LBØØ117

United States Environmental Protection Agency
Region 4

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

FIELD SAMPLING LOGBOOK

Book 1 **of** 1

Inclusive Dates: 04/07/15 – 04/08/2015 & 04/22/15

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
Russell Henderson	RH	OTIE, Team Leader
Ryan Stubbs	RS	OTIE / Sampler
Nairimer Berrios-Cartagena	NBC	OTIE / sampler/ sample coordinator

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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.

Each 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 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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[illegible] 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.

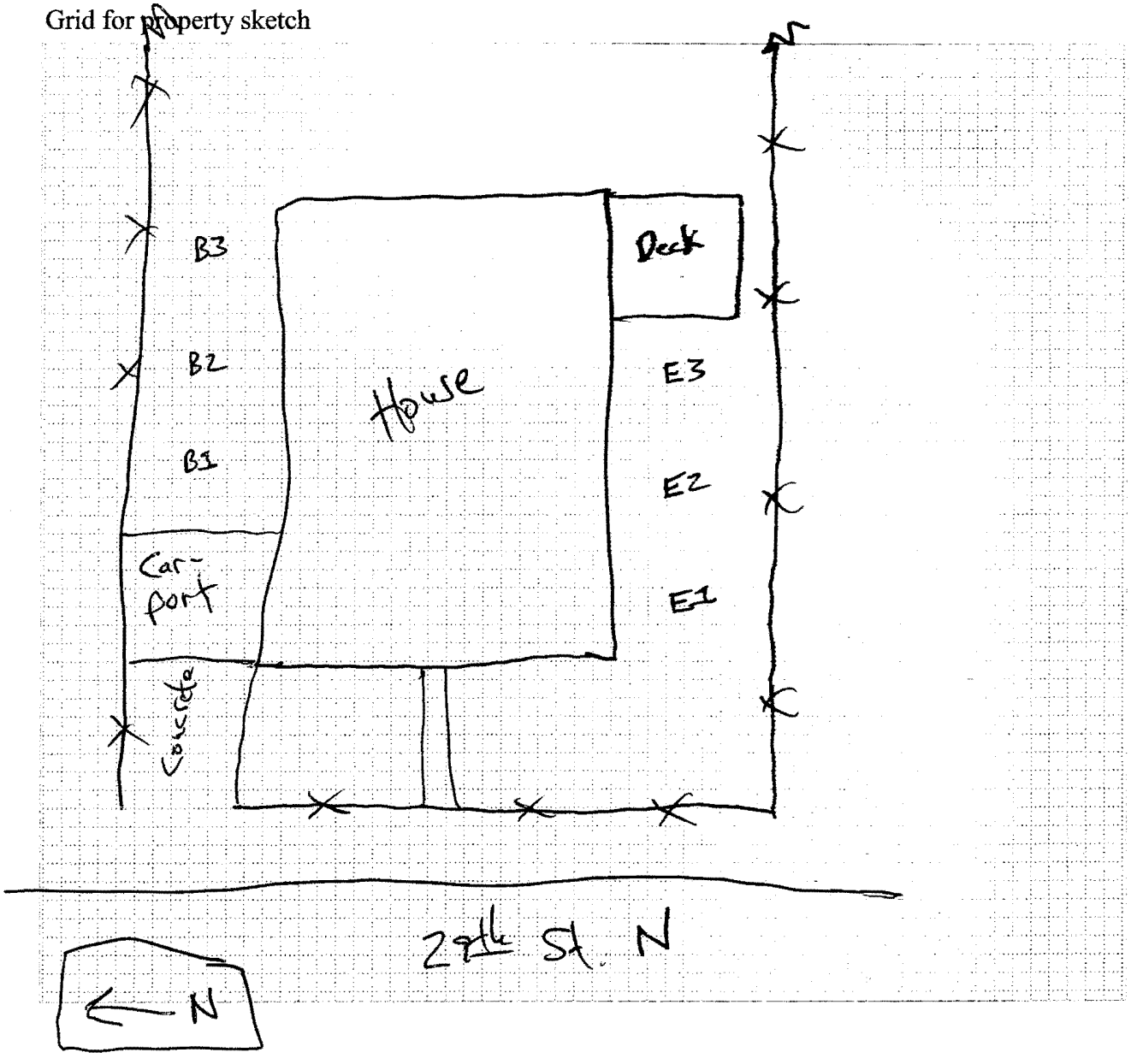
The ***sample ID*** for each sample is the station ID with "CS" (composite soil), "GS" (grab soil), "SD" (sediment), or "SW" (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a "D" to the end of the sample ID.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

ADDRESS: 4005 29th St. N **PROPERTY ID:** FM0047
DATE: 4/7/15 **ARRIVAL TIME:** 0855

Other pertinent information (weather conditions, etc.):
~68°F + cloudy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0047B **SAMPLE ID:** FM0047B-CS6

SAMPLE COLLECTION TIME: 0910

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

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

Field Duplicate or Split: *Yes or No* *If yes, indicate* **Duplicate/split sample station ID:** FM0047B-CSD6 @ 0915

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

Aliquot #1: *Latitude:* 33.56331623920 N *Longitude* -86.81129348010 W
Media description: Dk clayey silt w/ organics moist

Aliquot #2 *Latitude:* 33.56331380280 N *Longitude* -86.81125658620 W
Media description: Med brn clayey silt moist

Aliquot #3: *Latitude:* 33.56331426250 N *Longitude* -86.81122099620 W
Media description: Same as #1

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

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

STATION ID: FM0047B **SAMPLE ID:** FM0047B-GS12

SAMPLE COLLECTION TIME: 0920

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

Collection: ~~Composite~~ as 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: Refusal at 6".

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W
Media description: Refusal at 6".

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W
Media description: Med brn clayey silt w/ coal moist

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

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

* coordinates same as FM0047B-CS6"

ADDRESS: 4805 29th St. N **PROPERTY ID:** FM0047

DATE: 4/7/15 **ARRIVAL TIME:** 0855

Other pertinent information (weather conditions, etc.):
~ 68°F + cloudy

PROPERTY COMMENTS:

Grid for property sketch

See page 6.

STATION ID: FM0047B SAMPLE ID: FM0047-GS18

SAMPLE COLLECTION TIME: 0925

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

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: Refusal at 6".

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

Media description: Refusal at 6".

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

Media description: Med brn clayey silt w/ gravel and coal moist

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

~~Media description: _____~~

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

~~Media description: _____~~

* coordinates same as FM0047B-CS6"

STATION ID: FM0047B SAMPLE ID: FM0047B-GS24

SAMPLE COLLECTION TIME: 0930

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

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: Refusal at 6".

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

Media description: Refusal at 6".

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

Media description: Tan clay moist

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

~~Media description: _____~~

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

~~Media description: _____~~

*Coordinates same as FM0047B-CS6"

ADDRESS: 4085 29th St. N **PROPERTY ID:** FM0047

DATE: 4/7/15 **ARRIVAL TIME:** 0855

Other pertinent information (weather conditions, etc.):
~68°F + cloudy

PROPERTY COMMENTS:

Grid for property sketch

See page 6.

STATION ID: FM0047E SAMPLE ID: FM0047E-CS6

SAMPLE COLLECTION TIME: 0945

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

Collection: ~~Composite~~ or ~~Grab~~ RS 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: 33.56318411810 N Longitude -86.81134297810 W

Media description: Med brn with tan silty clay moist.

Aliquot #2 Latitude: 33.56318953190 N Longitude -86.81130156760 W

Media description: Same as #1.

Aliquot #3: Latitude: 33.56318698450 N Longitude -86.81125782860 W

Media description: Dk brn clayey silt w/ gravel moist.

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

~~Media description:~~

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

~~Media description:~~

STATION ID: FM0047E SAMPLE ID: FM0047E-CS12

SAMPLE COLLECTION TIME: 0950

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

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: Same as 6" with coal moist. Refusal at 12".

Aliquot #2 Latitude: N Longitude W

Media description: Orange + tan clay moist.

Aliquot #3: Latitude: N Longitude W

Media description: Refusal at 6".

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

~~Media description:~~

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

~~Media description:~~

ADDRESS: 4005 29th St. N **PROPERTY ID:** FM0047

DATE: 4/7/15 **ARRIVAL TIME:** 0855

Other pertinent information (weather conditions, etc.):
~68°F + cloudy

PROPERTY COMMENTS:

Grid for property sketch

See page 6.

ATION ID: FM0047E SAMPLE ID: FM0047E-GS18

MPLE COLLECTION TIME: 0955

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

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

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

S Coordinates: Trimble [ ] Instrument #: Logged? Y or (N)

quot #1: *Latitude:* N *Longitude* W
Media description: Refusal at 12".

quot #2 *Latitude:* N *Longitude* W
Media description: Same as 12". Orange/tan clay moist

quot #3: *Latitude:* N *Longitude* W
Media description: Refusal at 6".

~~uot #4: *Latitude:* N *Longitude* W~~
~~Media description:~~

~~uot #5: *Latitude:* N *Longitude* W~~
~~Media description:~~

TION ID: FM0047E SAMPLE ID: FM0047E-GS24

PLE COLLECTION TIME: 1000

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

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

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

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

t #1: *Latitude:* N *Longitude* W
Media description: Refusal at 12".

t #2 *Latitude:* N *Longitude* W
Media description: Tan clay wet.

#3: *Latitude:* N *Longitude* W
Media description: Refusal at 6".

