LB000104

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: 8/18/14 - 8/20/14

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
Jerry Patuap	JP	OTIE, Team Leader
Nairimar Barrios-Castagna	NBC	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
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unsieved

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The ***statio***
designatio

e.g. CV00
with Prop

The ***sampl***
(sediment)
CV0001A-
Pan splits

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.

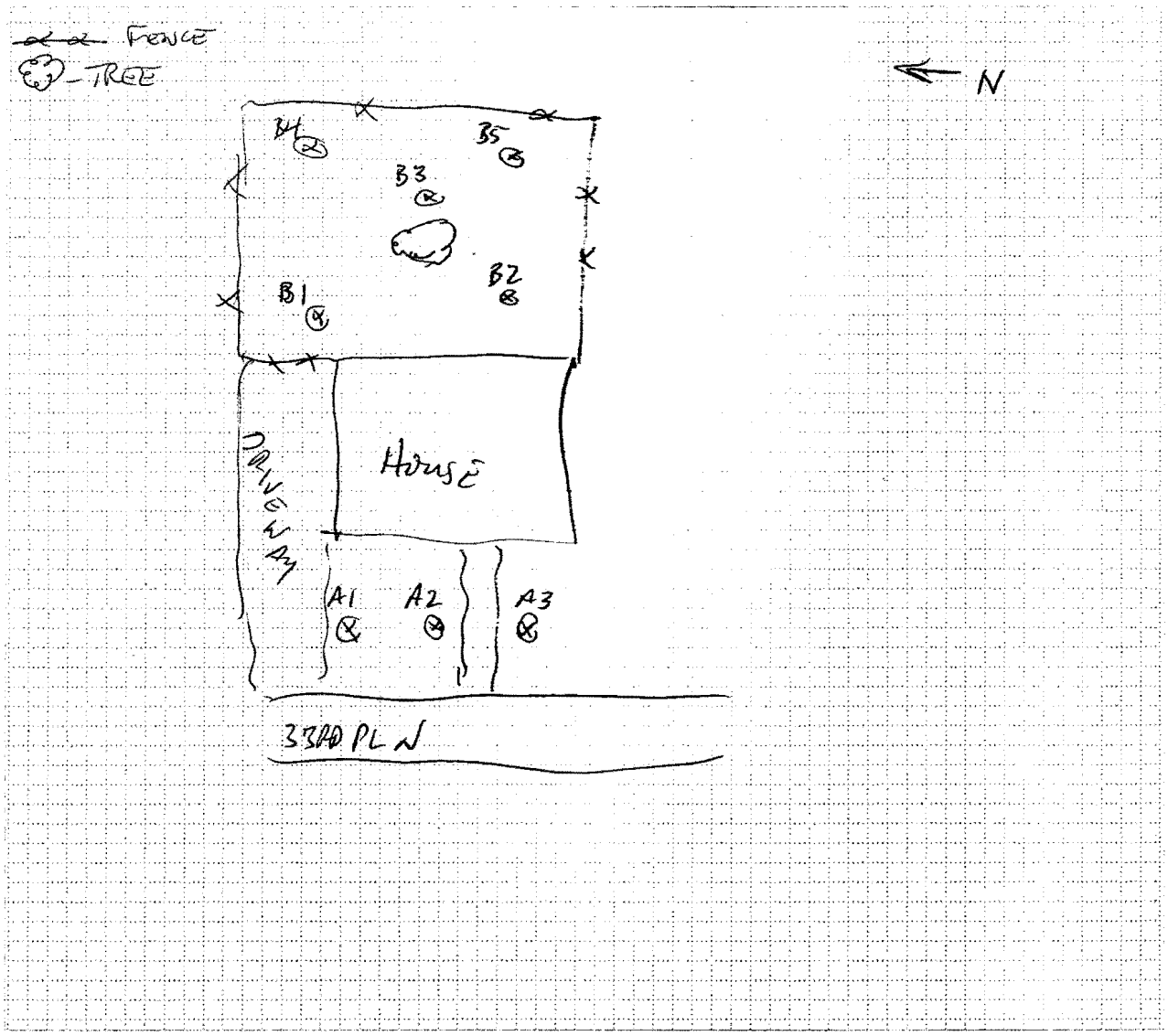
The ***sample ID*** for each sample is the station ID with "CS" (composite soil), "GS" (grab soil), "SD" (sediment), or "SW" (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a "D" to the end of the sample ID.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

