY (Printed Name) Larry A. Lopez (Signature) Larry A. Lopez	Date/Time 12/18/09 16:20	RECEIVED BY (Printed Name) S. MARCZAK (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: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7289

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)		1044		SUB-MEDIA:	TUFF 1		
PRS ID:	12-004(b)	ok		SAMPLE TECH CODE:	HA		
LOCATION ID:	12-610553	↓		FIELD QC TYPE:	NA		
LOCATION TYPE:	GENERIC			FIELD PREP:	NA		
TOP DEPTH:	0	2.2		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	8082+8270+NME D-EXP	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY 24m 12/18/09	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:

Brownish gray dry stuff

SAMPLE COMMENTS: NA

LOCATION DESC: 4b-2

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 44$ dpm

1386 2200 dpm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Larry A. Lopez

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

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7290

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/18/2009	MEDIA:	OBT3	ok
TIME COLLECTED (HH:MM)		1110	SUB-MEDIA:	TUFF 1	
PRS ID:	12-004(b)	ok	SAMPLE TECH CODE:	HA	
LOCATION ID:	12-610553		FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC		FIELD PREP:	NA	
TOP DEPTH:	0	5.0	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	6.0	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	8082+8270+NME D-EXP	500 ML AMBER GLASS	Ice	y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY 72m 12/18/09	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:

Pinkish gray dry Tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 4b-2

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 38$ dpm
 $\beta \leq 2560$ dpm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Lacey A. Lopez

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

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7291

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/18/2009		MEDIA: OBT3		AG 12/18/2009 OK Allh	
TIME COLLECTED (HH:MM)		11:30		SUB-MEDIA: TUFF1		NA	
PRS ID:	12-004(b)	OK		SAMPLE TECH CODE: HA		OK 72M 01/05/10	
LOCATION ID:	12-610554	↓		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	8270C+NMED Exp	500 ML AMBER GLASS	Ice	y	
1	↓	AM241+GS+ISO PU+ISOU	1 LITER POLY AG 12/18/2009	None	↓	
1	↓	Met+U+CLO4+C N	1 GAL POLY IL	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	↓	

SAMPLE DESC: Dry brown top soil with hff fragments

SAMPLE COMMENTS: None

LOCATION DESC: 4b-1

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 60$ dpm

HE negative

 $Bq \leq 2300$

COLLECTED BY (PRINT)

Larry A. Lopez

REVIEWED BY (PRINT)

Alufunso

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Larry A. Lopez	12/18/09	S. MARRAS	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: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7292

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)		1145	SUB-MEDIA:	TUFF 1	
PRS ID:	12-004(b)	ok	SAMPLE TECH CODE:	HA	
LOCATION ID:	12-610554		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 / <input checked="" type="checkbox"/> NO / NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
			WATER FLOWING: YES / <input checked="" type="checkbox"/> NO / NA		
BOREHOLE: YES / <input checked="" type="checkbox"/> NO / NA			BOREHOLE DECLINATION:	NA	
			BOREHOLE DIRECTION:	NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8270C+NMED Exp	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None		
1		Met+U+CLO4+C N	1 GAL POLY L AG 12/18/2009	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC: Light/brown white tuff Rinsate: RE12-10-7290SAMPLE COMMENTS: ^{74 12/18/2009} ~~None~~ Interface: 2.5' bgs

LOCATION DESC: 4b-1

FIELD SCREENING/MEASUREMENT RESULTS:

α c. 33 dpm
B/g L 2700 dpm

COLLECTED BY (PRINT)

REVIEWED BY (PRINT)

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

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7293

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/18/2009		MEDIA:	QBT3		
TIME COLLECTED (HH:MM)		1200		SUB-MEDIA:	TUFF 1		OK
PRS ID:	12-004(b)	OK		SAMPLE TECH CODE:	HA		
LOCATION ID:	12-610554			FIELD QC TYPE:	NA		
LOCATION TYPE:	GENERIC			FIELD PREP:	NA		
TOP DEPTH:	0	5.0		SAMPLE USAGE:	INV		
BOTTOM DEPTH:	0	6.0		SCREEN/PORT DESC:	NA		
FIELD MATRIX:	R	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	8270C+NMED Exp	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None		
1		Met+U+CLO4+C N	1 GAL POLY L 29 12/18/2009	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC: Gray weakly indurated → indurated tuffs

