

SAMPLE COLLECTION LOG TRAVELER

EVENT #
2504

DATE	REVIEWER	COMMENTS
3/3/10	S. M	noxy, not checked
3/16/10	S. MARCHAN	completed

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8240

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/13/2010		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		09:55		SUB-MEDIA:		TUFF 1	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	15-610819			FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC			FIELD PREP:		NA	
TOP DEPTH:	0	4.0 ft		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	5.0 ft		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: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light gray, non indurated, non welded, devitrified, dry, ash flow tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

HE Spot Test + Negative
 Alpha = 23 dpm
 Beta/Gamma = 2028 dpm
 2280

ppm 2/13/10
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

REVIEWED BY (PRINT)

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) JON MARIN	2/13/10	(Printed Name)	2/13/10
(Signature) Jon R Marin	1442	(Signature)	7:40
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8241

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/13/2010		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		11:45		SUB-MEDIA:		TUFF 1	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	15-610819			FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC			FIELD PREP:		NA	
TOP DEPTH:	0	19.0 ft		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	20.0 ft		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	OK		EXCAVATED: YES		NO	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES		NO	
BOREHOLE: YES NO/NA		BOREHOLE DECLINATION: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	ARM 2/13/10 8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light gray, non indurated, nonwelded, devitrified, dry, ash flow tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \pm 47 dpm
Beta/Gamma \pm 2600 dpm

ARM 2/13/10
PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

L. Lopez

REVIEWED BY (PRINT)

J. MARIN

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) JON MARIN	2/13/10	(Printed Name)	2/13/10
(Signature) Jon R. Marin	1442	(Signature)	2:42
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8242

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/13/2010		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		12:15		SUB-MEDIA:		TUFF1	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	15-610819			FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC			FIELD PREP:		NA	
TOP DEPTH:	0	33.0 ft		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	35.0 ft		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	OK		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA		YES/NO/NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	2082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light brownish gray, slightly indurated, no welded, devitrified, dry, ash flow tuff.

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \leq 17 dpm
Beta/Gamma \leq 2400 dpm

2/13/10
PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

REVIEWED BY (PRINT) J. MARIN

RELINQUISHED BY (Printed Name) JON MARIN (Signature) J. R. Marin	Date/Time 2/13/10 1442	RECEIVED BY (Printed Name) [Signature] (Signature) [Signature]	Date/Time 2/13/10 2:42
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8243

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/13/2010		MEDIA:	QBT3		OK
TIME COLLECTED (HH:MM)		12:31		SUB-MEDIA:	TUFF 1		OK
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:	HA		CBS
LOCATION ID:	15-610819	1		FIELD QC TYPE:	NA		OK
LOCATION TYPE:	GENERIC	1		FIELD PREP:	NA		1
TOP DEPTH:	0	49.0 ft		SAMPLE USAGE:	INV		1
BOTTOM DEPTH:	0	50.0 ft		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:	-90°		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1	1	H3	500 ML POLY	Ice	Y	
1	1	Metals+ClO4+CN	500 ML POLY	Ice	Y	
1	1	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light brownish gray, non indurated, non welded, devitrified, dry, ash flow tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \leq 53 dpm
Beta/Gamma \leq 250 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

L. Lopez

REVIEWED BY (PRINT) J. Marin

RELINQUISHED BY (Printed Name) JORV MARIN (Signature) J. R. Marin	Date/Time 2/13/10 1442	RECEIVED BY (Printed Name) (Signature)	Date/Time 2/13/10 1442
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8244

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/13/2010		MEDIA:	QBT3		OK
TIME COLLECTED(HH:MM)		1300		SUB-MEDIA:	TUFF 1		OK
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:	HA		CBS
LOCATION ID:	15-610819			FIELD QC TYPE:	NA		OK
LOCATION TYPE:	GENERIC			FIELD PREP:	NA		
TOP DEPTH:	0	64 ft		SAMPLE USAGE:	INV		
BOTTOM DEPTH:	0	65 ft		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:	-90°		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light gray, non-indurated, non-welded, devitrified, dry, ash flow tuff.

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \leq 89 dpm
Beta/Gamma \leq 2770 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

L. Lopez

REVIEWED BY (PRINT)

J. M. MARIN

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) JON MARIN	2/13/10	(Printed Name)	2/13/10
(Signature) Jon R. Marin	1442	(Signature)	2142
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8245

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/13/2010		MEDIA:		QBT3	
TIME COLLECTED(HH:MM)		13:25		SUB-MEDIA:		TUFF 1	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	15-610819	+		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	+		FIELD PREP:		NA	
TOP DEPTH:	0	79.0 ft		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	80.0 ft		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		BOREHOLE DECLINATION: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	ARM 2/13/10 8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light gray, slightly indurated, nonwelded, dehydrified

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 47 dpm
Beta/Gamma = 2450 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