ADDRESS: 3389 33RD PLACE NORTH **PROPERTY ID:** CV0004
DATE: 8/18/14 **ARRIVAL TIME:** 1445

Other pertinent information (weather conditions, etc.):
CLOUDY 87°F

PROPERTY COMMENTS:

Grid for property sketch



ATION ID: CV 0004A SAMPLE ID: CV0004A-CS4"

MPLE COLLECTION TIME: 1515

cription of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
3.3% MOISTURE

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

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

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

uot #1: Latitude: 33.558415860000 N Longitude -86.799361957500 W

Media description: GRASS, BWN SANDY CLAY W/GRAVEL + COAL FRAGMENTS, DRY, NO ODOR

uot #2 Latitude: 33.558381751000 N Longitude -86.799361920050 W

Media description: SAA

uot #3: Latitude: 33.558361219820 N Longitude -86.799361663420 W

Media description: SAA

uot #4: Latitude: N Longitude W

Media description:

uot #5: Latitude: N Longitude W

Media description:

-SAME AS ABOVE

TION ID: CV0004B SAMPLE ID: CV0004B-CS4"

PLE COLLECTION TIME: 1545

iption of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
6 % MOISTURE * HEAVY RAIN FOR 30 MINS

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 [X] Instrument #: Logged? (Y) or N

t #1: Latitude: 33.558425594200 N Longitude -86.799141653580 W

Media description: GRASS, DK BWN TO BLACK SAND W/SOME CLAY, COAL FRAGS, GRAVEL, DAMP, NO ODOR

