

# SAMPLE COLLECTION LOG TRAVELER

EVENT #  
2482

| DATE    | REVIEWER   | COMMENTS           |
|---------|------------|--------------------|
| 2/10/10 | S. M       | no xy, not checked |
| 3/1/10  | S. MARCZAK | completed          |
|         |            |                    |
|         |            |                    |
|         |            |                    |

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7300

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/15/2010                  |  | MEDIA: QBT3              |  | SED          |  |
| TIME COLLECTED (HH:MM)      |           | 0954                        |  | SUB-MEDIA: TUFF 1        |  | NA           |  |
| PRS ID:                     | 15-005(c) | ok                          |  | SAMPLE TECH CODE: HA     |  | ok           |  |
| LOCATION ID:                | 15-610555 | ↓                           |  | 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         | SED                         |  | EXCAVATED: YES/NO/NA     |  |              |  |
| COMPOSITE TYPE: NA          |           | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO/NA |  |              |  |
| BOREHOLE: YES/NO/NA         |           | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  |              |  |

| # | PRIORITY | ORDER                | CNTNR                          | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|----------------------|--------------------------------|--------------|---------------|----------------------|
| 1 | Normal   | 8082+8270+NME D-EXP  | 500 ML AMBER GLASS             | Ice          | Y             |                      |
| 1 | ↓        | 8260B                | 125 ML SEPTUM AMBER GLASS      | Ice          | Y             |                      |
| 1 | ↓        | AM241+GS+ISO PU+ISOU | 1 LITER POLY                   | None         | Y             |                      |
| 1 | ↓        | Met+U+CLO4+C N       | 1 GAL POLY<br>liter 1/11/10 LC | Ice          | Y             |                      |
| 1 | ↓        | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG  | None         | Y             |                      |

SAMPLE DESC:

moist silty clay, roots and rocks

FR RE15-10-7328

SAMPLE COMMENTS:

NA

LOCATION DESC:

SC-10 drainage

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \pm 27$  dpm  
 $\beta \pm 2080$  dpm

 PID reading 0.0  
 ambient 0.0 ppm

HE negative

COLLECTED BY (PRINT)

TLMCFarland

REVIEWED BY (PRINT)

Lacey A. Lopez

|   |                                 |   |                              |
|---|---------------------------------|---|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) <i>R Saunders</i> | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>(Printed Name) S. MARTIN<br>(Signature) <i>S. Martin</i> | Date/Time<br>1/15/10<br>1550 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                              | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)                            | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7301

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/15/2010                  |  | MEDIA:                   |  | QBT3         |  |
| TIME COLLECTED(HH:MM)       |           | 1004                        |  | SUB-MEDIA:               |  | TUFF 1       |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE:        |  | HA           |  |
| LOCATION ID:                | 15-610555 | ↓                           |  | FIELD QC TYPE:           |  | NA           |  |
| LOCATION TYPE:              | GENERIC   | ↓                           |  | FIELD PREP:              |  | NA           |  |
| TOP DEPTH:                  | 0         | 1.0                         |  | SAMPLE USAGE:            |  | INV          |  |
| BOTTOM DEPTH:               | 0         | 2.0                         |  | SCREEN/PORT DESC:        |  | NA           |  |
| FIELD MATRIX:               | R         | SED                         |  | EXCAVATED: YES/NO/NA     |  |              |  |
| COMPOSITE TYPE: NA          |           | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO/NA |  |              |  |
| BOREHOLE: YES/NO/NA         |           | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  |              |  |

| # | PRIORITY | ORDER                | CNTNR                          | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|----------------------|--------------------------------|--------------|---------------|----------------------|
| 1 | Normal   | 8082+8270+NME D-EXP  | 500 ML AMBER GLASS             | Ice          | Y             |                      |
| 1 |          | 8260B                | 125 ML SEPTUM AMBER GLASS      | Ice          | Y             |                      |
| 1 |          | AM241+GS+ISO PU+ISOU | 1 LITER POLY                   | None         | Y             |                      |
| 1 |          | Met+U+CLO4+C N       | 1 GAL POLY<br>liter 1/11/10 LC | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG  | None         | Y             |                      |

SAMPLE DESC:

Brown silty clay

SAMPLE COMMENTS:

NA

LOCATION DESC:

5C-10 drainage

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 27$  dpm $138 \leq 1810$  dpmPID  $\frac{\text{ambient}}{\text{reading}} \frac{0.0}{0.0}$  ppm

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

LARRY A. LOPEZ

|   |                                 |  |                              |
|---|---------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) <i>R Saunders</i> | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>S. MADRAN<br>(Printed Name) <i>Uer</i><br>(Signature) | Date/Time<br>1/15/10<br>1550 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                              | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)                         | Date/Time                    |

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7302

WORK ORDER:

| AS PLANNED                  |  | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|--|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |  | 01/15/2010                  |  | MEDIA:                   |  | QBT3         |  |
| TIME COLLECTED(HH:MM)       |  | 1010                        |  | SUB-MEDIA:               |  | TUFF 1       |  |
| PRS ID: 15-005(c)           |  | OK                          |  | SAMPLE TECH CODE:        |  | HA           |  |
| LOCATION ID: 15-610556      |  | ↓                           |  | FIELD QC TYPE:           |  | NA           |  |
| LOCATION TYPE: GENERIC      |  | ↓                           |  | FIELD PREP:              |  | NA           |  |
| TOP DEPTH: 0                |  | 0.0                         |  | SAMPLE USAGE:            |  | INV          |  |
| BOTTOM DEPTH: 0             |  | 0.7                         |  | SCREEN/PORT DESC:        |  | NA           |  |
| FIELD MATRIX: R             |  | SED                         |  | EXCAVATED: YES/NO/NA     |  | NA           |  |
| COMPOSITE TYPE: NA          |  | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO/NA |  | NO           |  |
| BOREHOLE: YES/NO/NA         |  | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  |              |  |

| # | PRIORITY | ORDER                | CNTNR                         | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|----------------------|-------------------------------|--------------|---------------|----------------------|
| 1 | 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 |          | Met+U+CLO4+C N       | 1 GAL POLY liter 1/10/10 Lc   | Ice          | Y             |                      |
| 1 | ✓        | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC: Dark brown clay with roots and grass

SAMPLE COMMENTS:

NA

LOCATION DESC: 5C-9 drainage

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 27$  dpm

PID

ambient reading

0.0 ppm  
0.0 HE NegBY  $\leq 2010$  dpm

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT)

Laney A. Lopez

|   |                                 |  |                              |
|---|---------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) <i>R Saunders</i> | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>(Printed Name) S. MARCZAK<br>(Signature) <i>[Signature]</i> | Date/Time<br>1/15/10<br>1550 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                              | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)                               | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7303