REVIEWED BY (PRINT) J. Marin

RELINQUISHED BY (Printed Name) JON MARIN (Signature) Jon R. Marin	Date/Time 2/13/10 1442	RECEIVED BY (Printed Name) [Signature] (Signature) [Signature]	Date/Time 2/13/10 2:40
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8246

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/13/2010		MEDIA: QBT3		OK	
TIME COLLECTED(HH:MM)		13:50		SUB-MEDIA: TUFF-1		OK	
PRS ID: 15-007(d)		OK		SAMPLE TECH CODE: HA		CBS	
LOCATION ID: 15-610819				FIELD QC TYPE: NA		OK	
LOCATION TYPE: GENERIC				FIELD PREP: NA			
TOP DEPTH: 0		104.0 ft		SAMPLE USAGE: INV			
BOTTOM DEPTH: 0		105.0 ft		SCREEN/PORT DESC:		N/A	
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: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+CIO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light gray, non indurated, non welded, devitrified, dry, ash flow tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \leq 41 dpm
Beta/Gamma \leq 2230 dpm

$\frac{\text{PID Ambient Reading}}{2/13/10} = \text{ppm}$

COLLECTED BY (PRINT)

REVIEWED BY (PRINT)

RELINQUISHED BY (Printed Name) JON MARIN (Signature) Jon R. Marin	Date/Time 2/13/10 1442	RECEIVED BY (Printed Name) (Signature)	Date/Time 2/13/10 2:40
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8247

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/15/2010		MEDIA:	QBT3		OK
TIME COLLECTED (HH:MM)		0905		SUB-MEDIA:	TUFF 1		OK
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:	HA		CBS
LOCATION ID:	15-610819			FIELD QC TYPE:	NA		
LOCATION TYPE:	GENERIC			FIELD PREP:	NA		
TOP DEPTH:	0	109.0 ft		SAMPLE USAGE:	INV		
BOTTOM DEPTH:	0	110.0 ft		SCREEN/PORT DESC:			NA
FIELD MATRIX:	R	OK		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE:	NA			COMPOSITE TIME INTERVAL:	NA		
BOREHOLE: YES/NO/NA				WATER FLOWING: YES/NO/NA			
BOREHOLE DECLINATION:	-90°			BOREHOLE DIRECTION:	NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+CIO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light brownish gray, non indurated, non welded, dehydrified, dry, ash flow tuff.

SAMPLE COMMENTS: N/A

LOCATION DESC: 7 d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 36 dpm
Beta/Gamma = 212 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

R. Saunders

REVIEWED BY (PRINT)

f. Marin

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) JON MARIN	2/16/10	(Printed Name) Sheri Sherwood	2/16/10
(Signature) Jon R. Marin	08:18 AM	(Signature) Sheri Sherwood	0818
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8248

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/15/2010		MEDIA:		QBT3	
TIME COLLECTED(HH:MM)		09:50		SUB-MEDIA:		TUFF 1	
PRS ID: 15-007(d)		OK		SAMPLE TECH CODE:		HA	
LOCATION ID: 15-610819				FIELD QC TYPE:		NA	
LOCATION TYPE: GENERIC				FIELD PREP:		NA	
TOP DEPTH: 0		123.5 ft		SAMPLE USAGE:		INV	
BOTTOM DEPTH: 0		125.0 ft		SCREEN/PORT DESC:		NA	
FIELD MATRIX: R		OK		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA		(X) NA	
BOREHOLE: (X) YES/NO/NA		BOREHOLE DECLINATION: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	2082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light brownish gray, strongly indurated, partially welded, devitrified, dry, ash flow tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 46 dpm
Beta/Gamma = 2110 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

R. Saunders

REVIEWED BY (PRINT)

J. MARIN

RELINQUISHED BY (Printed Name) JON MARIN (Signature) Jon R. Marin	Date/Time 2/16/10 08:18 AM	RECEIVED BY (Printed Name) Sheri Sherwood (Signature) Sheri Sherwood	Date/Time 2/16/10 0818
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8249

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/15/2016		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		10:35		SUB-MEDIA:		TUFF 1	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	15-610819			FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC			FIELD PREP:		NA	
TOP DEPTH:	0	138.5 ft		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	140.0 ft		SCREEN/PORT DESC:		XNA	
FIELD MATRIX:	R	OK		EXCAVATED: YES/NO/NA		NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA		NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8882+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

8882+NMED-HEXP Light grayish brown strongly indurated non to partially welded, dry, desiccated, ash flow tuff.

