

REDACTED

United States Environmental Protection Agency
Region 4



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

FIELD SAMPLING LOGBOOK

Book 2 of 2

Inclusive Dates: 2/18/13 to 2/22/13

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)		URS, North Dakota NBC
		OTIE Team Leader
		URS
_____	_____	_____
_____	_____	_____
_____	_____	_____

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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 (\leq) 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 \leq 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.

(b) (6)

ADDRESS:

PROPERTY ID:

CW0908

DATE:

01/20/13

ARRIVAL TIME:

1250

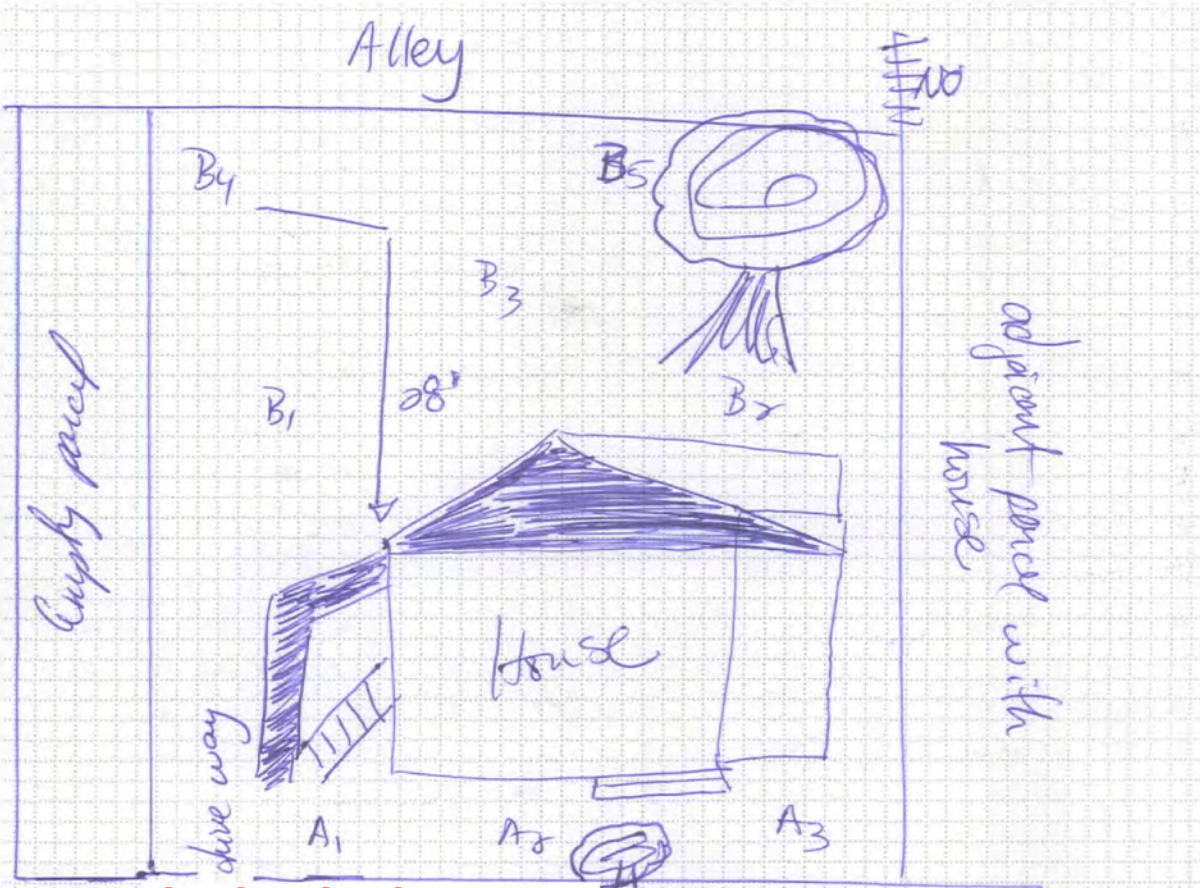
Other pertinent information (weather conditions, etc.):

43°F feels like 37°F, NNW 8 mph

PROPERTY COMMENTS:

vacant property

Grid for property sketch



(b) (6)

STATION ID: CV0908A SAMPLE ID: CV0908A-CS

SAMPLE COLLECTION TIME: 1305

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 #: 018594 Logged? or N

Aliquot #1: Latitude: 33.55387521 N Longitude 86.79918679 W
Media description: Dark brown sandy silt. moist.

Aliquot #2: Latitude: 33.55391783 N Longitude 86.79918513 W
Media description: Same as #1

Aliquot #3: Latitude: 33.55396620 N Longitude 86.79917855 W
Media description: Same as #1

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

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

STATION ID: CV0908B SAMPLE ID: CV0908B-CS

SAMPLE COLLECTION TIME: 1319 1313

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 #: 018594 Logged? or N

Aliquot #1: Latitude: 33.55387047 N Longitude 86.79938292 W
Media description: dark brown silty clay damp

Aliquot #2: Latitude: 33.55396106 N Longitude 86.79939429 W
Media description: Same as #1

Aliquot #3: Latitude: 33.55392419 N Longitude 86.79941206 W
Media description: Same as #1

Aliquot #4: Latitude: 33.55389057 N Longitude 86.79944630 W
Media description: Same as #1

Aliquot #5: Latitude: 33.55396826 N Longitude 86.79944189 W
Media description: Same as #1

(b) (6)

ADDRESS:

PROPERTY ID:

CV0903

DATE:

2/20/13

ARRIVAL TIME:

1325

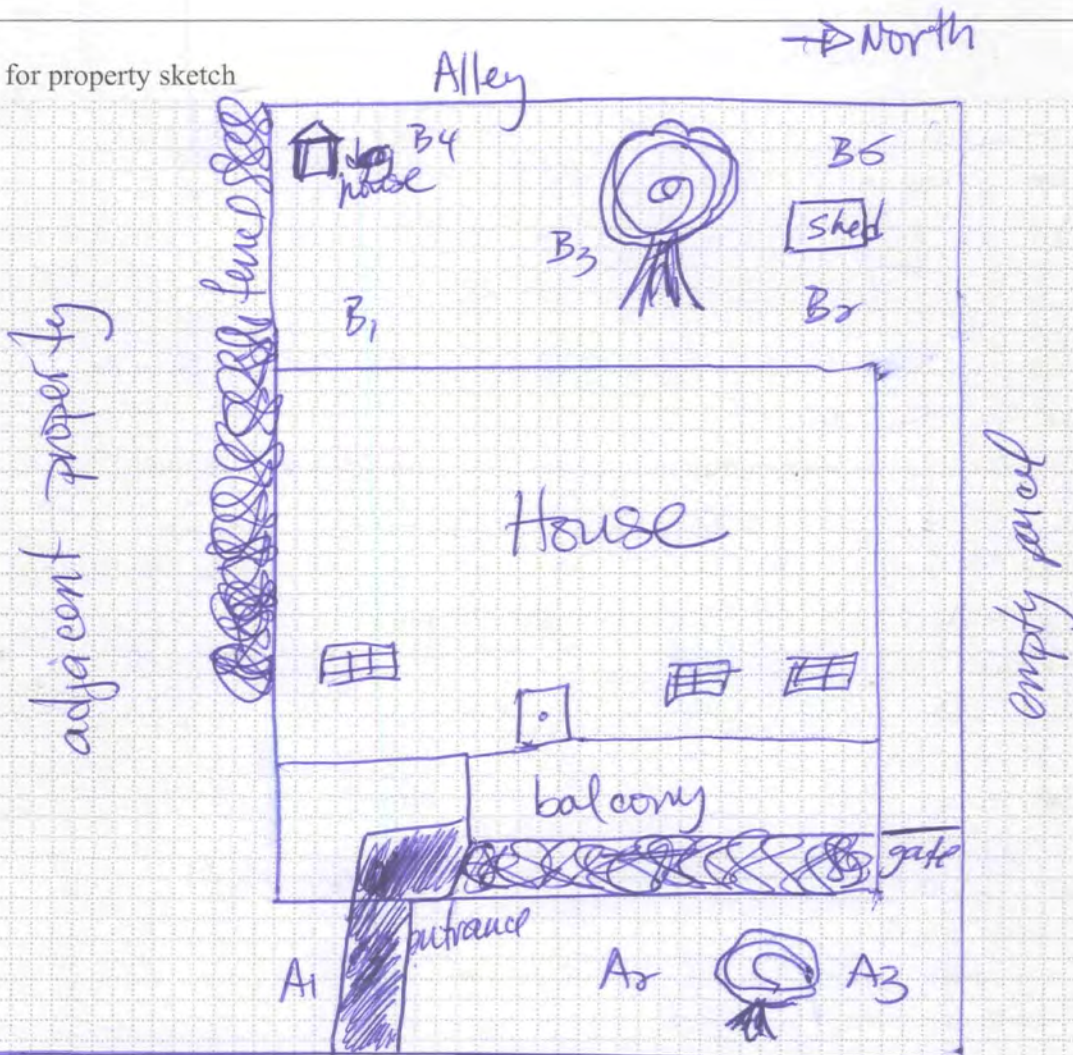
Other pertinent information (weather conditions, etc.):

39°F mostly cloudy; NNW 8 mph

PROPERTY COMMENTS:

START advised owner of sampling.