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED |  | AS PLANNED               |        | AS COLLECTED |                          |
|-----------------------------|-----------|--------------|--|--------------------------|--------|--------------|--------------------------|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/15/2010   |  | MEDIA:                   | QBT3   |              | SEP                      |
| TIME COLLECTED (HH:MM)      |           | 1031         |  | SUB-MEDIA:               | TUFF 1 |              | NA                       |
| PRS ID:                     | 15-005(c) | OK           |  | SAMPLE TECH CODE:        | HA     |              | OK                       |
| LOCATION ID:                | 15-610556 |              |  | FIELD QC TYPE:           | NA     |              |                          |
| LOCATION TYPE:              | GENERIC   |              |  | FIELD PREP:              | NA     |              |                          |
| TOP DEPTH:                  | 0         | 1.0          |  | SAMPLE USAGE:            | INV    |              | ✓                        |
| BOTTOM DEPTH:               | 0         | 3.0          |  | SCREEN/PORT DESC:        | NA     |              |                          |
| FIELD MATRIX:               | R         | SED          |  | EXCAVATED: YES/NO/NA     |        |              |                          |
| COMPOSITE TYPE:             | NA        |              |  | COMPOSITE TIME INTERVAL: | NA     |              | WATER FLOWING: YES/NO/NA |
| 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 |          | 8260B                | 125 ML SEPTUM AMBER GLASS     | Ice          | Y             |                      |
| 1 |          | AM241+GS+ISO PU+ISOU | 1 LITER POLY                  | None         | Y             |                      |
| 1 |          | Met+U+CLO4+C N       | 1 GAL POLY liter 1/11/10 LC   | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC: moist brown clay with roots and some rocks

SAMPLE COMMENTS:

NA

LOCATION DESC: 5C-9 drainage

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 49$  dpm

PID

ambient 0.8 ppm  
readingBX  $\leq 1962$  dpm

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT)

Larry A. Lopez

|  |                                 |  |                              |
|--|---------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>(Printed Name) S. MARTIN<br>(Signature) [Signature] | Date/Time<br>1/15/10<br>1550 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7304

WORK ORDER:

| AS PLANNED                  |  | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|--|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |  | 01/15/2010                  |  | MEDIA:                   |  | QBT3         |  |
| TIME COLLECTED(HH:MM)       |  | 1015                        |  | SUB-MEDIA:               |  | TUFF 1       |  |
| PRS ID: 15-005(c)           |  | OK                          |  | SAMPLE TECH CODE:        |  | HA           |  |
| LOCATION ID: 15-610557      |  | ↓                           |  | 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             |  | SED                         |  | EXCAVATED: YES/NO/NA     |  | NA           |  |
| COMPOSITE TYPE: NA          |  | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO/NA |  | NA           |  |
| BOREHOLE: YES/NO/NA         |  | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  | 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 |          | Met+U+CLO4+C N       | 1 GAE POLY liter 1/11/10 LC   | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

## SAMPLE DESC:

Brown silty clay, some roots and rocks

## SAMPLE COMMENTS:

NA

## LOCATION DESC:

5C-8, drainage

## FIELD SCREENING/MEASUREMENT RESULTS:

α ± 27 dpm  
 BY ± 2230 dpm

HE negative  
 PID  $\frac{\text{reading}}{\text{ambient}}$   $\frac{0.0}{0.9}$  ppm

## COLLECTED BY (PRINT)

TLMCFarland

## REVIEWED BY (PRINT)

R Saunders

|  |                                 |   |                              |
|--|---------------------------------|---|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>J. MARCAY<br>(Printed Name)<br>(Signature) | Date/Time<br>1/15/10<br>1550 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)              | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7305

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/15/2010                  |  | MEDIA:                   |  | QBT3         |  |
| TIME COLLECTED (HH:MM)      |           | 1024                        |  | SUB-MEDIA:               |  | TUFF 1       |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE:        |  | HA           |  |
| LOCATION ID:                | 15-610557 | ↓                           |  | FIELD QC TYPE:           |  | NA           |  |
| LOCATION TYPE:              | GENERIC   | ↓                           |  | FIELD PREP:              |  | NA           |  |
| TOP DEPTH:                  | 0         | 1.0                         |  | SAMPLE USAGE:            |  | INV          |  |
| BOTTOM DEPTH:               | 0         | 2.0                         |  | SCREEN/PORT DESC:        |  | NA           |  |
| FIELD MATRIX:               | R         | SED                         |  | EXCAVATED: YES/NO/NA     |  |              |  |
| COMPOSITE TYPE: NA          |           | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO/NA |  |              |  |
| BOREHOLE: YES/NO/NA         |           | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  |              |  |

| # | PRIORITY | ORDER                | CNTNR                                  | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|----------------------|--|--------------|---------------|----------------------|
| 1 | Normal   | 8082+8270+NME D-EXP  | 500 ML AMBER GLASS                     | Ice          | Y             |                      |
| 1 | ↓        | 8260B                | 125 ML SEPTUM AMBER GLASS              | Ice          | Y             |                      |
| 1 | ↓        | AM241+GS+ISO PU+ISOU | 1 LITER POLY                           | None         | Y             |                      |
| 1 | ↓        | Met+U+CLO4+C N       | 1 GAL POLY 1/11/10<br>liter 1/11/10 re | Ice          | Y             |                      |
| 1 | ↓        | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG          | None         | Y             |                      |

SAMPLE DESC:

Brown silty clay

SAMPLE COMMENTS:

NA

LOCATION DESC:

5c-8, drainage

FIELD SCREENING/MEASUREMENT RESULTS:

α<sup>-16</sup> dpmBX<sup>-1983</sup> dpmPID  $\frac{\text{reading}}{\text{ambient}} = \frac{6.0}{6.0} \text{ pm}$ 

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

R Saunders

|  |                                 |  |                              |
|--|---------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>(Printed Name) S. MARZOGAN<br>(Signature) [Signature] | Date/Time<br>1/15/10<br>1558 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)                         | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7306