~~#4: *Latitude:* N *Longitude* W~~
~~Media description:~~

~~#5: *Latitude:* N *Longitude* W~~
~~Media description:~~

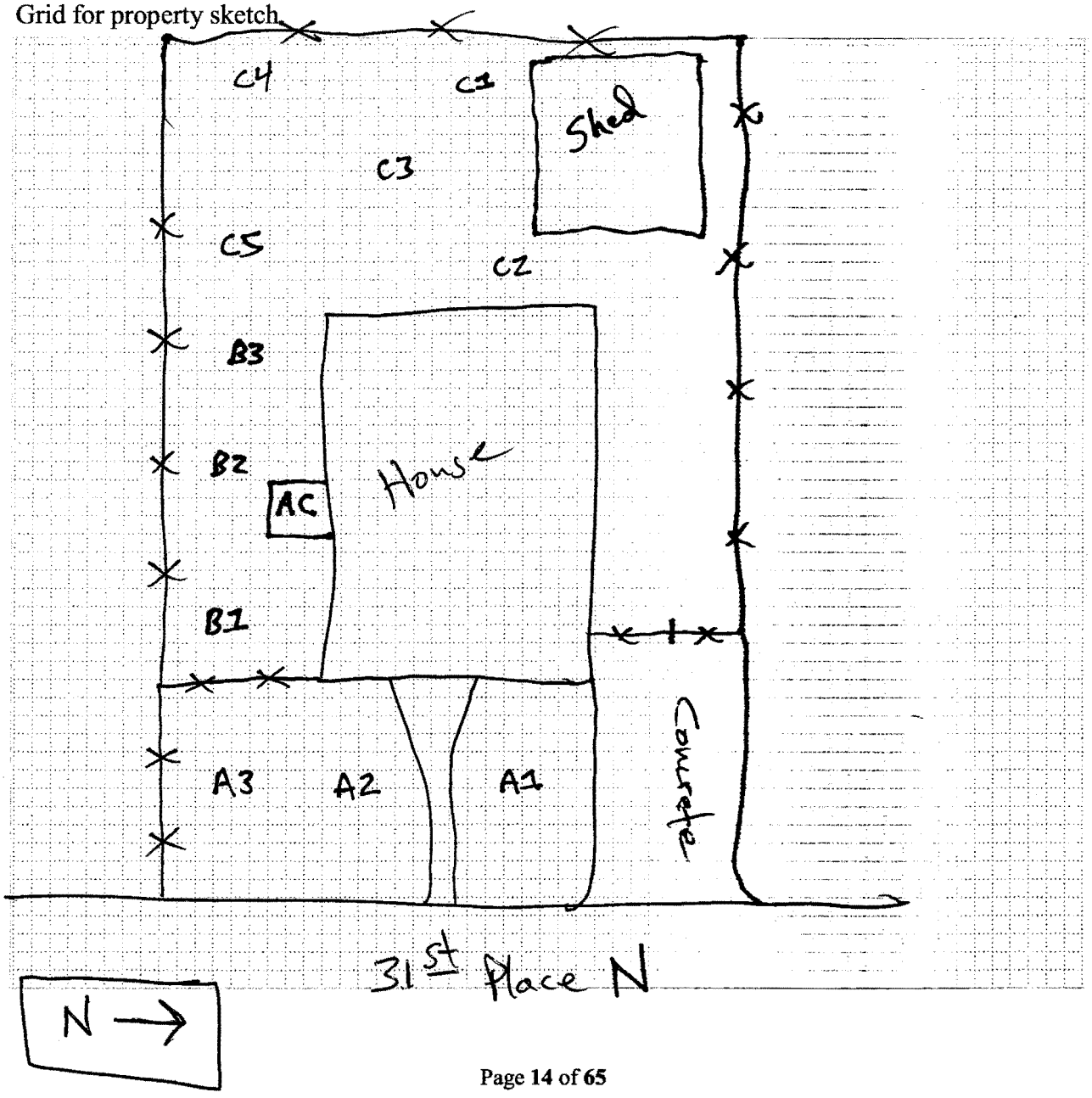
ADDRESS: 3414 31st Place N. **PROPERTY ID:** CV0104

DATE: 4/7/15 **ARRIVAL TIME:** 1205

Other pertinent information (weather conditions, etc.):
81°F + partly cloudy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0104A SAMPLE ID: CV0104A-CS6

SAMPLE COLLECTION TIME: 1240

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

Front yard

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

Field Duplicate or Split: (Yes) or No If yes, indicate Duplicate/split sample station ID: CV0104A-CSD6 @ 1245

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

Aliquot #1: Latitude: 33.55876265150 N Longitude -86.80501552830 W

Media description: Med brn silt moist.

Aliquot #2 Latitude: 33.55880489840 N Longitude -86.80502870460 W

Media description: Same as #1.

Aliquot #3: Latitude: 33.55885228280 N Longitude -86.80501382620 W

Media description: Same as #1 changing to red brn silty clay.

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

Media description: _____

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

Media description: _____

STATION ID: CV0104A SAMPLE ID: CV0104A-CS12

SAMPLE COLLECTION TIME: 1250

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

Front yard

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 brn silt to red brn silty clay moist coal pieces

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same as #1.

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same as #1.

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

Media description: _____

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

~~Media description:~~ _____

* Coordinates same as CV0104A-CS6"

ADDRESS: 3414 31st Place N, PROPERTY ID: CV0104

DATE: 4/7/15 ARRIVAL TIME: 1205

Other pertinent information (weather conditions, etc.):
~81°F + partly cloudy

PROPERTY COMMENTS:

Grid for property sketch

See page 14.

STATION ID: CV0104A SAMPLE ID: CV0104A-CS18

SAMPLE COLLECTION TIME: 1255

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

Front yard

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: Red brn silty clay moist

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

Media description: Same as #1.

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

Media description: Same as #1

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

Media description:

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

Media description:

* coordinates same as CV0104A-CS6

STATION ID: CV0104A SAMPLE ID: CV0104A-CS24

SAMPLE COLLECTION TIME: 1300

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

Front yard

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: Same as #3.

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

Media description: Same as #3.

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

Media description: Red brn clay moist.

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

Media description:

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

Media description:

* coordinates same as CV0104A-CS6

ADDRESS: 3414 31st Pl N. PROPERTY ID: CV0104B

DATE: 4/7/15 ARRIVAL TIME: 1205

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

See page 14.

STATION ID: CV0104B SAMPLE ID: CV0104B-CS6

SAMPLE COLLECTION TIME: 1315

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

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:* 33.55875645440 N *Longitude* -86.80510279230 W
Media description: Dk brn sandy silt moist.

Aliquot #2 *Latitude:* 33.55875837510 N *Longitude* -86.80516038730 W
Media description: Same as #1

Aliquot #3: *Latitude:* 33.55876171340 N *Longitude* -86.80522251490 W
Media description: Same as #1

~~Aliquot #4: *Latitude:* N *Longitude* W~~
~~Media description:~~

~~Aliquot #5: *Latitude:* N *Longitude* W~~
~~Media description:~~

STATION ID: CV0104B SAMPLE ID: CV0104B-CS12

SAMPLE COLLECTION TIME: 1320

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

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 brn clayey silt moist

Aliquot #2 *Latitude:* N *Longitude* W
Media description: Same as #1.

Aliquot #3: *Latitude:* N *Longitude* W
Media description: Same as #1.

~~Aliquot #4: *Latitude:* N *Longitude* W~~
~~Media description:~~

~~Aliquot #5: *Latitude:* N *Longitude* W~~
~~Media description:~~

* Coordinates same as CV0104B-CS6"

ADDRESS: 3414 31st Pl N PROPERTY ID: CV0104

DATE: 4/7/15 ARRIVAL TIME: 1205

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

See page 14.

STATION ID: CV0104B **SAMPLE ID:** CV0104B-CS18

SAMPLE COLLECTION TIME: 1325

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

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 brown sandy clay ; red clay

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

Media description: same as #1

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

Media description: dark brown sandy clay w/ brown clay Refusal @ 16"

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

Media description:

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

Media description:

* coordinates same as CV0104B-CS6"

STATION ID: CV 0104B **SAMPLE ID:** CV0104B-CS24

SAMPLE COLLECTION TIME: 1330

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

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: red clay

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

Media description: red clay

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

Media description: Refusal @ 16"

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

Media description:

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

Media description:

* coordinates same as CV0104B-CS6"

ADDRESS: 3414 31st Pl N PROPERTY ID: CV0164

DATE: 4/7/15 ARRIVAL TIME: 1205

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

See page 14.

STATION ID: CV0104C **SAMPLE ID:** CV0104C-CS6

SAMPLE COLLECTION TIME: 1400

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

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:* 33.55871655808 0 N *Longitude* -86.80527872110 W
Media description: Med. clayey silt to orange clay moist

Aliquot #2 *Latitude:* 33.55884737980 N *Longitude* -86.80527046720 W
Media description: Same as #1.

Aliquot #3: *Latitude:* 33.55880718020 N *Longitude* -86.80531013650 W
Media description: Dk brn to blk silt w/ coal pieces

Aliquot #4: *Latitude:* 33.55871647963 0 N *Longitude* -86.80535436650 W
Media description: Same as #3.

Aliquot #5: *Latitude:* 33.55882604420 N *Longitude* -86.80533754970 W
Media description: Dk brn sandy silt moist

STATION ID: CV0104C **SAMPLE ID:** CV0104C-CS12

SAMPLE COLLECTION TIME: 1405

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

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: Red brn sandy clay moist

Aliquot #2 *Latitude:* N *Longitude* W
Media description: Same as #1.

Aliquot #3: *Latitude:* N *Longitude* W
Media description: Dk brn sandy silt moist.

Aliquot #4: *Latitude:* N *Longitude* W
Media description: Same as #1.

Aliquot #5: *Latitude:* N *Longitude* W
Media description: Dk brn to red brn clayey silt moist.

* Coordinates same as CV0104C-CS6

ADDRESS: 3414 31st Pl N **PROPERTY ID:** CV0104

DATE: 4/7/15 **ARRIVAL TIME:** 1205

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

See page 14.