SAMPLE COMMENTS:

NA

LOCATION DESC:

7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 10 dpm
Beta/Gamma = 1989 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

R. Saunders

REVIEWED BY (PRINT)

JOIN MARIN

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) JOIN MARIN	2/16/10	(Printed Name) Sherin Sherwood	2/16/10
(Signature) R. Saunders	08:17AM	(Signature) Sherin Sherwood	0817
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8250

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/15/2010		MEDIA: QBT3		QBT2	
TIME COLLECTED (HH:MM)		11:12		SUB-MEDIA: TUFF1		OK	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE: HA		CBS	
LOCATION ID:	15-610819			FIELD QC TYPE: NA		OK	
LOCATION TYPE:	GENERIC			FIELD PREP: NA			
TOP DEPTH:	0	154.0 ft		SAMPLE USAGE: INV			
BOTTOM DEPTH:	0	155.0 ft		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: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light brownish gray, slightly indurated, slightly welded, devitrified, dry a-h flow tube

SAMPLE COMMENTS:

NA

LOCATION DESC:

7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 36 dpm

Beta/Gamma = 1963 dpm

2/15/10
~~PID~~ ^{Ambient} Reading = ppm

COLLECTED BY (PRINT)

R. Saunders

REVIEWED BY (PRINT)

J. Marin

RELINQUISHED BY (Printed Name) JON MARIN (Signature) Jon H. Marin	Date/Time 2/16/10 08:16AM	RECEIVED BY (Printed Name) Sheri Sherwood (Signature) Sheri Sherwood	Date/Time 2/16/10 0816
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8251

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/15/2010		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		11:50		SUB-MEDIA:		TUFF 1	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	15-610819			FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC			FIELD PREP:		NA	
TOP DEPTH:	Q	169.0 ft		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	Q	170.0 ft		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	OK		EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			
BOREHOLE: <input checked="" type="radio"/> YES / NO / NA		BOREHOLE DECLINATION: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	2082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light brownish grey, non to slightly indurated, non welded, desiccated
dry, arch flow tuff.

SAMPLE COMMENTS:

NA

LOCATION DESC:

7d-1
2/15/10

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 36 dpm
Beta/Gamma = 2140 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ 2/15/10

COLLECTED BY (PRINT)

R. Saunders

REVIEWED BY (PRINT)

J. MARIN

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) JON MARIN	2/16/10	(Printed Name) Sherri Sherwood	2/16/10
(Signature) Jon R. Marin	08:16 AM	(Signature) Sherri Sherwood	08/16
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8252

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/15/2010		MEDIA:	QBT3	OK	
TIME COLLECTED(HH:MM)		15:50		SUB-MEDIA:	TUFF 1	OK	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:	HA	CB5	
LOCATION ID:	15-610820			FIELD QC TYPE:	NA	OK	
LOCATION TYPE:	GENERIC			FIELD PREP:	NA		
TOP DEPTH:	0	4.0 ft		SAMPLE USAGE:	INV		
BOTTOM DEPTH:	0	5.0 ft		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	B	OK		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE:	NA			COMPOSITE TIME INTERVAL:	NA		
BOREHOLE: YES/NO/NA				WATER FLOWING: YES/NO/NA			
BOREHOLE DECLINATION:	-90°			BOREHOLE DIRECTION:	NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light gray non indurated non welded, de vitrified, dry, ash flow tuff.

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

HE Spot Test Negative

Alpha = 25 dpm

Beta/Gamma = 2070 dpm

$$\text{PID} \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$$

COLLECTED BY (PRINT)

REVIEWED BY (PRINT)

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) JON MARIN	2/16/10	(Printed Name) Sherwood	2/16/10
(Signature) Jon R. Marin	08:16 AM	(Signature) Sherwood	08:16
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8253

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/15/2010		MEDIA:		QBT3	
TIME COLLECTED(HH:MM)		16:18		SUB-MEDIA:		TUFF 1	
PRS ID: 15-007(d)		OK		SAMPLE TECH CODE:		HA	
LOCATION ID: 15-610820				FIELD QC TYPE:		NA	
LOCATION TYPE: GENERIC				FIELD PREP:		NA	
TOP DEPTH: 0		10.0 ft		SAMPLE USAGE:		INV	
BOTTOM DEPTH: 0		20.0 ft		SCREEN/PORT DESC:		NA	
FIELD MATRIX: R		OK		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: 1/4		WATER FLOWING: YES (NO) NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light gray, nonindurated, nonwelded, devitrified, dry, ash flow tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 20 dpm
Beta/Gamma = 2040 dpm

PID ^{12M 2/15/10} Ambient Reading = ppm

COLLECTED BY (PRINT)

R. Saunders

REVIEWED BY (PRINT)

J. MAIN

RELINQUISHED BY (Printed Name) JON MARIN (Signature) Jon R. Marin	Date/Time 2/16/10 08:16 Am	RECEIVED BY (Printed Name) Sheri Sherwood (Signature) Sheri Sherwood	Date/Time 2/16/10 0816
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8254

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/15/2010		MEDIA: QBT3		OK	
TIME COLLECTED (HH:MM)		16:57		SUB-MEDIA: TUFF 1		OK	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE: HA		CBS	
LOCATION ID:	15-610820			FIELD QC TYPE: NA		OK	
LOCATION TYPE:	GENERIC			FIELD PREP: NA			
TOP DEPTH:	0	34.0 ft		SAMPLE USAGE: INV			
BOTTOM DEPTH:	0	35.0 ft		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	OK		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA		NO	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	2082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light gray, slightly indurated, non welded, deoitrified, dry, ash flow tuff.