Grid for property sketch



(b) (6)

STATION ID: CV0903A-ES SAMPLE ID: CV0903A-CS

SAMPLE COLLECTION TIME: 1343

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 <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/>	or N
Aliquot #1:	Latitude: <u>33.55343429</u>	N Longitude: <u>86.79917912</u>		W
	Media description:	<u>dark brown silty clay damp w. coal frags.</u>		
Aliquot #2:	Latitude: <u>33.55347648</u>	N Longitude: <u>86.79917325</u>		W
	Media description:	<u>same as #1</u>		
Aliquot #3:	Latitude: <u>33.55351611</u>	N Longitude: <u>86.79918412</u>		W
	Media description:	<u>same as #1</u>		
Aliquot #4:	Latitude:	N Longitude:		W
	Media description:	<u>same as #1</u>		
Aliquot #5:	Latitude:	N Longitude:		W
	Media description:	<u>same as #1</u>		

STATION ID: CV0903B- SAMPLE ID: CV0903B-CS

SAMPLE COLLECTION TIME: 1351

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 <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/>	or N
Aliquot #1:	Latitude: <u>33.55341457</u>	N Longitude: <u>86.79939155</u>		W
	Media description:	<u>dark brown silty clay damp</u>		
Aliquot #2:	Latitude: <u>33.55353468</u>	N Longitude: <u>86.79939332</u>		W
	Media description:	<u>same as #1</u>		
Aliquot #3:	Latitude: <u>33.55348298</u>	N Longitude: <u>86.79942682</u>		W
	Media description:	<u>same as #1</u>		
Aliquot #4:	Latitude: <u>33.55344299</u>	N Longitude: <u>86.79945247</u>		W
	Media description:	<u>same as #1</u>		
Aliquot #5:	Latitude: <u>33.55353476</u>	N Longitude: <u>86.79946889</u>		W
	Media description:	<u>same as #1</u>		

ADDRESS: (b) (6)

PROPERTY ID: CV0958

DATE: 2/20/13

ARRIVAL TIME: 1402

Other pertinent information (weather conditions, etc.):

44°F feels like 39°F; cloudy; N 8mph

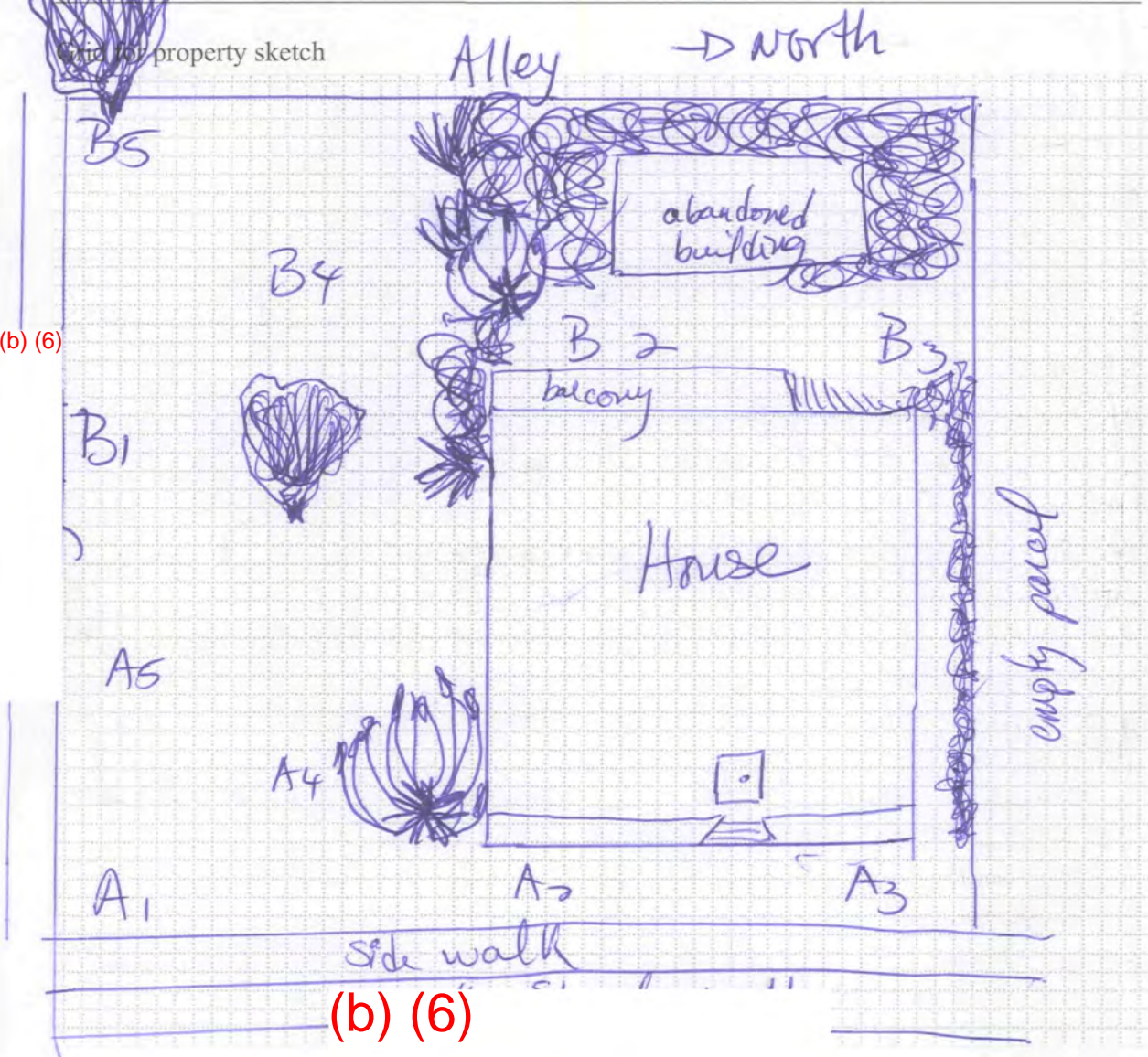
PROPERTY COMMENTS:

vacant property



Site for property sketch

(b) (6)



(b) (6)

STATION ID: CV0958A^{BA} SAMPLE ID: CV0958A-CS^{BA}

SAMPLE COLLECTION TIME: 1430

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
Back^{BA} front / 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 <input checked="" type="checkbox"/>	Instrument #: <u>018094</u>	Logged? <input checked="" type="checkbox"/>	Y or N
Aliquot #1: Latitude: <u>33.55323555</u>	N Longitude: <u>86.79840677</u>		W
Media description:	<u>dark brown sandy silt damp</u>		
Aliquot #2: Latitude: <u>33.55335729</u>	N Longitude: <u>86.79842730</u>		W
Media description:	<u>same as #1</u>		
Aliquot #3: Latitude: <u>33.55339458</u>	N Longitude: <u>86.79842533</u>		W
Media description:	<u>same as #1</u>		
Aliquot #4: Latitude: <u>33.55329644</u>	N Longitude: <u>86.79845271</u>		W
Media description:	<u>same as #1</u>		
Aliquot #5: Latitude: <u>33.55323180</u>	N Longitude: <u>86.79849134</u>		W
Media description:	<u>same as #1</u>		

STATION ID: ~~CV0958B~~ CV0958A^{BA} SAMPLE ID: ~~CV0958B-CS~~ CV0958A-CS^{BA}

SAMPLE COLLECTION TIME: 1420

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
Front^{BA} back / 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 <input checked="" type="checkbox"/>	Instrument #: <u>018094</u>	Logged? <input checked="" type="checkbox"/>	Y or N
Aliquot #1: Latitude: <u>33.55322654</u>	N Longitude: <u>86.79847301</u>		W
Media description:	<u>Dark brown silty clay, moist.</u>		
Aliquot #2: Latitude: <u>33.55332882</u>	N Longitude: <u>86.79845860</u>		W
Media description:	<u>See as #1.</u>		
Aliquot #3: Latitude: <u>33.55338252</u>	N Longitude: <u>86.79845714</u>		W
Media description:	<u>Same as #1</u>		
Aliquot #4: Latitude: <u>33.55327700</u>	N Longitude: <u>86.79852013</u>		W
Media description:	<u>Same as #1.</u>		
Aliquot #5: Latitude: <u>33.55322650</u>	N Longitude: <u>86.79856353</u>		W
Media description:	<u>Dark brown sandy SILT.</u>		

(b) (6)

ADDRESS:

PROPERTY ID:

CV0829

DATE:

2/20 /13

ARRIVAL TIME:

1450

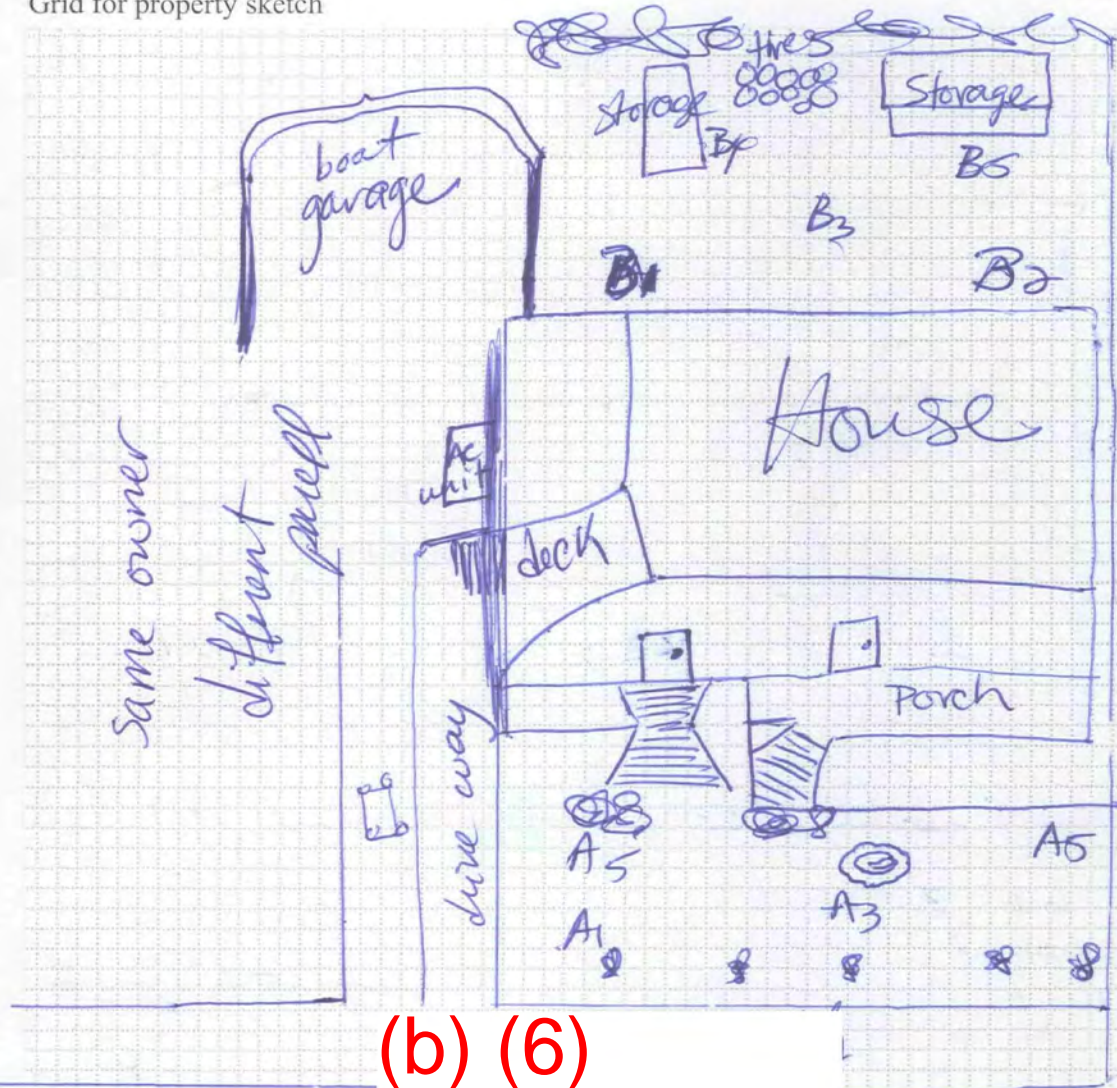
Other pertinent information (weather conditions, etc.):