t #2 Latitude: 33.558381719500 N Longitude -86.799113084500 W

Media description: SAA

#3: Latitude: 33.558387905400 N Longitude -86.799064168930 W

Media description: SAA

#4: Latitude: 33.558424197600 N Longitude -86.798991854100 W

Media description: SAA

#5: Latitude: 33.558373704800 N Longitude -86.798994968 0 W

Media description: SAA

SAA - SAME AS ABOVE

ADDRESS: 3342 31ST WAY NORTH **PROPERTY ID:** CV0163

DATE: 8/18/14 **ARRIVAL TIME:** 1600

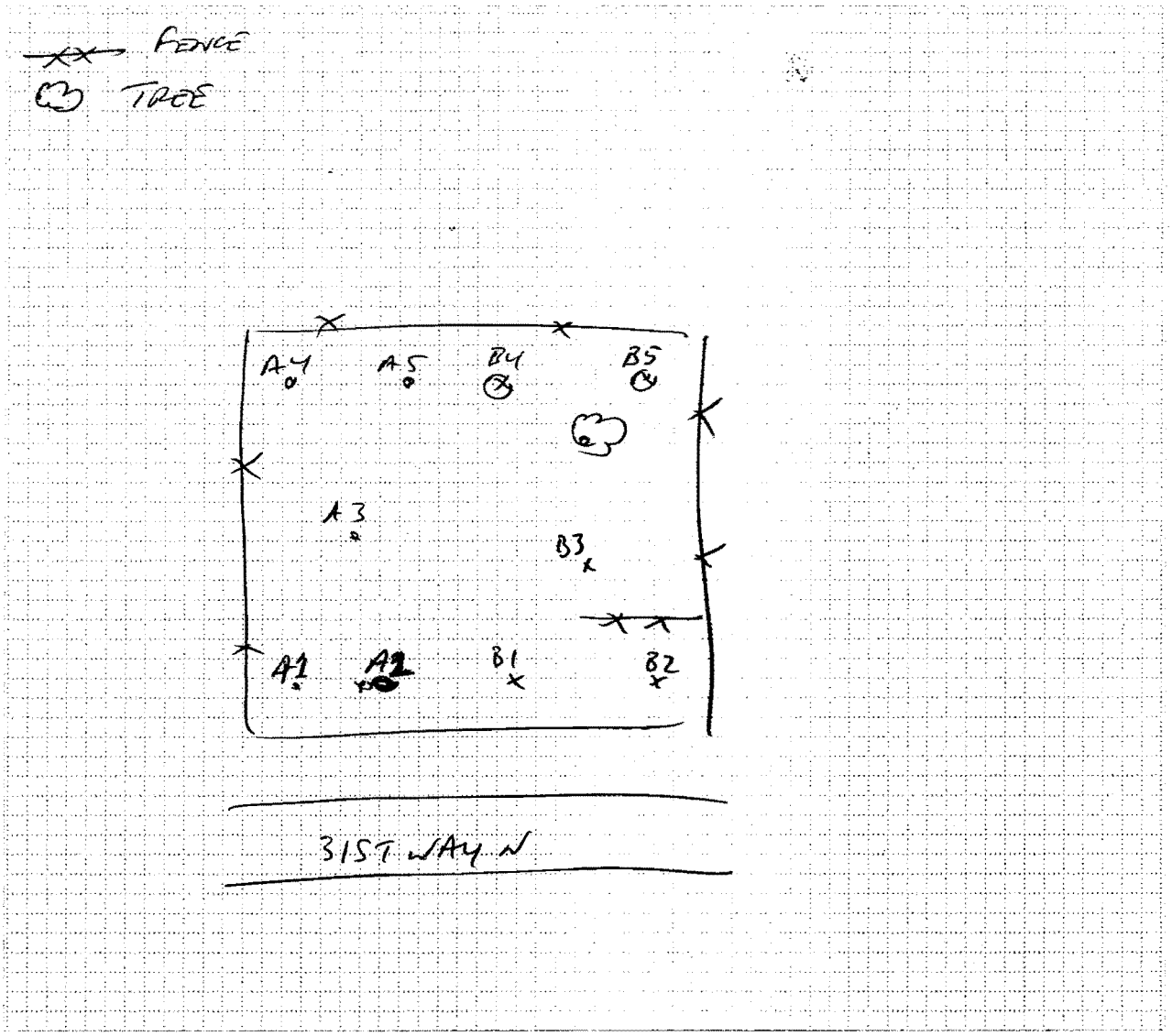
Other pertinent information (weather conditions, etc.):

CLOUDY/WET 75°F

PROPERTY COMMENTS:

VACANT LOT

Grid for property sketch



TION ID: CV0163A SAMPLE ID: CV0163A-CS4"

PLE COLLECTION TIME: 1620

iption of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
1 % MOISTURE

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 [X] Instrument #: Logged? Y or N

t #1: Latitude: 33.55734555340 N Longitude -86.80417558423 W
Media description: GRASS, BWN SANDY SILT W/GRAVEL + COAL FRAGS, DAMP, NO ODOR

t #2 Latitude: 33.55741216230 N Longitude -86.80417013150 W
Media description: GRASS, ORANGE CLAY, DAMP, NO ODOR

t #3: Latitude: 33.55731170520 N Longitude -86.80430338140 W
Media description: GRASS DK BWN SANDY SILT W/GRAVEL + COAL FRAGS, DAMP, NO ODOR

t #4: Latitude: 33.55734173030 N Longitude -86.80445376330 W
Media description: GRASS DK BWN SANDY SILT, W/GRAVEL + COAL FRAGS, DAMP, NO ODOR

t #5: Latitude: 33.55743119830 N Longitude -86.80445376330 W
Media description: GRASS, DK BWN SANDY SILT W/GRAVEL + COAL FRAGS, DAMP, NO ODOR

ION ID: CV0163B SAMPLE ID: CV0163B-CS4"