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 25 dpm
Beta/Gamma = 1846 dpm

PID ^{Ambient} Reading = ppm

COLLECTED BY (PRINT)

R. Saunders

REVIEWED BY (PRINT)

S. MARIN

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) JON MARIN	09:16 AM	(Printed Name) Sherrill Newwood	8/6
(Signature) Jon R. Marin	2/16/10	(Signature) Sherrill Newwood	2/16/10
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8255

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/16/2010	MEDIA:	QBT3		OK	
TIME COLLECTED(HH:MM)		844	SUB-MEDIA:	TUFF 1		↓	
PRS ID:	15-007(d)	OK	SAMPLE TECH CODE:	HA		CBS	
LOCATION ID:	15-610820	↓	FIELD QC TYPE:	NA		OK	
LOCATION TYPE:	GENERIC	BH	FIELD PREP:	NA		↓	
TOP DEPTH:	0	2/16/10 12m 48.0 48.5	SAMPLE USAGE:	INV		↓	
BOTTOM DEPTH:	0	50.0	SCREEN/PORT DESC:			NA	
FIELD MATRIX:	R	R	EXCAVATED: YES/NO/NA				
COMPOSITE TYPE:	NA	COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	12m 2/16/10 8082+NMED-HEXP	250 ML AMBER GLASS	Ice		
1	↓	H3	500 ML POLY	Ice		
1	↓	Metals+ClO4+CN	500 ML POLY	Ice		
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC:

Pinkish gray tuff

SAMPLE COMMENTS:

NA

LOCATION DESC: 7d.2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \leq 25 dpm
Beta/Gamma \leq 2.10 dpm

PID $\frac{\text{Ambient Reading}}{\text{ppm}}$

12m 2/16/10

COLLECTED BY (PRINT)

TLMcFarlane

REVIEWED BY (PRINT)

J. MARIN

RELINQUISHED BY (Printed Name) Rolanda Saunders (Signature) Rolanda Saunders	Date/Time 2/17/10 740	RECEIVED BY (Printed Name) Jay W. W. (Signature) Jay W. W.	Date/Time 2/17/10 805
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8256

WORK ORDER:

AS PLANNED		AS COLLECTED	AS PLANNED		AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		02/16/2010	MEDIA:		QBT3
TIME COLLECTED (HH:MM)		0907	SUB-MEDIA:		TUFF1
PRS ID:	15-007(d)	ok	SAMPLE TECH CODE:		HA
LOCATION ID:	15-610820	ok	FIELD QC TYPE:		NA
LOCATION TYPE:	GENERIC	BH	FIELD PREP:		NA
TOP DEPTH:	0	63.5	SAMPLE USAGE:		INV
BOTTOM DEPTH:	0	65.0	SCREEN/PORT DESC:		NA
FIELD MATRIX:	R	R	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA		
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: 110° -90	BOREHOLE DIRECTION: NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	73m 2/16/10 8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light Gray buff

SAMPLE COMMENTS:

NA

LOCATION DESC:

7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \leq 15 dpm
Beta/Gamma \leq 1898 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

73m 2/16/10

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT)

SON mARM

RELINQUISHED BY (Printed Name) Rolenda Saunders (Signature) Rolenda Saunders	Date/Time 2/11/10 740	RECEIVED BY (Printed Name) (Signature) Joy Wells	Date/Time 2/17/10 808
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8257

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/16/2010		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		0928		SUB-MEDIA:		TUFF 1	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	15-610820	OK		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	BH		FIELD PREP:		NA	
TOP DEPTH:	0	79.0		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	80.0		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	R		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA		NO/NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: tight gray nonindurated tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \leq 30 dpm
Beta/Gamma \leq 2.09 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

72m 2/16/10

COLLECTED BY (PRINT)

REVIEWED BY (PRINT) J MARIN

RELINQUISHED BY (Printed Name) Rolinda Saunders (Signature) Rolinda Saunders	Date/Time 2/17/10 740	RECEIVED BY (Printed Name) Jay Wells (Signature) Jay Wells	Date/Time 2/17/10 805
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8258

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/16/2010		MEDIA: QBT3		OK	
TIME COLLECTED (HH:MM)		0952		SUB-MEDIA: TUFF 1		↓	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE: HA		CBS	
LOCATION ID:	15-610820	↓		FIELD QC TYPE: NA		OK	
LOCATION TYPE:	GENERIC	B4		FIELD PREP: NA		↓	
TOP DEPTH:	0	93.5		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH:	0	95.0		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	R		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	72m 2/16/10 8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1	↓	H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Gray and white nonindurated tuff

