

## United States Environmental Protection Agency Region 4





#### 35<sup>TH</sup> AVENUE REMOVAL INVESTIGATION BIRMINGHAM, ALABAMA JEFF CROWLEY, ON-SCENE COORDINATOR

#### FIELD SAMPLING LOGBOOK

Book \_\_\_\_\_ of \_\_\_\_\_

Inclusive Dates: 11 13 2017

List of Sampling Team in logbook:

Name

Initials

**Organization/Duties** 

(b

OTIE ,Team Leader OTIF

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## General Soil Descriptions

Color	Abbv
Black	blk
Brown	bwn
Light Brown	lt/bwn
Dark Brown	dk/bwn
Gray	gry
Light Gray	lt/gry
Olive Gray	olv/gry
Greenish Gray	grn/gry
Dark Gray	dk/gry
Tan	tn
Light Tan	lt/tn
Orange	Org
Red	Rd

Soils	Abbv
Clay	CL
Sandy Clay	sndy CL
Silty Clay	slty CL
Sand	Snd
Silty Sand	slty Snd
Silt	slt
Grass	grs
Organic	Org

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Sizes	Abbv
Coarse	С
Coarse to medium	c-m
Coarse to fine	c-f
Medium to fine	m-f
Fine	f

Texture	Abbv
Hard	hrd
Dry	Dry
brittle	brt
Stiff	stf
Very Stiff	vry stf
soft	sft
Very Soft	vry sft
Damp	dmp
Wet	wt
Wet	wt

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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 ≤ ¼acre - 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 34<sup>th</sup> 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) PROPERTY ID: FM 0209 ADDRESS: 111-DATE: Other pertinent information (weather conditions, etc.): @, 54°F Sunny **PROPERTY COMMENTS:** \*Two drive ways \* drainage area north of side yard -D a grab sample will be collected Grid for property sketch North inclination ď terrain Ð Ivainage area cenante Bachyard Whe way continues Side yard from anind <u>1</u>9' 19' 171 축 Ū 田 brive would vant yard ine way 50 19' ጉ 5 6 D

FM	TH1
STATION ID	SAMPLE ID 309 A-CS
SAMPLE COLLECTION TIME:	
Description of sample location (front, back, side yar	d; vegetable garden; play set; ditch, etc):
front youd	
Collection: Composite or Grab	MS/MSD? Y or N
Field Duplicate or Split: No If yes, indicate D	uplicate/split sample station ID:
GPS Coordinates: Trimble [ ] Instrument #: 02(	
Aliquot #1: Latitude: 33, 57029606	N Longitude 86,80374882 W
Media description: Dark Brown & Hy:	ŝo <u>`</u> l
Aliquot #2 Latitude: 33.57031861	N Longitude <b>86.80375049</b> W
Media description: Dark Brown Silty	Soi
Aliquot #3: Latitude: 33.57031637	N Longitude 86,80371555 W
Media description: Dask Brown Silly So	:1 & small coal Pices
Aliquot #4: Latitude: 33.57029186	N Longitude <b>86,80367351</b> W
Media description: Dark Brown SHY	50:18 Small carl freyments N Longitude 86,80367346W
Aliquot #5: Latitude: 33, 5703 4085	N LongitudeW
Media description: Dark Brows.	14 Soil & Small Coal fragments
	<u> </u>
STATIONID: FM 0209	sample id: <u>FM0709B-</u> CS
STATION ID: FM 0709 SAMPLE COLLECTION TIME: 1533	sample id: <u>FM0709B-</u> CS
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<sub>ADDRESS: _</sub> (b) (6)	PROPERTY ID: FM0309
DATE: 11(13) DOLD ARRIVAL	тіме: 1415
Other pertinent information (weather conditions, etc.): Refer to Page 6	
PROPERTY COMMENTS: Refer to page 6	· ·

