

## United States Environmental Protection Agency Region 4





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

#### FIELD SAMPLING LOGBOOK

Inclusive Dates: 11/13/12 -

Name	Initials	Organization/Duties
(h)	31	OTIE ,Team Leader
(b) (6	)	(USS) OTTE
	_	
-		
4112		

# 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

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

<b>Texture</b>	Abbv
Hard	hrd
Dry	Dry
orittle	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 ≤ 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 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.

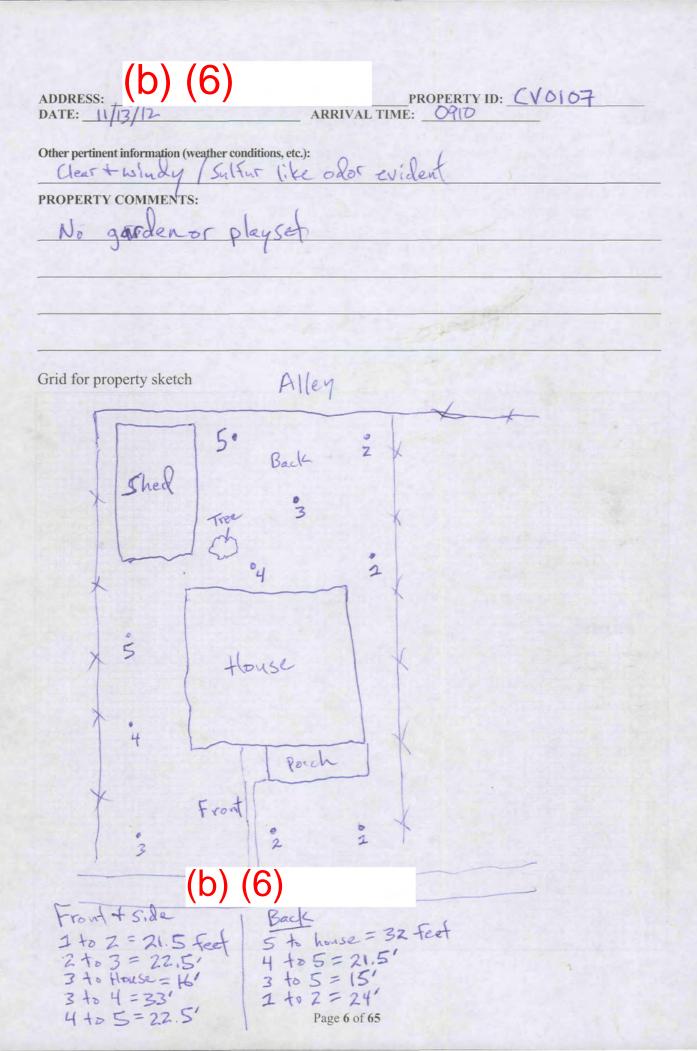
The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC-110-R3) using a Trimble GPS.

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.



STATION ID: CV0107A	SAMPLE ID: CVOIO7A-CS
SAMPLE COLLECTION TIME: 0950	
Description of sample location (front, back, side yard; vegetable g	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 sa	ample station ID:
GPS Coordinates: Trimble [ ] Instrument #: [ ]	Logged? Y or N
Aliquot #1: Latitude: 33.55902293 N Longi	tude 86.80504622° W
Media description: CYDIDTA 1 / 2k/brn stt	Sal m-F dup
Aliquot #2 Latitude: 33-558 95965 N Longi	tude 86 - 80502463 W
Media description: CV0107A2 / Same 3	oi (
Aliquot #3: Latitude: 33,55989689 N Longi	tude 86,80503319 W
Media description: CV0107A3 / Skme 5	
Aliquot #4: Latitude: 33. 55890734 , N Longi	tude 86.8651418 W
Media description: CV0107A4 / Same So	
Aliquot #5: Latitude: 33.55889974 N Longi	tude 86,80520322 W
Media description: CVVIOTAS (Same 50	il
STATION ID: CVOIDTB	SAMPLE ID: CV ONOTB-CS
SAMPLE COLLECTION TIME: 1030  Description of sample location (front, back, side yard; vegetable g	
Description of sample location (front, back, side yard; vegetable g	
Description of sample location (front, back, side yard; vegetable g	ms/msd? Y or N
Description of sample location (front, back, side yard; vegetable g	MS/MSD? Y or N
Description of sample location (front, back, side yard; vegetable g  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sa	MS/MSD? Y or N  Logged? Or N
Description of sample location (front, back, side yard; vegetable g  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sa  GPS Coordinates: Trimble [ ] Instrument #: 01859  Aliquot #1: Latitude: CV 0107 B 1 N Longitude Media description: V Let 33, 55901747	MS/MSD? Y or N  mple station ID:  Logged? Or N  tude 86.80526293 W  / Soil Same as Flort
Description of sample location (front, back, side yard; vegetable g  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sa  GPS Coordinates: Trimble [ ] Instrument #: 01859[  Aliquot #1: Latitude: CV0107 B 1 N Longitude description: VLA 33, 55901747  Aliquot #2 Latitude: V0107 B N Longitude N	MS/MSD? Y or N  Imple station ID:  Logged? Or N  tude 86.80526293 W  MS/MSD? Y or N  W  MS/MSD? W  MS/MSD? Y or N  W  MS/MSD? W  MS/M
Description of sample location (front, back, side yard; vegetable g  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sa  GPS Coordinates: Trimble [ ] Instrument #: 01859  Aliquot #1: Latitude: CV 0107 B 1 N Longitude Media description: V Let 33, 55901747	MS/MSD? Y or N  Imple station ID:  Logged? Or N  tude 86.80526293 W  MS/MSD? Y or N  W  MS/MSD? W  MS/MSD? Y or N  W  MS/MSD? W  MS/M
Description of sample location (front, back, side yard; vegetable g  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sa  GPS Coordinates: Trimble [ ] Instrument #: 01859[  Aliquot #1: Latitude: CV0107 B 1 N Longitude description: VLA 33, 55901747  Aliquot #2 Latitude: V0107 B N Longitude N	MS/MSD? Y or N  ample station ID:  Logged? Or N  tude 86.80526293 W  / Soil Same as front  tude 86.80535050 W  / Soil Same as front
Description of sample location (front, back, side yard; vegetable grads)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No fyes, indicate Duplicate/split satisfies and the split is a specific property of the same of the split is a specific property of the specific prope	MS/MSD? Y or N  Imple station ID:  Logged? Ø or N  tude 86.80526293 W  / Soil Same as front  tude 86.80535050 W  / Soil Same as front  tude 86.80530903 W
Description of sample location (front, back, side yard; vegetable grads)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sa  GPS Coordinates: Trimble [ ] Instrument #: 0\859   Aliquot #1: Latitude: CV0 107 B 1 N Longit Media description: V Lat 33, 5590/747  Aliquot #2 Latitude: V0 107 B 2 N Longit Media description: V Lat 33, 5590/740    Aliquot #3: Latitude: CV0 107 B 3 N Longit N Longi	MS/MSD? Y or N  Imple station ID:  Logged? Or N  trude 86.80526293 W  / Soil same as front  trude 86.80535050 W  / Soil same as front  trude 86.80530903 W  / Soil same os front
Description of sample location (front, back, side yard; vegetable grads)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfies a specific property of the second of the s	MS/MSD? Y or N  Imple station ID:  Logged? Or N  tude 86.80526293 W  Moil Same as front  tude 86.80535050 W  / Soil Same as front  tude 86.80530903 W  / Soil Same os front  tude 86.80525828 W
Description of sample location (front, back, side yard; vegetable grads)  Back your Back your Back, side yard; vegetable grads  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Split	MS/MSD? Y or N  Imple station ID:  Logged? Or N  Itude 86.80526293 W  I Soil Same as front  Itude 86.80535050 W  I Soil Same as front  Itude 86.805350903 W  I Soil Same as front  Itude 86.80525828 W  I Soil Same as front  Itude 86.805333350 W
Description of sample location (front, back, side yard; vegetable grade of the sample location (front, back, side yard; vegeta	MS/MSD? Y or N  Imple station ID:  Logged? Or N  Itude 86.80526293 W  I Soil Same as front  Itude 86.80535050 W  I Soil Same as front  Itude 86.805350903 W  I Soil Same as front  Itude 86.80525828 W  I Soil Same as front  Itude 86.805333350 W
Description of sample location (front, back, side yard; vegetable grads)  Back your Back your Back, side yard; vegetable grads  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Yes or No If yes, indicate Duplicate/split satisfied Duplicate or Split: Split	MS/MSD? Y or N  Imple station ID:  Logged? Or N  Inde 86.80526293 W  I Soil same as front  Inde 86.80535050 W  I Soil same as front  Inde 86.805350903 W  I Soil same as front  Inde 86.80535050 W  I Soil same as front  Inde 86.805333350 W  I Soil same as front  Inde 86.805333350 W  I Soil same as front  Inde 86.80533350 W  I Soil same as front