SAMPLE COMMENTS:

NA

LOCATION DESC:

7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \pm 30 dpm
Beta/Gamma \pm 2.15 dpm

72m 2/16/10
PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

JLMcFarland

REVIEWED BY (PRINT)

JON MARIN

RELINQUISHED BY (Printed Name) Rolanda Saunders (Signature) Rolanda Saunders	Date/Time 2/17/10 740	RECEIVED BY (Printed Name) (Signature)	Date/Time 2/17/10 805
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8259

WORK ORDER:

<u>AS PLANNED</u>		<u>AS COLLECTED</u>		<u>AS PLANNED</u>		<u>AS COLLECTED</u>	
DATE COLLECTED(MM/DD/YYYY):		02/16/2010		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		1017		SUB-MEDIA:		TUFF 1	
PRS ID:	15-007(d)	ok		SAMPLE TECH CODE:		HA	
LOCATION ID:	15-610820	L		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	BH		FIELD PREP:		NA	
TOP DEPTH:	0	108.5		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	110.0		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	R		EXCAVATED: YES / NO / NA			
COMPOSITE TYPE:	NA	COMPOSITE TIME INTERVAL:		NA		WATER FLOWING: YES / NO / NA	
BOREHOLE: <input checked="" type="checkbox"/> YES / NO / NA		BOREHOLE DECLINATION: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	72m 2/16/10 8082 +NMED-HEXP	250 ML AMBER GLASS	Ice	y	
1		H3	500 ML POLY	Ice	y	
1		Metals+ClO4+CN	500 ML POLY	Ice	y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	y	

SAMPLE DESC:

light pinkish gray nonindurated tuff

SAMPLE COMMENTS:

NA

LOCATION DESC:

7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \pm 15 dpm
Beta/Gamma \pm 2.9 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ 72m 2/16/10

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

SON MARIN

RELINQUISHED BY (Printed Name) Rolenda Saunders (Signature) <i>Rolenda Saunders</i>	Date/Time 2/17/10 740	RECEIVED BY (Printed Name) <i>Jeffrey</i> (Signature) <i>Jeffrey</i>	Date/Time 2/17/10 805
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8260

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/16/2010		MEDIA: OBT3		73m 2/16/10 ok Obt 2	
TIME COLLECTED (HH:MM)		1055		SUB-MEDIA: TUFF 1		ok	
PRS ID:	15-007(d)	ok		SAMPLE TECH CODE: HA		CBS	
LOCATION ID:	15-610820	↓		FIELD QC TYPE: NA		ok	
LOCATION TYPE:	GENERIC	BH		FIELD PREP: NA		↓	
TOP DEPTH:	0	124.0		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH:	0	125.0		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	R		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA		NO	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	73m 2/16/10 8082+NMED-HEXP	250 ML AMBER GLASS	Ice	y	
1		H3	500 ML POLY	Ice	y	
1		Metals+ClO4+CN	500 ML POLY	Ice	y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	y	

SAMPLE DESC:

Pinkish gray indurated tuff

SAMPLE COMMENTS:

NA

LOCATION DESC:

7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha ≤ 15 dpm
Beta/Gamma ≤ 1898 dpm

PID $\frac{\text{Ambient Reading}}{73m \ 2/16/10} = \text{ppm}$

COLLECTED BY (PRINT)

TLMCFarland

REVIEWED BY (PRINT)

R Saunders

RELINQUISHED BY (Printed Name) Rolanda Saunders (Signature) Rolanda Saunders	Date/Time 2/17/10 740	RECEIVED BY (Printed Name) (Signature) [Signature]	Date/Time 2/17/10 808
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8261

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/16/2010		MEDIA:		QBT3	
TIME COLLECTED(HH:MM)		1314		SUB-MEDIA:		TUFF 1	
PRS ID: 15-007(d)		ok		SAMPLE TECH CODE:		HA	
LOCATION ID: 15-610820		↓		FIELD QC TYPE:		NA	
LOCATION TYPE: GENERIC		BH		FIELD PREP:		NA	
TOP DEPTH: 0		138.5		SAMPLE USAGE:		INV	
BOTTOM DEPTH: 0		140.0		SCREEN/PORT DESC:		NA	
FIELD MATRIX: R		R		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: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	72m 2/16/10 8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1	↓	H3	500 ML POLY	Ice	Y	
1	↓	Metals+CIO4+CN	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light brownish gray, strongly indurated, moderately welded, devitrified, dy, ash flow tuff

SAMPLE COMMENTS:

NA

LOCATION DESC: 7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \leq 41 dpm
Beta/Gamma \leq 189 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ 72m 2/16/10