Grid for property sketch

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Same Refer to Page G

FM 0709	
STATION ID: 00 + W 509 D	SAMPLE ID: F-MODO9C-CS
SAMPLE COLLECTION TIME: Back yard	7 1545
Description of sample location (front, back, side vard; vegetable	e garden; play set; ditch, etc):
Collection: Composite or Grab	MS/MSD? Y or
Field Duplicate or Split: 🔗 or 6 If yes, indicate Duplicate/split	sample station ID:
GPS Coordinates: Trimble [1] Instrument #: 020168	Logged? Y or N
Aliquot #1: Latitude: 33, 57054578 N Lon	i i i
Media description:dusk brown silty s	61
Aliquot #2 Latitude: 33,5705149 N Lon	ginde <u>86.80377468</u> w
Media description: dark bown Silty Soj	
Aliquot #3: Latitude: 33.57057536 N Lon	ginde <u>86.80374319</u> W
Media description: <u>dark brawn Silty</u>	5011
	ginde <u>86.80369450</u> w
Media description: day K brown Silt Soj	
Aliquot #5: Latitude: 33,57060734 N Lon	ginude <u>86. 865 / 4754</u> W
Media description: dask brown silty soil	
STATIONID: FM0009	SAMPLE ID: FM 0209 D-GT
SAMPLE COLLECTION TIME: $1537$	
Description of sample location (front, back, side yard; vegetable	e garden; play set; ditch, etc):
Drangel	
Collection: Composite or Grab	MS/MSD? Y or
	1 12 1 Child Charles MA
Field Duplicate or Split:       Yes       or       If yes, indicate Duplicate/split         GPS Coordinates:       Trimble []       Instrument #:       020168	
Ç.	Logged? 1 of N ginudeW
Media description: <u>Orange clay t silty soi</u>	and boun
Aliquot #2 Latitude:N Lon	
Media description:	
Aliquot #3: Latitude:N Lon	
Media description:	
Aliquot #4: Latitude:N Lon	
Media description:	
Aliquot #5: Latitude:N Lon	
Media description:	

(b) (6) ADDRESS: \_\_\_\_\_PROPERTY ID: \_\_\_\_\_ DATE: 11/14/12 ARRIVAL TIME: 0855 Other pertinent information (weather conditions, etc.): cionoy 44°F PROPERTY COMMENTS: 1 Grid for property sketch GATENE DAINEWAY Huse

STATION 10:	SAMPLE ID:	
SAMPLE COLLECTION TIME:		
Description of sample location (front, back, side ya		•):
	n af regenisie gin dent praf seri anen, ere	/-
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:	<u></u>	
Aliquot #5: Latitude:	N Longitude	W
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Media description:		
Media description:	SAMPLE ID:	
	$\backslash$	
STATION ID:		
STATION ID:SAMPLE COLLECTION TIME:		
STATION ID:SAMPLE COLLECTION TIME:		):
STATION ID: SAMPLE COLLECTION TIME: Description of sample location (front, back, side y:  Collection: Composite or Grab	rd; vegetable <sub>\</sub> garden: play set; ditch. etc MS/MSD? Y	): or N
STATION ID:         SAMPLE COLLECTION TIME:         Description of sample location (front, back, side y:         Collection:         Collection:         Composite         or         Grab         Field Duplicate or Split:         Yes       No         If yes, indicate	urd; vegetable,garden: play set; ditch. etc MS/MSD? Y Duplicate/split sample station ID:	): or N
STATION ID:         SAMPLE COLLECTION TIME:         Description of sample location (front, back, side y:         Collection:         Collection:         Composite         or         Grab         Field Duplicate or Split:         Yes       or         If yes, indicate         GPS Coordinates:         Trimble [         Instrument #:	urd: vegetable,garden: play set; ditch. etc MS/MSD? Y Duplicate/split sample station ID: Logged? Y or	): or N N
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STATION ID:         SAMPLE COLLECTION TIME:         Description of sample location (front, back, side y:	Duplicate/split sample station ID:	): or N
STATION ID:         SAMPLE COLLECTION TIME:         Description of sample location (front, back, side y:         Description:         Collection:       Composite         Or       Grab         Field Duplicate or Split:       Yes         GPS Coordinates:       Trimble []         Instrument #:	Duplicate/split sample station ID:	): or N W
STATION ID:         SAMPLE COLLECTION TIME:         Description of sample location (front, back, side y:         Description:         Collection:       Composite         Or       Grab         Field Duplicate or Split:       Yes or No If yes, indicate         GPS Coordinates:       Trimble [] Instrument #:         Aliquot #1:       Latitude:         Media description:	Ind: vegetable/garden: play set; ditch. etc         MS/MSD? Y         Duplicate/split sample station ID:	): or N NW
STATION ID:         SAMPLE COLLECTION TIME:         Description of sample location (front, back, side y:         Description of sample location (front, back, side y:         Collection:       Composite         Collection:       Composite         Collection:       Composite         Gescription:       No         If yes, indicate         GPS Coordinates:       Trimble []         Instrument #:	Ind: vegetable <sub>s</sub> garden: play set; ditch. etc MS/MSD? Y Duplicate/split sample station ID: Logged? Y or N Longitude N Longitude	): or N W W W
STATION ID:         SAMPLE COLLECTION TIME:         Description of sample location (front, back, side y:         Description of sample location (front, back, side y:         Collection:       Composite         Collection:       Composite         Collection:       Composite         Gescription:       No         If yes, indicate         GPS Coordinates:       Trimble []         Instrument #:	nrd; vegetablegarden: play set; ditch. etc MS/MSD? Y Duplicate/split sample station ID: Logged? Y or N Longitude N Longitude N Longitude	): or N W
STATION ID:         SAMPLE COLLECTION TIME:         Description of sample location (front, back, side y:         Description of sample location (front, back, side y:         Collection:       Composite         Collection:       Composite         Collection:       Composite         Gescription:       No         If yes, indicate         GPS Coordinates:       Trimble []         Instrument #:	ord; vegetable/garden: play set; ditch. etc         MS/MSD? Y         Duplicate/split sample station ID:	): or N W W W W

