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REDACTED

# United States Environmental Protection Agency
# Region 4

OTIE
Oneida Total Integrated Enterprises

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**35TH AVENUE REMOVAL INVESTIGATION**
**BIRMINGHAM, ALABAMA**
**JEFF CROWLEY, ON-SCENE COORDINATOR**

## FIELD SAMPLING LOGBOOK

**Book** 1 **of** 1

**Inclusive Dates:** 02/14/13 – 02/15/13

**List of Sampling Team in logbook:**

| Name | Initials | Organization/Duties |
|---|---|---|
| (b) (6) | | OTIE, Team Leader |
| | | URS |
| | | OTIE |
| | | OTIE |
| | | URS |
| | | ~~Aerostar~~ |
| | | Aerostar |
| | | OTIE |

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# Sampling Procedures and Methodology

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SESD) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SESDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than (≤) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than (>) 5,000 square feet and ≤ ¼-acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over ¼-acre in parcel lot size will be divided into ¼-acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SESD FBSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SESD FBQSTP Field XRF Measurement (SESDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

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Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The ***station ID*** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with "A".

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The ***sample ID*** for each sample is the station ID with "CS" (composite soil), "GS" (grab soil), "SD" (sediment), or "SW" (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a "D" to the end of the sample ID. Pan splits will be identified by appending an "SP" to the end of the sample ID.

ADDRESS: (b) (6) PROPERTY ID: CV0240

DATE: 2/14/13 ARRIVAL TIME: 0835

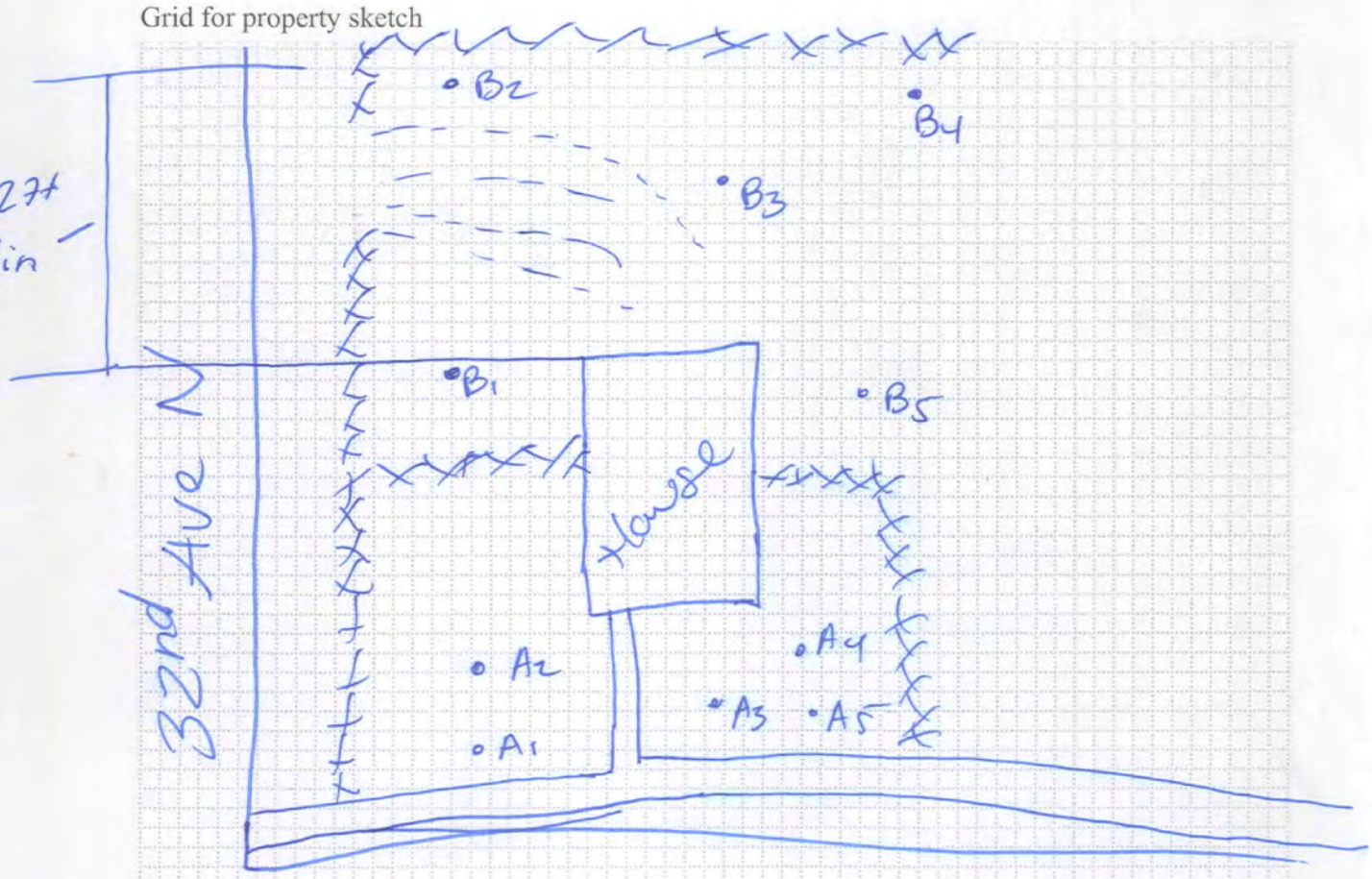
Other pertinent information (weather conditions, etc.):