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT) J M A R N

RELINQUISHED BY (Printed Name) Rolenda Saunders (Signature) Rolenda Saunders	Date/Time 2/17/10 740	RECEIVED BY (Printed Name) (Signature) [Signature]	Date/Time 2/17/10 805
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8262

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/16/2010		MEDIA: QBT3		QBT2	
TIME COLLECTED(HH:MM)		13:59		SUB-MEDIA: TUFF.1		ok	
PRS ID:	15-007(d)	ok		SAMPLE TECH CODE: HA		CBS	
LOCATION ID:	15-610820	↓		FIELD QC TYPE: NA		ok	
LOCATION TYPE:	GENERIC	B4		FIELD PREP: NA		↓	
TOP DEPTH:	0	153.5 ft		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH:	0	155.0 ft		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	R		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	3082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1	↓	H3	500 ML POLY	Ice	Y	
1	↓	Metals+ClO4+CN	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light pinkish gray, slightly to moderately indurated, dehydrified, dry, ash flow tuff.

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

51 gpm
Alpha = 51 dpm
Beta/Gamma = 2100 dpm

PID Ambient Reading = ppm
73m 2/16/10

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT)

J. MARIN

RELINQUISHED BY (Printed Name) Rolanda Saunders (Signature) Rolanda Saunders	Date/Time 2/17/10 740	RECEIVED BY (Printed Name) J. Marin (Signature) J. Marin	Date/Time 2/17/10 805
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8263

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/16/2010		MEDIA: QBT3		QBT 2	
TIME COLLECTED (HH:MM)		1430		SUB-MEDIA: TUFF 1		ok	
PRS ID:	15-007(d)	ok		SAMPLE TECH CODE: HA		CBS	
LOCATION ID:	15-610820	↓		FIELD QC TYPE: NA		ok	
LOCATION TYPE:	GENERIC	BH		FIELD PREP: NA		↓	
TOP DEPTH:	0	168.5		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH:	0	170.0		SCREEN/PORT DESC:		NA	
FIELD MATRIX:	R	R		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA			
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1	↓	H3	500 ML POLY	Ice	Y	
1	↓	Metals+ClO4+CN	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light reddish brown, slightly indurated, nonwelded, devitrified, dry, ash flow tuff

SAMPLE COMMENTS:

NA

FR: RE15-10-8272

LOCATION DESC:

7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \leq 51 dpm
Beta/Gamma \leq 2120 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

73m 2/16/10

COLLECTED BY (PRINT)

P. Metcalf

REVIEWED BY (PRINT) J. MARIN

RELINQUISHED BY (Printed Name) Rolanda Saunders (Signature) Rolanda Saunders	Date/Time 2/17/10 740	RECEIVED BY (Printed Name) Jaylen (Signature) Jaylen	Date/Time 2/17/10 805
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8264

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/15/2010		MEDIA:		QBT3	
TIME COLLECTED(HH:MM)		12:15		SUB-MEDIA:		TUFF 1	
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:		HA	
LOCATION ID:	UNK	15-610819		FIELD QC TYPE:		NA	
LOCATION TYPE:	GENERIC	OK		FIELD PREP:		NA	
TOP DEPTH:	0	181.5 ft		SAMPLE USAGE:		INV	
BOTTOM DEPTH:	0	182.5 ft		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		BOREHOLE DECLINATION: -90°		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC:

Light gray, non indurated, non welded, devitrified, dry, ash flow tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 5 dpm
Beta/Gamma = 1956 dpm

PID $\frac{\text{Ambient Reading}}{\text{ppm}}$ = ppm

COLLECTED BY (PRINT)

R. Saunders

REVIEWED BY (PRINT)

J. Marin

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) JON MARIN	2/16/10	(Printed Name) Sheri Sherwood	2/16/10
(Signature) Jon R. Marin	08:16 AM	(Signature) Sheri Sherwood	0816
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8265

WORK ORDER:

<u>AS PLANNED</u>		<u>AS COLLECTED</u>		<u>AS PLANNED</u>		<u>AS COLLECTED</u>	
DATE COLLECTED(MM/DD/YYYY):		02/16/2010		MEDIA:		QBT3	
TIME COLLECTED (HH:MM)		1455		SUB-MEDIA:		TUFF 1	
PRS ID: 15-007(d)		ok		SAMPLE TECH CODE: HA		CBS	
LOCATION ID: UNK		15-610820		FIELD QC TYPE: NA		ok	
LOCATION TYPE: GENERIC		BH		FIELD PREP: NA		↓	
TOP DEPTH: 0		178.0		SAMPLE USAGE: INV		↓	
BOTTOM DEPTH: 0		180.0		SCREEN/PORT DESC:		NA	
FIELD MATRIX: R		R		EXCAVATED: YES/NO/NA			
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA		NO	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: -90		BOREHOLE DIRECTION: NA			

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1	↓	H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: Grayish pink slightly indurated ~~with~~ ^{tan} devitrified, dry, ark flow tuff. 2/16/10 No/V welded