ADDRESS: (b) (6)		PROPERTY ID: CV0540
DATE: 11/13/12	ARRIVAL TIM	
l l		
Other pertinent information (weather conditions	s, etc.):	
PROPERTY COMMENTS:		
No gorden or	play set	
	arts) yard	
1 Alle	Y X	XX
85		B2
	33	
BY		84
* =		9=
	M = 60	
AT	House	A-5
XXXX	Tare Both	TXXX
X A3	A2	Ai X
	/ / /	XX
(b) (6)		
Front & siles (	A)	Back (B)
1 to 2 = 21 feet		1 to 2 = 42 feet
2 to 3 = 20 tax		1 to 3 = 28 fact
3 to Marsc 517 feet		124 = 39 fax
3 to 4 = 29 feet		4 to 5 = 49 feet
1 to 5 = 24 feet		5 to Marge = 65 Feet

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	TILOGUA 1 - 7
STATION ID: CV OCTOA	SAMPLE ID: CVOO40A-C
SAMPLE COLLECTION TIME: 4115	
Description of sample location (front, back, side yard;	vegetable garden; play set; ditch, etc):
Front & side yards	
Collection: Composite or Grab	MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Dup	licate/split sample station ID:
GPS Coordinates: Trimble [X] Instrument #: 018.	591 Logged? (Y) or N
Aliquot #1: Latitude: 33, 5590 33.	59   Logged? (Y) or N 55909479° W N Longitude 86,806736340 W
1 - 1 - a - v	dK/bwn sty snd m-f drap
Aliquot #2 Latitude: 33.55904262°	N Longitude 86. 80676572° W
Media description: W0040A2	Same soil
Aliquot #3: Latitude: 3 3 558 99 0000	N Longitude 86_80678792° W
Media description: W0040A3	Same soil
Aliquot #4: Latitude: 33. 55900714°	N Longitude 86-80687375° W
Media description: CV0040A4	59re 50.1
Aliquot #5: Latitude: 33, 559   1678°	N Longitude 86.806813280 W
Media description: WOO 40 A 5	Same soil
SAMPLE COLLECTION TIME: 11.40	SAMPLE ID: <u>CV 0040B-CS</u>
Description of sample location (front, back, side yard;	vegetable garden; play set; ditch, etc):
	vegetable garden; play set; ditch, etc):
Description of sample location (front, back, side yard;	vegetable garden; play set; ditch, etc):  MS/MSD? Y or
Description of sample location (front, back, side yard;	MS/MSD? Y or 🕥
Description of sample location (front, back, side yard;  Collection: Composite or Grab	MS/MSD? Y or N
Description of sample location (front, back, side yard;  Back Yard  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup	MS/MSD? Y or No licate/split sample station ID:
Description of sample location (front, back, side yard;  Back Yard  Collection: Composite or Grab  Field Duplicate or Split: Yes or To If yes, indicate Dup  GPS Coordinates: Trimble [x] Instrument #: 0185	MS/MSD? Y or N
Collection: Composite or Grab  Field Duplicate or Split: Yes or To If yes, indicate Dup  GPS Coordinates: Trimble [x] Instrument #: 0185  Aliquot #1: Latitude: 33-55914008	MS/MSD? Y or N licate/split sample station ID:  Logged? (Ŷ) or N N Longitude 86_806936840 W  AK/bwa Slty Sod m-fdrp
Collection: Composite or Grab  Field Duplicate or Split: Yes or To If yes, indicate Dup  GPS Coordinates: Trimble [x] Instrument #: 0185  Aliquot #1: Latitude: 33-559140082	MS/MSD? Y or N licate/split sample station ID:  Logged? (Ŷ) or N N Longitude 86_806936840 W  AK/bwa Slty Sod m-fdrp
Collection: Composite or Grab  Field Duplicate or Split: Yes or To If yes, indicate Dup  GPS Coordinates: Trimble [x] Instrument #: 0185  Aliquot #1: Latitude: 33-559140082  Media description: CVXXYXXXIII  Aliquot #2 Latitude: 33-559140	MS/MSD? Y or N licate/split sample station ID:  Logged? (Y) or N N Longitude 86_806936843 W  AK/bwa Slty Sol m-fdrp N Longitude 86_80603032 W
Collection: Composite or Grab  Field Duplicate or Split: Yes or To If yes, indicate Dup  GPS Coordinates: Trimble [x] Instrument #: 0185  Aliquot #1: Latitude: 33-559140082  Media description: CVOYUB1  Aliquot #3: Latitude: 33-559170  Media description: CVOYUB2  Media description: CVOYUB3  Media description: CVOYUB3  Media description: CVOYUB3	MS/MSD? Y or D  licate/split sample station ID:  91 Logged? (Y) or N  N Longitude 86. 806936843 W  At/bwn Sty 5nl m-fdrp  N Longitude 86. 804030332 W  Same Sort but w/ coal  N Longitude 86. 807033353 W  Same Sort as #1
Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup  GPS Coordinates: Trimble [X] Instrument #: 0185  Aliquot #1: Latitude: 33_559140080  Media description: CVCO4081  Aliquot #2 Latitude: 33_559170  Media description: CVCO4083  Aliquot #3: Latitude: 33_55907943  Media description: CVCO4083  Aliquot #4: Latitude: 33_55907943  Aliquot #4: Latitude: 33_55907943	MS/MSD? Y or N  licate/split sample station ID:  91 Logged? Y or N  N Longitude 86_806936843 W  AK/bwa Stysol m-fdrp  N Longitude 86_80603332 W  Same Soil but w/coal  N Longitude 86_807033353 W  Same Soil as #1  N Longitude 86_806976632 W
Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup  GPS Coordinates: Trimble [\( \) Instrument #: 0185  Aliquot #1: Latitude: 33-559140082  Media description: \( \) Media description:	MS/MSD? Y or D  licate/split sample station ID:  91 Logged? (Y) or N  N Longitude 86. 806936843 W  At/bwn Sty Sol m-fdrp  N Longitude 86. 804030332 W  Same Soil but w/ coal  N Longitude 86. 807033352 W  Sine Soil as #1  N Longitude 86. 808976692 W  Same Soil as #1
Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup  GPS Coordinates: Trimble [1] Instrument #: 0185  Aliquot #1: Latitude: 33-559140080  Media description: CVCO4081  Aliquot #2 Latitude: 33-559170  Media description: CVCO4082  Aliquot #3: Latitude: 33-55907943  Media description: CVCO4083  Aliquot #4: Latitude: 33-55907943  Aliquot #4: Latitude: 33-55907943  Aliquot #5: Latitude: 33-55904940  Aliquot #5: Latitude: 33-55068330	MS/MSD? Y or D  licate/split sample station ID:  91 Logged? (Y) or N  N Longitude 86. 806936843 W  At/bwa Sty sol m-fdrp  N Longitude 86. 804036333 W  Same Soil but w/ coal  N Longitude 86. 80703335° W  Sine Soil as #1  N Longitude 86. 80713077° W  N Longitude 86. 80713077° W
Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup  GPS Coordinates: Trimble [\( \) Instrument #: 0185  Aliquot #1: Latitude: 33-559140082  Media description: \( \) Media description:	MS/MSD? Y or D  licate/split sample station ID:  91 Logged? (Y) or N  N Longitude 86. 806936843 W  At/bwn Sty Sol m-fdrp  N Longitude 86. 804030332 W  Same Soil but w/ coal  N Longitude 86. 807033352 W  Sine Soil as #1  N Longitude 86. 808976692 W  Same Soil as #1
Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup  GPS Coordinates: Trimble [1] Instrument #: 0185  Aliquot #1: Latitude: 33-559140080  Media description: CVCO4081  Aliquot #2 Latitude: 33-559170  Media description: CVCO4082  Aliquot #3: Latitude: 33-559079  Media description: CVCO4083  Aliquot #4: Latitude: 33-559079  Media description: CVCO4084  Aliquot #5: Latitude: 33-55068330  Media description: CVCO4084  Aliquot #5: Latitude: 33-55068330  Media description: CVCO4085	MS/MSD? Y or D  licate/split sample station ID:  91 Logged? (Y) or N N Longitude 86. 806936840 W  AK/bwn Sty Sul m-fdrp  N Longitude 86. 80703330 W  Same Soil but w/coal N Longitude 86. 807033350 W  Same Soil as #1 N Longitude 86. 807033350 W  Same Soil as #1 N Longitude 86. 807130770 W  Same Soil as #1 N Longitude 86. 807130770 W  Same Soil as #1