40°F, Sunny

PROPERTY COMMENTS:

Resident Home

Grid for property sketch




(b) (6)

STATION ID: CV0240A SAMPLE ID: CV0240A-CS

SAMPLE COLLECTION TIME: 0846

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: *Yes or No If yes, indicate* Duplicate/split sample station ID:

GPS Coordinates: Trimble [ ✓ ] Instrument #: 018165 Logged? Y or N

Aliquot #1: *Latitude:* 33.55455537 N *Longitude* 86.80287148 W

Media description: Blk silty soil

Aliquot #2 *Latitude:* 33.55455227 N *Longitude* 86.80291426 W

Media description: Blk silty soil

Aliquot #3: *Latitude:* 33.55460661 N *Longitude* 86.80288163 W

Media description: Blk silty soil

Aliquot #4: *Latitude:* 33.55464473 N *Longitude* 86.80289504 W

Media description: Blk silty soil

Aliquot #5: *Latitude:* 33.55464399 N *Longitude* 86.55464399 W

Media description: Blk silty soil

STATION ID: CV0240B SAMPLE ID: CV0240B-CS

SAMPLE COLLECTION TIME: 0858

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: *Yes or No If yes, indicate* Duplicate/split sample station ID:

GPS Coordinates: Trimble [ ✓ ] Instrument #: 018165 Logged? Y or N

Aliquot #1: *Latitude:* 33.55457071 N *Longitude* 86.80315813 W

Media description: Blk silty soil w/ some gravel

Aliquot #2 *Latitude:* 33.55457500 N *Longitude* 86.80323103 W

Media description: Same as previous

Aliquot #3: *Latitude:* 33.55462704 N *Longitude* 86.80318861 W

Media description: Same as previous

Aliquot #4: *Latitude:* 33.55466498 N *Longitude* 86.80322403 W

Media description: Same as previous

Aliquot #5: *Latitude:* 33.55465981 N *Longitude* 86.80315497 W

Media description: Same as previous

ADDRESS: _____ PROPERTY ID: FM0161

DATE: 2/14/13 ARRIVAL TIME: 1020

Other pertinent information (weather conditions, etc.):

47°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch

**STATION ID:** FM0161P **SAMPLE ID:** FM0161P-CS

**SAMPLE COLLECTION TIME:** 1027

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: med brown silty course sand

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

**STATION ID:** FM0161Q **SAMPLE ID:** FM0161Q-CS

**SAMPLE COLLECTION TIME:** 1031

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brun silty clay damp w/ some gravel