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ADDRESS: (b) (6) PROPERTY ID: FMØ210 DATE: 0/14/12 ARRIVAL TIME: 0855 Other pertinent information (weather conditions, etc.): Curray 44°F **PROPERTY COMMENTS:** BALK JAME FENCED IN AND LOULED IN DOES + LIVESTOCIL (FREE RANGE) Grid for property sketch Contros operanty BI ond B4 NETE PAS AS AY 24 22 c 22 B3 503 805 2 32'6 82 BS C4 35'7 13 12 EDGE OF TREC House 218 C 12 c3 House 6'6 32'2 0 A2 AI CS 61 1 4212 FORCESIN BACK JAND MLIVESTOCIC LOCKED X × X N

STATION ID: FM 0210A	SAMPLE ID: FM 0210A - CS	
	SAMPLE ID:	
SAMPLE COLLECTION TIME: 0919	,	
Description of sample location (front, back, side ya	rd; vegetable garden; play set; ditch, etc):	
GLASS FARLY FLAT, NO OBSERVED DA	ANALE PATIENNS	
Collection: Composite or Grab	<b>MS/MSD?</b> Y or $\mathbb{N}$	
Field Duplicate or Split: Yes or No If yes, indicate I		
GPS Coordinates:         Trimble [/]         Instrument #:         02.3           Aliquot #1:         Latitude:         33.57044691         1	Logged? Of or N	
Aliquot #1: Latitude: 33.57044691	N Longinude 33 570++64+ 86 .8035 0869	W
Media description: UK BWN, CL ASL	T, DMP When FRAGmants	
Aliquot #2 Latitude: 33.57.44683	N Longitude 86.80350001	W
Media description: <u>DK 8WN, CL ASE</u>	T, UmP informe FRAGMENTS	
Aliquot #3: Latitude:	N Longitude	W
Media description: DK 3WN, CL ASLT	N Longinude - DAP Acut Fracmaris	
Aliquot #4: Latitude:	N Longitude	V
Media description: OR4 CL MSLT, Pours	W WAR FRAGMEN TS	
Aliquot #5: <i>Latitude</i>	N Longitude	V
Aliquot #5: Latitude: Media description: <u>DR4 &amp; UMSLT</u> Prof STATION ID: <u>France 2103</u> SAMPLE COLLECTION TIME: <u>0950</u> Description of sample location (front, back, side yas	SAMPLE ID: FM02108-CS	
STATION ID: France 2103	SAMPLE ID: デルの210 B - くら rd; vegetable garden; play set; ditch, etc):	
STATION ID: FM 0210B SAMPLE COLLECTION TIME: 0950 Description of sample location (front, back, side yan GRASS SWFED TO HOWSE NO USSENTON	SAMPLE ID: デルの210 B - くら rd; vegetable garden; play set; ditch, etc):	
STATION ID: Fred 2103 SAMPLE COLLECTION TIME: 0950 Description of sample location (front, back, side yar GEASS SLOPED To Howse NO UBSCON ON A Collection: Composite or Grab Field Duplicate or Split: Yes or No If yes, indicate E	SAMPLE ID: <u>FM02108-CS</u> rd; vegetable garden; play set; ditch, etc): <i>DMAN Aci: MATTERNS</i> MS/MSD?: Y or N Duplicate/split sample station ID:	
STATION ID: Fred 2103 SAMPLE COLLECTION TIME: 0950 Description of sample location (front, back, side yar Genss Surfed to House No Uscenton of Collection: Composite or Grab Field Duplicate or Split: Yes or No If yes, indicate D GPS Coordinates: Trimble [V] Instrument #: 020	SAMPLE ID: FM02108-CS rd; vegetable garden; play set; ditch, etc): ONANN ACCE MATTERNS MS/MSD? Y or N Duplicate/split sample station ID: Logged? Y or N	
STATION ID: $Fm \partial \Sigma i o B$ SAMPLE COLLECTION TIME: $0 950$ Description of sample location (front, back, side yas GEASS SLOPED To House NO DESCRIPTION OF Collection: Composite or Grab Field Duplicate or Split: Yes or No If yes, indicate E GPS Coordinates: Trimble [V] Instrument #: 0200 Aliquot #1: Latitude: <b>33</b> . 57027839	SAMPLE ID: FM02108-CS rd; vegetable garden; play set; ditch, etc): DMAN Act MATTERNS MS/MSD?: Y or N Duplicate/split sample station ID: Construct of N N Longitude & & & & & & & & & & & & & & & & & & &	
STATION ID: $Fm \partial \Sigma i o B$ SAMPLE COLLECTION TIME: $0 950$ Description of sample location (front, back, side yas GEASS SLOPED To Honse NO Descended of Collection: Composite or Grab Field Duplicate or Split: Yes or No If yes, indicate E GPS Coordinates: Trimble [V] Instrument #: $020$ Aliquot #1: Latitude: $33.57027839$ Media description: $Bad, 57027839$	SAMPLE ID: FM02108-CS rd; vegetable garden; play set; ditch, etc): DMAN Acri MATTERNS MS/MSD?: Y or N Duplicate/split sample station ID: ACSLogged? Y or N N LongitudeC6.80347337 2. CL ASLT, DMP	