36°F, cloudy, N 11 mph

PROPERTY COMMENTS:

No residents at property by the ^{time of} sample collection

Grid for property sketch



(b) (6)

STATION ID: CVO829A SAMPLE ID: CVO829A-CS

SAMPLE COLLECTION TIME: 1507

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 <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? Y or N
Aliquot #1:	Latitude: <u>33.55356672</u>	N Longitude <u>86.79717088</u>	W
	Media description: <u>dark brown sandy silt w. coal frags damp</u>		
Aliquot #2:	Latitude: <u>33.55356799</u>	N Longitude <u>86.79726287</u>	W
	Media description: _____		
Aliquot #3:	Latitude: <u>33.55355391</u>	N Longitude <u>86.79721661</u>	W
	Media description: _____		
Aliquot #4:	Latitude: <u>33.55354485</u>	N Longitude <u>86.79716982</u>	W
	Media description: _____		
Aliquot #5:	^{lon} Latitude: <u>86.79726073</u>	^{lat} N Longitude <u>33.55354620</u>	W
	Media description: _____		

STATION ID: CVO829B SAMPLE ID: CVO829B-CS

SAMPLE COLLECTION TIME: 1520

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 <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <u>Y</u> or N
Aliquot #1:	Latitude: <u>33.55331678</u>	N Longitude <u>86.79713454</u>	W
	Media description: <u>dark brown sandy silt w/coal frags. damp</u>		
Aliquot #2:	Latitude: <u>33.55332947</u>	N Longitude <u>86.79725626</u>	W
	Media description: <u>same as #1</u>		
Aliquot #3:	Latitude: <u>33.55328138</u>	N Longitude <u>86.79718128</u>	W
	Media description: <u>same as #1</u>		
Aliquot #4:	Latitude: <u>33.55325489</u>	N Longitude <u>86.79715970</u>	W
	Media description: <u>same as #1</u>		
Aliquot #5:	Latitude: <u>33.55329088</u>	N Longitude <u>86.79724237</u>	W
	Media description: <u>same as #1</u>		

(b) (6)

ADDRESS:

PROPERTY ID:

#P0017

DATE:

2/20/13

ARRIVAL TIME:

0838

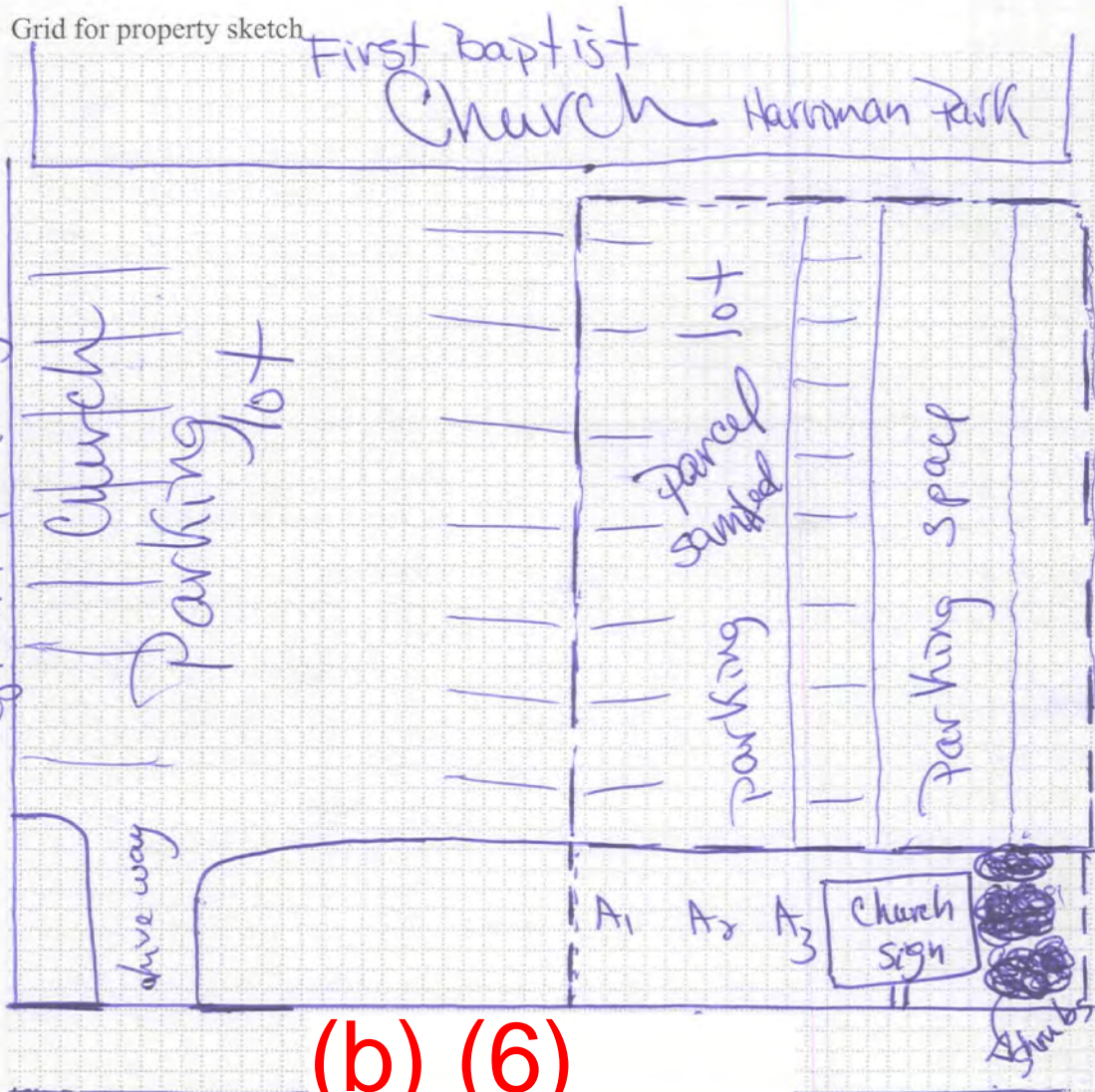
Other pertinent information (weather conditions, etc.):

39°F feels like 35°F, sunny; E 7 mph

PROPERTY COMMENTS:

Sample is part of First Baptist Church Harman Park; ~95% of the parcel is asphalt (church parking lot)
Dashed lines are our parcel (parcel sampled)

Grid for property sketch



(b) (6)

STATION ID: HP 027A SAMPLE ID: HP 027A-CS

SAMPLE COLLECTION TIME: 0841

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
front land scraping adjacent to church's sign

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 <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N			
Aliquot #1: Latitude:	<u>33.56665265</u>	N Longitude	<u>86.79337652</u> W
Media description:	<u>med brown silty clay damp</u>		
Aliquot #2 Latitude:	<u>33.56665468</u>	N Longitude	<u>86.79341788</u> W
Media description:	<u>Same as #1</u>		
Aliquot #3: Latitude:	<u>33.56665337</u>	N Longitude	<u>86.79345947</u> W
Media description:	<u>Same as #1</u>		
Aliquot #4: Latitude:	_____	N Longitude	_____ W
Media description:	_____		
Aliquot #5: Latitude:	_____	N Longitude	_____ 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:	_____		

(b) (6)

ADDRESS:

PROPERTY ID: HPO170

DATE:

9/21/13

ARRIVAL TIME:

0905

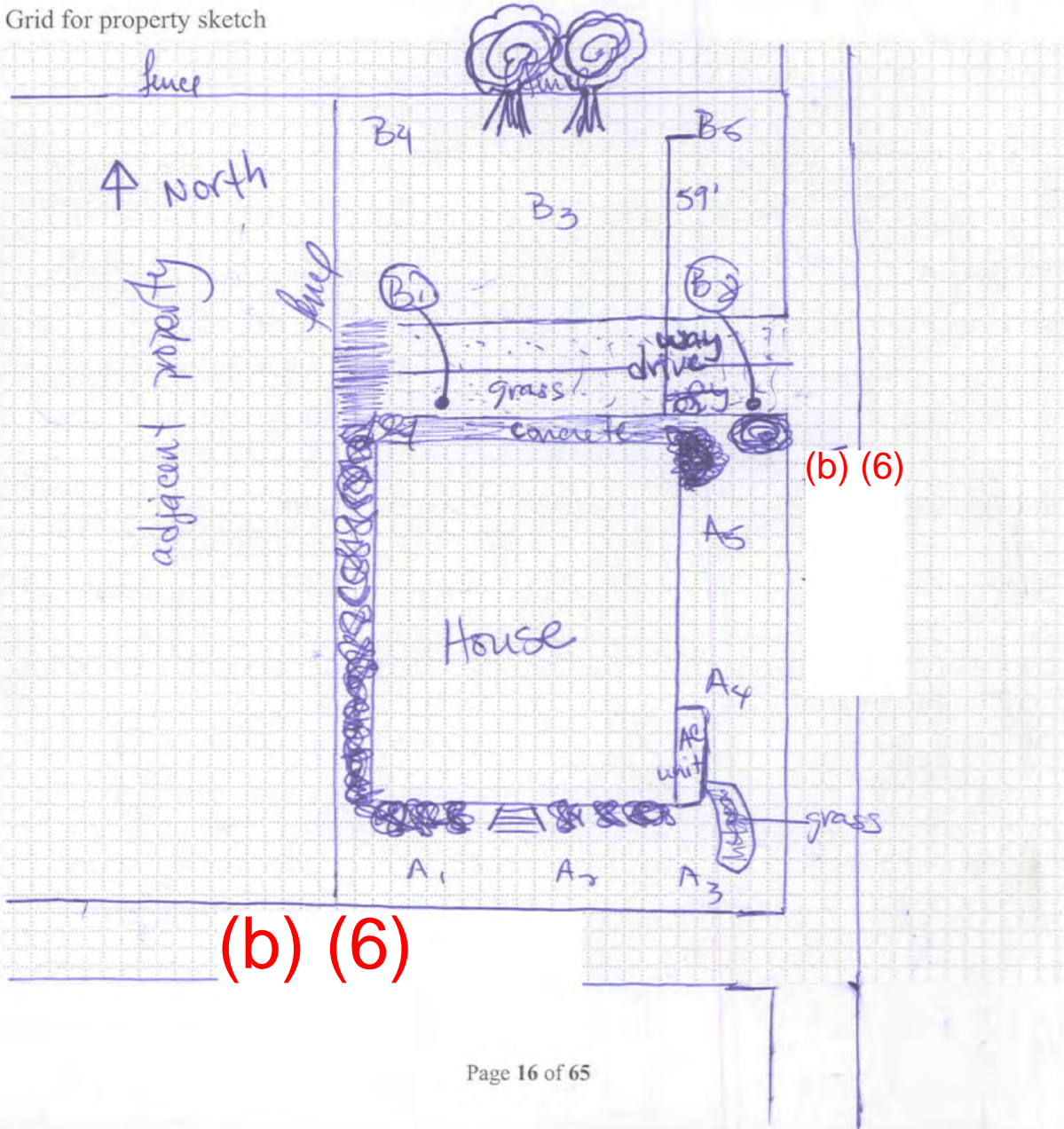
Other pertinent information (weather conditions, etc.):

42°F feels 39°F ; Sunny ; E 7 mph

PROPERTY COMMENTS:

STARLT advised owner of sample collection.

Grid for property sketch



STATION ID: HP0170A SAMPLE ID: HP0170A-CS

SAMPLE COLLECTION TIME: 0926

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
front / 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 <input checked="" type="checkbox"/>	Instrument #: <u>018574</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude: <u>med brown silty clay damp</u>	N Longitude: <u>damp</u>	W
Media description:	<u>33.56591451</u>	<u>86.79376830</u>	
Aliquot #2:	Latitude: <u>33.56588803</u>	N Longitude: <u>86.79372122</u>	W
Media description:	<u>reddish brown silty clay damp</u>		
Aliquot #3:	Latitude: <u>33.56591049</u>	N Longitude: <u>86.79370433</u>	W
Media description:	<u>same as #1</u>		
Aliquot #4:	Latitude: <u>33.56596706</u>	N Longitude: <u>86.79374399</u>	W
Media description:	<u>same as #1</u>		
Aliquot #5:	Latitude: <u>33.56604436</u>	N Longitude: <u>86.793703509</u>	W
Media description:	<u>same as #1</u>		

STATION ID: HP0170B SAMPLE ID: HP0170B-CS

SAMPLE COLLECTION TIME: 0934

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 <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude: <u>33.5661852</u>	N Longitude: <u>86.79374108</u>	W
Media description:	<u>sandy silt brown damp</u>		
Aliquot #2:	Latitude: <u>33.5661799</u>	N Longitude: <u>86.79375288</u>	W
Media description:	<u>med brown silty clay damp</u>		
Aliquot #3:	Latitude: <u>33.56617602</u>	N Longitude: <u>86.79370250</u>	W
Media description:	<u>same as #1</u>		
Aliquot #4:	Latitude: <u>33.56624580</u>	N Longitude: <u>86.79375377</u>	W
Media description:	<u>same as #2</u>		
Aliquot #5:	Latitude: <u>33.56624614</u>	N Longitude: <u>86.79375966</u>	W
Media description:	<u>same as #2</u>		

STATION ID: HP0143A SAMPLE ID: HP0143A-CS

SAMPLE COLLECTION TIME: 1010

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 #: 018594 Logged? or N

Aliquot #1: Latitude: 33.56485766 N Longitude 86.79041110 W

Media description: Med. Brown clayey SILT, trace sand, damp

Aliquot #2 Latitude: 33.56485670 N Longitude 86.79032386 W

Media description: Same as #1 + graveled slag stone w. coal

Aliquot #3: Latitude: 33.56487144 N Longitude 86.79035089 W

Media description: Same as #1 + graveled slag stone w. coal

Aliquot #4: Latitude: 33.56488834 N Longitude 86.79040585 W

Media description: Same as #1

Aliquot #5: Latitude: 33.56488488 N Longitude 86.79031958 W

Media description: Same as #1

STATION ID: HP0143B SAMPLE ID: HP0143B-CS

SAMPLE COLLECTION TIME: 10:18

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 #: 018594 Logged? or N

Aliquot #1: Latitude: 33.56505745 N Longitude 86.79040899 W

Media description: Med. Brown clayey SILT, trace sand, damp. w. slag + coal frags.

Aliquot #2 Latitude: 33.56505096 N Longitude 86.79032439 W

Media description: Same as #1

Aliquot #3: Latitude: 33.56510766 N Longitude 86.79037203 W

Media description: Same as #1

Aliquot #4: Latitude: 33.56517066 N Longitude 86.79041314 W

Media description: Same as #1

Aliquot #5: Latitude: 33.56516756 N Longitude 86.79031822 W

Media description: Same as #1

(b) (6)

ADDRESS:

PROPERTY ID: Fm0047

DATE:

2/21/13

ARRIVAL TIME:

1209

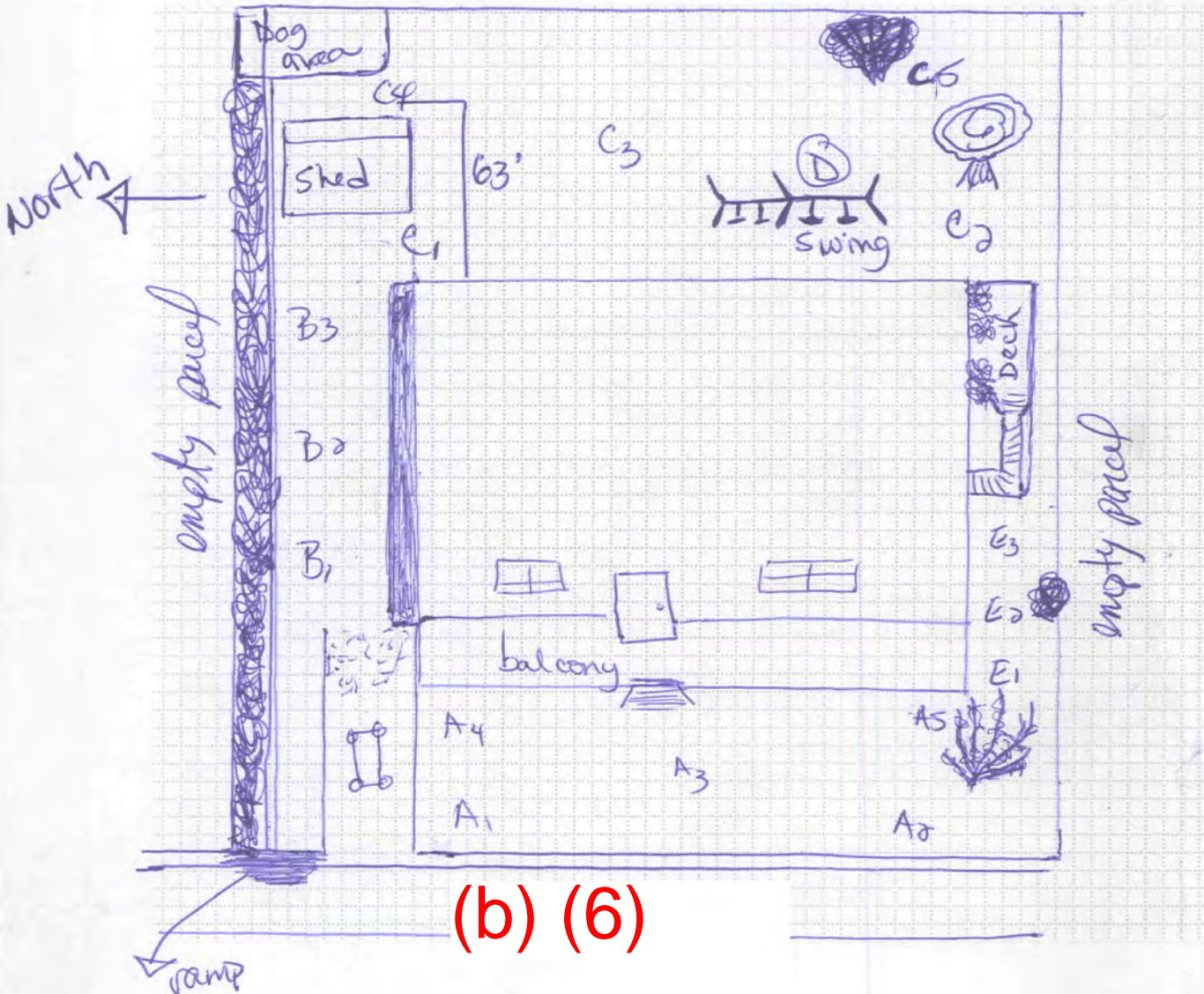
Other pertinent information (weather conditions, etc.):

59°F; sunny; ESE 8 mph

PROPERTY COMMENTS:

no resident at home while sample collection; swing at backyard (grab)

Grid for property sketch



STATION ID: FM0047A SAMPLE ID: FM0047A

SAMPLE COLLECTION TIME: 1241

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 <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N	
Aliquot #1: Latitude: <u>33.56327314</u> N Longitude: <u>86.81141897</u> W	Media description: <u>dark brown silty clay w/ coal frags. damp</u>
Aliquot #2: Latitude: <u>33.56319166</u> N Longitude: <u>86.81141692</u> W	Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56324876</u> N Longitude: <u>86.81140225</u> W	Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.56328526</u> N Longitude: <u>86.81138714</u> W	Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56319567</u> N Longitude: <u>86.81139399</u> W	Media description: <u>same as #1</u>