(b) (6) PROPERTY ID: FM 0102 1320 DATE: ARRIVAL TIME: Other pertinent information (weather conditions, etc.): PROPERTY COMMENTS: Grid for property sketch · EL Porch 82 A3 B AY BI AI Way North. Brok Esily Front yand (A) Side Jards (B) 1 to 2 = 22 feet to 2 = 24 Feet 1+02=18 1+02=314 1402=27 2 to 3 = 27 For to 3 = 34 1404=57 to House = 36 Leet 1 to House = 39 Feet 3 +04 = 30 4 503= 22 to 3 = 20 feet to 4 = 29 feet 4+05=27 4 to 5 = 27 4 to 5 = 31 feet 3 to Hous = 33 Sto Hack = 75 5 to Hove = 8 feet Page 10 of 65 4 to 5 = 22 feet

33 34

27

N Longitude 86 80425785°

Sime Soil

Ar Samples State (1327/Stopped 1516

Pata RAM (06243) Stated 1322/Stopped 1516

Aliquot #5: Latitude: 33, 56954 689° N Longitude 86, 80436539°

Media description: FMD102B3 STONE SON

Aliquot #4: Latitude: 33-56954641

Media description: FM 0102 BY

Media description: PM0107 83

ADDRESS: (b) (6)	PROPERTY ID: FMO(2) (con-)
11/ / -	AL TIME:
Other pertinent information (weather conditions, etc.):	
PROPERTY COMMENTS:	
Grid for property sketch	

STATION ID: FMOID2C	SAMPLE ID: FMO102-C-CS
SAMPLE COLLECTION TIME: 1425	
Description of sample location (front, back, side yard;	vegetable garden; play set; ditch, etc):
Back Esily along bad	c concrete slab
Collection: Composite or Grab	MS/MSD? Y or
Field Duplicate or Split: (Tes )or No If yes, indicate Dupl	licate/split sample station ID: FM0102C-CSD
GPS Coordinates: Trimble [X] Instrument #: 01 85	Logged? Y or N
Aliquot #1: Latitude: 33_56939348°	N Longitude 86-80435389° W
Media description: PMOID2CI	dlybun sty onl on-f day
Aliquot #2 Latitude: 33,56939087°	N Longitude 86_8044 1051° W
Media description: FM0102 (2	Same Sil
Aliquot #3: Latitude: 33. 569 39069 °	N Longitude 86-86446908° W
Media description: PMOIO2 C3	Same Soil
Aliquot #4: Latitude: 33, 36956383°	N Longitude 86.80447816° W
Media description: PMOIO2C4	Same soil
Aliquot #5: Latitude: 33-56953575	N Longitude 86 86446669 W
Media description: PMOIOACS	
Donnex+ Rage)	
STATION ID: FMO 102 E	SAMPLE ID: PMO102 E-CS
STATION ID: FMO 102	0
SAMPLE COLLECTION TIME: 445 151  Description of sample location (front, back, side yard;	vegetable garden; play set; ditch, etc):
SAMPLE COLLECTION TIME: 455 151	vegetable garden; play set; ditch, etc):
SAMPLE COLLECTION TIME: ## 151  Description of sample location (front, back, side yard; Way Back Yard and the same of the same	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N
SAMPLE COLLECTION TIME: ## 151  Description of sample location (front, back, side yard; way Back Yard Collection: Composite or Grab	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  licate/split sample station ID:
SAMPLE COLLECTION TIME: ## 151  Description of sample location (front, back, side yard; ward ward)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dupl	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  licate/split sample station ID:
SAMPLE COLLECTION TIME: ## 5   5    Description of sample location (front, back, side yard; way Back Yard Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dupl  GPS Coordinates: Trimble [X] Instrument #: 0 185	wegetable garden; play set; ditch, etc):  Show your sheet of feature.  MS/MSD? Y or N  icate/split sample station ID:  Logged? Y or N  N Longitude 86-80470537° W  ACL bun Sty Soul on f day
SAMPLE COLLECTION TIME: ## 51  Description of sample location (front, back, side yard; was a standard or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dupl  GPS Coordinates: Trimble [X] Instrument #: 0188  Aliquot #1: Latitude: 33 569 53938°	wegetable garden; play set; ditch, etc):  MS/MSD? Y or N  icate/split sample station ID:  Logged? Y or N  N Longitude 86-80-170327 W
SAMPLE COLLECTION TIME: ### 151  Description of sample location (front, back, side yard; Way Back Yard Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dupl  GPS Coordinates: Trimble [X] Instrument #: 0185  Aliquot #1: Latitude: 33 569 539380  Media description: PM 0102 B/	wegetable garden; play set; ditch, etc):  Show your sheet of feature.  MS/MSD? Y or N  icate/split sample station ID:  Logged? Y or N  N Longitude 86-80470537° W  ACL bun Sty Soul on f day
SAMPLE COLLECTION TIME: ### SIMPLE COLLECTION TIME: ### SI	wegetable garden; play set; ditch, etc):  MS/MSD? Y or N  icate/split sample station ID:  Logged? Y or N  N Longitude 86-80478737 W  AV/bun Slty snl m-f dmp  N Longitude 86-80478754 W  AV/bun Slty snl m-f dry
SAMPLE COLLECTION TIME: ### SINGLE SAMPLE COLLECTION TIME: ### SINGLE SAMPLE COLLECTION TIME: #### SINGLE SAMPLE COLLECTION TIME: #### SINGLE SAMPLE COLLECTION TIME: ##### SINGLE SAMPLE COLLECTION TIME: ##### SINGLE SAMPLE COLLECTION TIME: ####################################	wegetable garden; play set; ditch, etc):  MS/MSD? Y or N  icate/split sample station ID:  Logged? Y or N  N Longitude 86-80478737 W  AV/bun Slty snl m-f dmp  N Longitude 86-80478754 W  AV/bun Slty snl m-f dry
SAMPLE COLLECTION TIME: ### [5]  Description of sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a standard from the sample location (front, back, side yard; was a s	wegetable garden; play set; ditch, etc):  Sharp Sheet   Faster  MS/MSD? Y or N  icate/split sample station ID:  Sq Logged? Y or N  N Longitude 86-80478337 W  AC bun Sty 5nl mf dmf  N Longitude 86-804787549 W  AC bun Sty 5nl mf dmf  N Longitude 86-80478002° W  Samu Sty 5nl mf dmf  N Longitude 86-80475002° W  Samu Sty 5nl mf dmf  N Longitude 86-80475002° W  Samu Sty 5nl mf dmf  N Longitude 86-80475002° W
SAMPLE COLLECTION TIME: ### 151  Description of sample location (front, back, side yard; was a superior of the composite of t	Wegetable garden; play set; ditch, etc):  MS/MSD? Y or N  Micate/split sample station ID:  Logged? Y or N  N Longitude 86-804787372 W  AV/bun Sty Sul m-f dry  N Longitude 86-804787592 W  Saru Sil ant with Cost  N Longitude 86-80475002 W  Saru Sil ant with Cost  N Longitude 86-804 698532 W  AV/bun Sty Sul m-f dry  N Longitude 86-80475002 W  Saru Sil ant with Cost  N Longitude 86-80475002 W  Saru Sil ant with Cost
SAMPLE COLLECTION TIME: ### SINGLE SAMPLE SA	wegetable garden; play set; ditch, etc):  Sharp Sheet   Faster  MS/MSD? Y or N  icate/split sample station ID:  Sq Logged? Y or N  N Longitude 86-80478337 W  AC bun Sty 5nl mf dmf  N Longitude 86-804787549 W  AC bun Sty 5nl mf dmf  N Longitude 86-80478002° W  Samu Sty 5nl mf dmf  N Longitude 86-80475002° W  Samu Sty 5nl mf dmf  N Longitude 86-80475002° W  Samu Sty 5nl mf dmf  N Longitude 86-80475002° W

(b) (6)	PROPERTY ID: FM do2 (con)
DATE: 11/13/12 ARRIVAL	
Other pertinent information (weather conditions, etc.):	
PROPERTY COMMENTS:	
Grid for property sketch	
$\Delta t = \Delta t$	

STATION ID: FMO 102 B	SAMPLE ID: PMOIOD D-C
SAMPLE COLLECTION TIME: 45/6 15	145
Description of sample location (front, back, side y	ard; vegetable garden; play set; ditch, etc):
Collection: Composite or Grab	MS/MSD? Y ON
Field Duplicate or Split: Yes or No If yes, indicate	Duplicate/split sample station ID:
GPS Coordinates: Trimble [X] Instrument #: 01	F 59/ Logged? Y or N
Aliquot #1: Latitude: 33.56953641	° N Longitude 86-80452537° W
Media description: PMOIO2 DI	dlybur sity sol n-fdy
Aliquot #2 Latitude: 33 - 56952819	
Media description: Photos 02	
Aliquot #3: Latitude: 33 - 5694284	11° N Longitude 86-80456964° W
Media description: FMOI0+D3	
Aliquot #4: Latitude: 33-5693831	5° N Longitude 86-80453451° W
Media description: Photo202	1 Samesoil
Aliquot #5: Latitude: 33, 5693 794	14° N Longitude 86.86462682° W
Media description: PM01070	
STATION ID:	SAMPLE ID:
SAMPLE COLLECTION TIME:	
Description of sample location (front, back, side ye	ard; vegetable garden; play set; ditch, etc):
Collection: Composite or Grab	MS/MSD? Y or N
Field Duplicate or Split: Yes on 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:	Longitude W
Media description:	
Aliquot #4: Latitude:	N Longitude W
Media description:	
Aliquot #5: Latitude:	N Longitude W
Media description:	