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/15/2010                  |  | MEDIA:                   |  | QBT3         |  |
| TIME COLLECTED (HH:MM)      |           | 1123                        |  | SUB-MEDIA:               |  | TUFF 1       |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE:        |  | HA           |  |
| LOCATION ID:                | 15-610558 | ↓                           |  | FIELD QC TYPE:           |  | NA           |  |
| LOCATION TYPE:              | GENERIC   | ↓                           |  | FIELD PREP:              |  | NA           |  |
| TOP DEPTH:                  | 0         | 0.0                         |  | SAMPLE USAGE:            |  | INV          |  |
| BOTTOM DEPTH:               | 0         | 0.5                         |  | SCREEN/PORT DESC:        |  | NA           |  |
| FIELD MATRIX:               | R         | S                           |  | EXCAVATED: YES/NO/NA     |  |              |  |
| COMPOSITE TYPE: NA          |           | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO/NA |  |              |  |
| BOREHOLE: YES/NO/NA         |           | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  |              |  |

| # | PRIORITY | ORDER                | CNTNR                         | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|----------------------|-------------------------------|--------------|---------------|----------------------|
| 1 | Normal   | 8082+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 |          | Met+U+CLO4+C N       | 1 LITER POLY                  | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC:

Brown sandy silt

SAMPLE COMMENTS:

NA

LOCATION DESC:

5C-4, north side of building 15-41

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 22$  dpm $\beta \leq 2260$  dpm

PID ambient reading 0.0 ppm

HE negative

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT)

LARRY A. LOPEZ

|  |                                 |   |                              |
|--|---------------------------------|---|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>(Printed Name) S. MARICAN<br>(Signature) [Signature] | Date/Time<br>1/15/10<br>1550 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)                        | Date/Time                    |



## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7307

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED             |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/15/2010                  |  | MEDIA:                 |  | QBT3         |  |
| TIME COLLECTED (HH:MM)      |           | 1145                        |  | SUB-MEDIA:             |  | TUFF 1       |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE:      |  | HA           |  |
| LOCATION ID:                | 15-610558 | ↓                           |  | 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         | 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  | 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 |          | Met+U+CLO4+C N       | 1 GAT POLY 1/11/10<br>liter into 2c | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG       | None         | Y             |                      |

SAMPLE DESC:

Brown moist silty sand, some clay

SAMPLE COMMENTS:

NA

LOCATION DESC:

5C-4, north side of building 15-41

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 16$  dpm $BY \leq 1907$  dpmPID  $\frac{\text{reading}}{\text{ambient}} = \frac{0.0}{0.0}$  ppm

COLLECTED BY (PRINT)

ThMcFarlane

REVIEWED BY (PRINT)

LARRY A. LOPEZ

|  |                                 |  |                              |
|--|---------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>(Printed Name) L. MARTIN<br>(Signature) [Signature] | Date/Time<br>1/15/10<br>1550 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                    |

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7308

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED |  | AS PLANNED               |        | AS COLLECTED |                          |
|-----------------------------|-----------|--------------|--|--------------------------|--------|--------------|--------------------------|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/28/2010   |  | MEDIA:                   | QBT3   |              | ALLH                     |
| TIME COLLECTED (HH:MM)      |           | 0855         |  | SUB-MEDIA:               | TUFF 1 |              | NA                       |
| PRS ID:                     | 15-005(c) | ok           |  | SAMPLE TECH CODE:        | HA     |              | ok                       |
| LOCATION ID:                | 15-610559 | ↓            |  | FIELD QC TYPE:           | NA     |              | ↓                        |
| LOCATION TYPE:              | GENERIC   |              |  | FIELD PREP:              | NA     |              |                          |
| TOP DEPTH:                  | 0         | 0.0          |  | SAMPLE USAGE:            | INV    |              | ↓                        |
| BOTTOM DEPTH:               | 0         | 0.5          |  | SCREEN/PORT DESC:        |        |              | NA                       |
| FIELD MATRIX:               | R         | S            |  | EXCAVATED: YES/NO/NA     |        |              |                          |
| COMPOSITE TYPE:             | NA        |              |  | COMPOSITE TIME INTERVAL: | NA     |              | WATER FLOWING: YES/NO/NA |
| BOREHOLE: YES/NO/NA         |           |              |  | BOREHOLE DECLINATION:    | NA     |              | BOREHOLE DIRECTION: NA   |

| # | PRIORITY | ORDER                | CNTNR                         | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|----------------------|-------------------------------|--------------|---------------|----------------------|
| 1 | Normal   | 8082+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 |          | Met+U+CLO4+C N       | 1 GAL POLY liter 1/11/10 &c   | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC: brown silty sand, numerous rocks, some roots

FTB RE15-10-7329

SAMPLE COMMENTS:

NA

LOCATION DESC:

5c-3

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 11$  dpm  
 $\text{Bq} \leq 1976$  dpm

 PID ambient 0.0  
 reading 0.0 ppm  
 HE neg

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT) TLMcFarlane

|  |                              |  |                              |
|--|------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>1/28/10<br>1350 | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time<br>1/28/10<br>1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                    | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7309

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/28/2010                  |  | MEDIA: QBT3              |  | Allh         |  |
| TIME COLLECTED(HH:MM)       |           | 0900                        |  | SUB-MEDIA: TUFF 1        |  | NA           |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE: HA     |  | OK           |  |
| LOCATION ID:                | 15-610559 | ↓                           |  | 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 | 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 |          | Met+U+CLO4+C N       | 1 GAL POLY liter 1/11/10 LC   | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC:

Light brown sandy silt

FD: RE 15-10-7324

SAMPLE COMMENTS:

NA

LOCATION DESC: 5C-3

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 16$  dpmPID ambient 0.0 ppm  
reading 0.0 $\beta \leq 1824$  dpm

COLLECTED BY (PRINT)

TL McFarland

REVIEWED BY (PRINT) R Saunders

|   |                              |  |                              |
|---|------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R. Saunders<br>(Signature) R Saunders | Date/Time<br>1/28/10<br>1350 | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time<br>1/28/10<br>1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                        | Date/Time                    | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time                    |

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7310

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)      |           | 0935                        |  | SUB-MEDIA: TUFF.1        |  | NA           |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE: HA     |  | OK           |  |
| LOCATION ID:                | 15-610560 | ↓                           |  | FIELD QC TYPE: NA        |  | ↓            |  |
| LOCATION TYPE:              | GENERIC   | ↓                           |  | FIELD PREP: NA           |  | ↓            |  |
| TOP DEPTH:                  | 0         | 0.0                         |  | SAMPLE USAGE: INV        |  | ↓            |  |
| BOTTOM DEPTH:               | 0         | 0.5                         |  | SCREEN/PORT DESC:        |  | NA           |  |
| FIELD MATRIX:               | R         | S                           |  | EXCAVATED: YES/NO NA     |  |              |  |
| COMPOSITE TYPE: NA          |           | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO NA |  |              |  |
| BOREHOLE: YES/NO NA         |           | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  |              |  |

| # | PRIORITY | ORDER                | CNTNR                         | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|----------------------|-------------------------------|--------------|---------------|----------------------|
| 1 | normal   | 8260B                | 125 ML SEPTUM AMBER GLASS     | Ice          | Y             |                      |
| 1 |          | 8270C+NMED Exp       | 500 ML AMBER GLASS            | Ice          | Y             |                      |
| 1 |          | AM241+GS+ISO PU+ISOU | 1 LITER POLY                  | None         | Y             |                      |
| 1 |          | Met+U+CLO4+C N       | 1 GAL POLY liter &c 1/11/10   | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC:

moist silty clay with roots and grass

FTB RE15-10-7331

SAMPLE COMMENTS:

NA

LOCATION DESC: 5C-7 RS 01-15-10

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 16$  dpm

PID

 $\text{BY} \leq 2110$  dpm

ambient reading

0.0

0.0 ppm

HE NEG

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT)

TLMcFarland

|  |                                 |   |                              |
|--|---------------------------------|---|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>(Printed Name) G. WADSWORTH<br>(Signature) W | Date/Time<br>1/15/10<br>1550 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)                | Date/Time                    |

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7311

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)      |           | 0940                        |  | SUB-MEDIA: TUFF 1        |  | NA           |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE: HA     |  | OK           |  |
| LOCATION ID:                | 15-610560 | ↓                           |  | FIELD QC TYPE: NA        |  | ↓            |  |
| LOCATION TYPE:              | GENERIC   | ✓                           |  | FIELD PREP: NA           |  | ↓            |  |
| TOP DEPTH:                  | 0         | 2.0                         |  | SAMPLE USAGE: INV        |  | ↓            |  |
| BOTTOM DEPTH:               | 0         | 4.0                         |  | SCREEN/PORT DESC:        |  | NA           |  |
| FIELD MATRIX:               | R         | S                           |  | EXCAVATED: YES/NO/NA     |  |              |  |
| COMPOSITE TYPE: NA          |           | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO/NA |  |              |  |
| BOREHOLE: YES/NO/NA         |           | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  |              |  |

| # | PRIORITY | ORDER                | CNTNR                         | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|----------------------|-------------------------------|--------------|---------------|----------------------|
| 1 | normal   | 8260B                | 125 ML SEPTUM AMBER GLASS     | Ice          | Y             |                      |
| 1 |          | 8270C+NMED Exp       | 500 ML AMBER GLASS            | Ice          | Y             |                      |
| 1 |          | AM241+GS+ISO PU+ISOU | 1 LITER POLY                  | None         | Y             |                      |
| 1 |          | Met+U+CLO4+C N       | 1 GAL POLY liter 1/11/10      | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC: brown silty clay somewhat tuff fragments

FD: RE15-10-7323

SAMPLE COMMENTS:

hit Tuff at 3.5'

LOCATION DESC: 5C-7 drainage

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 38$  dpm

PID

ambient  
reading

0.0 ppm

BY  $\leq 1955$  dpm

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT)

Larry A. Lopez

|  |                                 |  |                              |
|--|---------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>(Printed Name) S. MARCUM<br>(Signature) [Signature] | Date/Time<br>1/15/10<br>1550 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                    |

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7312

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/28/2010                  |  | MEDIA: QBT3              |  | ALLH         |  |
| TIME COLLECTED (HH:MM)      |           | 0900                        |  | SUB-MEDIA: TUFF 1        |  | NA           |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE: HA     |  | OK           |  |
| LOCATION ID:                | 15-610561 | ↓                           |  | FIELD QC TYPE: NA        |  | ↓            |  |
| LOCATION TYPE:              | GENERIC   | ↓                           |  | FIELD PREP: NA           |  | ↓            |  |
| TOP DEPTH:                  | 0         | 0.0                         |  | SAMPLE USAGE: INV        |  | ↓            |  |
| BOTTOM DEPTH:               | 0         | 0.5                         |  | SCREEN/PORT DESC: NA     |  |              |  |
| FIELD MATRIX:               | R         | S                           |  | EXCAVATED: YES/NO/NA     |  |              |  |
| COMPOSITE TYPE: NA          |           | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO/NA |  |              |  |
| BOREHOLE: YES/NO/NA         |           | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  |              |  |

| # | PRIORITY | ORDER                | CNTNR                         | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|----------------------|-------------------------------|--------------|---------------|----------------------|
| 1 | normal   | 8260B                | 125 ML SEPTUM AMBER GLASS     | Ice          | Y             |                      |
| 1 |          | 8270C+NMED Exp       | 500 ML AMBER GLASS            | Ice          | Y             |                      |
| 1 |          | AM241+GS+ISO PU+ISOU | 1 LITER POLY                  | None         | Y             |                      |
| 1 |          | Met+U+CLO4+C N       | 1 GAL POLY liter 1/11/10 RC   | Ice          | Y             |                      |
| 1 | ✓        | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC: brown silty sand, some pebbles

SAMPLE COMMENTS:

NA

LOCATION DESC: 5C-1

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 5$  dpm

PID

HE NEG

BX  $\leq 1845$  dpmambient reading 0.0 ppm  
0.1

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT) TLMcFarland

|  |                              |  |                              |
|--|------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>1/28/10<br>1350 | RECEIVED BY<br>(Printed Name) [Signature]<br>(Signature) [Signature] | Date/Time<br>1/28/10<br>1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                    | RECEIVED BY<br>(Printed Name)<br>(Signature)                         | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7313

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/28/2010                  |  | MEDIA: QBT3              |  | Allh         |  |
| TIME COLLECTED(HH:MM)       |           | 0918                        |  | SUB-MEDIA: TUFF 1        |  | NA           |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE: HA     |  | OK           |  |
| LOCATION ID:                | 15-610561 | ↓                           |  | 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         | S                           |  | EXCAVATED: YES/NO NA     |  | ↓            |  |
| COMPOSITE TYPE: NA          |           | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO NA |  | NA           |  |
| BOREHOLE: YES/NO NA         |           | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  | 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 |          | Met+U+CLO4+C N       | 1 GAL POLY<br>liter 11/10 LC  | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC:

Light brown sandy silt, white tuff fragments

SAMPLE COMMENTS:

NA

LOCATION DESC: 5C-1

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 5$  dpm

PID

ambient  
reading 0.0 ppm $\text{BY} \leq 1790$  dpm

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT)

TL McFarland

|  |                              |  |                              |
|--|------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>1/28/10<br>1350 | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time<br>1/28/10<br>1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                    | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time                    |