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FM0161

DATE: 2/14/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

47°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch

**STATION ID:** FM0161R **SAMPLE ID:** FM0161R-CS

**SAMPLE COLLECTION TIME:** 1035

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: med sandy silty clay

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

**STATION ID:** FM0161S **SAMPLE ID:** FM0161S-CS

**SAMPLE COLLECTION TIME:** 1045

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Dk brwn silty clay wet w/ some gravel

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FM0161

DATE: 2/14/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):
47°F, Sunny

PROPERTY COMMENTS:

~~SVOC Sample taken @ Station FM0161F~~
BB 2/14/13 ~~in addition~~

Grid for property sketch

**STATION ID:** FM0161 T **SAMPLE ID:** FM0161T-CS

**SAMPLE COLLECTION TIME:** 1049 Arrived @1020

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* ***If yes, indicate*** **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: DK brun silty clay

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

**STATION ID:** FM0161 U **SAMPLE ID:** FM0161U-CS

**SAMPLE COLLECTION TIME:** 1252 Arrived @ 1245

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* ***If yes, indicate*** **Duplicate/split sample station ID:** FM0161UCSD @ 1254

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: med sandy silt med brun

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FM0161

DATE: 2/14/13 ARRIVAL TIME: — @1245

Other pertinent information (weather conditions, etc.):

47°F, sunny

PROPERTY COMMENTS:

*SVOC sample taken @ station FM0161W in addition

Grid for property sketch

**STATION ID:** FM0161 V **SAMPLE ID:** FM0161V-CS

**SAMPLE COLLECTION TIME:** 1258

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brun clay sand w/ gravel

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

* **STATION ID:** FM0161W **SAMPLE ID:** FM0161W-CS

**SAMPLE COLLECTION TIME:** 1300

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: brun silty clay damp w/ some coal fragments

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

**ADDRESS:** _____ **PROPERTY ID:** FM0161

**DATE:** 2/14/13 **ARRIVAL TIME:** — @ 1245

**Other pertinent information (weather conditions, etc.):**

52°F, sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161 X **SAMPLE ID:** FM0161X-CS

**SAMPLE COLLECTION TIME:** 1306

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: med brun sandy clay silt

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

**STATION ID:** FM0161 Y **SAMPLE ID:** FM0161Y-CS

**SAMPLE COLLECTION TIME:** 1310

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: brun clay sand w/ gravel

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

**ADDRESS:** _____ **PROPERTY ID:** FM0161

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

50°F, sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161 Z **SAMPLE ID:** FM0161Z-CS

**SAMPLE COLLECTION TIME:** 1326 Arrived @ 1245

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** (Composite) or Grab **MS/MSD?** Y or (N)

**Field Duplicate or Split:** *Yes or* (No) *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? (Y) or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Dk brn silty clay dry

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same soil

**STATION ID:** FM0161AK **SAMPLE ID:** FM0161AK-GS

**SAMPLE COLLECTION TIME:** 1037 Arrived @ 1020

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or (Grab) **MS/MSD?** Y or (N)

**Field Duplicate or Split:** *Yes or* (No) *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? (Y) or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brun Silty Clay wet

Aliquot #2 *Latitude:* N *Longitude* W

Media description:

Aliquot #3: *Latitude:* N *Longitude* W

Media description:

Aliquot #4: *Latitude:* N *Longitude* W

Media description:

Aliquot #5: *Latitude:* N *Longitude* W

Media description:

**ADDRESS:** _____ **PROPERTY ID:** FM0161

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

50°F, sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161AL **SAMPLE ID:** FM0161AL-GS