STATION ID: $Fm \partial 2 i o 3$ SAMPLE COLLECTION TIME: $0950$ Description of sample location (front, back, side yar Genss SwpED fo themse No Usernon a Collection: Composite or Grab Field Duplicate or Split: Yes or No If yes, indicate E GPS Coordinates: Trimble [V] Instrument #: $0200$ Aliquot #1: Latitude: $33.57027839$ Media description: $BAN, Signard 4459$	SAMPLE ID: FM02108-CS rd; vegetable garden; play set; ditch, etc): DAAN Act MATTERNS MS/MSD? Y or N Duplicate/split sample station ID: 468 Logged? Y or N N Longitude 46.80347337 R CL ASLT, DAR N Longitude 56.50345724	V
STATION ID: $Fm \partial 2 i o B$ SAMPLE COLLECTION TIME: $0950$ Description of sample location (front, back, side yas Genss Swped To themse we descended a Collection: Composite or Grab Field Duplicate or Split: Yes or No If yes, indicate E GPS Coordinates: Trimble [V] Instrument #: $020$ Aliquot #1: Latitude: $33.57027839$ Media description: $BJN, 50R6$	SAMPLE ID: FM02108-CS rd; vegetable garden; play set; ditch, etc): DAthor Acri Matternds MS/MSD? Y or M Duplicate/split sample station ID: CSS Logged? Y or N N Longitude CG. 80347337 2 CL ASLT, DMP	V
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STATION ID: $Fm \partial 2 i o 3$ SAMPLE COLLECTION TIME: $0950$ Description of sample location (front, back, side yan Genss SwrED To House NO Descendent Collection: Composite or Grab Field Duplicate or Split: Yes or No If yes, indicate E GPS Coordinates: Trimble [V] Instrument #: $0200$ Aliquot #1: Latitude: $33.57027839$ Media description: $B \Delta N, \frac{5570}{100} 4459$ Media description: $B \Delta N, \frac{5570}{100} 4459$	SAMPLE ID: $\underline{Fm02108} \cdot CS$ rd; vegetable garden; play set; ditch, etc): DMhwAcc: Mitternds MS/MSD?: Y or N Duplicate/split sample station ID: VSMSD?: Y or N MS/MSD?: Y or N MS/MSD MS/MSD?: Y or N MS/MSD?: Y or N	
STATION ID: $Fm \partial \Sigma i o B$ SAMPLE COLLECTION TIME: $0950$ Description of sample location (front, back, side yan Geness Surped to themse we descended a Collection: Composite or Grab Field Duplicate or Split: Yes or No If yes, indicate E GPS Coordinates: Trimble [V] Instrument #: $020$ Aliquot #1: Latitude: $33.57027839$ Media description: $BJN, 508664$ Aliquot #2 Latitude: $33.57034459$ Media description: $BJN To ORE COMPANY Aliquot #3: Latitude: 33.57034459Media description: BJN To ORE COMPANY Aliquot #3: Latitude: 33.57034459Media description: BJN To ORE COMPANY Aliquot #3: Latitude: 33.57034459Media description: BJN To ORE COMPANY Aliquot #3: Latitude: 33.57034459Media description: BJN To ORE COMPANY Aliquot #3: Latitude: 33.57034459Media description: BJN To ORE COMPANY Media description DESCRIPTIONE$	SAMPLE ID: FM02108-CS rd; vegetable garden; play set; ditch, etc): DAthor Acri Matternds MS/MSD? Y or N Duplicate/split sample station ID: V& Longitude C6.80347337 2 CL ASLT, DMP N Longitude S6.80343152 N Longitude S6.80343152 , DAY N Longitude S6.8035418	v
STATION ID: $Fm \partial 2 i o B$ SAMPLE COLLECTION TIME: $0950$ Description of sample location (front, back, side yan Genss SwpED To House NO Descendent Genss SwpED To House NO Descendent Collection: Composite or Grab Field Duplicate or Split: Yes or No If yes, indicate E GPS Coordinates: Trimble [V] Instrument #: $020$ Aliquot #1: Latitude: $33 \cdot 57027834$ Media description: $BAN, 5FMHED$ Aliquot #2 Latitude: $33 \cdot 57034459$ Media description: $BAN To ORE CLINE Aliquot #3: Latitude: 33 \cdot 57034459Media description: BAN To ORE CLINE Aliquot #4: Latitude: 33 \cdot 57031119Media description: DK BAN, CLISCTAliquot #4: Latitude: 33 \cdot 57027903Media description: DK BAN, CLISCT$	SAMPLE ID: $Fno2108-CS$ rd; vegetable garden; play set; ditch, etc): DMANACE MATTERNS MS/MSD? Y or N Duplicate/split sample station ID: KS Duplicate/split sample station ID: KS $N Longitude KS = C \cdot So347377R Longitude K = S \cdot So3437724S \cdot T, D = PN Longitude K = S \cdot So3437724S \cdot T, D = PN Longitude N Longitude S \cdot S \cdot$	
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ADDRESS:	
DATE:	ARRIVAL TIME:
Other pertinent information (weather	conditions, etc.):
PROPERTY COMMENTS:	
Grid for property sketch	