<sub>ADDRESS</sub> (b) (6) PROPERTY ID: CV Ø 181 DATE: 1/13/13 ARRIVAL TIME: 0 1545 Other pertinent information (weather conditions, etc.): PROPERTY COMMENTS: Vegetable Garden: Drantes, Peppers Strong beans Grid for property sketch B1 Rocch (b) (6) Front yad (A) Sher Yan (B) Vegetable Garden(C) 1 to Mars 28 fat 5 to Mouse - 31 feet 1 to 2 = 22 fat 5 to 4 = 38 feet 46 feet from House 16 feet X2 feet 2 803 = 24 feet 460 3 = 30 feet near back fence 3 44 = 28 fal 3 to 2 = 29 feet 2 tol = 27 feet 465 = 23 fax

Page 16 of 65

	ck, side yard; vegetable garden; play set; ditch, etc):
Front Yard	
Collection: Composite or Grab	MS/MSD? Y or
Field Duplicate or Split: Yes or No If yes	es, indicate Duplicate/split sample station ID:
GPS Coordinates: Trimble [X] Instrument	t#: 01859   Logged? (Y) or N
Aliquot #1: Latitude: 35-5593:	
Media description: WDL 8/ A	
Aliquot #2 Latitude: 35-559 2	26890° N. Longitude 86.804 15872° W
Media description: WB 1 814	12 Same 501)
Aliquot #3: Latitude: 35.559 20	0896° N Longitude 86_80415613° W
Media description: CVP18/A	A3 Same soil
Aliquot #4: Latitude: 3 5 55913	
Media description: CNP 181	AY SAME SOIL
Aliquot #5: Latitude: 355907	7818 N Longitude 86.80415502 W
SAMPLE COLLECTION TIME: 162	SAMPLE ID: CV9181B-C
STATION ID: CV Ø 18   B	SAMPLE ID: CVØ181B-C  SAMPLE ID: CVØ181B-C  ck, side yard; vegetable garden; play set; ditch, etc):
STATION ID:	SAMPLE ID: CVØ181B-C  SAMPLE ID: CVØ181B-C  ck, side yard; vegetable garden; play set; ditch, etc):
STATION ID: CV Ø 18 B  SAMPLE COLLECTION TIME: 162  Description of sample location (front, back  Collection: Composite or Grab	SAMPLE ID: CVØ181B-C  SAMPLE ID: CVØ181B-C  SAMPLE ID: CVØ181B-C  MS/MSD? Y or N
STATION ID: CV 9 18 B  SAMPLE COLLECTION TIME: 162  Description of sample location (front, back  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes	SAMPLE ID:S
STATION ID:	SAMPLE ID: CV91818-C  SAMPLE ID: CV91818-C  SAMPLE ID: CV91818-C  MS/MSD? Y or N  WS/MSD? Y or N  Logged? Y or N  S2319 N Longitude 86.80438463 W
STATION ID:	SAMPLE ID:
STATION ID:	SAMPLE ID: CV91818-C  Solution of the second
STATION ID:	SAMPLE ID:
STATION ID: CV D 18 B  SAMPLE COLLECTION TIME: 162  Description of sample location (front, back  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes  GPS Coordinates: Trimble [x] Instrument  Aliquot #1: Latitude: 355573  Media description: CV D [8]  Aliquot #2 Latitude: 35.5596  Media description: CV D [8]  Aliquot #3: Latitude: 35.559	SAMPLE ID: CV Ø 18 1 B - C  SEC, side yard; vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  MS/MSD? Y or N  MS/MSD? Y or N  Logged? Y or N  B 23 19 N Longitude 86.80438463 W  B 1 L Logged? W or N  B 2 SAMPLE ID: CV Ø 18 1 B - C  MS/MSD? Y or N
STATION ID: CV 0 18 B  SAMPLE COLLECTION TIME: 162  Description of sample location (front, back  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes  GPS Coordinates: Trimble [X] Instrument  Aliquot #1: Latitude: 355573  Media description: CV 0 181  Aliquot #3: Latitude: 35.559  Media description: CV 0 181  Aliquot #3: Latitude: 35.559	SAMPLE ID: CV 9181B-C  SECOND STATE ID: CV 9181B-C  SECOND STATE OF SECOND
STATION ID: CV D 18 B  SAMPLE COLLECTION TIME: 162  Description of sample location (front, back  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes  GPS Coordinates: Trimble [X] Instrument  Aliquot #1: Latitude: 35.5593  Media description: CV D [81]  Aliquot #3: Latitude: 35.5596  Media description: CV D [81]  Aliquot #4: Latitude: 35.5596  Aliquot #4: Latitude: 35.5596	SAMPLE ID:
STATION ID: CV D 18 B  SAMPLE COLLECTION TIME: 162  Description of sample location (front, back Back Ya  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes  GPS Coordinates: Trimble [x] Instrument  Aliquot #1: Latitude: 35.5593  Media description: CV D [81]  Aliquot #3: Latitude: 35.559  Media description: CV D [81]  Aliquot #4: Latitude: 35.5590  Media description: CV D [81]	SAMPLE ID:
STATION ID: CV D 18 B  SAMPLE COLLECTION TIME: 162  Description of sample location (front, back Back Ya  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes  GPS Coordinates: Trimble [x] Instrument  Aliquot #1: Latitude: 35 5593  Media description: CV D [81]  Aliquot #2 Latitude: 35.5596  Media description: CV D [81]  Aliquot #3: Latitude: 35.5596  Media description: CV D [81]  Aliquot #4: Latitude: 35.5596  Media description: CV D [81]  Aliquot #5: Latitude: 35.5589	SAMPLE ID: CV 9181B-C  Sck, side yard; vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  MS/MSD? Y or N  MS/MSD? Y or N  Logged? Y or N  MS/MSD? Y or
STATION ID: CV 0 18 B  SAMPLE COLLECTION TIME: 162  Description of sample location (front, back  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes  GPS Coordinates: Trimble [X] Instrument  Aliquot #1: Latitude: 35 55 73  Media description: CV 0 81  Aliquot #3: Latitude: 35.55 9  Media description: CV 0 81  Aliquot #4: Latitude: 35.55 9  Media description: CV 0 81  Aliquot #5: Latitude: 35.55 9  Media description: CV 0 81  Media description: CV 0 81	SAMPLE ID: CV 9181B-C  Sck, side yard; vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  MS/MSD? Y or N  MS/MSD? Y or N  Logged? Y or N  MS/MSD? Y or

ADDRESS: (b) (6)  DATE: 11/(3/12—	ROPERTY ID: CV Ø181 (Con.
DATE: 11/(3/12-	ARRIVAL TIME:
Other pertinent information (weather conditions, etc.)	):
PROPERTY COMMENTS:	
Grid for property sketch	