**SAMPLE COLLECTION TIME:** 1052

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

BB 2/14/13

**Collection:** ~~Composite~~ or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:** _____

**GPS Coordinates**: Trimble [✓] Instrument #: _____ Logged? Y or N

Aliquot #1: *Latitude:* _____ N *Longitude* _____ W

Media description: brown silty sandy clay

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W

Media description: _____

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W

Media description: _____ BB

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W

Media description: _____

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W

Media description: _____

**STATION ID:** FM0161AM **SAMPLE ID:** FM0161AM-GS

**SAMPLE COLLECTION TIME:** 1053

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:** _____

**GPS Coordinates**: Trimble [✓] Instrument #: _____ Logged? Y or N

Aliquot #1: *Latitude:* _____ N *Longitude* _____ W

Media description: med brwn silty clay

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W

Media description: _____

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W

Media description: _____ BB

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W

Media description: _____

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W

Media description: _____

**ADDRESS:** _____ **PROPERTY ID:** FMD161

**DATE:** 02/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**
58° F Sunny, calm 53% humidity

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161AA **SAMPLE ID:** FM0161AA-CS

**SAMPLE COLLECTION TIME:** 1325

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** (Composite) or Grab **MS/MSD?** Y or (N)

**Field Duplicate or Split:** *Yes or* (*No*) *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? (Y) or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brn slty sndy clay dmp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same soil

**STATION ID:** FM0161BB **SAMPLE ID:** FM0161BB-CS

**SAMPLE COLLECTION TIME:** 1346

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** (Composite) or Grab **MS/MSD?** Y or (N)

**Field Duplicate or Split:** (*Yes or*) *No* *If yes, indicate* **Duplicate/split sample station ID:** FM0161BB-CSD @ 1349

**GPS Coordinates**: Trimble [X] Instrument #: Logged? (Y) or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: DK brn slty clay dmp w/ some debris

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same soil

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same soil

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same soil

**ADDRESS:** _____ **PROPERTY ID:** PM0161

**DATE:** 02/14/13 **ARRIVAL TIME:** _____

**Other pertinent information (weather conditions, etc.):**

52°F Sunny/Fair Winds WSW 1MPH, 53% humidity

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161AN **SAMPLE ID:** FM0161AN-GS

**SAMPLE COLLECTION TIME:** 1341

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brn orange silty/sandy clay dmp

Aliquot #2 *Latitude:* N *Longitude* W

Media description:

Aliquot #3: *Latitude:* N *Longitude* W

Media description:

Aliquot #4: *Latitude:* N *Longitude* W

Media description:

Aliquot #5: *Latitude:* N *Longitude* W

Media description:

**STATION ID:** FM0161AO **SAMPLE ID:** FM0161AO-GS

**SAMPLE COLLECTION TIME:** 1421

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brn clayey sand dmp

Aliquot #2 *Latitude:* N *Longitude* W

Media description:

Aliquot #3: *Latitude:* N *Longitude* W

Media description:

Aliquot #4: *Latitude:* N *Longitude* W

Media description:

Aliquot #5: *Latitude:* N *Longitude* W

Media description:

ADDRESS: _____ PROPERTY ID: FM0161

DATE: 02/14/2013 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

53°F Fair, winds W@ 1 MPH, 52% humidity

PROPERTY COMMENTS:

Grid for property sketch

**STATION ID:** FM0161 CC **SAMPLE ID:** FM0161 CC-CS

**SAMPLE COLLECTION TIME:** 1356

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brn silty sandy clay dmp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same soil

**STATION ID:** FM0161 DD **SAMPLE ID:** FM0161 DD-CS

**SAMPLE COLLECTION TIME:** 1404

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: DK brn silty clay dmp w/consumer debris

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same soil as #1

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same soil as #1

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Reddish orange silty clay dmp w/consumer debris

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same soil as #1

**ADDRESS:** _____ **PROPERTY ID:** FM014

**DATE:** 02/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

53° F Fair winds 1MPH West 52% humidity

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** PM0161 EE **SAMPLE ID:** PM0161 EE-CS

**SAMPLE COLLECTION TIME:** 1410

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brn orange silty sandy clay dmp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same soil

**STATION ID:** PM0161 FF **SAMPLE ID:** PM0161 FF-CS

**SAMPLE COLLECTION TIME:** 1418

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brn silty clay dmp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Brn silt w/ orange clay dmp