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7314

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED |  | AS PLANNED               |        | AS COLLECTED |                          |
|-----------------------------|-----------|--------------|--|--------------------------|--------|--------------|--------------------------|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/28/2010   |  | MEDIA:                   | QBT3   |              | Allh                     |
| TIME COLLECTED (HH:MM)      |           | 0906         |  | SUB-MEDIA:               | TUFF 1 |              | NA                       |
| PRS ID:                     | 15-005(c) | OK           |  | SAMPLE TECH CODE:        | HA     |              | OK                       |
| LOCATION ID:                | 15-610562 | ↓            |  | FIELD QC TYPE:           | NA     |              | ↓                        |
| LOCATION TYPE:              | GENERIC   | ↓            |  | FIELD PREP:              | NA     |              | ↓                        |
| TOP DEPTH:                  | 0         | 0.0          |  | SAMPLE USAGE:            | INV    |              | ↓                        |
| BOTTOM DEPTH:               | 0         | 0.5          |  | SCREEN/PORT DESC:        |        |              | NA                       |
| FIELD MATRIX:               | R         | S            |  | EXCAVATED: YES/NO/NA     |        |              |                          |
| COMPOSITE TYPE:             | NA        |              |  | COMPOSITE TIME INTERVAL: | NA     |              | WATER FLOWING: YES/NO/NA |
| BOREHOLE: YES/NO/NA         |           |              |  | BOREHOLE DECLINATION:    | NA     |              | BOREHOLE DIRECTION: NA   |

| # | PRIORITY | ORDER                | CNTNR                         | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|----------------------|-------------------------------|--------------|---------------|----------------------|
| 1 | Normal   | 8260B                | 125 ML SEPTUM AMBER GLASS     | Ice          | Y             |                      |
| 1 | ↓        | 8270C+NMED Exp       | 500 ML AMBER GLASS            | Ice          | Y             |                      |
| 1 | ↓        | AM241+GS+ISO PU+ISOU | 1 LITER POLY                  | None         | Y             |                      |
| 1 | ↓        | Met+U+CLO4+C N       | 1 GAL POLY liter 1/11/10 RC   | Ice          | Y             |                      |
| 1 | ↓        | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC:

Frozen brown silty sand

SAMPLE COMMENTS:

NA

LOCATION DESC:

5c-2

FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 11 dpm  
 BY ≤ 1734 dpm

PID ambient reading  $\frac{0.1}{0.1}$  ppm  
 HE negative

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT) TLMcFarland

|  |                              |  |                              |
|--|------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>1/28/10<br>1350 | RECEIVED BY<br>(Printed Name)<br>(Signature) [Signature] | Date/Time<br>1/28/10<br>1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                    | RECEIVED BY<br>(Printed Name)<br>(Signature)             | Date/Time                    |



## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7315

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED |  | AS PLANNED               |        | AS COLLECTED |     |
|-----------------------------|-----------|--------------|--|--------------------------|--------|--------------|-----|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/28/2010   |  | MEDIA:                   | QBT3   |              | Auh |
| TIME COLLECTED (HH:MM)      |           | 0920         |  | SUB-MEDIA:               | TUFF 1 |              | NA  |
| PRS ID:                     | 15-005(c) | OK           |  | SAMPLE TECH CODE:        | HA     |              | OK  |
| LOCATION ID:                | 15-610562 | ↓            |  | 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         | S            |  | EXCAVATED: YES/NO/NA     | NO/NA  |              |     |
| COMPOSITE TYPE:             | NA        |              |  | COMPOSITE TIME INTERVAL: | NA     |              |     |
| BOREHOLE: YES/NO/NA         | 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 |          | Met+U+CLO4+C N       | 1 GAL POLY<br>liter 1/11/10 LC | Ice          | Y             |                      |
| 1 | ↓        | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG  | None         | Y             |                      |

SAMPLE DESC:

Light brown sandy silt, white tuff fragments  
Field sample collected with this sample RE15-10-7326

SAMPLE COMMENTS:

NA

FR: RE15-10-7326

LOCATION DESC: 5C-2

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 27$  dpm

PID

 $\text{BY} \leq 16,37$  dpm

ambient 0.0 ppm  
reading 0.0

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT)

Larry A. Lopez

|  |                              |   |                              |
|--|------------------------------|---|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>1/28/10<br>1350 | RECEIVED BY<br>(Printed Name)<br>(Signature) Joseph W. G. | Date/Time<br>1/28/10<br>1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                    | RECEIVED BY<br>(Printed Name)<br>(Signature)              | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7316

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/28/2010                  |  | MEDIA:                   |  | QBT3         |  |
| TIME COLLECTED (HH:MM)      |           | 0930                        |  | SUB-MEDIA:               |  | TUFF 1       |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE:        |  | HA           |  |
| LOCATION ID:                | 15-610563 | ↓                           |  | FIELD QC TYPE:           |  | NA           |  |
| LOCATION TYPE:              | GENERIC   | ↓                           |  | FIELD PREP:              |  | NA           |  |
| TOP DEPTH:                  | 0         | 0.0                         |  | SAMPLE USAGE:            |  | INV          |  |
| BOTTOM DEPTH:               | 0         | 0.7                         |  | SCREEN/PORT DESC:        |  | NA           |  |
| FIELD MATRIX:               | R         | S                           |  | EXCAVATED: YES/NO/NA     |  | NA           |  |
| COMPOSITE TYPE: NA          |           | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO/NA |  | NA           |  |
| BOREHOLE: YES/NO/NA         |           | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  | 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 |          | Met+U+CLO4+C N       | 1 GAL POLY<br>liter 1/11/10 LC | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG  | None         | Y             |                      |

SAMPLE DESC:

Brown frozen silty sand

SAMPLE COMMENTS:

NA

LOCATION DESC:

5c-6

FIELD SCREENING/MEASUREMENT RESULTS: PID

ambient 0.0  
reading 0.5

α ≤ 0 dpm

β ≤ 1513 dpm

HE negative

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT) TLMcFarland

|  |                              |  |                              |
|--|------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>1/28/10<br>1350 | RECEIVED BY<br>(Printed Name)<br>(Signature) [Signature] | Date/Time<br>1/28/10<br>1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                    | RECEIVED BY<br>(Printed Name)<br>(Signature)             | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7317

WORK ORDER:

| AS PLANNED                  |  | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|--|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |  | 01/28/2010                  |  | MEDIA:                   |  | QBT3         |  |
| TIME COLLECTED (HH:MM)      |  | 0934                        |  | SUB-MEDIA:               |  | TUFF 1       |  |
| PRS ID: 15-005(c)           |  | ok                          |  | SAMPLE TECH CODE:        |  | HA           |  |
| LOCATION ID: 15-610563      |  | ↓                           |  | 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             |  | 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 |          | Met+U+CLO4+C N       | 1 GAL POLY<br>liter 1/11/10 LC | Ice          | Y             |                      |
| 1 | ✓        | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG  | None         | Y             |                      |