STATION ID: CV0104C SAMPLE ID: CV0104C-CS18

SAMPLE COLLECTION TIME: 1410

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

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: Orange clay moist.

Aliquot #2 *Latitude:* N *Longitude* W
Media description: Tan/orange clay moist.

Aliquot #3: *Latitude:* N *Longitude* W
Media description: Same as #1.

Aliquot #4: *Latitude:* N *Longitude* W
Media description: Tan clay moist.

Aliquot #5: *Latitude:* N *Longitude* W
Media description: Red brn sandy clay moist.

* coordinates same as CV0104C-CS6"

STATION ID: CV0104C SAMPLE ID: CV0104C-CS24

SAMPLE COLLECTION TIME: 1415

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

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: Orange clay moist.

Aliquot #2 *Latitude:* N *Longitude* W
Media description: Same as #1. More tan than orange.

Aliquot #3: *Latitude:* N *Longitude* W
Media description: Same as #1.

Aliquot #4: *Latitude:* N *Longitude* W
Media description: Tan clay moist.

Aliquot #5: *Latitude:* N *Longitude* W
Media description: Same as #4.

* coordinates same as CV0104C-CS6"

ADDRESS: 3338 31st Way N PROPERTY ID: CV0162

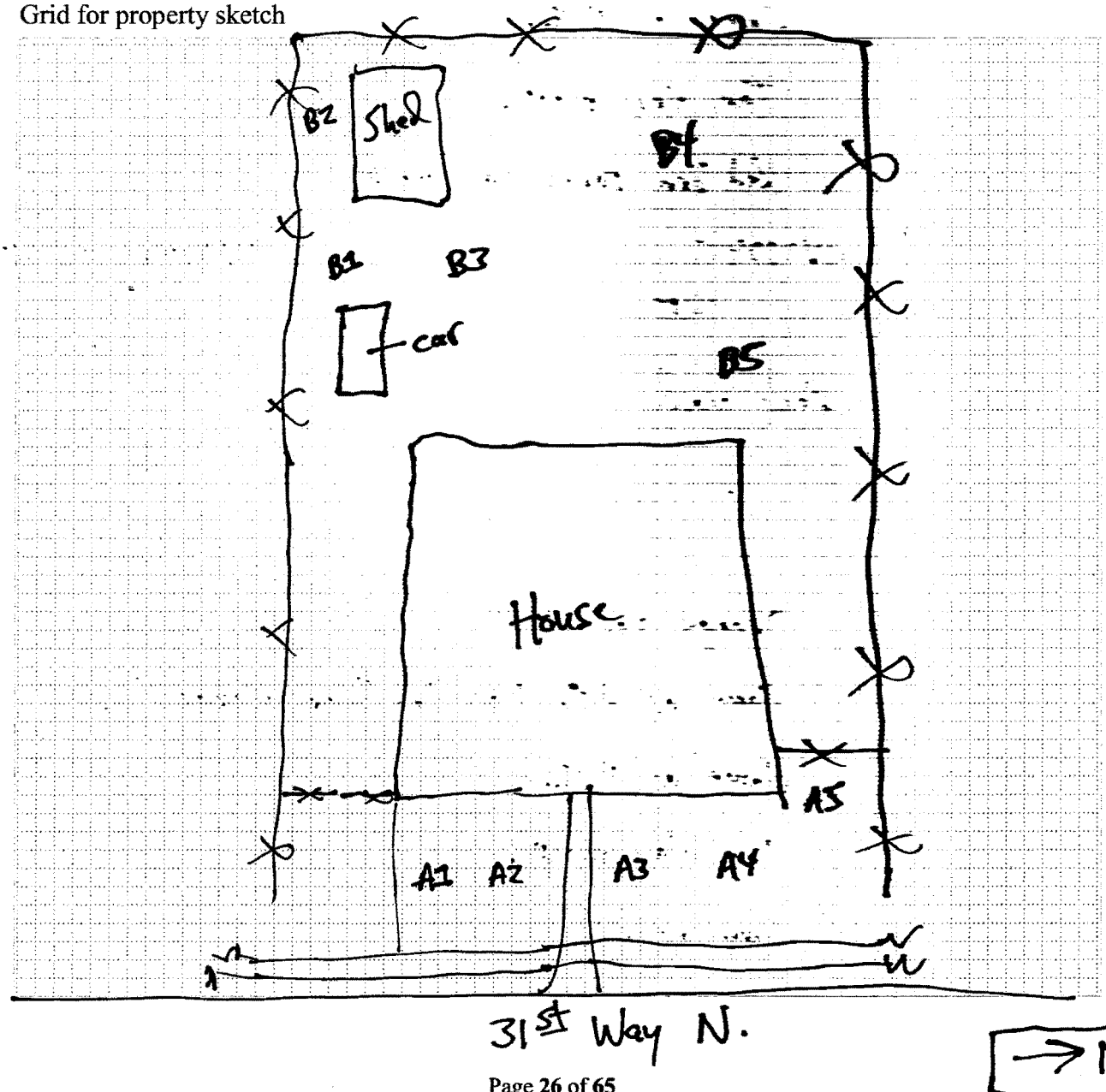
DATE: 4/8/15 ARRIVAL TIME: 0755

Other pertinent information (weather conditions, etc.):

~ 65°F clear + sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0162B **SAMPLE ID:** CV0162B-CS0-4

SAMPLE COLLECTION TIME: 0800

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
Back yard CV0162B-CS0-4

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:* 33.55721262150 N *Longitude* -86.80434833260 W
Media description: Dk brn sandy silt moist

Aliquot #2 *Latitude:* 33.55728724230 N *Longitude* -86.80434292050 W
Media description: _____

Aliquot #3: *Latitude:* 33.55723424980 N *Longitude* -86.80441931920 W
Media description: _____

Aliquot #4: *Latitude:* 33.55718651180 N *Longitude* -86.80446705810 W
Media description: _____

Aliquot #5: *Latitude:* 33.55728788600 N *Longitude* -86.80445187600 W
Media description: _____

STATION ID: _____ **SAMPLE ID:** _____

SAMPLE COLLECTION TIME: _____

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: _____

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: 3338 31st Way N. PROPERTY ID: CV0162

DATE: 4/8/15 ARRIVAL TIME: 0755

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

See page 26.

STATION ID: CV0162A SAMPLE ID: CV0162A-CS6

SAMPLE COLLECTION TIME: 0830

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

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

Field Duplicate or Split: (Yes) or No *If yes, indicate* Duplicate/split sample station ID: CV0162A-CSD6 @ 0835

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

Aliquot #1: *Latitude:* 33.55722194510 N *Longitude* -86.80413732830 W
Media description: Dk brn silty sandy w/ gravel moist

Aliquot #2 *Latitude:* 33.55724038700 N *Longitude* -86.80413788530 W
Media description: Same as #1.

Aliquot #3: *Latitude:* 33.55726836850 N *Longitude* -86.80413794280 W
Media description: Dk brn silt moist.

Aliquot #4: *Latitude:* 33.55729829380 N *Longitude* -86.80414031030 W
Media description: Same as #3.

Aliquot #5: *Latitude:* 33.55731351290 N *Longitude* -86.80418868550 W
Media description: Same as #3 w/ metal pieces (nails, etc).

STATION ID: CV0162A SAMPLE ID: CV0162A-CS12

SAMPLE COLLECTION TIME: 0840

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

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: Refusal at 6".

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W
Media description: Med brn silty clay moist.

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W
Media description: Same as #2.

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W
Media description: Red brn silty clay moist.

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W
Media description: Same as #2 but wet.

* Coordinates same as CV0162A-CS6"

ADDRESS: 3338 31st Way N PROPERTY ID: CV0162

DATE: 4/8/15 ARRIVAL TIME: 0755

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

See page 26.

STATION ID: CV0162A SAMPLE ID: CV0162A-CS18

SAMPLE COLLECTION TIME: ~~0830~~ RS 0845

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

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: Refusal at 6".

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W
Media description: Med brn silty clay moist.

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W
Media description: Red brn sandy clay moist.

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W
Media description: Same as #3.

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W
Media description: Same as #3

*Coordinates same as CV0162A-CS6"

STATION ID: CV0162A SAMPLE ID: CV0162A-CS24

SAMPLE COLLECTION TIME: 0850

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

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: Refusal at 6".

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W
Media description: Orange/brn sandy clay moist.

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W
Media description: Same as #2.

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W
Media description: Same as #2.

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W
Media description: Resual at 20".