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Brn silt clay dmp

**ADDRESS:** _____ **PROPERTY ID:** Fm0161

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

52°F, Sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161 GG **SAMPLE ID:** FM0161 GG-GS

**SAMPLE COLLECTION TIME:** 1437

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Dk brun silty clay damp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

**STATION ID:** FM0161AP **SAMPLE ID:** FM0161AP-GS

**SAMPLE COLLECTION TIME:** 1433

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Dk brun silty sandy clay

Aliquot #2 *Latitude:* N *Longitude* W

Media description:

Aliquot #3: *Latitude:* N *Longitude* W

Media description:

Aliquot #4: *Latitude:* N *Longitude* W

Media description:

Aliquot #5: *Latitude:* N *Longitude* W

Media description:

BB

**ADDRESS:** _____ **PROPERTY ID:** FM0161

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

52°F, Sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161 HH **SAMPLE ID:** FM0161 HH-CS

**SAMPLE COLLECTION TIME:** 1439

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** (Composite) or Grab **MS/MSD?** Y or (N)

**Field Duplicate or Split:** *Yes or* (No) *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? (Y) or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: med brun sandy silt

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

**STATION ID:** FM0161 II **SAMPLE ID:** FM0161 II-CS

**SAMPLE COLLECTION TIME:** 1445

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** (Composite) or Grab **MS/MSD?** Y or (N)

**Field Duplicate or Split:** *Yes or* (No) *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? (Y) or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brun silty soil w/ clay + gravel

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

**ADDRESS:** _____ **PROPERTY ID:** FMOKO1

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

52°F, Sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161AQ **SAMPLE ID:** FM0161AQ-GS

**SAMPLE COLLECTION TIME:** 1435

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brun silty soil -

Aliquot #2 *Latitude:* N *Longitude* W

Media description:

Aliquot #3: *Latitude:* N *Longitude* W

Media description:

Aliquot #4: *Latitude:* N *Longitude* W

Media description:

Aliquot #5: *Latitude:* N *Longitude* W

Media description:

**STATION ID:** FM0161AR **SAMPLE ID:** FM0161AR-GS

**SAMPLE COLLECTION TIME:** 1447

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Dk brun silty clay m-7 wet w/gravel

Aliquot #2 *Latitude:* N *Longitude* W

Media description:

Aliquot #3: *Latitude:* N *Longitude* W

Media description:

Aliquot #4: *Latitude:* N *Longitude* W

Media description:

Aliquot #5: *Latitude:* N *Longitude* W

Media description:

**ADDRESS:** _____ **PROPERTY ID:** FM0161

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

52°F, Sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161JJ **SAMPLE ID:** FM0161JJ-CS

**SAMPLE COLLECTION TIME:** 1448

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Dk brwn clay sand

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

**STATION ID:** FM0161KK **SAMPLE ID:** FM0161KK-CS

**SAMPLE COLLECTION TIME:** 1450

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: brwn silty clay

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

**ADDRESS:** _____ **PROPERTY ID:** FM0161E

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

52°F, Sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161LL **SAMPLE ID:** FM0161LL-CS

**SAMPLE COLLECTION TIME:** 1452

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Med brun sandy silt

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

**STATION ID:** FM0161MM **SAMPLE ID:** FM0161MM-CS

**SAMPLE COLLECTION TIME:** 1515

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brun silty sandy clay

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: orange silty sandy clay

ADDRESS: _____ PROPERTY ID: FM0161

DATE: 2/14/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

52°F, Sunny

PROPERTY COMMENTS:

* SVOC sample taken @ Station FM0161 00 in addition

Grid for property sketch

**STATION ID:** FM0161NN **SAMPLE ID:** FM0161NN-CS

**SAMPLE COLLECTION TIME:** 1521

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Dk brun silty sand clay w/ broken glass

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

* **STATION ID:** FMØ16100 **SAMPLE ID:** FMØ16100-CS

**SAMPLE COLLECTION TIME:** 1540

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brun silty sandy clay

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

**ADDRESS:** _____ **PROPERTY ID:** FM0161

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

52°F, Sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161PP **SAMPLE ID:** FM0161PP-CS