SAMPLE DESC:

Light brown sandy silt, white tuff fragments

SAMPLE COMMENTS:

NA

LOCATION DESC:

5c-6

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \pm 22$  dpm  
 $\beta \pm 1935$  dpm

 $\frac{\text{ambient}}{\text{reading}} = \frac{0.0}{0.3} \text{ ppm}$ 

COLLECTED BY (PRINT)

TLMcFarlane

REVIEWED BY (PRINT)

R Saunders

|  |                              |  |                              |
|--|------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>1/28/10<br>1350 | RECEIVED BY<br>(Printed Name)<br>(Signature) [Signature] | Date/Time<br>1/28/10<br>1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                    | RECEIVED BY<br>(Printed Name)<br>(Signature)             | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7318

WORK ORDER:

| AS PLANNED                         |           | AS COLLECTED                |  | AS PLANNED                              |  | AS COLLECTED |  |
|------------------------------------|-----------|-----------------------------|--|---|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY):        |           | 01/28/2010                  |  | MEDIA:                                  |  | QBT3         |  |
| TIME COLLECTED (HH:MM)             |           | 0943                        |  | SUB-MEDIA:                              |  | TUFF 1       |  |
| PRS ID:                            | 15-005(c) | OK                          |  | SAMPLE TECH CODE:                       |  | HA           |  |
| LOCATION ID:                       | 15-610564 | ↓                           |  | FIELD QC TYPE:                          |  | NA           |  |
| LOCATION TYPE:                     | GENERIC   | ↓                           |  | FIELD PREP:                             |  | NA           |  |
| TOP DEPTH:                         | 0         | 0.0                         |  | SAMPLE USAGE:                           |  | INV          |  |
| BOTTOM DEPTH:                      | 0         | 0.7                         |  | SCREEN/PORT DESC:                       |  | NA           |  |
| FIELD MATRIX:                      | R         | S                           |  | EXCAVATED: YES / <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   | 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 |          | Met+U+CLO4+C N       | 1 GAL POLY liter 1/11/10 LC   | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC:

Brown silty sand, numerous rocks, grass roots

SAMPLE COMMENTS:

NA

LOCATION DESC:

5c-5

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 5$  dpm  
 $\text{BX} \leq 2080$  dpm

HE negative

 PID ambient reading  $\frac{0.1}{0.4}$  ppm

COLLECTED BY (PRINT)

R Saunders

REVIEWED BY (PRINT)

TL McFarland

|  |                              |  |                              |
|--|------------------------------|--|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>1/28/10<br>1350 | RECEIVED BY<br>(Printed Name)<br>(Signature) <i>Geoffrey</i> | Date/Time<br>1/28/10<br>1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                    | RECEIVED BY<br>(Printed Name)<br>(Signature)                 | Date/Time                    |

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7319

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/28/2010                  |  | MEDIA:                   |  | QBT3         |  |
| TIME COLLECTED (HH:MM)      |           | 0945                        |  | SUB-MEDIA:               |  | TUFF 1       |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE:        |  | HA           |  |
| LOCATION ID:                | 15-610564 | ↓                           |  | 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         | S                           |  | EXCAVATED: YES/NO/NA     |  | NO/NA        |  |
| COMPOSITE TYPE: NA          |           | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO/NA |  | NO/NA        |  |
| BOREHOLE: YES/NO/NA         |           | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  |              |  |

| # | PRIORITY | ORDER                | CNTNR                            | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|----------------------|----------------------------------|--------------|---------------|----------------------|
| 1 | 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 |          | Met+U+CLO4+C N       | 1 GAL POLY<br>1 liter 1/11/10 RC | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG    | None         | Y             |                      |

SAMPLE DESC:

Brown sandy silt, white tuff fragments

SAMPLE COMMENTS:

NA

LOCATION DESC:

5c-6 5c-5  
73m 1/28/10

FIELD SCREENING/MEASUREMENT RESULTS:

α ± 5 dpm  
BX ± 1686 dpmPID  $\frac{\text{ambient reading}}{0.2}$  ppm

COLLECTED BY (PRINT)

TLMcFarlane

REVIEWED BY (PRINT)

R Saunders

|   |                              |   |                              |
|---|------------------------------|---|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) <i>R Saunders</i> | Date/Time<br>1/28/10<br>1350 | RECEIVED BY<br>(Printed Name)<br>(Signature) <i>[Signature]</i> | Date/Time<br>1/28/10<br>1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                              | Date/Time                    | RECEIVED BY<br>(Printed Name)<br>(Signature)                    | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7320

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:                     | 15-005(c) |                          | 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<br>Y/N | SPECIAL INSTRUCTIONS |
|---|----------|-------------------------|----------------------------------|--------------|------------------|----------------------|
| 1 |          | 8082+8270+NME<br>D-EXP  | 500 ML AMBER GLASS               | Ice          |                  |                      |
| 1 |          | 8260B                   | 125 ML SEPTUM AMBER<br>GLASS     | Ice          |                  |                      |
| 1 |          | AM241+GS+ISO<br>PU+ISOU | 1 LITER POLY                     | None         |                  |                      |
| 1 |          | Met+U+CLO4+C<br>N       | 1 GAL POLY<br>liter 1/11/10 LC   | Ice          |                  |                      |
| 1 |          | RADVANA+B+G             | 1 EA 8 IN RESEALABLE<br>POLY BAG | None         |                  |                      |

SAMPLE DESC:

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

REVIEWED BY (PRINT)

|  |           |  |           |
|--|-----------|--|-----------|
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7321

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: 15-005(c)           |                          | 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 |          | 8260B                | 125 ML SEPTUM AMBER GLASS     | Ice          |               |                      |
| 1 |          | AM241+GS+ISO PU+ISOU | 1 LITER POLY                  | None         |               |                      |
| 1 |          | Met+U+CLO4+C N       | 1 GAL POLY<br>liter 1/11/10   | 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)

TLM cFarland

REVIEWED BY (PRINT)

|  |           |  |           |
|--|-----------|--|-----------|
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7322

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: 15-005(c)           |                          | 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 |          | 8260B                | 125 ML SEPTUM AMBER GLASS      | Ice          |               |                      |
| 1 |          | AM241+GS+ISO PU+ISOU | 1 LITER POLY                   | None         |               |                      |
| 1 |          | Met+U+CLO4+C N       | 1 GAL POLY<br>liter 1/11/10 RC | 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)

|  |           |  |           |
|--|-----------|--|-----------|
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |



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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7323

WORK ORDER: \_\_\_\_\_

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/15/2010                  |  | MEDIA:                   |  | OBT3         |  |
| TIME COLLECTED (HH:MM)      |           | 0940                        |  | SUB-MEDIA:               |  | TUFF 1       |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE:        |  | HA           |  |
| LOCATION ID:                | UNK       | 15-610560                   |  | FIELD QC TYPE:           |  | FD           |  |
| LOCATION TYPE:              | GENERIC   | OK                          |  | FIELD PREP:              |  | NA           |  |
| TOP DEPTH:                  | 0         | 2.0                         |  | SAMPLE USAGE:            |  | QC           |  |
| BOTTOM DEPTH:               | 0         | 4.0                         |  | SCREEN/PORT DESC:        |  | NA           |  |
| FIELD MATRIX:               | R         | S                           |  | EXCAVATED: YES/NO/NA     |  |              |  |
| COMPOSITE TYPE: NA          |           | COMPOSITE TIME INTERVAL: NA |  | WATER FLOWING: YES/NO/NA |  |              |  |
| BOREHOLE: YES/NO/NA         |           | BOREHOLE DECLINATION: NA    |  | BOREHOLE DIRECTION: NA   |  |              |  |

| # | PRIORITY | ORDER                                | CNTNR                            | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|--------------------------------------|----------------------------------|--------------|---------------|----------------------|
| 1 | Normal   | ESOI-15-10<br>8082+8270+NME<br>D-EXP | 500 ML AMBER GLASS               | Ice          | Y             |                      |
| 1 |          | 8260B                                | 125 ML SEPTUM AMBER GLASS        | Ice          | Y             |                      |
| 1 |          | AM241+GS+ISO<br>PU+ISOU              | 1 LITER POLY                     | None         | Y             |                      |
| 1 |          | Met+U+CLO4+C<br>N                    | 1 GAL POLY<br>liter 1/11/10      | Ice          | Y             |                      |
| 1 |          | RADVANA+B+G                          | 1 EA 8 IN RESEALABLE<br>POLY BAG | None         | Y             |                      |

SAMPLE DESC: QC Sample of RE15-10-7311

Brown silty clay, some white tuff fragments

SAMPLE COMMENTS:

Hit tuff at 3.5'

LOCATION DESC:

5c-7 drainage

FIELD SCREENING/MEASUREMENT RESULTS:

α ≤ 38 dpm  
 Bx ≤ 1955 dpm

PID ambient  
 reading 0.0 ppm

COLLECTED BY (PRINT)

TLMcFarlane

REVIEWED BY (PRINT)

R Saunders

|  |                                 |   |                              |
|--|---------------------------------|---|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>S. MARCHY<br>(Printed Name)<br>(Signature) W | Date/Time<br>1/15/10<br>1550 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)                | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7324

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/28/2010                  |  | MEDIA: QBT3              |  | Allh         |  |
| TIME COLLECTED (HH:MM)      |           | 0900                        |  | SUB-MEDIA: TUFF 1        |  | NA           |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE: HA     |  | OK           |  |
| LOCATION ID:                | UNK       | 15-610559                   |  | FIELD QC TYPE: ED        |  | ↓            |  |
| LOCATION TYPE:              | GENERIC   | OK                          |  | FIELD PREP: NA           |  |              |  |
| TOP DEPTH:                  | 0         | 2.0                         |  | SAMPLE USAGE: QC         |  |              |  |
| 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 | 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 | ↓        | Met+U+CLO4+C N       | 1 GAL POLY liter 1/11/10 RC   | Ice          | Y             |                      |
| 1 | ↓        | RADVANA+B+G          | 1 EA 8 IN RESEALABLE POLY BAG | None         | Y             |                      |

SAMPLE DESC: QC Sample of RE15-10-7308

Light brown sandy silt

SAMPLE COMMENTS:

NA

LOCATION DESC:

5c-3

FIELD SCREENING/MEASUREMENT RESULTS:

 $\alpha \leq 16$  dpm  
 $\beta \leq 1824$  dpm

PID ambient reading 0.0 / 0.0 ppn

COLLECTED BY (PRINT)

JL McFarland

REVIEWED BY (PRINT)

R Saunders

|   |                              |   |                              |
|---|------------------------------|---|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) <i>R Saunders</i> | Date/Time<br>1/28/10<br>1350 | RECEIVED BY<br>(Printed Name)<br>(Signature) <i>Jeylen S.</i> | Date/Time<br>1/28/10<br>1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                              | Date/Time                    | RECEIVED BY<br>(Printed Name)<br>(Signature)                  | Date/Time                    |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7325

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: 15-005(c)   |  |                     | 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 |          | 8260B                | 125 ML SEPTUM AMBER GLASS      | Ice          |               |                      |
| 1 |          | AM241+GS+ISO PU+ISOU | 1 LITER POLY                   | None         |               |                      |
| 1 |          | Met+U+CLO4+C N       | 1 GAL POLY<br>liter 1/11/10 Re | 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)

REVIEWED BY (PRINT)

|  |           |  |           |
|--|-----------|--|-----------|
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7326

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED                |  | AS PLANNED             |  | AS COLLECTED |  |
|-----------------------------|-----------|-----------------------------|--|------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/28/2010                  |  | MEDIA:                 |  | NA           |  |
| TIME COLLECTED (HH:MM)      |           | 0933                        |  | SUB-MEDIA:             |  | OTHER        |  |
| PRS ID:                     | 15-005(c) | OK                          |  | SAMPLE TECH CODE:      |  | DC           |  |
| LOCATION ID:                | UNK       | OK                          |  | FIELD QC TYPE:         |  | FR           |  |
| LOCATION TYPE:              | GENERIC   | OK                          |  | FIELD PREP:            |  | UF           |  |
| TOP DEPTH:                  | 0         | OK                          |  | SAMPLE USAGE:          |  | QC           |  |
| BOTTOM DEPTH:               | 0         | OK                          |  | 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: NA    |  | BOREHOLE DIRECTION: NA |  |              |  |

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

SAMPLE DESC: QC Sample of RE15-10-7315

## SAMPLE COMMENTS:

Field Pinate

## LOCATION DESC:

SC-2

## FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq NA$   
 $\beta / \gamma \leq NA$  12m 1/28/10  
 NA

COLLECTED BY (PRINT)

REVIEWED BY (PRINT)