STATION ID: FM0047B SAMPLE ID: FM0047B-CS

SAMPLE COLLECTION TIME: 1248

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
side yard #1 (left side of house)

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 <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.56331624</u> N Longitude: <u>86.81129048</u> W	Media description: <u>Dark brown silty CLAY w/ coal fragments</u>
Aliquot #2: Latitude: <u>33.56331380</u> N Longitude: <u>86.81125659</u> W	Media description: <u>yellow/brown silty CLAY w/ coal fragments</u>
Aliquot #3: Latitude: <u>33.56334226</u> N Longitude: <u>86.81122100</u> W	Media description: <u>same as #2</u>
Aliquot #4: Latitude: _____ N Longitude: _____ W	Media description: _____
Aliquot #5: Latitude: _____ N Longitude: _____ W	Media description: _____

ADDRESS: **(b) (6)** PROPERTY ID: FM0047

DATE: 2/21/2013 ARRIVAL TIME: 1209

Other pertinent information (weather conditions, etc.):

cloudy

PROPERTY COMMENTS:

Refer to page 20

Grid for property sketch



STATION ID: FM0047 ~~A~~ C SAMPLE ID: FM0047A-CS

SAMPLE COLLECTION TIME: 1256

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

back ~~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 <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/>	Y or N
Aliquot #1:	Latitude: <u>33.56329222</u>	N Longitude: <u>86.81117478</u>	W	
Media description:	<u>Dark brown silty CLAY w/ coal fragments</u>			
Aliquot #2:	Latitude: <u>Dark brown</u>	N Longitude: <u>86.81117654</u>	W	
Media description:	<u>Same as #2 33.56320134</u>			
Aliquot #3:	Latitude: <u>33.56323621</u>	N Longitude: <u>86.81107224</u>	W	
Media description:	<u>Med. Brown silty CLAY, coal fragments, comp-</u>			
Aliquot #4:	Latitude: <u>33.56328936</u>	N Longitude: <u>86.81096653</u>	W	
Media description:	<u>Same as #3</u>			
Aliquot #5:	Latitude: <u>33.56318637</u>	N Longitude: <u>86.81099334</u>	W	
Media description:	<u>Same as #5</u>			

STATION ID: FM0047 ~~B~~ D SAMPLE ID: FM0047D-9S

SAMPLE COLLECTION TIME: 1304

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

side yard #2 (left side of house) grab under swing

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 <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/>	Y or N
Aliquot #1:	Latitude: <u>33.56323705</u>	N Longitude: <u>86.81116657</u>	W	
Media description:	<u>yellow brown silty clay w. coal frags.</u>			
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:	_____			

(b) (6)

ADDRESS:

PROPERTY ID:

FM0047

DATE:

2/21/13

ARRIVAL TIME:

1209

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Refer to page 20

Grid for property sketch

Refer to
page 20

STATION ID: FM0047E SAMPLE ID: FM0047E-CS

SAMPLE COLLECTION TIME: 1310

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
Side yard #2 (right of house)

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 [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? [<input checked="" type="checkbox"/>] or N			
Aliquot #1: Latitude: <u>33.56318412</u>	N Longitude: <u>86.81134298</u>		W
Media description: <u>dark brown silty clay w/ coal frags.</u>			
Aliquot #2 Latitude: <u>33.56318953</u>	N Longitude: <u>86.81130157</u>		W
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.56318698</u>	N Longitude: <u>86.81125783</u>		W
Media description: <u>same as #1</u>			
Aliquot #4: Latitude: _____	N Longitude: _____		W
Media description: _____			
Aliquot #5: Latitude: _____	N Longitude: _____		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: _____			

(b) (6)

ADDRESS:

PROPERTY ID:

CV0232

DATE:

2/21/13

ARRIVAL TIME:

1330

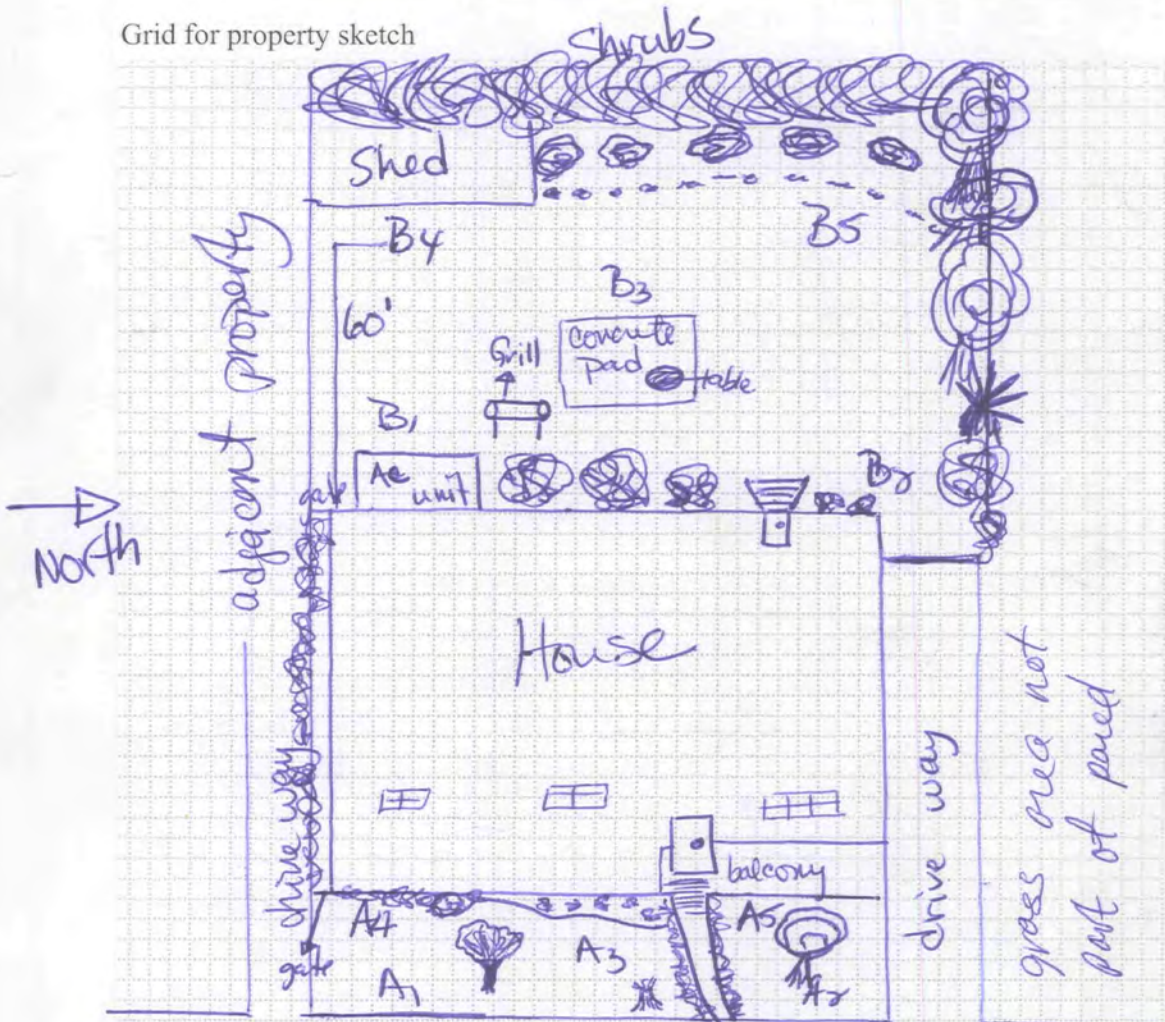
Other pertinent information (weather conditions, etc.):

60°F; cloudy; SE 12 mph

PROPERTY COMMENTS:

Resident advised.

Grid for property sketch



(b) (6)

STATION ID: CV0232A SAMPLE ID: CV0232A-CS

SAMPLE COLLECTION TIME: 1350

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 #: 018594 Logged? or N

Aliquot #1: Latitude: 33.55676465 N Longitude 86.80172990 W

Media description: Dark Brown silty CLAY, damp

Aliquot #2 Latitude: 33.55687175 N Longitude 86.80173124 W

Media description: Same as #1

Aliquot #3: Latitude: 33.55682071 N Longitude 86.80174781 W

Media description: Same as #1

Aliquot #4: Latitude: 33.55677807 N Longitude 86.80177294 W

Media description: Same as #1

Aliquot #5: Latitude: 33.55688436 N Longitude 86.80175809 W

Media description: Dark brown silty CLAY w/ coal fragments.

STATION ID: CV0232B SAMPLE ID: CV0232B-CS

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 #: 018594 Logged? or N

Aliquot #1: Latitude: 33.55680094 N Longitude 86.80695525 W

Media description: Dark brown silty clay w./coal frags damp

Aliquot #2 Latitude: 33.55691781 N Longitude 86.80193169 W

Media description: Same as #1

Aliquot #3: Latitude: 33.55685073 N Longitude 86.80201775 W

Media description: Same as #1

Aliquot #4: Latitude: 33.55679863 N Longitude 86.8020740 W

Media description: Same as #1

Aliquot #5: Latitude: 33.55690862 N Longitude 86.80207902 W

Media description: Same as #1

(b) (6)

ADDRESS:

PROPERTY ID:

C00064

DATE:

2/21/13

ARRIVAL TIME:

1410

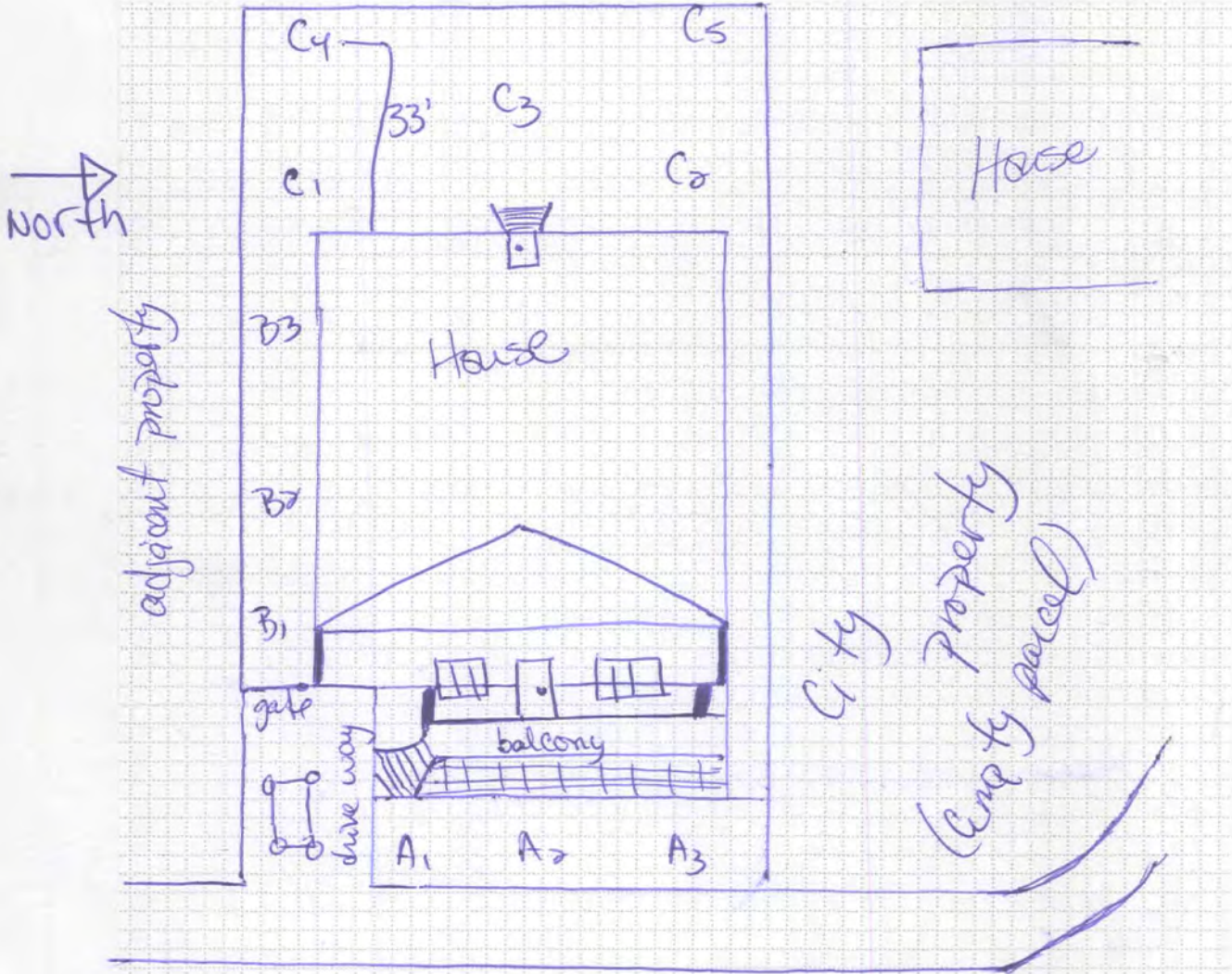
Other pertinent information (weather conditions, etc.):

60°F ; cloudy ; SE 12mph

PROPERTY COMMENTS:

Resident advised of sample collection.

Grid for property sketch



STATION ID: CU0264A SAMPLE ID: CU0264A-CS

SAMPLE COLLECTION TIME: 1437

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 <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N			
Aliquot #1: Latitude: <u>33.55687189</u>	N Longitude	<u>86.80285869</u>	W
Media description: <u>Brown silty CLAY, damp.</u>			
Aliquot #2 Latitude: <u>33.55690410</u>	N Longitude	<u>86.80287995</u>	W
Media description: <u>Same as #1</u>			
Aliquot #3: Latitude: <u>33.55693829</u>	N Longitude	<u>86.80286063</u>	W
Media description: <u>Same as #1</u>			
Aliquot #4: Latitude: _____	N Longitude	_____	W
Media description: _____			
Aliquot #5: Latitude: _____	N Longitude	_____	W
Media description: _____			

STATION ID: CU0264B SAMPLE ID: CU0264B-CS

SAMPLE COLLECTION TIME: 1445

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

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 <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? Y or <input checked="" type="checkbox"/> N			
Aliquot #1: Latitude: <u>33.55682849</u>	N Longitude	<u>86.80294891</u>	W
Media description: <u>grey silty sand</u>			
Aliquot #2 Latitude: <u>33.55682540</u>	N Longitude	<u>86.80300909</u>	W
Media description: <u>dark brown silty clay w/coal frags damp</u>			
Aliquot #3: Latitude: <u>33.55682425</u>	N Longitude	<u>86.80307222</u>	W
Media description: <u>med brown silty clay</u>			
Aliquot #4: Latitude: _____	N Longitude	_____	W
Media description: _____			
Aliquot #5: Latitude: _____	N Longitude	_____	W
Media description: _____			

(b) (6)

ADDRESS:

PROPERTY ID:

C100364

DATE:

2/21/2013

ARRIVAL TIME:

1410

Other pertinent information (weather conditions, etc.):

60° F; cloudy; SE 12 mph

PROPERTY COMMENTS:

Refer to Page 28

Grid for property sketch

Refer to page 28

STATION ID: CVOX 264C SAMPLE ID: CVO 264C-CS

SAMPLE COLLECTION TIME: 1454

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 <input checked="" type="checkbox"/>	Instrument #: <u>081594</u>	Logged? <input checked="" type="checkbox"/>	Y or N
Aliquot #1: Latitude: <u>33.55684121</u>	N Longitude: <u>86.80312578</u>		W
Media description: <u>Bro^o dark brown silty clay damp w/coal frags damp</u>			
Aliquot #2: Latitude: <u>33.55693209</u>	N Longitude: <u>86.80311611</u>		W
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.55689353</u>	N Longitude: <u>86.803116143</u>		W
Media description: <u>same as #1</u>			
Aliquot #4: Latitude: <u>33.55684530</u>	N Longitude: <u>86.80320908</u>		W
Media description: <u>brown silt clay</u>			
Aliquot #5: Latitude: <u>33.55692862</u>	N Longitude: <u>86.80321589</u>		W
Media description: <u>same as #1</u>			

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: _____		

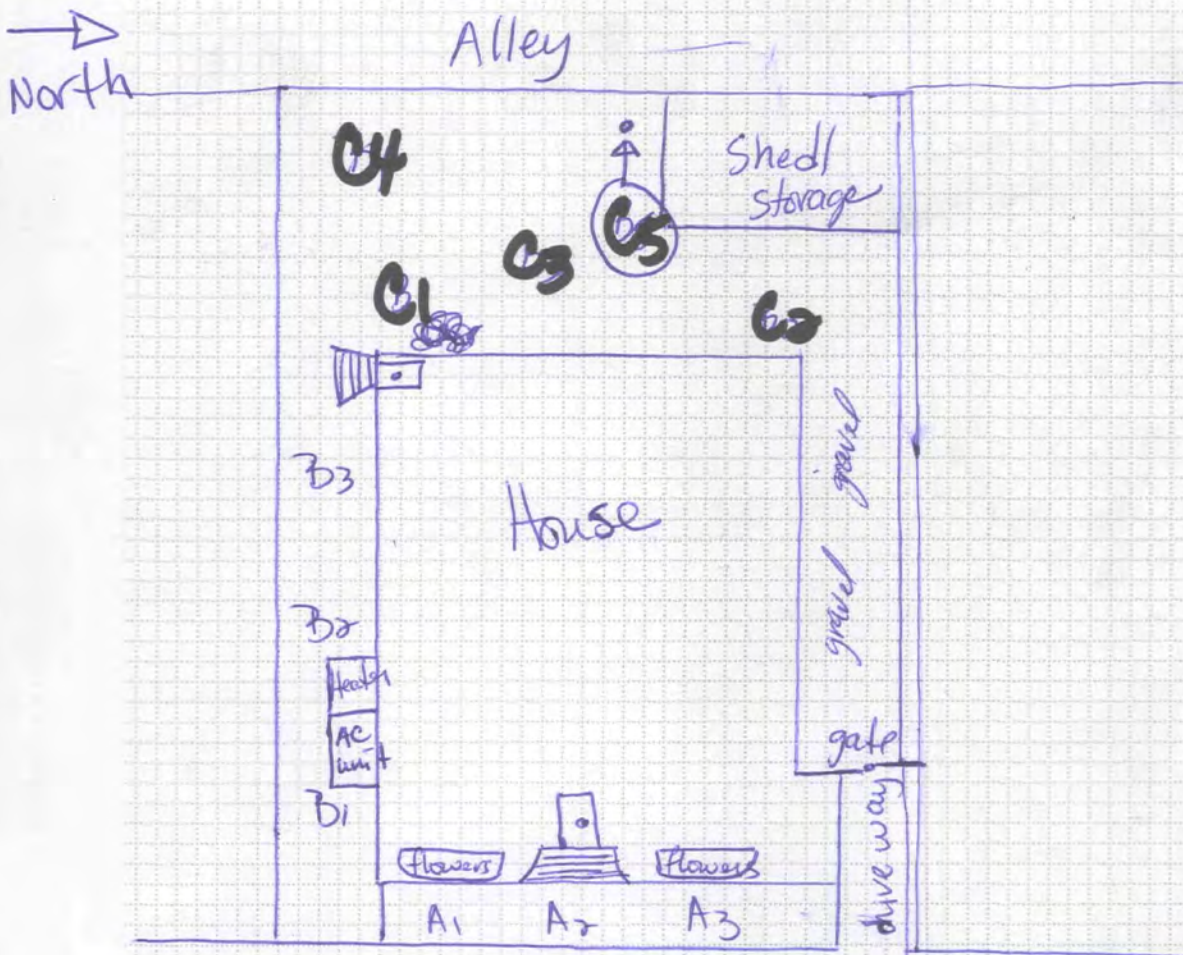
ADDRESS: **(b) (6)** PROPERTY ID: CV0104

DATE: 02/12/03 ARRIVAL TIME: 1513

Other pertinent information (weather conditions, etc.):
61°F; cloudy; SE 9 mph

PROPERTY COMMENTS:
Resident advised of sample collection.