STATION ID: CV9 181C	SAMPLE ID: CVØ181C-C	2
SAMPLE COLLECTION TIME: 1610		
Description of sample location (front, back, side yard;	vegetable garden; play set; ditch, etc):	
Veg etable Gargen		
Collection; Composite or Grab	MS/MSD? Y or	
Field Duplicate or Split: Yes or No If yes, indicate Dup	licate/split sample station ID:	
GPS Coordinates: Trimble [X] Instrument #: 0   8	59( Logged? Y) or N	
Aliquot #1: Latitude: 33-55923525	N Longitude 86-804467010 V	V
Media description: (1018161		
Aliquot #2 Latitude: 3 3, 559 226726	N Longitude 86, 80446782° V	V
Media description: CVØ181C2		
Aliquot #3: Latitude: 33.55920805	° N Longitude 86, 80446487° V	V
Media description: CV \$18723		
Aliquot #4: Latitude:	N Longitude V	V
Media description:		
Aliquot #5: Latitude:	N Longitude V	V
Media description:		
STATION ID:	SAMPLE ID:	
	SAMPLE ID:	-
STATION ID:  SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;		
SAMPLE COLLECTION TIME:		-
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N	
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;  Collection: Composite or Grab	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N	
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  licate/split sample station ID:	v
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Duplicate Of Specific Specifi	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  licate/split sample station ID:  Logged? Y or N	V
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup  GPS Coordinates: Trimble [ ] Instrument #:  Aliquot #1: Latitude:	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  licate/split sample station ID: Logged? Y or N  N LongitudeV	
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup  GPS Coordinates: Trimble [ ] Instrument #:  Aliquot #1: Latitude:  Media description:	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  licate/split sample station ID: Logged? Y or N  N LongitudeV	
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup  GPS Coordinates: Trimble [ ] Instrument #:  Aliquot #1: Latitude:  Media description:  Aliquot #2 Latitude:	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  licate/split sample station ID:	
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup  GPS Coordinates: Trimble [ ] Instrument #:  Aliquot #1: Latitude:  Media description:  Media description:	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  licate/split sample station ID:	V
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup  GPS Coordinates: Trimble [ ] Instrument #:  Aliquot #1: Latitude:  Media description:  Aliquot #2 Latitude:  Media description:  Aliquot #3: Latitude:	WS/MSD? Y or N  licate/split sample station ID:  Logged? Y or N  N Longitude  N Longitude  N Longitude  N Longitude	V
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Duplicate Duplicates: Trimble [ ] Instrument #:  Aliquot #1: Latitude:  Media description:  Aliquot #2 Latitude:  Media description:  Aliquot #3: Latitude:  Media description:	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  licate/split sample station ID:  Logged? Y or N  N Longitude  N Longitude  N Longitude	V
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard;  Collection: Composite or Grab  Field Duplicate or Split: Yes or No If yes, indicate Dup  GPS Coordinates: Trimble [ ] Instrument #:  Aliquot #1: Latitude:  Media description:  Aliquot #2 Latitude:  Media description:  Aliquot #3: Latitude:  Media description:  Aliquot #4: Latitude:	vegetable garden; play set; ditch, etc):  MS/MSD? Y or N  licate/split sample station ID:  Logged? Y or N  N Longitude  N Longitude  N Longitude	V

(b) (6)

PROPERTY ID: CV \$192

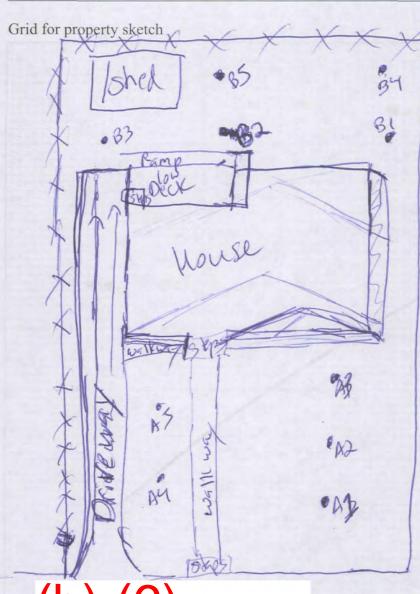
DATE: 11/14/12

ARRIVAL TIME: 08.42

Other pertinent information (weather conditions, etc.):

#### PROPERTY COMMENTS:

no fence along one side of property-follower parcel map line and fence line of property behind house



Front yard (A)

1 to Monse = 23 feet

1 to 2 = 8 feet

2 to 3 = 8 feet

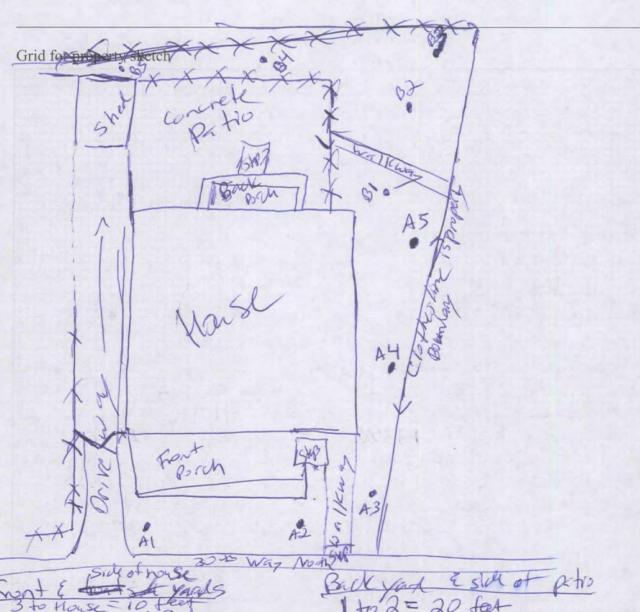
3 to 5 = 20 feet

5 to 4 = 10 feet

Back yard (B)

1 to 2 = 24 feet 2 to 3 = 16.5 feet 3 to 5 = 25 feet 4 to 5 = 23 feet 4 to 1 = 20 feet 4 to 1 = 20 feet

STATION ID: CV Ø192A SAMPLE ID: CV Ø192A-CS
SAMPLE COLLECTION TIME: 0900
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 [X] Instrument #: 016144 Logged? [Y] or N
Aliquot #1: Latitude: 33.560174140 NLongitude 86-804022836 W
Media description: CV Ø 1924 AK/bws stfy day fdamp w/ coal pred
Aliquot #2 Latitude: 33-56017307° N Longitude 86 - 804105015° W
Media description: (ND192A) Same Soil
Aliquot #3: Latitude: 33-56 017616° N Longitude 86-86108594° W
Media description: (V \$ 19243 Same Soil
Aliquot #4: Latitude: 33 - 56012166 N Longitude 86 - 804 03 705 W
Media description: CN \$192A4 Same 50.1
Aliquot #5: Latitude: 33, 56012381° N Longitude 86, 80407190° W
Media description: CVP197A5 Sare Soil
STATION ID: CV Ø192B SAMPLE ID: CV Ø192 R-CS
STATION ID: WOIGHS SAMPLE ID: CVDIGH B-CS  SAMPLE COLLECTION TIME: DG 30
SAMPLE COLLECTION TIME:
SAMPLE COLLECTION TIME: 0930
SAMPLE COLLECTION TIME:
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
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 [X Instrument #: 46/44 Logged? Y or N  Aliquot #1: Latitude: 33.560200232 N Longitude 86.804309912 W
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 [X Instrument #: D6/44 Logged? Y or N  Aliquot #1: Latitude: 33.560200232 N Longitude 86.804309912 W  Media description: WD192B AV/bwn Stylag f dang w/ Coal peaces
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  Back Vac.  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 #: 46/44 Logged? (Y) or N  Aliquot #1: Latitude: 33.560200232 N Longitude 86.804309912 W  Media description: W 0192B   AV/bwa slay day f damp w/ coal peecs  Aliquot #2 Latitude: 33.56023390 N Longitude 86.804309912 W
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 [X Instrument #: 16/14 Logged? Y or N  Aliquot #1: Latitude: 33.560200232 N Longitude 86.804309912 W  Media description: WD192B AY burn sty lay frame of coal peas  Aliquot #2 Latitude: 33.56023890 N Longitude 86.804309912 W  Media description: CVD192B2 Save Soil but with gravital so
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 To If yes, indicate Duplicate/split sample station ID:  GPS Coordinates: Trimble [X Instrument #: 46/44 Logged? Y or N  Aliquot #1: Latitude: 33.56020033 N Longitude 86.804309912 W  Media description: W D 1928 Aliquot #2 Latitude: 33.56023700 N Longitude 86.804372320 W  Media description: CVD 19282 Same Soil but with gravital so Aliquot #3: Latitude: 33.560084303 N Longitude 86.80431823 W
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 [X Instrument #: Db/4/4 Logged? Yor N  Aliquot #1: Latitude: 33 56020023 N Longitude 86 80430991 W  Media description: WD/92B1 Alfburn shy lag f damp uf coal peas  Aliquot #2 Latitude: 33 56008430 N Longitude 86 80431823 W  Media description: WD/92B2 Same Soil but with gravitation  Aliquot #3: Latitude: 33 56008430 N Longitude 8 6 80431823 W  Media description: WD/92B3 Same Soil but with gravitation
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  Back Vach  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 [N Instrument #: 46/44 Logged? (Y or N Aliquot #1: Latitude: 33.56020023 N Longitude 86.80430991 W  Media description: CV 0492B   Alfbur sity day f damp uf coal peas  Aliquot #2 Latitude: 33.5602340 N Longitude 86.80431220 W  Media description: CV 0192B2 Same soil but with gravidal so  Aliquot #3: Latitude: 33.56008430 N Longitude 86.80431823 W  Media description: CV 0192B3 Same soil & B    Aliquot #4: Latitude: 33.560020396 N Longitude 86.80437035 W
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  Back yack  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 [N Instrument #: 1644 Logged? Y or N  Aliquot #1: Latitude: 33.56020033 N Longitude 86.804309912 W  Media description: CND19380 N Longitude 86.804370310 W  Media description: CND19380 N Longitude 86.804370310 W  Media description: CND19380 N Longitude 86.804370310 W  Media description: CND19380 Same Soil but with regard also  Aliquot #3: Latitude: 33.56008430 N Longitude 86.804370350 W  Media description: CND19283 Same Soil 25.81  Aliquot #4: Latitude: 33.560008430 N Longitude 86.804370350 W  Media description: CND19284 Same Soil
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  Back yack  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 [N Instrument #: 46/4/4 Logged? Yor N  Aliquot #1: Latitude: 33.560200232 N Longitude 86.804309912 W  Media description: W D192B1 N Longitude 86.804309912 W  Media description: W D192B2 N Longitude 86.804302020 W  Media description: W D192B2 Same Soil back with gravilal So  Aliquot #3: Latitude: 33.560084302 N Longitude 86.804318232 W  Media description: W D192B3 Same Soil back with gravilal So  Aliquot #4: Latitude: 33.560203962 N Longitude 86.804370352 W  Media description: W D192B4 Same Soil  Aliquot #5: Latitude: 33.560143922 N Longitude 86.804370092 W
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 To If yes, indicate Duplicate/split sample station ID:  GPS Coordinates: Trimble [X Instrument #: 1644 Logged? Yor N  Aliquot #1: Latitude: 33 56020032 N Longitude 86 804309912 W  Media description: WD192B AV but and for any of coal peace  Aliquot #2 Latitude: 33 56084302 N Longitude 86 80437032 W  Media description: WD192B3 Same Soil but with gravital so  Aliquot #3: Latitude: 33 560203962 N Longitude 86 804370352 W  Media description: WD192B4 Same Soil  Aliquot #4: Latitude: 33 560203962 N Longitude 86 804370352 W  Media description: WD192B4 Same Soil  Aliquot #5: Latitude: 33 560143922 N Longitude 86 804370092 W  Media description: WD192B4 Same Soil  Aliquot #5: Latitude: 33 560143922 N Longitude 86 804370092 W
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  Back yack  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 [N Instrument #: 46/4/4 Logged? Yor N  Aliquot #1: Latitude: 33.560200232 N Longitude 86.804309912 W  Media description: W D192B1 N Longitude 86.804309912 W  Media description: W D192B2 N Longitude 86.804302020 W  Media description: W D192B2 Same Soil back with gravilal So  Aliquot #3: Latitude: 33.560084302 N Longitude 86.804318232 W  Media description: W D192B3 Same Soil back with gravilal So  Aliquot #4: Latitude: 33.560203962 N Longitude 86.804370352 W  Media description: W D192B4 Same Soil  Aliquot #5: Latitude: 33.560143922 N Longitude 86.804370092 W