Larry A. Lopez

R Saunders

|   |                           |  |                           |
|---|---------------------------|--|---------------------------|
| RELINQUISHED BY R Saunders<br>(Printed Name) Larry A. Lopez 1/28/10<br>(Signature) Larry A. Lopez 1/28/10 | Date/Time<br>1/28/10 1350 | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time<br>1/28/10 1350 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)  | Date/Time                 | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time                 |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7327

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>15-005(c)</u>      |  |                     | SAMPLE TECH CODE: <u>DC</u>    |  |                     |
| LOCATION ID: <u>UNK</u>       |  |                     | FIELD QC TYPE: <u>ER</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)

TLMcFarland

REVIEWED BY (PRINT)

|  |           |  |           |
|--|-----------|--|-----------|
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7328

WORK ORDER:

| AS PLANNED                  |  | AS COLLECTED                |  | AS PLANNED               |  | AS COLLECTED |  |
|-----------------------------|--|-----------------------------|--|--------------------------|--|--------------|--|
| DATE COLLECTED(MM/DD/YYYY): |  | 01/15/2010                  |  | MEDIA:                   |  | NA           |  |
| TIME COLLECTED (HH:MM)      |  | 1010                        |  | SUB-MEDIA:               |  | OTHER        |  |
| PRS ID: 15-005(c)           |  | OK                          |  | SAMPLE TECH CODE:        |  | DC           |  |
| LOCATION ID: UNK            |  | 15-610555                   |  | 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: NR   |  |              |  |

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

SAMPLE DESC: QC Sample of RE15-10-7300

## SAMPLE COMMENTS:

Rinsate

## LOCATION DESC:

NA

## FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

T L McFarland

REVIEWED BY (PRINT)

Larry A. Lopez

|  |                                 |   |                              |
|--|---------------------------------|---|------------------------------|
| RELINQUISHED BY<br>(Printed Name) R Saunders<br>(Signature) R Saunders | Date/Time<br>01/15/2010<br>1550 | RECEIVED BY<br>(Printed Name) S. MARCANA<br>(Signature) [Signature] | Date/Time<br>1/15/10<br>1550 |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                       | Date/Time                       | RECEIVED BY<br>(Printed Name)<br>(Signature)                        | Date/Time                    |

## SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7329

WORK ORDER:

| AS PLANNED                  |           | AS COLLECTED | AS PLANNED               |       | AS COLLECTED |
|-----------------------------|-----------|--------------|--------------------------|-------|--------------|
| DATE COLLECTED(MM/DD/YYYY): |           | 01/28/2010   | MEDIA:                   | NA    | ok           |
| TIME COLLECTED (HH:MM)      |           | 0846         | SUB-MEDIA:               | OTHER |              |
| PRS ID:                     | 15-005(c) | ok           | SAMPLE TECH CODE:        | DC    |              |
| LOCATION ID:                | UNK       | 15-610559    | FIELD QC TYPE:           | FTB   |              |
| LOCATION TYPE:              | GENERIC   | ok           | FIELD PREP:              | NA    |              |
| TOP DEPTH:                  | 0         |              | SAMPLE USAGE:            | QC    |              |
| BOTTOM DEPTH:               | 0         |              | SCREEN/PORT DESC:        |       | NA           |
| FIELD MATRIX:               | 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 |
|-------------|----------|------------------|--------------------------|--------------|---------------|----------------------|
| 13m 1/28/10 |          |                  |                          |              |               |                      |
| 1           | Normal   | 8260B Trip Blank | 40 ML SEPTUM AMBER GLASS | Ice          | Y             |                      |

SAMPLE DESC: QC Sample of RE15-10-7308

SAMPLE COMMENTS:

FTB

LOCATION DESC:

NA

FIELD SCREENING/MEASUREMENT RESULTS:

NA

COLLECTED BY (PRINT)

TLMcFarland

REVIEWED BY (PRINT)

R Saunders

|                           |           |                |           |
|---------------------------|-----------|----------------|-----------|
| RELINQUISHED BY           | Date/Time | RECEIVED BY    | Date/Time |
| (Printed Name) R Saunders | 1/28/10   | (Printed Name) | 1/28/10   |
| (Signature) R Saunders    | 1350      | (Signature)    | 1350      |
| RELINQUISHED BY           | Date/Time | RECEIVED BY    | Date/Time |
| (Printed Name)            |           | (Printed Name) |           |
| (Signature)               |           | (Signature)    |           |

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

EVENT ID: 2482

EVENT NAME: 4th Qtr. FY09 - AOC 15-005(c) - Threemile Canyon

SAMPLE ID: RE15-10-7330

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: 15-005(c)           |                          | SAMPLE TECH CODE:        | DC                  |
| LOCATION ID: UNK            |                          | FIELD QC TYPE:           | FTB                 |
| LOCATION TYPE: GENERIC      |                          | FIELD PREP:              | NA                  |
| TOP DEPTH: 0                |                          | SAMPLE USAGE:            | QC                  |
| BOTTOM DEPTH: 0             |                          | SCREEN/PORT DESC:        |                     |
| FIELD MATRIX: S             |                          | EXCAVATED: YES/NO/NA     |                     |
| COMPOSITE TYPE:             | COMPOSITE TIME INTERVAL: | WATER FLOWING: YES/NO/NA |                     |
| BOREHOLE: YES/NO/NA         | BOREHOLE DECLINATION:    | BOREHOLE DIRECTION:      |                     |

| # | PRIORITY | ORDER            | CNTNR                    | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|---|----------|------------------|--------------------------|--------------|---------------|----------------------|
| 2 |          | 8260B Trip Blank | 40 ML SEPTUM AMBER GLASS | Ice          |               |                      |

SAMPLE DESC: QC Sample of

SAMPLE COMMENTS:

LOCATION DESC:

FIELD SCREENING/MEASUREMENT RESULTS:

COLLECTED BY (PRINT)

Th McFarland

REVIEWED BY (PRINT)

|  |           |  |           |
|--|-----------|--|-----------|
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) | Date/Time | RECEIVED BY<br>(Printed Name)<br>(Signature) | Date/Time |



**WORK ORDER:**

|   |  |  |                                     |
|---|--|--|-------------------------------------|
| <b>RELINQUISHED BY</b><br>(Printed Name) R Saunders<br>(Signature) R Saunders | <b>Date/Time</b><br>01/15/2010<br>1550 | <b>RECEIVED BY</b> S. MAROTAY<br>(Printed Name)<br>(Signature) [Signature] | <b>Date/Time</b><br>1/15/10<br>1550 |
| <b>RELINQUISHED BY</b><br>(Printed Name)<br>(Signature)                       | <b>Date/Time</b>                       | <b>RECEIVED BY</b><br>(Printed Name)<br>(Signature)                        | <b>Date/Time</b>                    |