*Coordinates same as CV0162A-CS6"

ADDRESS: 3030 34th Ave N PROPERTY ID: CV0523

DATE: 4/8/15 ARRIVAL TIME: 0945

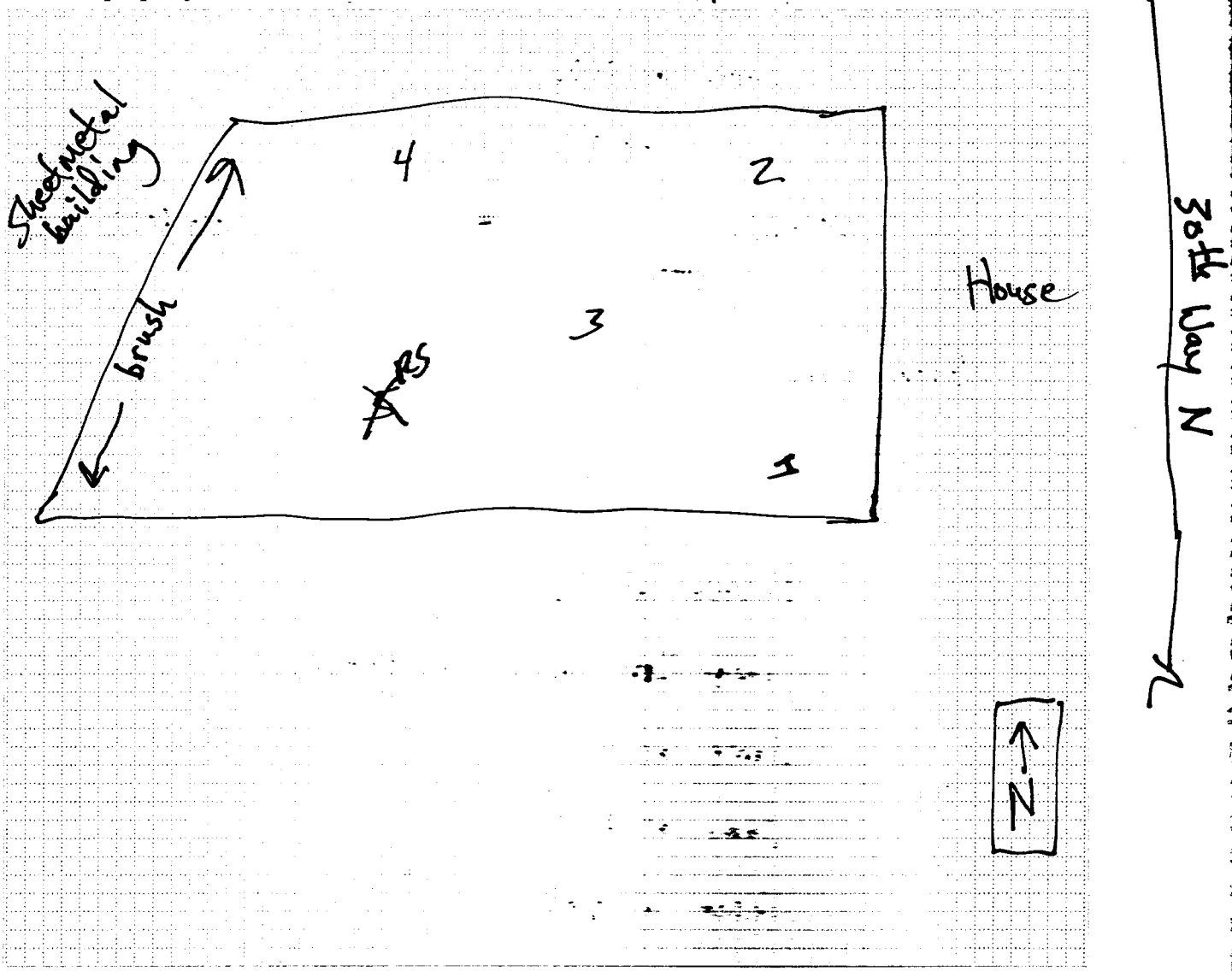
Other pertinent information (weather conditions, etc.):

~65°F + partly cloudy

PROPERTY COMMENTS:

Vacant lot

Grid for property sketch



STATION ID: CV0523A SAMPLE ID: CV0523A-CS6

SAMPLE COLLECTION TIME: 1020

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

Only sample in lot.

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:* 33.55868146870 N *Longitude* 86.80716796880 W

Media description: Dk brn sandy silt to red brn sandy clay moist

Aliquot #2 *Latitude:* 33.55877029600 N *Longitude* -86.80717889150 W

Media description: Same as #1.

Aliquot #3: *Latitude:* 33.55870983950 N *Longitude* -86.80722954830 W

Media description: Same as #1.

Aliquot #4: *Latitude:* 33.55875111610 N *Longitude* -86.80733946750 W

Media description: Dk brn sandy silt w/ slag & metal debris

Aliquot #5: *Latitude:* 33.55866822190 N *Longitude* -86.80734941420 W

Media description: No aliquot #5. Refusal on multiple attempts.

STATION ID: CV0523A SAMPLE ID: CV0523A-CS12

SAMPLE COLLECTION TIME: 1025

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: Orange clay moist

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

Media description: Red brn sandy clay w/ metal debris moist.

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

Media description: Red brn sandy clay moist. Changing to orange clay.

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

Media description: Refusal at 6" three attempts.

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

Media description: See above.

* coordinates same as CV0523A-CS6

ADDRESS: 3030 34th Ave N PROPERTY ID: CV0523

DATE: 4/8/15 ARRIVAL TIME: 0945

Other pertinent information (weather conditions, etc.):

~65°F + partly cloudy.

PROPERTY COMMENTS:

Vacant lot

Grid for property sketch

See page 32.

STATION ID: CV0523A SAMPLE ID: CV0523A-CS18

SAMPLE COLLECTION TIME: 1030

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: ~~Refusal at 19"~~ Tan & orange sandy clay moist.

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

Media description: Refusal at 19".

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

Media description: Orange clay moist.

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

Media description: Refusal at 6".

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

Media description:

*Coordinates same as CV0523A-CS6

STATION ID: CV0523A SAMPLE ID: CV0523A-CS24

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: Orange & tan sandy clay moist.

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

Media description: Refusal at 19".

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

Media description: Orange to red brn clay moist.

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

Media description: Refusal at 6".

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

Media description:

*Coordinates same as CV0523A-CS6

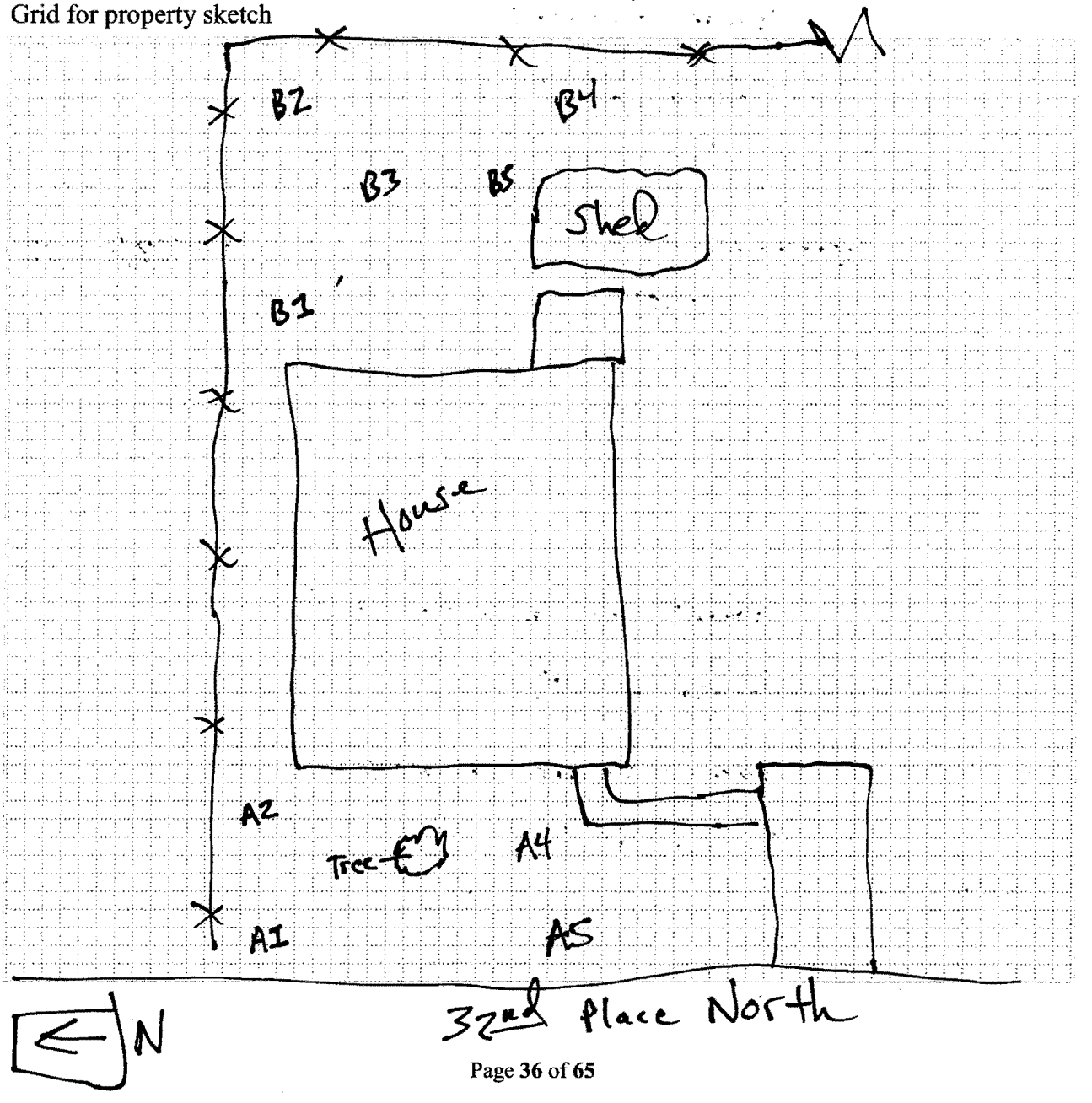
ADDRESS: 3325 32nd Pl N. PROPERTY ID: CU0227

DATE: 4/8/15 ARRIVAL TIME: 1400

Other pertinent information (weather conditions, etc.):
~83°F + partly cloudy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0227B **SAMPLE ID:** CV0227B-CS6

SAMPLE COLLECTION TIME: 1435

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

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

Field Duplicate or Split: (Yes) or No *If yes, indicate* **Duplicate/split sample station ID:** CV0227B-CSD6 @ 1440

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

Aliquot #1: *Latitude:* 33.55646595970 N *Longitude* -86.80129980700 W
Media description: Dk brn silt to red brn sandy silt w/ gravel.