Grid for property sketch



(b) (6)

STATION ID: CVO104A SAMPLE ID: CVO104A-CS

SAMPLE COLLECTION TIME: 15:35

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 [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? [<input checked="" type="checkbox"/>] or N
Aliquot #1: Latitude: <u>33.55876265</u> N Longitude <u>86.80501553</u> W
Media description: <u>Med Brown silty CLAY.</u>
Aliquot #2: Latitude: <u>33.55880490</u> N Longitude <u>86.80502870</u> W
Media description: <u>Dark^{to} Brown silty CLAY.</u>
Aliquot #3: Latitude: <u>33.55885228</u> N Longitude <u>86.80501383</u> W
Media description: <u>Same as #2</u>
Aliquot #4: Latitude: _____ N Longitude _____ W
Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W
Media description: _____

STATION ID: CVO104B SAMPLE ID: CVO104B-CS

SAMPLE COLLECTION TIME: 1545

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

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 [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? [<input checked="" type="checkbox"/>] or N
Aliquot #1: Latitude: <u>33.55875645</u> N Longitude <u>86.80510279</u> W
Media description: <u>Dark brown silty CLAY.</u>
Aliquot #2: Latitude: <u>33.55875838</u> N Longitude <u>86.80516039</u> W
Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55876171</u> N Longitude <u>86.80522256</u> W
Media description: <u>Same as #1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W
Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W
Media description: _____

(b) (6)

ADDRESS:

PROPERTY ID:

CW0104

DATE:

2/21/13

ARRIVAL TIME:

1513

Other pertinent information (weather conditions, etc.):

61° F + cloudy

PROPERTY COMMENTS:

Refer to page 32

Grid for property sketch

Refer to page 32

STATION ID: CVO104 C SAMPLE ID: CVO104C-CS

SAMPLE COLLECTION TIME: 1546

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 [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55876558</u> N Longitude: <u>86.80527872</u> W Media description: <u>Dark brown clayey SILT of coal fragment</u>
Aliquot #2: Latitude: <u>33.55884738</u> N Longitude: <u>86.80527047</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55880718</u> N Longitude: <u>86.80531614</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55876480</u> N Longitude: <u>86.80535437</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.55882604</u> N Longitude: <u>86.80533755</u> W Media description: <u>Same as #1</u>

~~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: (b) (6)

PROPERTY ID: #P0158

DATE: 2/22/2013

ARRIVAL TIME: 0820

Other pertinent information (weather conditions, etc.):

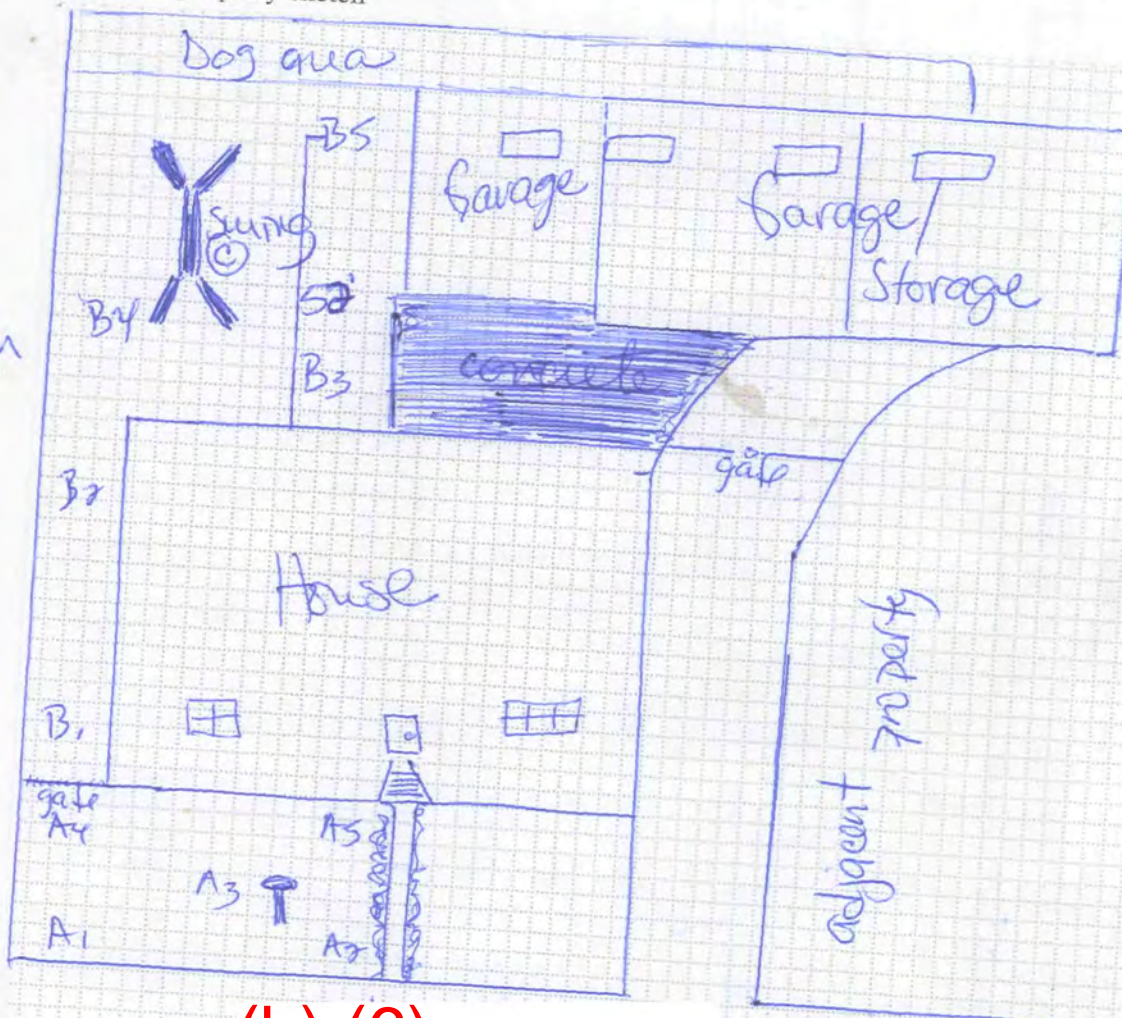
50°F; cloudy; SE 1 mph

PROPERTY COMMENTS:

Resident advised

Grid for property sketch

North



(b) (6)

STATION ID: HP0158A SAMPLE ID: HP0158A-CS

SAMPLE COLLECTION TIME: 08:30

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 <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude: <u>33.56581876</u>	N Longitude: <u>86.79475716</u>	W
	Media description:	<u>dark brown silty clay damp w/ coal fragments</u>	
Aliquot #2:	Latitude: <u>33.56582279</u>	N Longitude: <u>86.79467726</u>	W
	Media description:	<u>same as #1</u>	
Aliquot #3:	Latitude: <u>33.56579529</u>	N Longitude: <u>86.79471642</u>	W
	Media description:	<u>same as #1</u>	
Aliquot #4:	Latitude: <u>33.56576403</u>	N Longitude: <u>86.79467726</u>	W
	Media description:	<u>same as #1</u>	
Aliquot #5:	Latitude: <u>33.56582279</u>	N Longitude: <u>86.79467726</u>	W
	Media description:	<u>same as #1</u>	

STATION ID: HP0158B SAMPLE ID: HP0158B-CS

SAMPLE COLLECTION TIME: 08:40

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

side/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 <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude: <u>33.56571715</u>	N Longitude: <u>86.79467548</u>	W
	Media description:	<u>dark brown sandy silty clay.</u>	
Aliquot #2:	Latitude: <u>33.56563333</u>	N Longitude: <u>86.79467193</u>	W
	Media description:	<u>Same as #1</u>	
Aliquot #3:	Latitude: <u>33.56558106</u>	N Longitude: <u>86.79472569</u>	W
	Media description:	<u>Same as #1</u>	
Aliquot #4:	Latitude: <u>33.56554362</u>	N Longitude: <u>86.79467213</u>	W
	Media description:	<u>Same as #1</u>	
Aliquot #5:	Latitude: <u>33.56549848</u>	N Longitude: <u>86.79471205</u>	W
	Media description:	<u>Same as #1</u>	

(b) (6)

ADDRESS: _____

PROPERTY ID: _____

HP0158

DATE: _____

2/22/2013

ARRIVAL TIME: _____

0800

Other pertinent information (weather conditions, etc.):

50°F; cloudy;

PROPERTY COMMENTS:

Refer to page 36

Grid for property sketch

Refer to page
36

STATION ID: HP0158C SAMPLE ID: HP0158C-85

SAMPLE COLLECTION TIME: 0844

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

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 <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N	
Aliquot #1: Latitude: <u>33.50556300</u> N Longitude: <u>86.79469197</u> W	
Media description: <u>Dark brown sandy silty CLAY</u>	
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: HP0158B (B) SAMPLE ID: HP0~~