LE COLLECTION TIME: 1640

ption of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
0 % MOISTURE

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

uplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0163B-CS4"

oordinates: Trimble [X] Instrument #: Logged? Y or N

t #1: Latitude: 33.55745975150 N Longitude -86.80416442080 W
Media description: GRASS BWN SANDY SILT W/GRAVEL, DAMP, NO ODOR

#2 Latitude: 33.55754921930 N Longitude -86.80416442080 W
Media description: GRASS, BWN SANDY SILT W/GRAVEL, DAMP, NO ODOR

#3: Latitude: 33.55750353360 N Longitude -86.80428624920 W
Media description: GRASS, DK BWN SANDY SILT W/GRAVEL + COAL FRAGS, DAMP, NO ODOR

#4: Latitude: 33.55746355870 N Longitude -86.80444614900 W
Media description: GRASS, DK BWN SANDY SILT W/GRAVEL + COAL FRAGS, DAMP, NO ODOR

#5: Latitude: 33.55756254420 N Longitude -86.80442901690 W
Media description: GRASS, DK BWN SANDY SILT W/GRAVEL + COAL FRAGS, DAMP, NO ODOR

ADDRESS: 3533 42ND AVE N **PROPERTY ID:** HP0085

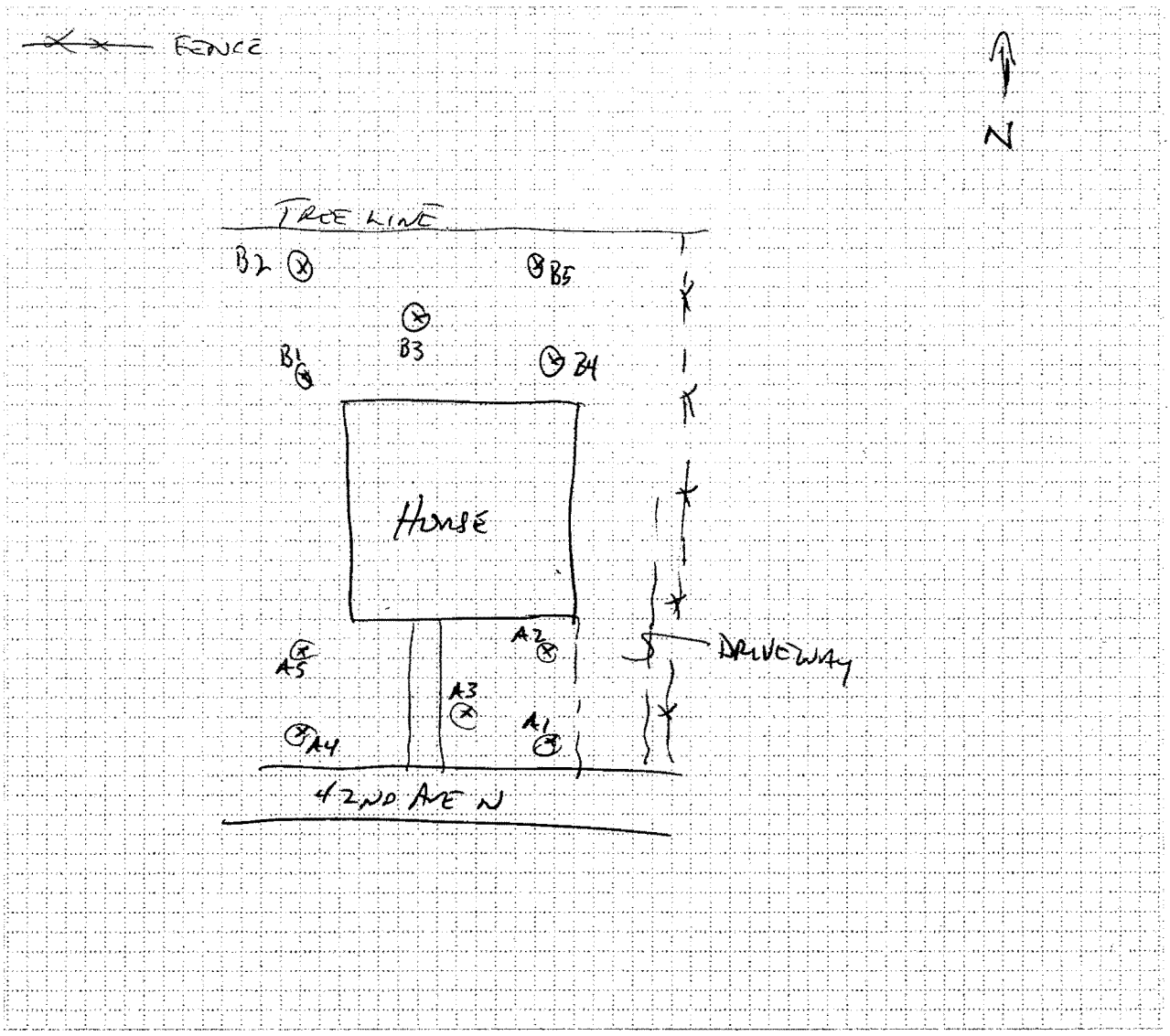
DATE: 8/19/14 **ARRIVAL TIME:** 0800

Other pertinent information (weather conditions, etc.):

CLOUDY / RAIN 73°F

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: HP0085A **SAMPLE ID:** HP0085A - CS6"

SAMPLE COLLECTION TIME: ~~0850~~ 0910

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
8.0% MOISTURE

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:* 33.556494754950 N *Longitude* -86.79530485390 W
Media description: GRASS, BRN SANDY CLAY, DAMP W/ GRAVEL, NO ODOR

Aliquot #2 *Latitude:* 33.556492763680 N *Longitude* -86.79530562500 W
Media description: GRASS, DARK BRN CLAY W/ SILT W/ COAL FRAGS + GRAVEL, DAMP, NO ODOR

Aliquot #3: *Latitude:* 33.55.6494562970 N *Longitude* -86.79525073250 W
Media description: GRASS, DK BRN CLAY W/ SILT W/ COAL FRAGS + GRAVEL, DAMP, NO ODOR