Aliquot #2 *Latitude:* 33.55647037350 N *Longitude* -86.80122653410 W
Media description: Med brn sandy clay moist. Changing to red brn sandy clay moist

Aliquot #3: *Latitude:* 33.55642811790 N *Longitude* -86.80125154760 W
Media description: Same as #2.

Aliquot #4: *Latitude:* 33.55639604660 N *Longitude* -86.80119291680 W
Media description: Same as #2

Aliquot #5: *Latitude:* 33.55639667810 N *Longitude* -86.80127178890 W
Media description: Dk silt moist.

STATION ID: CV0227B **SAMPLE ID:** CV0227B-CS12

SAMPLE COLLECTION TIME: 1440

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

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 brn clayey sand to red brn clay moist. ~~Refusal at 12 ft.~~

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W
Media description: Dk brn silty sand w/ gravel + glass moist.

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W
Media description: Red brn sandy clay changing to Dk brn sandy silt moist.

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W
Media description: Dk brn sandy silt w/ pieces of coal + glass moist.

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W
Media description: Dk brn silt changing to tan/orange sandy clay moist.

+ coordinates same as CV0227B-CS6 "

ADDRESS: 3325 32nd Pl N. PROPERTY ID: CV0227

DATE: 4/8/15 ARRIVAL TIME: 1400

Other pertinent information (weather conditions, etc.):

~83°F

PROPERTY COMMENTS:

Grid for property sketch

See page 36.

STATION ID: CV0227B SAMPLE ID: CV0227B-CS18

SAMPLE COLLECTION TIME: 1445

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

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 brn sandy silt to orange tan sandy clay moist. Refusal at 20".

Aliquot #2 *Latitude:* N *Longitude* W
Media description: Dk brn sandy silt to red brn silty sand very moist.

Aliquot #3: *Latitude:* N *Longitude* W
Media description: Same as #2.

Aliquot #4: *Latitude:* N *Longitude* W
Media description: Refusal at 16". Dk brn sandy silt moist.

Aliquot #5: *Latitude:* N *Longitude* W
Media description: Dk brn silty sand moist. Refusal at 18".

* coordinates same as CV0227B-CS6"

STATION ID: CV0227B SAMPLE ID: CV0227B-CS24

SAMPLE COLLECTION TIME: 1450

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

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: Refusal at 20". Dk brn silty sand.

Aliquot #2 *Latitude:* N *Longitude* W
Media description: Red brn silty sand to gray clay.

Aliquot #3: *Latitude:* N *Longitude* W
Media description: Same as #2.

Aliquot #4: *Latitude:* N *Longitude* W
Media description: Refusal at 16".

Aliquot #5: *Latitude:* N *Longitude* W
Media description: Refusal at 18".

* coordinates same as CV0227B-CS6"

ADDRESS: 3325 32nd Pl N. PROPERTY ID: CV0227

DATE: 4/8/15 ARRIVAL TIME: 1400

Other pertinent information (weather conditions, etc.):

~ 83°F

PROPERTY COMMENTS:

Aliquot # A4 omitted due to owner applying gas to ant hill.

Grid for property sketch

See page 36.

STATION ID: CV0227A SAMPLE ID: CV0227A-CS6

SAMPLE COLLECTION TIME: 1510

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0227A-CSD6 @ 1515

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

Aliquot #1: Latitude: 33.55648571090 N Longitude -86.80158482370 W
Media description: Dk brn silt moist. Refusal at 6".

Aliquot #2 Latitude: 33.55649636000 N Longitude -86.80152788220 W
Media description: Same as #1. Refusal at 6".

Aliquot #3: Latitude: 33.55644679950 N Longitude -86.80155379470 W
Media description: Same as #1. Refusal at 6".

Aliquot #4: Latitude: 33.55641121840 N Longitude -86.80153412030 W
Media description:

Aliquot #5: Latitude: 33.55642221060 N Longitude 86.80158997580 W
Media description: Refusal at 2".

STATION ID: CV0227A SAMPLE ID: ~~CV0227A-CS12~~ RS
No sample

SAMPLE COLLECTION TIME: _____

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

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

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

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

Aliquot #1: Latitude: _____ N Longitude _____ W
Media description: Refusal at 6".

Aliquot #2 Latitude: _____ N Longitude _____ W
Media description: Refusal at 6".

Aliquot #3: Latitude: _____ N Longitude _____ W
Media description: Refusal at 6".

Aliquot #4: Latitude: _____ N Longitude _____ W
Media description:

Aliquot #5: Latitude: _____ N Longitude _____ W
Media description: Refusal at 2".

* Coordinates same as CV0227A-CS6"

CV0378B

ADDRESS: 3316 33rd Place North **PROPERTY ID:** ~~CV0317B~~

DATE: 4/~~22~~/15 **ARRIVAL TIME:** 1000

Other pertinent information (weather conditions, etc.):

Sunny & windy @ 72°F

PROPERTY COMMENTS:

START advised owner about sampling event at the residence back yard; owner agreed and apeased the dog. Note: pitbull at back yard, playful not aggressive.

Grid for property sketch

Refer to the figure created for the parcel.

STATION ID: CV0378B **SAMPLE ID:** CV0378B-CS6

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:** CV0378B-CSD6@1050

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

Aliquot #1: *Latitude:* 33.556188 N *Longitude* -86.799802 W

Media description: GRASS, BWN SANDY SILT W/COAL FRAGS + GRAVEL, DAMP, NO ODOR

Aliquot #2 *Latitude:* 33.556103 N *Longitude* -86.799802 W

Media description: SAME

Aliquot #3: *Latitude:* 33.556156 N *Longitude* -86.799888 W

Media description: GRASS, BLACK FINE SAND W/COAL FRAGS, DAMP, NO ODOR

Aliquot #4: *Latitude:* 33.556188 N *Longitude* -86.799966 W

Media description: SAME DESCRIPTION AS ALIQUOT #3

Aliquot #5: *Latitude:* 33.556107 N *Longitude* -86.799957 W

Media description: SAME DESCRIPTION AS ALIQUOT #3

STATION ID: CV0378B **SAMPLE ID:** CV0378B-CS12

SAMPLE COLLECTION TIME: 1050

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

Collection: Composite or Grab **MS/MSD?** Y or N CV0378B-CS12

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: BLACK FINE SAND W/GRAVEL + COAL FRAGS, DAMP, NO ODOR

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

Media description: REFUSAL @6"

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

Media description: SAME AS ALIQUOT #1

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

Media description: SAME AS ALIQUOT #1

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

Media description: SAME AS ALIQUOT #1

CS9 SAME AS CS6

ADDRESS: _____ **PROPERTY ID:** _____

DATE: _____ **ARRIVAL TIME:** _____

Other pertinent information (weather conditions, etc.):

_____

PROPERTY COMMENTS:

_____

_____

_____

_____

Grid for property sketch

STATION ID: CV0378B **SAMPLE ID:** CV0378B-CS18'

SAMPLE COLLECTION TIME: 1100

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: BWN SILTY CLAY W/ TRACE COAL FRAGS, DAMP, NO ODOR

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

Media description: REFUSAL @ 6"

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

Media description: BLACK SILTY CLAY W/ COAL FRAGS, DAMP, NO ODOR

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

Media description: BWN SILTY CLAY W/ TRACE COAL FRAGS, DAMP, NO ODOR

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

Media description: BWN SILTY CLAY, DAMP, NO ODOR

COS SAME AS 9

STATION ID: **SAMPLE ID:** CV0378B-CS24'

SAMPLE COLLECTION TIME: 1105

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: BWN SILTY CLAY, WET, NO ODOR

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

Media description: ~~SAA~~ REFUSAL @ 6"

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

Media description: SAA

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

Media description: SAA

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

Media description: SAA

COS SAME AS 9

ADDRESS: _____ **PROPERTY ID:** _____

DATE: _____ **ARRIVAL TIME:** _____

Other pertinent information (weather conditions, etc.):

_____

PROPERTY COMMENTS:

_____

_____

_____

_____

Grid for property sketch

end of log book

35th Avenue Depth of Contamination Table

Owner Name Parcel Number	Sample Location	Street Number	Street Name	Analyte RML Exceedence	TEQ if BaP is COC	Notes	Special Notes
Janice Johnson 012200131026008000	CV0162B	3338	31st Way N	200-400 4" sampling			Must Call First day before to unlock gate
Cathy Lewis 012200134005004000	CV0227A	3325	32nd Pl N	Pb 457 mg/kg			Must Call First
Cathy Lewis 012200134005004000	CV0227B	3325	32nd Pl N	Arsenic 122 mg/kg			Must Call First
Patricia Martin 012200131010068000	CV0378B	3316	33rd Pl N	BaP 2.8 mg/kg			Must Call First

Notes:
As - Arsenic
Pb - Lead
BaP - Benzo(a)pyrene
U - Constituent analyzed for but not detected.
mg/l - milligrams per liter

OTIE
Oneida Total Integrated Enterprises

35th Avenue Depth of Contamination Table

Owner Name Parcel Number	Sample Location	Street Number	Street Name	Analyte RML Exceedence	TEQ if BaP is COC	Notes	Special Notes
Tywanda & Myron Ginwright 012200131010080000	CV0401B	3369	33rd Pl N	BaP 4.4 mg/kg		BaP at 6" is 9.3 Or 14 Dup	
Johnny Davis 012200132018005000	CV0523A	3030	34th Ave N	Bap 3.4 mg/kg			
John & Lois Oliver 012200134030002000	CV1264A	3439	29th Ave N	200-400 4" sampling			200-400 4" sampling
Malcom Wright 012200132003008000	FM0047B	4005	29TH St N	BaP 2.3 mg/kg			
Malcom Wright 012200132003008000	FM0047E	4005	29TH St N	BaP 1.6 mg/kg			