STATION ID: FMOLDOC	SAMPLE ID: Fn0210C-CS
SAMPLE COLLECTION TIME: _/D/5	
Description of sample location (front, back, side yard	R vegetable garden; play set; ditch, etc):
GRASS FARLY FLAT	
Collection: Composite or Grab	MS/MSD? Y or
Field Duplicate or Split: Yes or Ng If yes, indicate Du	
GPS Coordinates: Trimble [1] Instrument #: 0201	68Logged? (5 or N
Aliquot #1: Latitude: <u>33.57045349</u>	N Longitude 86. 80337209 W
Media description: DK 2WN CL WSLT	, DRy Mar Frakmin ES
Aliquot #2 Latitude: 33.57041411	N Longitude <b>86 . 2033 6441</b> W
Media description: DK BWN, SNDY CL,	DRY MCOAR FRATEmONTS
Aliquot #3: Latitude: 33-570427/6	N Longitude _ & 6 · <b>&amp; 0</b> 33 3084W
Media description: DK BWN, CL W SLT	, Day of come FRAMIN'S
Aliquot #4: Latitude: 33. 57046425	N Longitude 86.80326249 W
Media description: DK RWN, Cl MSL	T, DAP of CIAL FRAGMONTS
Aliquot #5: Latitude: 33.57040294	N Longitude <u>86.80326678</u> W
Media description: $\overline{\mathcal{VK}}$ $\mathcal{WN}$ , $\mathcal{CLM}$ $\mathcal{SL}$	- Danis of come FRAGMENTS
SAMPLE COLLECTION TIME: Description of sample location (front, back, side yard	SAMPLE ID:
	, regeniore garacii, piny ser, aren, erej.
Collection: Composite or Grab	MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Du	plicate/split sample station ID:
GPS Coordinates: Trimble [ ] Instrument #:	Logged? Y or N
Aliquot #1: Latitude:	N LongitudeW
Media description:	
Aliquot #2 Latitude:	N LongitudeW
Media description:	<u>``</u>
Aliquot #3: Latitude:	N LongitudeW
Media description:	
	N LongitudeW
Media description:	
Media description:Aliquot #5: Latitude:	
Aliquot #5: Latitude:	N LongitudeW
	N LongitudeW

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