Aliquot #4: *Latitude:* 33.556494358220 N *Longitude* -86.79520042340 W
Media description: GRASS, ORANGE CLAY W/ TRACE SILT, DAMP, NO ODOR

Aliquot #5: *Latitude:* 33.556490782110 N *Longitude* -86.79520844440 W
Media description: GRASS, DK BRN CLAY W/ SILT W/ COAL FRAGS + GRAVEL, DAMP, NO ODOR

STATION ID: HP0085A **SAMPLE ID:** HP0085A-CS12"

SAMPLE COLLECTION TIME: 0920

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
7.4% MOISTURE 8.6% MOISTURE - HP0085A-CSD12"

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

Field Duplicate or Split: (Yes) or No If yes, indicate **Duplicate/split sample station ID:** HP0085A-CSD12" @ 0925

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

Aliquot #1: *Latitude:* ___ N *Longitude* ___ W
Media description: ORANGE SILTY CLAY, DAMP, NO ODOR

Aliquot #2 *Latitude:* ___ N *Longitude* ___ W
Media description: SAA

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

*SAA - SAME AS ABOVE

ADDRESS: _____ **PROPERTY ID:** _____

DATE: _____ **ARRIVAL TIME:** _____

Other pertinent information (weather conditions, etc.):

_____

PROPERTY COMMENTS:

_____

_____

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_____

Grid for property sketch

STATION ID: HP0085A **SAMPLE ID:** HP0085A-CS18"

SAMPLE COLLECTION TIME: 0930

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
7.2% MOISTURE

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 w/ TRACE SILT, DAMP, NO ODOR

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W
Media description: SAA

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

* SAA - SAME AS ABOVE

STATION ID: HP0085A **SAMPLE ID:** HP0085A-CS24"

SAMPLE COLLECTION TIME: 0940

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
7.1% MOISTURE

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 w/ TRACE SILT, DAMP, NO ODOR