Front & Silvert nouse 1 to 2 = 17 feet 2 to 3 = 15 feet 3 to 4 2 23 feet

Back yand & slot of petro 1 to 2 = 20 feet 2 to 3 = 21 feet 3 to 4 = 12 feet Page 22 of 65 4 to 5 = 16 feet \_ to thouse = 47.5 feet

STATION ID: CVØ041A	SAMPLEID: CVO941A-CS
SAMPLE COLLECTION TIME: 1025	
Description of sample location (front, back, side yard;	vegetable garden; play set; ditch, etc);
Pront E side of house	
Collection: Composite or Grab	MS/MSD? Y or 🛛
Field Duplicate or Split: Yes or No If yes, indicate Dup	olicate/split sample station ID:
GPS Coordinates: Trimble   Instrument #: 0161	44 Logged? (Y or N
Aliquot #1: Latitude: 33-55919888°	N Longitude 86-806490340 W
Media description: W DO41A1	defoun sity IL f day w/ bits
Aliquot #2 Latitude: 33. 559/5648°	N/Longitude 86.866516353 W
Media description: W0041A2	Same soil
Aliquot #3: Latitude: 33.55911509°	N Longitude 86_80651791° W
Media description: CV 0041A3	Sare soil
Aliquot #4: Latitude: 33-55908243°	N Longitude 8 6- 806 45799° W
Media description: WD041A4	Sams.1
Aliquot #5: Latitude: 33-559049310	N Longitude 86-80639465° W
Media description: WOOMAS	Samesoil
Description of sample location (front, back, side yard;	
Collection: Composite or Grab	MS/MSD? Y or N
Field Duplicate or Split: Yes or No Afyes, indicate Dup	
GPS Coordinates: Trimble X Instrument #: 0161	
Aliquot #1: Latitude: 33.55903277°	N Longitude 86-80634280° W
Media description: W0041B1	dlybun sity clf amp
Aliquot #2 Latitude: 33.55901646°	N Longitude 86-806 28363° W
Media description: CV 004182	214 birasty clf dmp
Aliquot #3: Latitude: 33.55899390°	N Longitude 86-80622167° W
Media description: W0041 B3	blk Stych fampulge
Aliquot #4: Latitude: 33-559030430	N Longitude 86-80620752 W
Media description: CV 20 41 B4	dK/bun sity at famp w/ gr
Aliquot #5: Latitude: 33-55906 930°	N Longitude 86-806191290 W
Media description: W0041B5	114 bun sty a f Imp Wg
100 00 100 100 100 100 100 100 100 100	
HI Samples Over the 1010/2	dopped at 1100
Arsamples started 1010/S who RAM (004642) started Page 2	1010 /stopped at 1100

<sub>ADDRESS:</sub> (b) (6)	PROPERTY ID: CV DØ 43
DATE: 11/14/12	ARRIVAL TIME: 1100
Other pertinent information (weather conditions, etc.)	
PROPERTY COMMENTS:	
Vacant lot adjacet	+ to CV \$641 (3429), same
owner	
THE XXX	XXXX
Grid for property sketch	Gen A
	Was.
-2	
(b) (6)	
	on one
\$ * B	A J
	250
3 7.	( )
<del>\</del>	
Adjacent property	Dovenay (6) 533
Southern 1/3 of paral (A) middle 1/3 of paral 3 to 4 = 31 feet 1 to 2 = 22.	18) Norther 13 Hours 6 35 1
1 to 4= 75 feet 2 to 3 = 29.	CCOX 2403=28.5 Fant
1 to 2 = 29 feet 2 to 5 = 31 & 5 to House = 60 feet 5 to House = 90	Fage 24 of 65 5 to 4 = 24 feet feet 5 to Marse > 128 feet