~~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: _____	

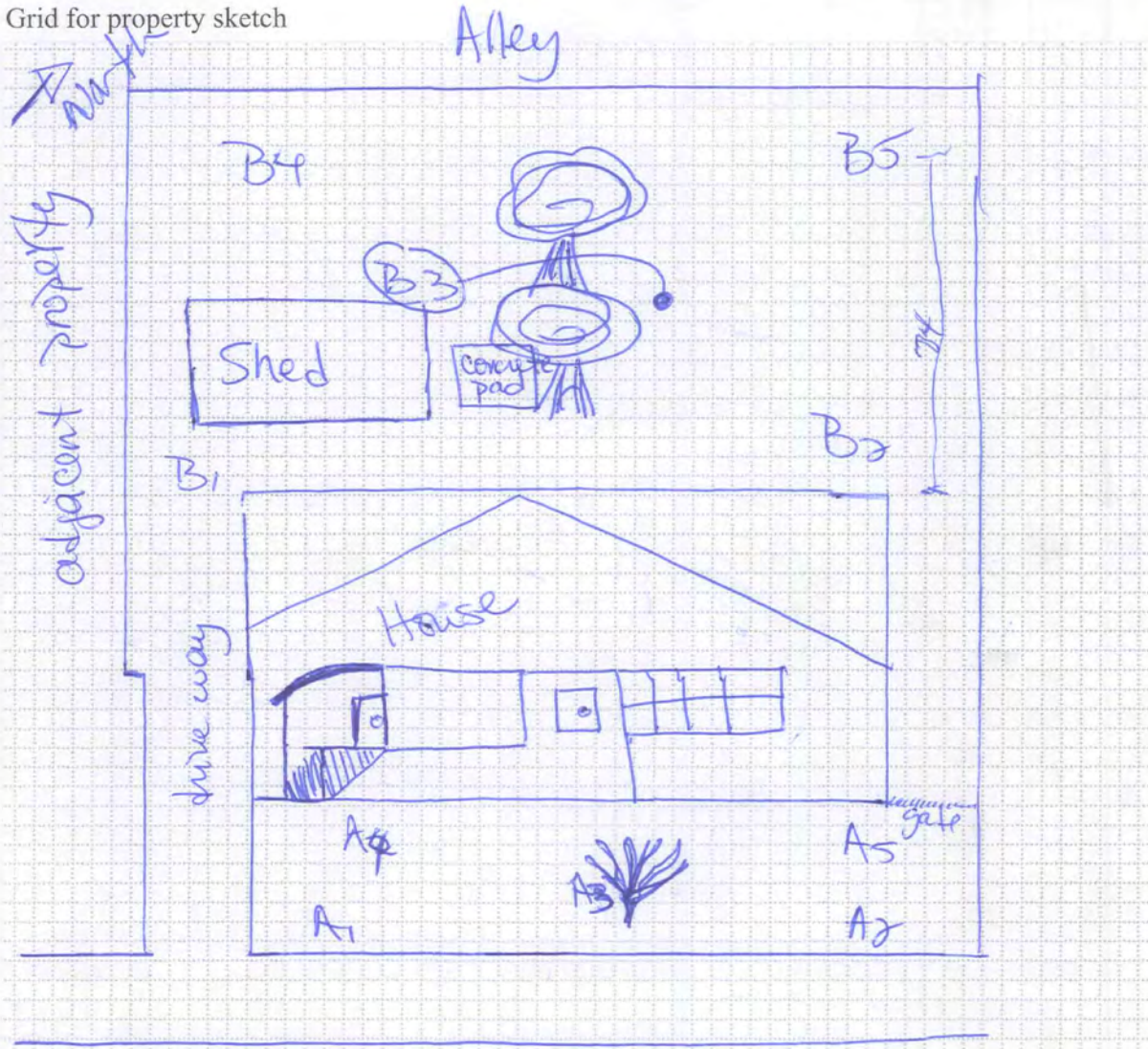
ADDRESS: **(b) (6)** PROPERTY ID: CUG657

DATE: 2/22/13 ARRIVAL TIME: 0905

Other pertinent information (weather conditions, etc.):
30°F; cloudy; no wind

PROPERTY COMMENTS:
Resident advised of sample collection.

Grid for property sketch



STATION ID: CU0657A SAMPLE ID: CU0657A-CS

SAMPLE COLLECTION TIME: 0915

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 <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? Y or <u>N</u>
Aliquot #1: Latitude: <u>33.55951217</u>	N Longitude: <u>86.80081089</u>	W
Media description: <u>dark brown silty clay damp</u>		
Aliquot #2: Latitude: <u>33.55956263</u>	N Longitude: <u>86.80082215</u>	W
Media description: <u>same as #1</u>		
Aliquot #3: Latitude: <u>33.55954415</u>	N Longitude: <u>86.80087535</u>	W
Media description: <u>Same as #1</u>		
Aliquot #4: Latitude: <u>33.55956263</u>	N Longitude: <u>86.80082215</u>	W
Media description: <u>Same as #1</u>		
Aliquot #5: Latitude: <u>33.55958380</u>	N Longitude: <u>86.80085034</u>	W
Media description: <u>Same as #1</u>		

STATION ID: CU0657B SAMPLE ID: CU0657B-CS

SAMPLE COLLECTION TIME: 0923

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 <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <u>Y</u> or <u>N</u>
Aliquot #1: Latitude: <u>33.55960110</u>	N Longitude: <u>86.80106481</u>	W
Media description: <u>dark brown silty clay damp</u>		
Aliquot #2: Latitude: <u>33.55968155</u>	N Longitude: <u>86.80090167</u>	W
Media description: <u>same as #1</u>		
Aliquot #3: Latitude: <u>33.55970452</u>	N Longitude: <u>86.80109446</u>	W
Media description: <u>Same as #1</u>		
Aliquot #4: Latitude: <u>33.55972385</u>	N Longitude: <u>86.80121931</u>	W
Media description: <u>same as #1</u>		
Aliquot #5: Latitude: <u>33.55981032</u>	N Longitude: <u>86.80112767</u>	W
Media description: <u>same as #1</u>		

(b) (6)

ADDRESS: _____ PROPERTY ID: CW0584

DATE: 2/28/13 ARRIVAL TIME: 0942

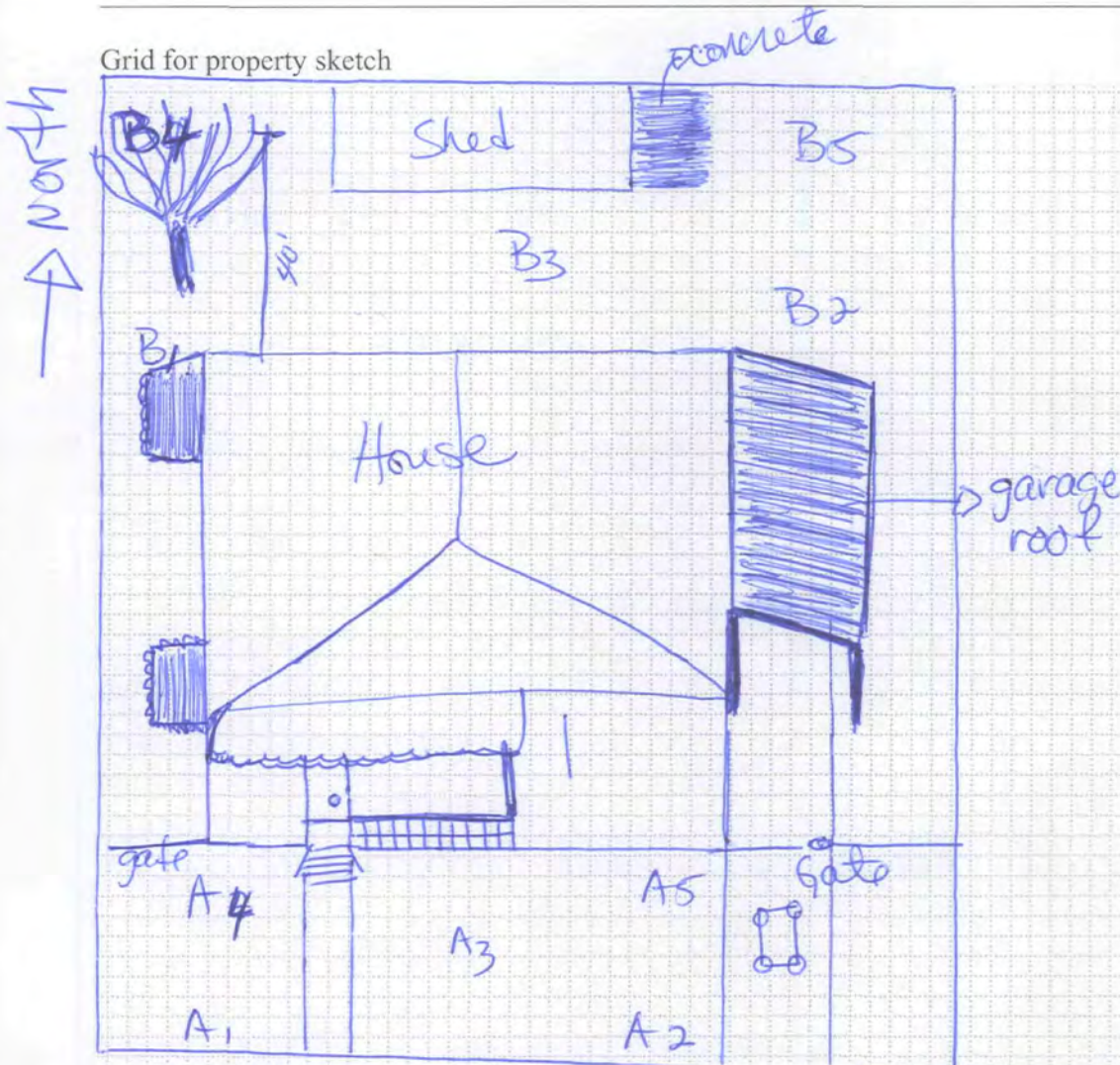
Other pertinent information (weather conditions, etc.):

50°F; cloudy; E 5 mph

PROPERTY COMMENTS:

Resident advised of sample collection.

Grid for property sketch



(b) (6)

STATION ID: CU0584A SAMPLE ID: CU0584A-CS

SAMPLE COLLECTION TIME: 0950

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 [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.56027647</u> N Longitude <u>86.80369980</u> W Media description: <u>Dark brown silty clay, damp</u>
Aliquot #2: Latitude: <u>33.56027468</u> N Longitude <u>86.80360829</u> W Media description: <u>Dark brown silty clay, damp</u>
Aliquot #3: Latitude: <u>33.56031099</u> N Longitude <u>86.80365987</u> W Media description: <u>Dark brown silty clay, damp</u>
Aliquot #4: Latitude: <u>33.56035315</u> N Longitude <u>86.80370867</u> W Media description: <u>Dark brown silty clay, damp</u>
Aliquot #5: Latitude: <u>33.56035211</u> N Longitude <u>86.80360414</u> W Media description: <u>Dark brown silty clay, damp</u>

STATION ID: CU0584B SAMPLE ID: CU0584B-CS

SAMPLE COLLECTION TIME: 0955

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 [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.56049622</u> N Longitude <u>86.80368891</u> W Media description: <u>Brown silty CLAY, damp.</u>
Aliquot #2: Latitude: <u>33.56047812</u> N Longitude <u>86.80354399</u> W Media description: <u>Dark brown silty CLAY, wet silt gravel.</u>
Aliquot #3: Latitude: <u>33.56052493</u> N Longitude <u>86.80363376</u> W Media description: <u>Same as #2</u>
Aliquot #4: Latitude: <u>33.56058834</u> N Longitude <u>86.80369683</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.56058759</u> N Longitude <u>86.80355988</u> W Media description: <u>Same as #2</u>

ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

End of
this logbook
by
[Signature]

The remaining pages in this logbook are
blank and have not been scanned.