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W
Media description: SAA

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

*SAA - SAME AS ABOVE

ADDRESS: _____ **PROPERTY ID:** _____

DATE: _____ **ARRIVAL TIME:** _____

Other pertinent information (weather conditions, etc.):

_____

PROPERTY COMMENTS:

_____

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Grid for property sketch

STATION ID: HP0085B-~~C~~ TP **SAMPLE ID:** HP0085B-CS6"

SAMPLE COLLECTION TIME: 1140

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
7.8% MOISTURE

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:* 33.56473971830 N *Longitude* -86.79523214560 W
Media description: GRASS, ORANGE SILTY CLAY, DRY, NO ODOR

Aliquot #2 *Latitude:* 33.56463738360 N *Longitude* -86.79524133110 W
Media description: GRASS, DK BWN SILTY CLAY w/ LIME GRAVEL + GRAVEL, DRY, NO ODOR; REFUSAL @6"

Aliquot #3: *Latitude:* 33.56469010220 N *Longitude* -86.79528041860 W
Media description: GRASS, BWN SILTY CLAY, DRY, NO ODOR

Aliquot #4: *Latitude:* 33.56473895310 N *Longitude* -86.79531760840 W
Media description: GRASS, BWN SILTY CLAY, DRY, NO ODOR

Aliquot #5: *Latitude:* 33.56464994500 N *Longitude* -86.79531561670 W
Media description: GRASS, BWN SILTY CLAY, DRY, NO ODOR

STATION ID: HP0085B **SAMPLE ID:** HP0085B-CS12"

SAMPLE COLLECTION TIME: 1145

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
4.3% MOISTURE

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 w/ LIME~~ SILTY CLAY, DRY NO ODOR

Aliquot #2 *Latitude:* N *Longitude* W
Media description: TP ~~SAD~~ REFUSAL @ 6"

Aliquot #3: *Latitude:* N *Longitude* W
Media description: ORANGE SILTY CLAY, DRY, NO ODOR

Aliquot #4: *Latitude:* N *Longitude* W
Media description: ORANGE SILTY CLAY, DRY, NO ODOR

Aliquot #5: *Latitude:* N *Longitude* W
Media description: ORANGE SILTY CLAY, DRY, NO ODOR; REFUSAL @12"

ADDRESS: _____ **PROPERTY ID:** _____

DATE: _____ **ARRIVAL TIME:** _____

Other pertinent information (weather conditions, etc.):

_____

PROPERTY COMMENTS:

_____

_____

_____

_____

Grid for property sketch

STATION ID: HP0085B **SAMPLE ID:** HP0085B-CS18"

SAMPLE COLLECTION TIME: 1200

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
2.4 % MOISTURE

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 SILTY CLAY, DRY, NO ODOR

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W
Media description: REFUSAL @ 6"

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W
Media description: ORANGE SILTY CLAY, DRY, NO ODOR

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W
Media description: ORANGE SILTY CLAY, DRY, NO ODOR

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W
Media description: REFUSAL @ 12"

STATION ID: HP0085B **SAMPLE ID:** HP0085B-CS24"

SAMPLE COLLECTION TIME: 1215

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
1.6% MOISTURE

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 SILTY CLAY, DRY, NO ODOR

Aliquot #2 *Latitude:* _____ N *Longitude* _____ W
Media description: REFUSAL @ 6"

Aliquot #3: *Latitude:* _____ N *Longitude* _____ W
Media description: ORANGE SILTY CLAY, DRY, NO ODOR

Aliquot #4: *Latitude:* _____ N *Longitude* _____ W
Media description: ORANGE SILTY CLAY, DRY, NO ODOR

Aliquot #5: *Latitude:* _____ N *Longitude* _____ W
Media description: REFUSAL @ 12"