FD: RE15-10-8269

SAMPLE COMMENTS:

NA

LOCATION DESC: 7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha \leq 30 dpm
Beta/Gamma \leq 2040 dpm

PID $\frac{\text{Ambient Reading}}{72m 2/16/10} = \text{ppm}$

COLLECTED BY (PRINT)

REVIEWED BY (PRINT)

TLMcFarland

J. MARIN

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Rolanda Saunders	2/17/10	(Printed Name)	2/17/10
(Signature) Rolanda Saunders	740	(Signature) Jeyllus	805
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8266

WORK ORDER:

AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		MEDIA:	QBT3
TIME COLLECTED (HH:MM)		SUB-MEDIA:	TUFF 1
PRS ID: 15-007(d)		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+NMED-HEXP	250 ML AMBER GLASS	Ice		
1		H3	500 ML POLY	Ice		
1		Metals+ClO4+CN	500 ML POLY	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC:

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = _____ dpm

Beta/Gamma = _____ dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

REVIEWED BY (PRINT)

RELINQUISHED BY (Printed Name) <i>Patricia Saunders</i> (Signature) <i>Patricia Saunders</i>	Date/Time <i>2/17/10</i> <i>740</i>	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: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8267

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/13/2010		MEDIA:	QBT3		OK
TIME COLLECTED(HH:MM)		12:15		SUB-MEDIA:	TUBE 1		OK
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:	HA		CBS
LOCATION ID:	UNK	15-610 B19		FIELD QC TYPE:	FD		OK
LOCATION TYPE:	GENERIC	OK		FIELD PREP:	NA		
TOP DEPTH:	0	33.0 ft		SAMPLE USAGE:	QC		
BOTTOM DEPTH:	0	35.0 ft		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:	-90°		BOREHOLE DIRECTION:

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	2082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: QC Sample of RE15-10-8242

brownish
Light gray, slightly indurated, nonwelded, devitrified, dry, arch flow
tuff

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha ≤ 17 dpm
Beta/Gamma ≤ 2400 dpmPID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

COLLECTED BY (PRINT)

L. Lopez

REVIEWED BY (PRINT)

J. MARIN

RELINQUISHED BY (Printed Name) JON MARIN (Signature) Jon B. Marin	Date/Time 2/13/10 1442	RECEIVED BY (Printed Name) (Signature)	Date/Time 2/13/10 2:42
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8268

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/15/10		MEDIA:	QBT3		OK
TIME COLLECTED (HH:MM)		16:18		SUB-MEDIA:	TUFF 1		OK
PRS ID:	15-007(d)	OK		SAMPLE TECH CODE:	HA		CBS
LOCATION ID:	UNK	15-61082.0		FIELD QC TYPE:	FD		OK
LOCATION TYPE:	GENERIC	OK		FIELD PREP:	NA		
TOP DEPTH:	0	18.0 ft		SAMPLE USAGE:	QC		
BOTTOM DEPTH:	0	20.0 ft		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:	-90°		BOREHOLE DIRECTION:
							NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	
1		Metals+ClO4+CN	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: QC Sample of RE15-10-8253

Light gray non-indurated non-welded dehydrified, dry, ark flow
tuff

SAMPLE COMMENTS:

NA

LOCATION DESC:

7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 20 dpm
Beta/Gamma = 2040 dpm

PID $\frac{\text{Ambient Reading}}{\text{ppm}}$

PRM 2/15/10

COLLECTED BY (PRINT)

R. Saunders

REVIEWED BY (PRINT)

J. MARRIN

RELINQUISHED BY (Printed Name) J. MARRIN (Signature) J. MARRIN	Date/Time 2/16/10 08:16 AM	RECEIVED BY (Printed Name) Sherri Sherwood (Signature) Sherri Sherwood	Date/Time 2/16/10 0816
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8269

WORK ORDER:

AS PLANNED		AS COLLECTED		AS PLANNED		AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		02/16/2010		MEDIA:	QBT3		Qbt/v
TIME COLLECTED (HH:MM)		1455		SUB-MEDIA:	TUFF 1		ok
PRS ID:	15-007(d)		ok	SAMPLE TECH CODE:	HA		CBS
LOCATION ID:	UNK		15-610820	FIELD QC TYPE:	FD		ok
LOCATION TYPE:	GENERIC		BH	FIELD PREP:	NA		↓
TOP DEPTH:	0		178.0	SAMPLE USAGE:	QC		↓
BOTTOM DEPTH:	0		180.0	SCREEN/PORT DESC:			NA
FIELD MATRIX:	B		R	EXCAVATED: YES/NO/NA	NO/NA		
COMPOSITE TYPE:	NA			COMPOSITE TIME INTERVAL:	NA		
BOREHOLE:	YES/NO/NA			BOREHOLE DECLINATION:	-90		
				BOREHOLE DIRECTION:	NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	8082+NMED-HEXP	250 ML AMBER GLASS	Ice	Y	
1	↓	H3	500 ML POLY	Ice	Y	
1	↓	Metals+CIO4+CN	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	Y	