Notes:
As - Arsenic
Pb - Lead
BaP - Benzo(a)pyrene
U - Constituent analyzed for but not detected.
mg/l - milligrams per liter

OTIE
Creekside Tribal Antagonized Enterprises

35th Avenue Depth of Contamination Table

Owner Name Parcel Number	Sample Location	Street Number	Street Name	Analyte RML Exceedence	TEQ if BaP is COC	Notes	Special Notes
Allison & Audrey Wren 012200132020015000	CV0104A	3414	31st Pl N	BaP TEQ 1.65 mg/kg			
Allison & Audrey Wren 012200132020015000	CV0104B	3414	31st Pl N	BaP 3.6 mg/kg			
Allison & Audrey Wren 012200132020015000	CV0104C	3414	31st Pl N	BaP TEQ 1.99 mg/kg			
Janice Johnson 012200131026008000	CV0162A	3338	31st Way N	BaP 3.9 mg/kg			

Notes:
As - Arsenic
Pb - Lead
BaP - Benzo(a)pyrene
U - Constituent analyzed for but not detected.
mg/l - milligrams per liter

OTIE
Oneida Tribal Integrated Enterprises

35th Avenue Depth of Contamination Table

Owner Name Parcel Number	Sample Location	Street Number	Street Name	Analyte RML Exceedence	TEQ if BaP is COC	Notes	Special Notes
Tywanda & Myron Ginwright 012200131010080000	CV0401B	3369	33rd Pl N	BaP 4.4 mg/kg		BaP at 6" is 9.3 Or 14 Dup	
Johnny Davis 012200132018005000	CV0523A	3030	34th Ave N	Bap 3.4 mg/kg			
John & Lois Oliver 012200134030002000	CV1264A	3439	29th Ave N	200-400 4" sampling			200-400 4" sampling
Malcom Wright 012200132003008000	FM0047B	4005	29TH St N	BaP 2.3 mg/kg			
Malcom Wright 012200132003008000	FM0047E	4005	29TH St N	BaP 1.6 mg/kg			

Notes:
As - Arsenic
Pb - Lead
BaP - Benzo(a)pyrene
U - Constituent analyzed for but not detected.
mg/l - milligrams per liter

OTIE
Oneida Total Integrated Enterprises

35th Avenue Depth of Contamination Table

Owner Name Parcel Number	Sample Location	Street Number	Street Name	Analyte RML Exceedence	TEQ if BaP is COC	Notes	Special Notes
Allison & Audrey Wren 012200132020015000	CV0104A	3414	31st Pl N	BaP TEQ 1.65 mg/kg			
Allison & Audrey Wren 012200132020015000	CV0104B	3414	31st Pl N	BaP 3.6 mg/kg			
Allison & Audrey Wren 012200132020015000	CV0104C	3414	31st Pl N	BaP TEQ 1.99 mg/kg			
Janice Johnson 012200131026008000	CV0162A	3338	31st Way N	BaP 3.9 mg/kg			

Notes:
As - Arsenic
Pb - Lead
BaP - Benzo(a)pyrene
U - Constituent analyzed for but not detected.
mg/l - milligrams per liter

OTIE
Omaha Total Integrated Enterprises

35th Avenue Depth of Contamination Table

Owner Name Parcel Number	Sample Location	Street Number	Street Name	Analyte RML Exceedence	TEQ if BaP is COC	Notes	Special Notes
Janice Johnson 012200131026008000	CV0162B	3338	31st Way N	200-400 4" sampling			Must Call First day before to unlock gate
Cathy Lewis 012200134005004000	CV0227A	3325	32nd Pl N	Pb 457 mg/kg			Must Call First
Cathy Lewis 012200134005004000	CV0227B	3325	32nd Pl N	Arsenic 122 mg/kg			Must Call First
Patricia Martin 012200131010068000	CV0378B	3316	33rd Pl N	BaP 2.8 mg/kg			Must Call First

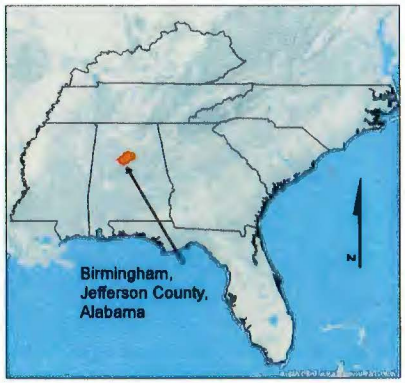
Notes:
As - Arsenic
Pb - Lead
BaP - Benzo(a)pyrene
U - Constituent analyzed for but not detected.
mg/l - milligrams per liter

OTIE
Oneida Tribal Integrated Enterprises

Legend

- Sample of Concern
- Other Sample
- Parcel Boundary

Feet
0 30 60



35TH AVENUE SUPERFUND SITE
BIRMINGHAM
JEFFERSON COUNTY
ALABAMA
TDD NO. 2014078-1006

CV0227

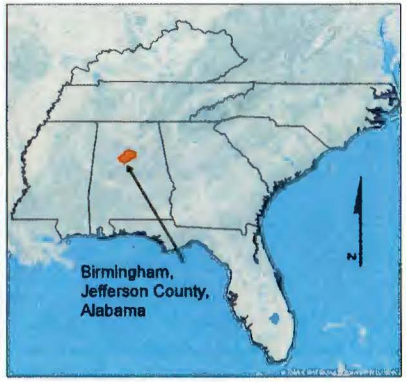
United States Environmental Protection Agency

OTIE

Legend

- Sample of Concern
- Other Samples
- RML
- Parcel Boundary

Feet
0 30 60

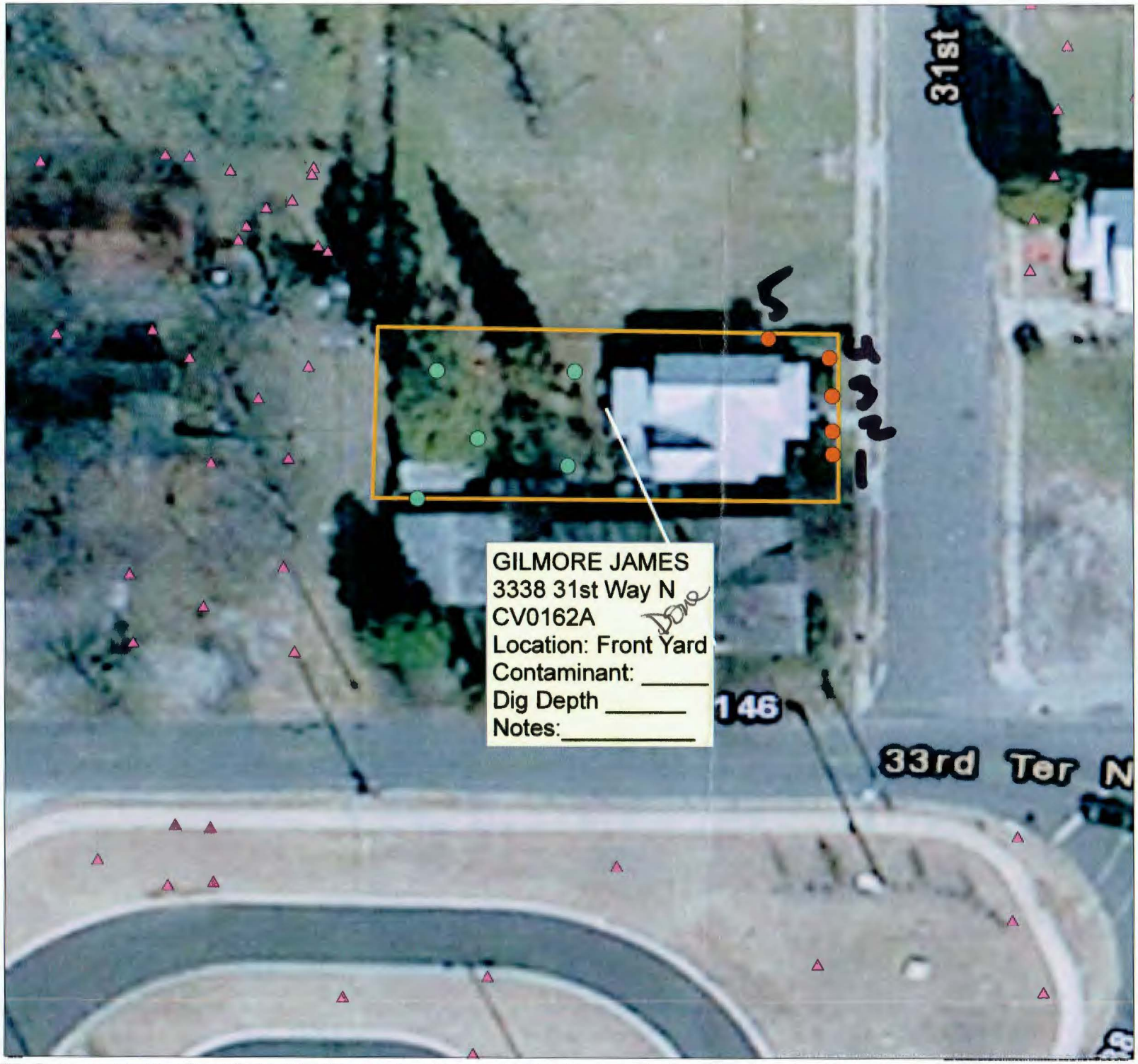


35TH AVENUE SUPERFUND SITE
BIRMINGHAM
JEFFERSON COUNTY
ALABAMA
TDD NO. 2014078-1006

CV0523

United States Environmental Protection Agency

OTIE



Legend

- Sample Location
- Sample of Concern
- Parcel Boundary

Feet
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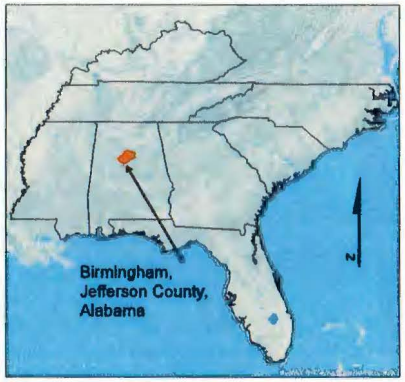