ADDRESS: 3928 FAIRMONT PL N **PROPERTY ID:** FM0350

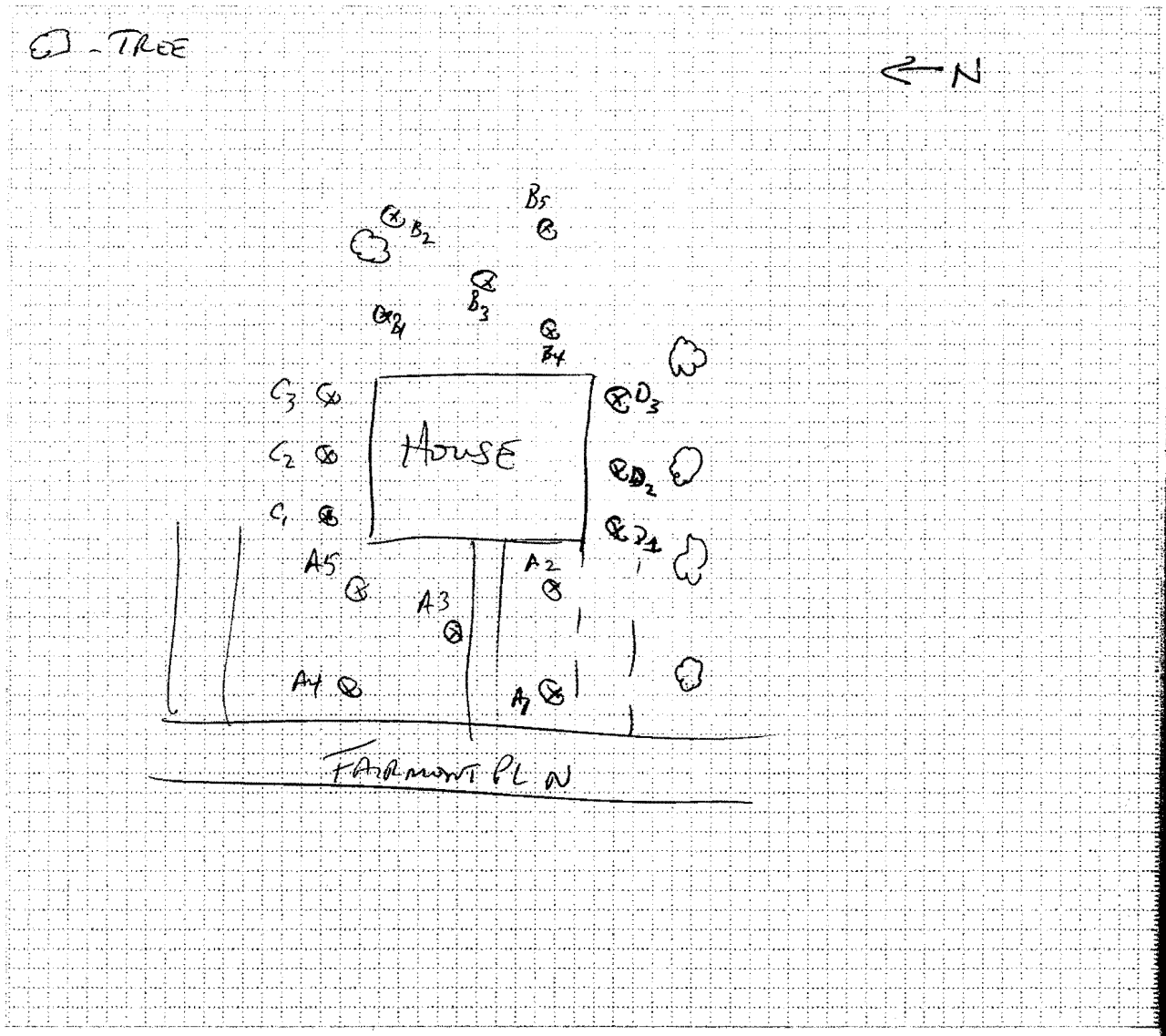
DATE: 8/19/14 **ARRIVAL TIME:** 1345

Other pertinent information (weather conditions, etc.):