**SAMPLE COLLECTION TIME:** 1545

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: med brun sandy silt

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

**STATION ID:** FM0161QQ **SAMPLE ID:** FM0161QQ-CS

**SAMPLE COLLECTION TIME:** 1547

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:** FM0161QQ @ 1549

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Dk brun silty clay damp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

**ADDRESS:** _____ **PROPERTY ID:** FM0161

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

52°F, Sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161AS **SAMPLE ID:** FM0161AS-GS

**SAMPLE COLLECTION TIME:** 1523 (1523)

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: med brwn sandy clay

Aliquot #2 *Latitude:* N *Longitude* W

Media description:

Aliquot #3: *Latitude:* N *Longitude* W

Media description:

Aliquot #4: *Latitude:* N *Longitude* W

Media description:

Aliquot #5: *Latitude:* N *Longitude* W

Media description:

BB

**STATION ID:** FM0161 AT **SAMPLE ID:** FM0161AT-GS

**SAMPLE COLLECTION TIME:** 1533

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: light brwn sandy clay silt

Aliquot #2 *Latitude:* N *Longitude* W

Media description:

Aliquot #3: *Latitude:* N *Longitude* W

Media description:

Aliquot #4: *Latitude:* N *Longitude* W

Media description:

Aliquot #5: *Latitude:* N *Longitude* W

Media description:

BB

**ADDRESS:** _____ **PROPERTY ID:** FM0161

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

52°F, Sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161RR **SAMPLE ID:** FM0161RR-CS

**SAMPLE COLLECTION TIME:** 1552

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: med brun sandy silty

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

**STATION ID:** FM0161SS **SAMPLE ID:** FM0161SS-CS

**SAMPLE COLLECTION TIME:** 1558

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brun silty sandy clay

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

**ADDRESS:** _____ **PROPERTY ID:** FM0161

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**
52°F, Sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161TT **SAMPLE ID:** FM0161TT-CS

**SAMPLE COLLECTION TIME:** 1600

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Dk brun silty clay damp w/some gravel

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

**STATION ID:** FM0161UU **SAMPLE ID:** FM0161UU-CS

**SAMPLE COLLECTION TIME:** 1605

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* *If yes, indicate* **Duplicate/split sample station ID:** FM0161UU@1607

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: med brun sandy silt

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

**ADDRESS:** _____ **PROPERTY ID:** FM0161

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**

52°F, Sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161VV **SAMPLE ID:** FM0161VV-CS

**SAMPLE COLLECTION TIME:** 1609

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brun clay sand

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

**STATION ID:** FM0161WW **SAMPLE ID:** FM0161WW-CS

**SAMPLE COLLECTION TIME:** 1615

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No* *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: med brun clay silt

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same as previous

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same as previous

**ADDRESS:** _____ **PROPERTY ID:** FM0161

**DATE:** 2/14/13 **ARRIVAL TIME:** —

**Other pertinent information (weather conditions, etc.):**
S29°F, Sunny

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** FM0161XX **SAMPLE ID:** FM0161XX-CS

**SAMPLE COLLECTION TIME:** 1618

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

BB2/14/12 **Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:** BB2/14/12

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: _____ Logged? Y or N

Aliquot #1: *Latitude:* _____ N *Longitude* _____ W

Media description: DK brwn silty clay damp

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W

Media description: same as previous

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W

Media description: DK brwn silty clay damp w/ coal

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W

Media description: DK brwn silty clay damp

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W

Media description: same as previous

**STATION ID:** FM0161YY **SAMPLE ID:** FM0161YY-CS

**SAMPLE COLLECTION TIME:** 1621

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:** _____

**GPS Coordinates**: Trimble [ ✓ ] Instrument #: _____ Logged? Y or N

Aliquot #1: *Latitude:* _____ N *Longitude* _____ W

Media description: med brwn sandy silt

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W

Media description: same as previous

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W

Media description: same as previous

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W

Media description: same as previous

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FM 0161

DATE: 2/14/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):
52°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch

**STATION ID:** FM0161AU **SAMPLE ID:** FM0161AU-GS

**SAMPLE COLLECTION TIME:** 1622

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brun clay sand

Aliquot #2 *Latitude:* N *Longitude* W

Media description:

Aliquot #3: *Latitude:* N *Longitude* W

Media description: BB

Aliquot #4: *Latitude:* N *Longitude* W

Media description:

Aliquot #5: *Latitude:* N *Longitude* W

Media description:

**STATION ID:** FM0161ZZ **SAMPLE ID:** FM0161ZZ-CS

**SAMPLE COLLECTION TIME:** 1631

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or No If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [✓] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brun silty clay

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same as previous

Aliquot #3: *Latitude:* N *Longitude* W

Media description: light brun silty clay

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Brun silty clay

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same as previous

ADDRESS: _____ PROPERTY ID: FM0161 (con.)

DATE: 02/15/2013 ARRIVAL TIME: 0820

Other pertinent information (weather conditions, etc.):

43°F Sunny winds W@ 1MPH 82% humidity

PROPERTY COMMENTS:

Grid for property sketch

STATION ID: FM0161 AAA SAMPLE ID: FM0161AAA-CS

SAMPLE COLLECTION TIME: 0832

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** (Composite) or Grab **MS/MSD?** Y or (N)

**Field Duplicate or Split:** *Yes or* (No) *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? (Y) or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brn silty clay dmp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Brn silty clay dmp

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Md Brn silty cly w/orange clay dmp

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Brn silty clay dmp

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Brn silty clay dmp

STATION ID: FM0161 BBB SAMPLE ID: FM0161BBB-CS

SAMPLE COLLECTION TIME: 0839

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** (Composite) or Grab **MS/MSD?** Y or (N)

**Field Duplicate or Split:** *Yes or* (No) *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates**: Trimble [X] Instrument #: Logged? (Y) or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: DK brn silty cly dmp w/ gravel

Aliquot #2 *Latitude:* N *Longitude* W

Media description: DK brn silty clay dmp w/ gravel

Aliquot #3: *Latitude:* N *Longitude* W

Media description: DK brn silty clay wet w/ gravel

Aliquot #4: *Latitude:* N *Longitude* W

Media description: DK brn silty clay dmp w/ gravel & coal fragments

Aliquot #5: *Latitude:* N *Longitude* W

Media description: DK brn silty clay dmp w/ gravel & coal fragment

ADDRESS: _____ PROPERTY ID: FM0161

DATE: 02/15/13 ARRIVAL TIME: ——

Other pertinent information (weather conditions, etc.):

45°F Sunny winds W@1MPH 82% humidity

PROPERTY COMMENTS:

Grid for property sketch

STATION ID: FM0161 CCC-~~CS~~ KMT 2/15/13 SAMPLE ID: FM0161CCC-CS

SAMPLE COLLECTION TIME: 0847

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates:** Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Md Bun clayey Sndy Slt ~~clay~~ KMT 2/15/13 dmp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same soil

STATION ID: FM0161 DDD- SAMPLE ID: FM0161DDD-CS

SAMPLE COLLECTION TIME: 0853

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates:** Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Bun Slty clay dmp

Aliquot #2 *Latitude:* N *Longitude* W

Media description:

Aliquot #3: *Latitude:* N *Longitude* W

Media description:

Aliquot #4: *Latitude:* N *Longitude* W

Media description:

Aliquot #5: *Latitude:* N *Longitude* W

Media description:

ADDRESS: _____ PROPERTY ID: FM0161 (Con.)