35TH AVENUE SUPERFUND SITE
BIRMINGHAM
JEFFERSON COUNTY
ALABAMA
TDD NO. 2014078-1006

CV0162

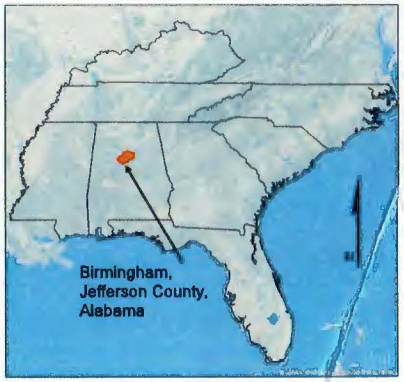
United States Environmental Protection Agency

OTIE

Legend

- Sample of Concern
- Parcel Boundary

Feet
0 30 60

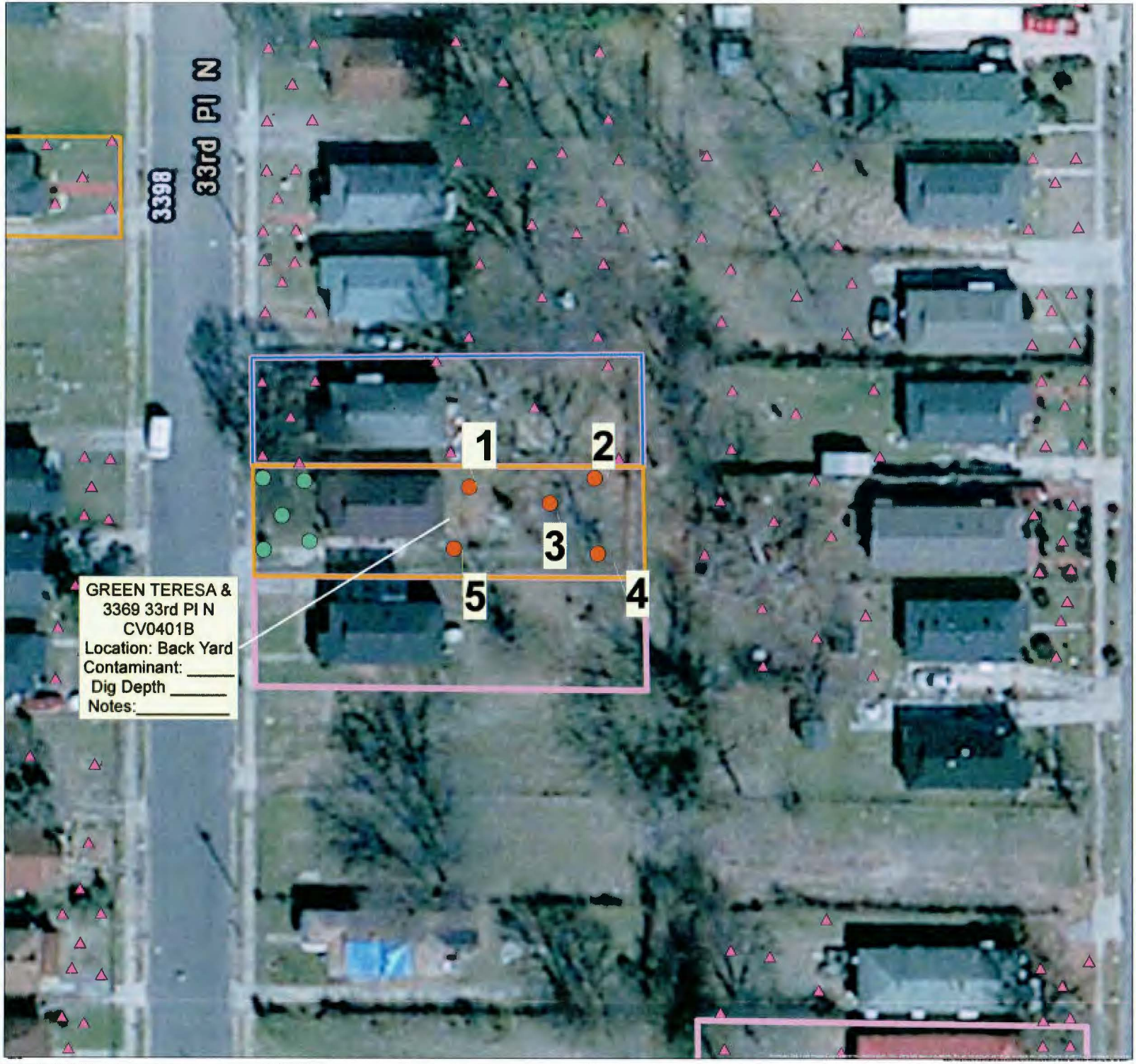


35TH AVENUE SUPERFUND SITE
BIRMINGHAM
JEFFERSON COUNTY
ALABAMA
TDD NO. 2014078-1006

CV0104

United States Environmental Protection Agency

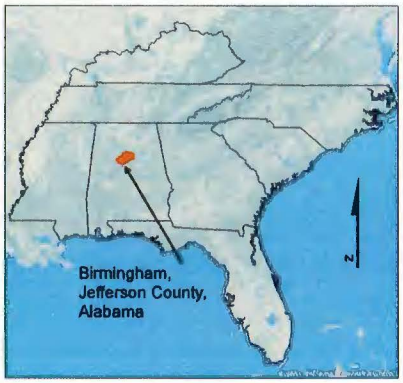
OTIE



Legend

- Sample Location
- Sample of Concern
- RML
- TEQ
- Parcel Location

Feet
0 45 90



35TH AVENUE SUPERFUND SITE
BIRMINGHAM
JEFFERSON COUNTY
ALABAMA
TDD NO. 2014078-1006

CV0401

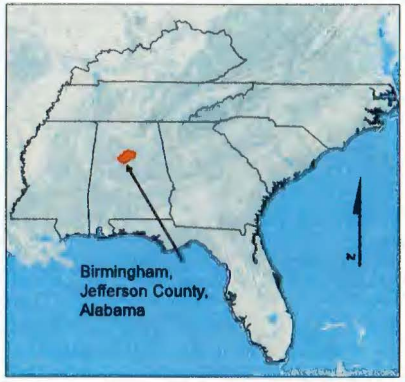
United States Environmental Protection Agency