SAMPLE COMMENTS: None

LOCATION DESC: 12-004b - 01

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 38 \text{ dpm}$ $B_{10} \leq 2300 \text{ dpm}$

COLLECTED BY (PRINT)

A. Goumas

REVIEWED BY (PRINT) TLMcFarland

RELINQUISHED BY (Printed Name) Larry A. Lopez (Signature) Larry A. Lopez	Date/Time 12/18/09 16:20	RECEIVED BY (Printed Name) S. MARRAS (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: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7294

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: 12-004(b)		SAMPLE TECH CODE:	HA
LOCATION ID: UNK		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		8082+8270+NME D-EXP	500 ML AMBER GLASS	Ice		
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None		
1		Met+U+CLO4+C N	1 GAL POLY	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC:

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

A. Gorman

RELINQUISHED BY (Printed Name) Larry A. Lopez (Signature) Larry A. Lopez	Date/Time 12/18/09 16:20	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: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7295

WORK ORDER:

<u>AS PLANNED</u>		<u>AS COLLECTED</u>	<u>AS PLANNED</u>		<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):			MEDIA: <u>QBT3</u>		
TIME COLLECTED (HH:MM)			SUB-MEDIA: <u>TUFF 1</u>		
PRS ID: <u>12-004(b)</u>			SAMPLE TECH CODE: <u>HA</u>		
LOCATION ID: <u>UNK</u>			FIELD QC TYPE: <u>NA</u>		
LOCATION TYPE: <u>GENERIC</u>			FIELD PREP: <u>NA</u>		
TOP DEPTH: <u>0</u>			SAMPLE USAGE: <u>INV</u>		
BOTTOM DEPTH: <u>0</u>			SCREEN/PORT DESC:		
FIELD MATRIX: <u>R</u>			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		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:

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)
TL McFarlaneREVIEWED BY (PRINT) A. Goumas

RELINQUISHED BY (Printed Name) <u>Larry A. Lopez</u> (Signature) <u>Larry A. Lopez</u>	Date/Time <u>12/18/09</u> <u>16:20</u>	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: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7296

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/18/2009		MEDIA:	QBT3	12/18/09	OK
TIME COLLECTED (HH:MM)		11:30		SUB-MEDIA:	TUFF I	12/18/2009	NA
PRS ID:	12-004(b)	OK		SAMPLE TECH CODE:	HA	OK	
LOCATION ID:	UNK	12-610554		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	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+8270+NME D-EXP	500 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None		
1		Met+U+CLO4+C N	1 GAL POLY L AG 12/18/09	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC: QC Sample of RE12-10-7291, Dry brown top soil with tuff fragments

SAMPLE COMMENTS: None

LOCATION DESC: 12-004b - 1

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 60$ dpm HE Neg $B/\theta \leq 2160$ dpm

COLLECTED BY (PRINT)

Larry A. Lopez

REVIEWED BY (PRINT)

C. MARCAY

RELINQUISHED BY (Printed Name) Larry A. Lopez (Signature) Larry A. Lopez	Date/Time 12/18/09 16:20	RECEIVED BY (Printed Name) C. MARCAY (Signature) M	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: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7297

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:	12-004(b)		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+8270+NME D-EXP	500 ML AMBER GLASS	Ice		
1		AM241+GS+ISO PU+ISOU	1 LITER POLY	None		
1		Met+U+CLO4+C N	1 GAL POLY	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC: QC Sample of

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

TLMC Farland

REVIEWED BY (PRINT)

A. Gorman

RELINQUISHED BY (Printed Name) Larry A. Lopez (Signature) Larry A. Lopez	Date/Time 12/18/09 16520	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: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7298

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/18/2009		MEDIA: NA		OK	
TIME COLLECTED (HH:MM)		1200		SUB-MEDIA: OTHER			
PRS ID:	12-004(b)	OK		SAMPLE TECH CODE: DC			
LOCATION ID:	UNK	12-610554		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	↓	SW-846:6850	250 ML POLY	Ice	↓	
1	↓	TCN	500 ML POLY	Sodium Hydroxide	↓	

SAMPLE DESC: QC Sample of RE12 - 10 - 7292

SAMPLE COMMENTS: None

LOCATION DESC: 12 - 004b - 01

FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

A. Groumas

REVIEWED BY (PRINT) TLMcFarland

RELINQUISHED BY (Printed Name) Larry A Lopez (Signature) Larry A Lopez	Date/Time 12/18/09 16:20	RECEIVED BY (Printed Name) S. MAROTTA (Signature) M	Date/Time 12/18/09 16:20
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7299