STATIONING STATIONAL	SAMPLE TV DOG A	-08
STATION ID: CV \$643 A	SAMPLE ID: CVDQ43A	9
SAMPLE COLLECTION TIME: 125		
Description of sample location (front, back, side yard; ve	egetable garden; play set; ditch, etc):	
Southern /3 of parcel		
Collection: Composite or Grab	MS/MSD? Y or	
Field Duplicate or Split: Yes or Wo If yes, indicate Duplic	cate/split sample station ID:	
GPS Coordinates: Trimble [X] Instrument #: 016144	Logged? (Y or N	
Aliquot #1: Latitude: 33-55923156°	N Longitude 86-806419990	_W
Media description: W D 043A	dk/bun sity cl f drup w/	bits ot co
Aliquot #2 Latitude: 33. 55930886°	N Longitude 86-80637200°	_W
Media description: 20043A2	Sam soil	
Aliquot #3: Latitude: 33.55924132°	N Longitude 86. 80631946°	_W
Media description: (NOO43 #3	San soil	
Aliquot #4: Latitude: 33, 559 18386°	N Longitude 86.86621038°	_W
Media description: CV 20 43 A4	some soil	
Aliquot #5: Latitude: 33. 559243340	N Longitude 86-806182590	_W
Media description: W00 43A5	Saresoil	
STATION ID: CVDOLBB	SAMPLE ID: CV DØ 43B-	
SAMPLE COLLECTION TIME: 1/50  Description of sample location (front, back, side yard; ve		
Description of sample location (front, back, side yard; ve	egetable garden; play set; ditch, etc):	
Description of sample location (front, back, side yard; vectors)  Collection: Composite or Grab	egetable garden; play set; ditch, etc):  MS/MSD? Y or N	
Description of sample location (front, back, side yard; very dalle //3 of parce)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic	MS/MSD? Y or Neate/split sample station ID:	
Description of sample location (front, back, side yard; verification: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic  GPS Coordinates: Trimble [X] Instrument #: 01614	MS/MSD? Y or N  cate/split sample station ID:  Logged? Y or N	
Description of sample location (front, back, side yard; very location: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic  GPS Coordinates: Trimble [X Instrument #: 01614]  Aliquot #1: Latitude: 33-35933552°	MS/MSD? Y or N  eate/split sample station ID:  Logged? Por N  N Longitude 86.806357040	_W
Description of sample location (front, back, side yard; very date /3 of parce)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic  GPS Coordinates: Trimble [X Instrument #: 016]  Aliquot #1: Latitude: 33.35933552°  Media description: O 0438(	MS/MSD? Y or N  cate/split sample station ID:  Logged? Y or N  N Longitude 86.806357040  AY/bim S/ty CL f dmp	
Description of sample location (front, back, side yard; very date /3 of parce)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic  GPS Coordinates: Trimble [X Instrument #: 01614  Aliquot #1: Latitude: 33-35933552°  Media description: CV 99438(  Aliquot #2 Latitude: 33-35939014°	MS/MSD? Y or N  Eate/split sample station ID:  Logged? For N  N Longitude 86.806357040  AY bim 5/ty CL f dmg  N Longitude 86/80631836	
Description of sample location (front, back, side yard; very location: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic  GPS Coordinates: Trimble [X Instrument #: 01614]  Aliquot #1: Latitude: 33-35933552°  Media description: CV \$ 44384  Aliquot #2 Latitude: 33-35939014°  Media description: CV \$ 44382	MS/MSD? Y or N  cate/split sample station ID:  Logged? For N  N Longitude 86.806357040  AK/bim S/ty CL f day  N Longitude 86/80631836  SGM 50:	_W _W
Description of sample location (front, back, side yard; very location: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic  GPS Coordinates: Trimble [X Instrument #: 01614]  Aliquot #1: Latitude: 33-35933552°  Media description: CV 994384  Aliquot #2 Latitude: 33-359399999999999999999999999999999999	MS/MSD? Y or N  cate/split sample station ID:  Logged? Y or N  N Longitude 86.806357040  AY/bim 5/ty CL f dry  N Longitude 86/80631836  SGM 50.1  N Longitude 86.806250640	
Description of sample location (front, back, side yard; verification)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic  GPS Coordinates: Trimble [X Instrument #: 01614]  Aliquot #1: Latitude: 33-359335520  Media description: CV 994384  Aliquot #2 Latitude: 33-359390140  Media description: CV 994382  Aliquot #3: Latitude: 33-359337190  Media description: CV 994383	MS/MSD? Y or N  Exactsplit sample station ID:  Logged? Por N  N Longitude 86.80635704°  AY bim 5/ty CL f dmg  N Longitude 86/80631836°  Sam 50:  N Longitude 86.80625064°  Sam 50:  N Longitude 86.80625064°  Sam 50:  N Longitude 86.80625064°	W 
Description of sample location (front, back, side yard; verification)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic  GPS Coordinates: Trimble [X] Instrument #: 01614  Aliquot #1: Latitude: 33-35933552°  Media description: CN \$64384  Aliquot #2 Latitude: 33-35933719°  Media description: CN \$64383  Aliquot #4: Latitude: 33 559 38471°	MS/MSD? Y or N  Exact/split sample station ID:  Logged? Por N  N Longitude 86.806357040  AY/bim S/ty CL f dry  N Longitude 86.80631836  SGM 50:  N Longitude 86.806250640  SGM 50:  N Longitude 86.806250640  SGM 50:  N Longitude 86.806175170	_W _W
Description of sample location (front, back, side yard; verification)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic  GPS Coordinates: Trimble [X Instrument #: 01614]  Aliquot #1: Latitude: 33-35933552°  Media description: CN \$64384  Aliquot #3: Latitude: 33-35933719°  Media description: CN \$64383  Aliquot #4: Latitude: 33-55938471°  Media description: CN \$64384	MS/MSD? Y or N  eate/split sample station ID:  Logged? Por N  N Longitude 86.80635704°  AY/bim S/ty CL f day  N Longitude 86.80631836°  SGM 50:  N Longitude 86.80625064°  SGM 50:  N Longitude 86.80625064°  SGM 50:  N Longitude 86.80617517°  SGM 50:  N Longitude 86.80617517°  SGM 50:  N Longitude 86.80617517°	W 
Description of sample location (front, back, side yard; verification)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic  GPS Coordinates: Trimble [X Instrument #: O1614]  Aliquot #1: Latitude: 33-359335520  Media description: CV \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	MS/MSD? Y or N  Exact/split sample station ID:  Logged? Por N  N Longitude 86.806357040  AY/bim S/ty CL f dry  N Longitude 86.80631836  SGM 50:  N Longitude 86.806250640  SGM 50:  N Longitude 86.806250640  SGM 50:  N Longitude 86.806175170	_W _W _W
Description of sample location (front, back, side yard; verification)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No Tyes, indicate Duplic  GPS Coordinates: Trimble [X Instrument #: O1614]  Aliquot #1: Latitude: 33-359335520  Media description: CV \$ 44384  Aliquot #2 Latitude: 33-359390140  Media description: CV \$ 4383  Aliquot #3: Latitude: 33-359337190  Media description: CV \$ 4383  Aliquot #4: Latitude: 33-55934710  Media description: CV \$ 4384  Aliquot #5: Latitude: 33-559340030  Media description: CV \$ 44385	MS/MSD? Y or N  Exact/split sample station ID:  Logged? Por N  N Longitude 86.80635704°  AY/bim S/ty CL f dmp  N Longitude 86.80631836°  SGM 50.1  N Longitude 86.80625064°  SGM 50.1  N Longitude 86.80617517°  SGM SO.1  N Longitude 86.80615919°  SGM SO.1	_W _W _W
Description of sample location (front, back, side yard; very local location)  Collection: Composite or Grab  Field Duplicate or Split: Yes or No Hyes, indicate Duplic  GPS Coordinates: Trimble [X Instrument #: 01614]  Aliquot #1: Latitude: 33-359335520  Media description: CV \$ 44384  Aliquot #2 Latitude: 33-359390140  Media description: CV \$ 44384  Aliquot #3: Latitude: 33-359390140  Media description: CV \$ 44384  Aliquot #4: Latitude: 33-359390140  Media description: CV \$ 44384  Aliquot #4: Latitude: 33-359390140  Media description: CV \$ 44384  Aliquot #5: Latitude: 33-559340030	MS/MSD? Y or N  Cate/split sample station ID:  MY Longitude 86.80635704°  AY/bim S/ty CL f dry  N Longitude 86.80631836°  SGM 50.1  N Longitude 86.80625064°  SGM 50.1  N Longitude 86.80615919°  SGM SOIL  N Longitude 86.80615919°  SGM SOIL  N Longitude 86.80615919°  SGM SOIL	_W _W _W

(b) (6)	(On.) PROPERTY ID: CV DOWN (CON.)
DATE:	ARRIVAL TIME:
Other pertinent information (weather	onditions, etc.):
PROPERTY COMMENTS:	
-	
Grid for property sketch	