OTIE

Legend

- Sample Location
- Sample of Concern
- Other Sample
- Parcel Boundary

Feet
0 37.5 75

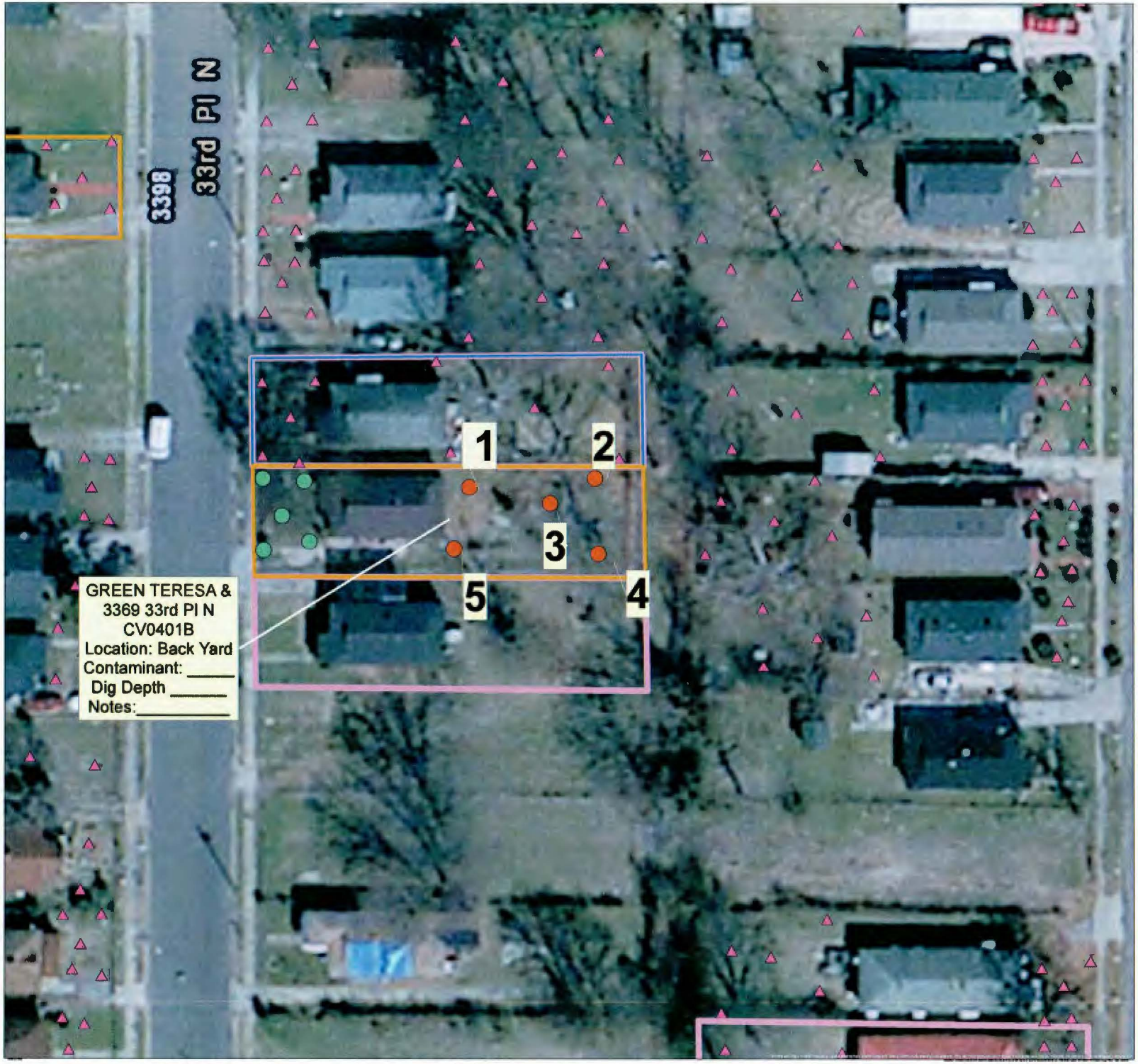


35TH AVENUE SUPERFUND SITE
BIRMINGHAM
JEFFERSON COUNTY
ALABAMA
TDD NO. 2014078-1006

FM0047

United States Environmental Protection Agency

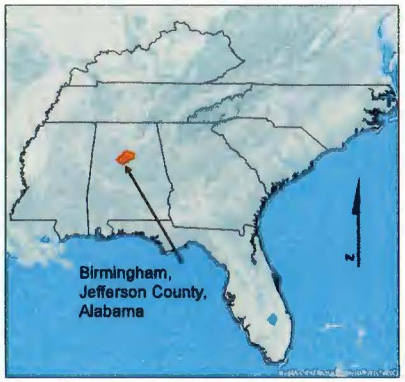
OTIE



Legend

- Sample Location
- Sample of Concern
- RML
- TEQ
- Parcel Location

Feet
0 45 90



35TH AVENUE SUPERFUND SITE
BIRMINGHAM
JEFFERSON COUNTY
ALABAMA
TDD NO. 2014078-1006

CV0401

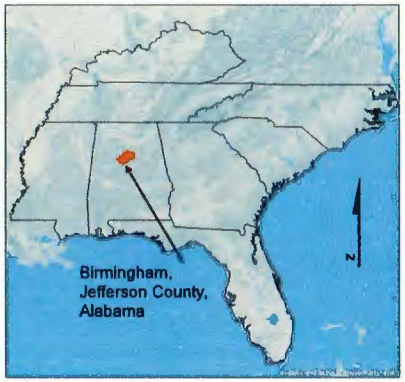
United States Environmental Protection Agency

OTIE

Legend

- Sample Location
- Sample Location of Concern
- Parcel Location

Feet
0 30 60



35TH AVENUE SUPERFUND SITE
BIRMINGHAM
JEFFERSON COUNTY
ALABAMA
TDD NO. 2014078-1006

CV1264

United States Environmental Protection Agency

OTIE

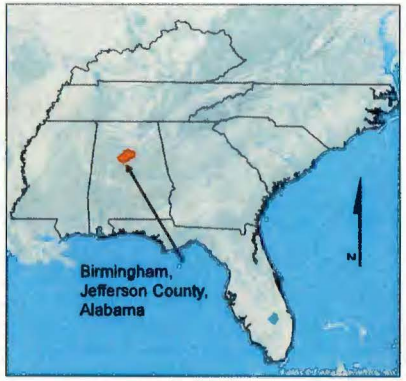
PropertyAddress	PropertyAddress2	Location	Name	Phone	Dig Depth	Notes	Status March 5
3338	31st Way N	CV0162A	Janice Johnson	205-798-8974		1 adult, gate kept locked	Needs to be called the day before or morning of (between 8 and 10) and she will leave the gate unlocked
3325	32nd Pl N	CV0227A CV0227B	Cathy Lewis	205-849-6894		1 adult	Needs to be called before sampling
3420	33rd Ct N	CV0339B	Sophia Hampton	504-914-6111	Back-6"	1 adult	Interviewed/need results of lot before cleanup
3428	33rd Ct N	CV0341	Sophia Hampton	504-914-6111		Lot next to house	Needs to be called before sampling (next week)
3316	33rd Pl N	CV0378B	Patricia Martin	205-849-0150			Needs to be called before sampling
3414	31st Pl N	CV0104A CV0104B CV0104C	Allison & Audrey Wren	205-396-8236		1 adult, 0 children	Have Permission to Sample Anytime
3417	31st St N	CV0144B	Howard Morris			sampled based on access agreement in file; no working phone number	Have Permission to Sample Anytime
012200134012005000	3209	32nd Pl N	CV0210B	Lincoln Hall/Rent Man			This person denied access on phase do I still include?
3313	32nd St N	CV0254A CV0254B	Bezell Gowdy	205-841-6557			Have Permission to Sample Anytime
3369	33rd Pl N	CV0401B	Tywanda & Myron Ginwright	205-201-8282		Leaving town in June, would like to meet in April if possible	Have Permission to Sample Anytime
3030	34th Ave N	CV0523A	Johnny Davis	205-243-1216 cell205-637-2090		vacant house	Have Permission to Sample Anytime
3232	30th Ct N	CV0793B	Chester Wallace	205-849-1542		Vacant house	Have Permission to Sample Anytime
3410	31st Ave N	CV0823A CV0823B	Harry & Ruby Kyle	205-841-5418		Duplex, 3410 vacant, 3412 (not in the database) has 2 adults and 4 children and	Have Permission to Sample Anytime
3436	27th Ct N	CV1114A	Delores Williams	205-202-3525/445-4134			Have Permission to Sample Anytime
3437	30th Ave N	CV1290A	Theo Benson	205-323-4226		2 adults, 0 children	Have Permission to Sample Anytime
4005	29th St N	FM0047A	Malcom Wright	205-213-0087/205-243-3184			Have Permission to Sample Anytime
3436	30th Way N	CV0045B	Larry Jones	205-718-1564/503-3234	Back-6"	1 adult	left message 3/4 to interview

PropertyAddress	PropertyAddress2	Location	Name	Phone	Dig Depth	Notes	Status March 5
3933	Huntsville Rd	CV0724A CV0724B	New Progress Missionary Church	205-994-9279	Front-6" Back-6"	Church	Need to reschedule interview/no show on 3/4
3431	33rd Ave N	CV0305B	Geno & Andrea Horton	205-582-9326		sampled based on access agreement in file; no working phone number	No answer/no voicemail
3449	33rd Ave N	CV0312A	Thomas & Vantilla Madison	205-841-0068	Front-12" Back-12"	3 adults, 0 children	interviewed/ready for cleanup
3384	33rd Pl N	CV0408A	WC Wilson	205-841-5223	Front-12"		interviewed/ready for cleanup
3021	33rd Ter N	CV0500A	Pearlie Mae Douglas	205-252-2810	Front-6"		interviewed/ready for cleanup
3035	33rd Ter N	CV0503A CV0503B	Alfreida Jenkins	707-639-2897	Front-12"		interviewed/ready for cleanup
3344	34th St N	CV0559A CV0559B CV0559C	Beverly Coleman	205-616-5797	Front-12-24" Back-12"	house currently under renovation	interviewed/ready for cleanup
3136	34th Ter N	CV0584A	William Scales	205-841-5115	Front-6"	2 adults, 0 children	interviewed/ready for cleanup
3117	34th St N	CV0912A	Douglasville United Methodist Church	Pastor Densby 205-862-0829	Front-6"	church	interviewed/ready for cleanup
3439	29th Ave N	CV1264B	John & Lois Oliver	205-601-2473	Back-6"	2 adults, 0 children	interviewed/ready for cleanup
3142	46th Ave N	FM0215B	Jo Ann Crawford	205-587-4430	Back-6"	3 adults, 0 children	interviewed/ready for cleanup
3158	46th Ave N	FM0227C FM0227D	Cheryl Fitts	205-923-6550	Side-6" Back-6"	1 adult	interviewed/ready for cleanup
3649	42nd Ave N	HP0125A	Jeffrey & Charlene Bender	205-841-2907	Front-6"	3 adults, 0 children	interviewed/ready for cleanup
3708	43rd Ave N	HP0205A	Doris Williams	205-323-4188	Front-6"	vacant lot	interviewed/ready for cleanup
3404	32nd Ave N	CV0197C	Dexter Sturdivant	205-401-1368	Back-18"	3 adults, 4 children visit more than 4 days per week, 3 dogs	Tree removal/ cleanup started

Legend

- Sample of Concern
- Sample Location
- Other Sample
- Parcel Boundary

Feet
0 30 60



35TH AVENUE SUPERFUND SITE
BIRMINGHAM
JEFFERSON COUNTY
ALABAMA
TDD NO. 2014078-1006

CV0378

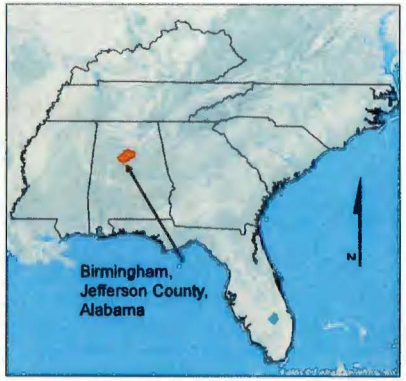
United States Environmental Protection Agency

OTIE

Legend

- Sample of Concern
- Sample Location
- Other Sample
- Parcel Boundary

Feet
0 30 60



35TH AVENUE SUPERFUND SITE
BIRMINGHAM
JEFFERSON COUNTY
ALABAMA
TDD NO. 2014078-1006

CV0378

United States Environmental Protection Agency

OTIE