DATE: 02/15/13 ARRIVAL TIME: ——

Other pertinent information (weather conditions, etc.):

47°F Sunny winds WSW 1 MPH 80% humidity

PROPERTY COMMENTS:

Grid for property sketch

**STATION ID:** FM0161 EEE **SAMPLE ID:** FM0161 EEE-CS

**SAMPLE COLLECTION TIME:** 0854

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates:** Trimble [X] Instrument #: Logged? Y or ~~N~~ KMT EE 2/75/13

Aliquot #1: *Latitude:* N *Longitude* W

Media description: dk brn slty sndy clay dmp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Same soil

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Same soil

**STATION ID:** FM0161 FFF **SAMPLE ID:** FM0161 FFF-CS

**SAMPLE COLLECTION TIME:** 0912

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** *Yes or* No *If yes, indicate* **Duplicate/split sample station ID:**

**GPS Coordinates:** Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Brn slty clay dmp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: Brn slty clay dmp

Aliquot #3: *Latitude:* N *Longitude* W

Media description: Brn slty clay dmp

Aliquot #4: *Latitude:* N *Longitude* W

Media description: Brn slty clay dmp

Aliquot #5: *Latitude:* N *Longitude* W

Media description: Brn slty clay dmp w lt brn clay dmp

ADDRESS: _____ PROPERTY ID: PM0161 (C07)

DATE: 02/15/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):
49°F Sunny calm winds, 69% humidity

PROPERTY COMMENTS:

Grid for property sketch

**STATION ID:** PM0161 GGG **SAMPLE ID:** PM0161 GGG-CS

**SAMPLE COLLECTION TIME:** 0914

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** Yes or No *If yes, indicate* **Duplicate/split sample station ID:** PM0161 GGG-CSD @ 0917

**GPS Coordinates:** Trimble [X] Instrument #: _____ Logged? Y or N

Aliquot #1: *Latitude:* _____ N *Longitude* _____ W

Media description: Dk brn silty clay dmp w/ some gravel

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W

Media description: Same soil

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W

Media description: Same soil

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W

Media description: Same soil

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W

Media description: Same soil

**STATION ID:** PM0161 HHH **SAMPLE ID:** PM0161 HHH-CS

**SAMPLE COLLECTION TIME:** 0924

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** Composite or Grab **MS/MSD?** Y or N

**Field Duplicate or Split:** Yes or No *If yes, indicate* **Duplicate/split sample station ID:** _____

**GPS Coordinates:** Trimble [X] Instrument #: _____ Logged? Y or N

Aliquot #1: *Latitude:* _____ N *Longitude* _____ W

Media description: Brn silty clay dmp w/ debris

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W

Media description: Same soil

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W

Media description: Same soil

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W

Media description: Same soil

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W

Media description: Same soil

**ADDRESS:** _____ **PROPERTY ID:** FM D16K(cont)

**DATE:** 02/15/13 **ARRIVAL TIME:** _____

**Other pertinent information (weather conditions, etc.):**

51°F sunny WNW winds @ 1 MPH 66% humidity

**PROPERTY COMMENTS:**

Grid for property sketch

**STATION ID:** PM0161 III **SAMPLE ID:** PM0161 III-CS

**SAMPLE COLLECTION TIME:** 0929

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** (Composite) or Grab **MS/MSD?** Y or (N)

**Field Duplicate or Split:** *Yes or* (No) ***If yes, indicate*** **Duplicate/split sample station ID:**

**GPS Coordinates:** Trimble [X] Instrument #: Logged? (Y) or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: DK brn slty cly drp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same soil

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same soil

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same soil

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same soil

**STATION ID:** PM0161 JJJ **SAMPLE ID:** PM0161JJJ-CS

**SAMPLE COLLECTION TIME:** 0933

**Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):**

**Collection:** (Composite) or Grab **MS/MSD?** Y or (N)

**Field Duplicate or Split:** *Yes or* (No) ***If yes, indicate*** **Duplicate/split sample station ID:**

**GPS Coordinates:** Trimble [X] Instrument #: Logged? (Y) or N

Aliquot #1: *Latitude:* N *Longitude* W

Media description: Mt brn slty clay drp

Aliquot #2 *Latitude:* N *Longitude* W

Media description: same soil

Aliquot #3: *Latitude:* N *Longitude* W

Media description: same soil

Aliquot #4: *Latitude:* N *Longitude* W

Media description: same soil

Aliquot #5: *Latitude:* N *Longitude* W

Media description: same soil