STATION ID: CV DO43C	SAMPLE ID: CV 9443C-CS
SAMPLE COLLECTION TIME: 1225	
Description of sample location (front, back, side yard; v	regetable garden; play set; ditch, etc):
Northern /3 of paccel	
Collection: Composite or Grab	MS/MSD? Y or N
Field Duplicate or Split: Yes or Jyes, indicate Dupli	cate/split sample station ID:
GPS Coordinates: Trimble [ Instrument #: 016	Logged? Y or N
Aliquot #1: Latitude: 33.55941135	N Longitude 86-80630753° W
Media description: W 00 436 ]	dx/bun Stych f dap
Aliquot #2 Latitude: 33_559470580	N Longitude 86-80626626° W
Media description: W 0043C2	Sam Spil
Aliquot #3: Latitude: 33-559413190	N Longitude 86.806204773 W
Media description: W0043C3	Same soil
Aliquot #4: Latitude: 33.55937057	N Longitude 86-80614483° W
Media description:	Same Soil
Aliquot #5: Latitude: 33-55943454°	N Longitude 86.80613104° W
Media description: W 004365	59 ml 50,
STATION ID:	SAMPLE ID:
STATION ID:SAMPLE COLLECTION TIME:	SAMPLE ID:
SAMPLE COLLECTION TIME:	
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard; v	regetable garden; play set; ditch, etc):  MS/MSD? Y or N
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard; v  Collection: Composite or Grab	regetable garden; play set; ditch, etc):  MS/MSD? Y or N
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard; v  Collection: Composite or Grab  Field Duplicate or Splits, Yes or No If yes, indicate Dupli	MS/MSD? Y or N cate/split sample station ID:
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard; v  Collection: Composite or Grab  Field Duplicate or Splite. Yes or No If yes, indicate Dupli  GPS Coordinates: Trimble [ ] Instrument #:	MS/MSD? Y or N  cate/split sample station ID:  Logged? Y or N
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard; v  Collection: Composite or Grab  Field Duplicate or Splite. Yes or No If yes, indicate Dupli  GPS Coordinates: Trimble [ ] Instrument #:  Aliquot #1: Latitude:	MS/MSD? Y or N  cate/split sample station ID:  Logged? Y or N
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard; v  Collection: Composite or Grab  Field Duplicate or Splite. Yes or No If yes, indicate Dupli  GPS Coordinates: Trimble [ ] Instrument #:  Aliquot #1: Latitude:  Media description:	MS/MSD? Y or N  cate/split sample station ID:  Logged? Y or N  N Longitude  W
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard; vector)  Collection: Composite or Grab  Field Duplicate or Splite. Yes or No If yes, indicate Duplicate Of School of Splite. Trimble [1] Instrument #:	MS/MSD? Y or N  cate/split sample station ID:  Logged? Y or N  N Longitude  W
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard; v  Collection: Composite or Grab  Field Duplicate or Splite. Yes or No If yes, indicate Dupli  GPS Coordinates: Trimble [ ] Instrument #:  Aliquot #1: Latitude:  Media description:  Media description:	MS/MSD? Y or N  cate/split sample station ID:  Logged? Y or N  N Longitude  W  N Longitude  W
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard; v  Collection: Composite or Grab  Field Duplicate or Splite Yes or No If yes, indicate Dupli  GPS Coordinates: Trimble [ ] Instrument #:  Aliquot #1: Latitude:  Media description:  Aliquot #3: Latitude:  Aliquot #3: Latitude:	MS/MSD? Y or N  cate/split sample station ID:  Logged? Y or N  N Longitude  W  N Longitude  W
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard; vector)  Collection: Composite or Grab  Field Duplicate or Splite. Yes or No If yes, indicate Duplicate Duplicate or Splite. Yes or No If yes, indicate Duplicate Duplicate Duplicate or Splite. Yes or No If yes, indicate Duplicate Duplicate Duplicate Or Splite. Yes or No If yes, indicate Duplicate D	MS/MSD? Y or N  cate/split sample station ID:  Logged? Y or N  N Longitude  W  N Longitude  W  N Longitude  W  N Longitude  W
SAMPLE COLLECTION TIME:  Description of sample location (front, back, side yard; v  Collection: Composite or Grab  Field Duplicate or Split. Yes or No If yes, indicate Dupli  GPS Coordinates: Trimble [ ] Instrument #:	MS/MSD? Y or N  cate/split sample station ID:  Logged? Y or N  N Longitude  W  N Longitude  W  N Longitude  W  N Longitude  W

ADDRESS: (b) (6)  DATE: 11/14/12 ARRIVAL TIME	PROPERTY ID: CV Ø688  ME: 1408
Other pertinent information (weather conditions, etc.):	
PROPERTY COMMENTS:  No gardens or playsots  car parted on front I gwn,	appears to be permaient fix ture Stationary
Grid for property sketch	62
Fortporch	Tar port
A)	Dame way
1 to 3 = 28 feet 1 to 3 = 29.5 feet 2	3ck yard (B) to 3 = 42 feet to 3 = 23 feet to 5 = 31 feet to 110 usc = 42 feet

STATION ID: CV Ø 688A SAMPLE ID: W)	06884-1
AMPLE COLLECTION TIME: 1430	
bescription of sample location (front, back, side yard; vegetable garden; play set; ditch, et	c):
Ront 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 [X] Instrument #: 016144 Logged? (Y) or	N
Aliquot #1: Latitude: 33.55917143° N. Longitude 86, 802 50	09690 W
Media description: CV \$688A1 dK/bwa Slty CL	
Aliquot #2 Latitude: 33-55915180° N Longitude 86. 8024	
Media description: CV \$688A2 Same 501	
Miquot #3: Latitude: 33 55913938° N. Longitude 86-8025	34550 W
Media description: CV \$688A3 Same Soil	
Aliquot #4: Latitude: 33.5590 9881° N. Longitude 86.8626	0780° W
Media description: CND688A4 59mc Soil	
Aliquot #5: Latitude: 33-55905130° N Longitude 86-802	54941° w
Media description: CV \$688A5 Same Soil	
AMPLE COLLECTION TIME: 1450	
SAMPLE COLLECTION TIME: 1450 Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et	
SAMPLE COLLECTION TIME: 1450 Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et	c):
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et Back yard  Collection: Composite or Grab MS/MSD? Y	c):
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et  Collection: Composite or Grab  MS/MSD? Y  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:  GPS Coordinates: Trimble [ Instrument #: 0161-17 Logged? Y or	or N
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et Collection: Composite or Grab MS/MSD? Y Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:  GPS Coordinates: Trimble [X] Instrument #: 016147 Logged? Y or Aliquot #1: Latitude: 33.5589 7638° N Longitude 86.8024	or <b>V</b> N 0977° W
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et Collection: Composite or Grab  MS/MSD? Y  Gield Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:  GPS Coordinates: Trimble [X Instrument #: 016147 Logged? Y or Aliquot #1: Latitude: 33.5589 7638 N Longitude 86.8924 Media description: CN 0688 B Low SHA Me	or ©  N  0977° W  f dmp
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et Back, side yard; vegetable	or ©  N 0977° W  f dmp 8605° W
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et BCAC YAA  Collection: Composite or Grab MS/MSD? Y  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:  GPS Coordinates: Trimble [X Instrument #: 046117 Logged? Y or Aliquot #1: Latitude: 33.5589 7638° N Longitude 86.8029 Media description: CN 068882 N Longitude 86.8029 Media description: 33.55882 N Longitude 86.8022 Media description: 33.55882 N Longitude 86.8022 Media description: 33.55886979 N Longitude 86.8022 Media description: 33.55886979 N Longitude 86.8022 Media description: 33.55886979 N Longitude 86.8022 Media description: 33.558846979 N Longitude 86.8022 Media description: 33.55886979 Media description: 33	or 80 N 0977° W f dmp 8605° W L f dryp
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et BCM Yard  Collection: Composite or Grab  MS/MSD? Y  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:  GPS Coordinates: Trimble [X Instrument #: 016149 Logged? V) or Miquot #1: Latitude: 33.55897638 N Longitude 86.8029  Media description: ON OG888 N Longitude 86.8029  Media description: 33.55893892 N Longitude 86.8022  Media description: 33.55893892 N Longitude 86.8022	or 80 N 0977° W - f dmp 8605° W L f dmp 7104° W
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et Beck yard  Collection: Composite or Grab  MS/MSD? Y  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:  GPS Coordinates: Trimble [X] Instrument #: DIGITY Logged? (V) or Aliquot #1: Latitude: 33.55897638 N Longitude 86.8929  Media description: ON OG88B N Longitude 86.8929  Media description: 33.55893892 N Longitude 86.8929  Miquot #2 Latitude: W 668B N Longitude 86.8929  Media description: 33.55893892 N Longitude 86.8022  Media description: 33.55893892 N Longitude 86.8022  Media description: CV 0688B N Longitude 86.8022	or 80 N 0977° W - f dmp 8605° W L f dmp 7104° W f dmp W
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et Recold yard  Collection: Composite or Grab  MS/MSD? Y  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:  GPS Coordinates: Trimble [X] Instrument #: 01617 Logged? Y or Media description: ON O688 B N Longitude 86, 8024 Media description: ON O688 B N Longitude 86, 8022 Media description: 33, 55 893872 N Longitude 86, 8022 Media description: ON O688 B N Longitude 8	or 80 N 0977° W - f dmp 8605° W L f dmp 7104° W f dmp W
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et BCAC YAA  Collection: Composite or Grab MS/MSD? Y  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:  GPS Coordinates: Trimble [ ** Instrument #: OLD 4 Y Logged? ** Y or Media description: CN OLS Y B Aliquot #2 Latitude: 33.5589 7638 N Longitude 86.8024  Media description: 33.55893892 N Longitude 86.8022  Media description: CN OLS Y B Aliquot #3: Latitude: 33.55893892 N Longitude 86.8022  Media description: CN OLS Y B Aliquot #4: Latitude: 33.55800649 N Longitude 86.8022  Media description: CN OLS Y B Aliquot #4: Latitude: 33.55800649 N Longitude 86.8022  Media description: CN OLS Y B Aliquot #4: Latitude: 33.55800649 N Longitude 86.8022  Media description: CN OLS Y B Aliquot #4: Latitude: 33.55800649 N Longitude 86.8022	or 80 N 0977° W - f dmp 8605° W L f dmp 7104° W f dmp m/s 1196° W f dmp
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, et Recold yard  Collection: Composite or Grab  MS/MSD? Y  Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:  GPS Coordinates: Trimble [x] Instrument #: 01617 Logged? Y or Media description: ON O688 B N Longitude 86, 8024 Media description: ON O688 B N Longitude 86, 8024 Media description: 33, 55 886979 N Longitude 86, 8022 Media description: ON O688 B N Longitude 8	or 80 N 0977° W - f dmp 8605° W L f dmp 7104° W f dmp W 196° W Edmp

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