Sunny 90°F

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0350A **SAMPLE ID:** FM0350A-CS4"

SAMPLE COLLECTION TIME: 1445

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
6.0% MOISTURE 7.3% MOISTURE - FM0350A-CSD4"

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

Field Duplicate or Split: Yes or No *If yes, indicate* **Duplicate/split sample station ID:** FM0350A-CSD4" @ 1450

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

Aliquot #1: *Latitude:* 33.562624237300 N *Longitude* -86.813854463270 W
Media description: GRASS, DK BWN SANDY SILT W/GRAVEL, DRY, NO ODOR

Aliquot #2 *Latitude:* 33.562641313100 N *Longitude* -86.813917722640 W
Media description: SAA

Aliquot #3: *Latitude:* 33.562609941920 N *Longitude* -86.813891490900 W
Media description: SAA

Aliquot #4: *Latitude:* 33.562606525900 N *Longitude* -86.813853116040 W
Media description: SAA

Aliquot #5: *Latitude:* 33.562564506500 N *Longitude* -86.813913644900 W
Media description: SAA

* SAA - SAME AS ABOVE

STATION ID: FM0350B **SAMPLE ID:** FM0350B-CS4"

SAMPLE COLLECTION TIME: 1515

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
7.9% MOISTURE

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:* 33.562583518870 N *Longitude* -86.814136294400 W
Media description: GRASS, DK BWN SANDY SILT W/GRAVEL (COAL FRAGS), BRICKS + GLASS, DRY, NO ODOR

Aliquot #2 *Latitude:* 33.562594006730 N *Longitude* -86.814220102400 W
Media description: SAA

Aliquot #3: *Latitude:* 33.562644174600 N *Longitude* -86.814212518400 W
Media description: SAA

Aliquot #4: *Latitude:* 33.562606408470 N *Longitude* -86.814274850700 W
Media description: SAA

Aliquot #5: *Latitude:* 33.562606065820 N *Longitude* -86.814151955900 W
Media description: SAA

* SAA - SAME AS ABOVE

ADDRESS: _____ **PROPERTY ID:** _____

DATE: _____ **ARRIVAL TIME:** _____

Other pertinent information (weather conditions, etc.):

_____

PROPERTY COMMENTS:

_____

_____

_____

_____

Grid for property sketch

STATION ID: FM035DC **SAMPLE ID:** FM035DC-CS4"

SAMPLE COLLECTION TIME: 1500

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
7.5% MOISTURE

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:* 33.562570495 10 N *Longitude* -86.813963209 40 W

Media description: GRASS, DARK BRWN SANDY SILT w/ COAL FRAGS, GRAVEL, BRICKS, DRY, NO ODOR

Aliquot #2 *Latitude:* 33.562565311 00 N *Longitude* -86.814014435 40 W

Media description: SAA

Aliquot #3: *Latitude:* 33.562565098 20 N *Longitude* -86.814063393 20 W

Media description: SAA

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

Media description:

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

Media description:

*SAA - SAME AS ABOVE

STATION ID: FM035DD **SAMPLE ID:** FM035DD-CS4"

SAMPLE COLLECTION TIME: 1530

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
8.7% MOISTURE

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:* 33.562696211 20 N *Longitude* -86.813971927 90 W

Media description: BLACK SANDY SILT w/ COAL FRAGS, GRAVEL, BRICKS, GLASS, DRY, NO ODOR

Aliquot #2 *Latitude:* 33.562701274 40 N *Longitude* -86.814071191 70 W

Media description: SAA

Aliquot #3: *Latitude:* 33.562673906 60 N *Longitude* -86.814116686 50 W

Media description: SAA

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

Media description:

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

Media description:

*SAA - SAME AS ABOVE

ADDRESS: _____ **PROPERTY ID:** _____

DATE: _____ **ARRIVAL TIME:** _____

Other pertinent information (weather conditions, etc.):

_____

PROPERTY COMMENTS:

_____

_____

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Grid for property sketch

End of 1st book

Use