WORK ORDER:

<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		MEDIA: <u>NA</u>	
TIME COLLECTED (HH:MM)		SUB-MEDIA: <u>OTHER</u>	
PRS ID: <u>12-004(b)</u>		SAMPLE TECH CODE: <u>DC</u>	
LOCATION ID: <u>UNK</u>		FIELD QC TYPE: <u>FR</u>	
LOCATION TYPE: <u>GENERIC</u>		FIELD PREP: <u>UF</u>	
TOP DEPTH: <u>0</u>		SAMPLE USAGE: <u>QC</u>	
BOTTOM DEPTH: <u>0</u>		SCREEN/PORT DESC:	
FIELD MATRIX: <u>W</u>		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)

TL McFarlane

REVIEWED BY (PRINT) A. Gsumas

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Larry A. Lopez</u>	<u>12/15/09</u>	(Printed Name)	
(Signature) <u>Larry A. Lopez</u>	<u>16:20</u>	(Signature)	
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7867

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		12/18/2009		MEDIA: NA		ok	
TIME COLLECTED (HH:MM)		1337		SUB-MEDIA: OTHER			
PRS ID: 12-004(b)		ok		SAMPLE TECH CODE: M			
LOCATION ID: 12-610702				FIELD QC TYPE: NA			
LOCATION TYPE: GENERIC				FIELD PREP: NA			
TOP DEPTH: 0				SAMPLE USAGE: INV			
BOTTOM DEPTH: 0				SCREEN/PORT DESC: NA			
FIELD MATRIX: SWP				EXCAVATED: YES / <input checked="" type="radio"/> NO / NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES / <input checked="" type="radio"/> NO / NA			
BOREHOLE: YES / <input checked="" type="radio"/> NO / NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	SWP-Am-241	1 EA 8 IN RESEALABLE POLY BAG	None	Y	
1		SWP-GS	1 EA 8 IN RESEALABLE POLY BAG	None	Y	
1		SWP-ISOPU	1 EA 8 IN RESEALABLE POLY BAG	None	Y	
1		SWP-ISOU	1 EA 8 IN RESEALABLE POLY BAG	None	Y	
1		SWP-NMED-Exp	1 EA 8 IN RESEALABLE POLY BAG	None	Y	
1		SWP-U	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

swipe sample from interior of pipe

SAMPLE COMMENTS:

NA

LOCATION DESC:

Interior of pipe

FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

TLM cFarland

REVIEWED BY (PRINT)

Larry A. Lopez

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

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2481

EVENT NAME: 4th Qtr. FY09 - AOC 12-004(b) - Threemile Canyon

SAMPLE ID: RE12-10-7868

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		12/18/2009	MEDIA:	NA	ok
TIME COLLECTED (HH:MM)		1345	SUB-MEDIA:	OTHER	
PRS ID:	12-004(b)	ok	SAMPLE TECH CODE:	M	
LOCATION ID:	12-610703	12-610702	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	ok	FIELD PREP:	NA	
TOP DEPTH:	0		SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0		SCREEN/PORT DESC:	NA	
FIELD MATRIX:	SWP		EXCAVATED: YES/NO/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:		
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION:	NA	
			BOREHOLE DIRECTION:	NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	SWP-Am-241	1 EA 8 IN RESEALABLE POLY BAG	None	y	
1		SWP-GS	1 EA 8 IN RESEALABLE POLY BAG	None	y	
1		SWP-ISOPU	1 EA 8 IN RESEALABLE POLY BAG	None	y	
1		SWP-ISOU	1 EA 8 IN RESEALABLE POLY BAG	None	y	
1		SWP-NMED-Exp	1 EA 8 IN RESEALABLE POLY BAG	None	y	
1		SWP-U	1 EA 8 IN RESEALABLE POLY BAG	None	y	

SAMPLE DESC:

swipe sample from exterior of pipe

SAMPLE COMMENTS:

NA

LOCATION DESC:

Exterior of pipe

FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

Lacey A. Lopez

RELINQUISHED BY (Printed Name) Lacey A. Lopez (Signature) Lacey A. Lopez	Date/Time 12/18/09 1620	RECEIVED BY (Printed Name) S. MARRAZAN (Signature) [Signature]	Date/Time 12/18/09 1620
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time