SAMPLE DESC: QC Sample of RE15-10-8265

Grayish pink slightly indurated, non welded, dehydrified, dry ash flow tuff

SAMPLE COMMENTS:

NA

LOCATION DESC: 7d-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha ≤ 30 dpm
Beta/Gamma ≤ 2040 dpm

PID Ambient Reading = 73m 2/16/10 ppm

COLLECTED BY (PRINT)
TL McFarland

REVIEWED BY (PRINT) J. MARIN

RELINQUISHED BY (Printed Name) Rolando Saunders (Signature) Rolando Saunders	Date/Time 2/17/10 7:40	RECEIVED BY (Printed Name) (Signature) [Signature]	Date/Time 2/17/10 8:05
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8270

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		02/13/2010	MEDIA:	NA	OK
TIME COLLECTED(HH:MM)		14:10	SUB-MEDIA:	OTHER	
PRS ID:	15-007(d)	OK	SAMPLE TECH CODE:	DC	
LOCATION ID:	UNK	15-610819	FIELD QC TYPE:	FR	
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	UF	
TOP DEPTH:	0	0	SAMPLE USAGE:	QC	
BOTTOM DEPTH:	0	0	SCREEN/PORT DESC:		N/A
FIELD MATRIX:	W	OK	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
			WATER FLOWING: YES/NO/NA		
BOREHOLE:	YES/NO/NA		BOREHOLE DECLINATION:	-90°	
			BOREHOLE DIRECTION:	NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	METALS-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 RE15-10-8246

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-1

FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

L. Lopez

REVIEWED BY (PRINT)

J. MARIN

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) JON MARIN	2/13/10	(Printed Name)	2/13/10
(Signature) Jon R. Marin	1442	(Signature)	2:40
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8271

WORK ORDER:

<u>AS PLANNED</u>		<u>AS COLLECTED</u>	<u>AS PLANNED</u>		<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		02/15/10	MEDIA: NA		OK
TIME COLLECTED (HH:MM)		16:30	SUB-MEDIA: OTHER		
PRS ID:	15-007(d)	OK	SAMPLE TECH CODE: DC		
LOCATION ID:	UNK	15-610820	FIELD QC TYPE: FR		
LOCATION TYPE:	GENERIC	OK	FIELD PREP: UF		
TOP DEPTH:	0	0	SAMPLE USAGE: QC		
BOTTOM DEPTH:	0	0	SCREEN/PORT DESC:		NA
FIELD MATRIX:	W	OK	EXCAVATED: YES (NO) / NA		
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES (NO) / NA	
BOREHOLE: YES / NO / NA		BOREHOLE DECLINATION: -90°		BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	METALS-GEL	1 LITER POLY	Nitric Acid	Y	
1	1	SW-846:6850	250 ML POLY	Ice	Y	
1	1	TCN	500 ML POLY	Sodium Hydroxide	Y	

SAMPLE DESC: QC Sample of RE15-10-8253

SAMPLE COMMENTS: NA

LOCATION DESC: 7d-2

FIELD SCREENING/MEASUREMENT RESULTS: NA

COLLECTED BY (PRINT)

R. Saunders

REVIEWED BY (PRINT)

J. MARIN

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Jon Marin	09:15 AM	(Printed Name) Sheri Sherwood	0815
(Signature) Jon R. Marin	2/16/10	(Signature) Sheri Sherwood	2/16/10
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2504

EVENT NAME: 4th Qtr. FY09 - SWMU 15-007(d) - Threemile Canyon

SAMPLE ID: RE15-10-8272

WORK ORDER:

<u>AS PLANNED</u>		<u>AS COLLECTED</u>	<u>AS PLANNED</u>		<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		02/16/2010	MEDIA:		NA
TIME COLLECTED(HH:MM)		1500	SUB-MEDIA:		OTHER
PRS ID:	15-007(d)	ok	SAMPLE TECH CODE:		DC
LOCATION ID:	UNK	15-610820	FIELD QC TYPE:		FR
LOCATION TYPE:	GENERIC	BH	FIELD PREP:		UF
TOP DEPTH:	0	ok	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: -90'	BOREHOLE DIRECTION: NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Normal	METALS-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 RE15-10-8263

SAMPLE COMMENTS:

Rinsate

LOCATION DESC:

NA

FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

Th McFarlane

REVIEWED BY (PRINT)

J. MAKIN

RELINQUISHED BY (Printed Name) Rolenda Saunders (Signature) Rolenda Saunders	Date/Time 2/17/10 740	RECEIVED BY (Printed Name) (Signature) [Signature]	Date/Time 2/17/10 805
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time