

App E –
Sub-Area 2.1.COC Forms

FIELD COPY

Page: _____ of _____ Project #: GEL Quote #: COC Number (1): PO Number:	GEL Chain of Custody and Analytical Request **See www.gel.com for GEL's Sample Acceptance SOP** GEL Work Order Number:	GEL Laboratories, LLC 2040 Savage Road Charleston, SC 29407 Phone: (843) 556-8171 Fax: (843) 766-1178
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Client Name:	Phone #:	Sample Analysis Requested (5) (Fill in the number of containers for each test)																																																																																																																																																																																																																																																																																																																																																																																																																
Project/Site Name:	Fax #:	Should this sample be considered:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400
Preservative Type (6)																																																																																																																																																																																																																																																																																																																																																																																																																		

Sample ID <small>*For composites - indicate start and stop date/time</small>	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (3)	Field Filtered (Y/N)	Sample Matrix (4)	Radi oactive	TSC A Regulated per of	Should this sample be considered:	Comments Note: extra sample is required for sample specific QC																																																																																										
										1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
1.1.C1	10/22/15																																																																																																		
1.1.C2	10/22/15																																																																																																		
1.1.C3	10/22/15																																																																																																		
1.2.C1	10/22/15																																																																																																		
1.2.C2	10/22/15																																																																																																		
1.2.C3	10/22/15																																																																																																		
1.1.R5	10/22/15		EB																																																																																																
1.2.R5	10/22/15																																																																																																		

TAT Requested: Normal: _____ Rush: _____ Specify: _____ (Subject to Surcharge) Fax Results: Yes / No Circle Deliverable: C of A / QC Summary / Level 1 / Level 2 / Level 3 / Level 4

Remarks: Are there any known hazards applicable to these samples? If so, please list the hazards

Sample Collection Time Zone
 Eastern Pacific
 Central Other _____
 Mountain

Chain of Custody Signatures						Sample Shipping and Delivery Details			
Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time	GEL PM:			
1			1			Method of Shipment:		Date Shipped:	
2			2			Airbill #:			
3			3			Airbill #:			

- 1.) Chain of Custody Number - Client Determined
 2.) QC Codes: N = Normal Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike Sample, MSD = Matrix Spike Duplicate Sample, G = Grab, C = Composite
 3.) Field Filtered: For liquid matrices, indicate with a - Y - for yes the sample was field filtered or - N - for sample was not field filtered.
 4.) Matrix Codes: DW=Drinking Water, GW=Groundwater, SW=Surface Water, WW=Waste Water, W=Water, ML=Misc Liquid, SO=Soil, SD=Soilment, SL=Sludge, SS=Solid Waste, O=Oil, F=Filter, P=Wiper, U=Urine, F=Faecal, N=...
 5.) Sample Analysis Requested Analytical method requested (i.e. 8260B, 6010M/7470A) and number of containers provided for each (i.e. 8260B - 3, 6010M/7470A - 1)
 6.) Preservative Type: HA = Hydrochloric Acid, NI = Nitric Acid, SH = Sodium Hydroxide, SA = Sulfuric Acid, AA = Ascorbic Acid, HX = Hexane, ST = Sodium Thiosulfate, If no preservative is added = leave field blank
- WHITE = LABORATORY YELLOW = FILE PINK = CLIENT**

For Lab Receiving Use Only

Custody Seal Intact?
 YES NO

Cooler Temp:
 C

Field Copy

Page: _____ of _____	GEL Chain of Custody and Analytical Request **See www.gel.com for GEL's Sample Acceptance SOP**	GBL Laboratories, LLC 2040 Savage Road Charleston, SC 29407 Phone: (843) 556-8171 Fax: (843) 766-1178
Project #:		GEL Work Order Number:
GEL Quote #:		
COC Number ⁽¹⁾ :		
PO Number:		

Client Name:	Phone #:	Sample Analysis Requested ⁽⁵⁾ (Fill in the number of containers for each test)													
Project/Site Name:	Fax #:	Should this sample be considered												<- Preservative Type (6)	
Address:															
Collected by:	Send Results To:	Radi ocli ve	TSC A Regu lated												Comments Note: extra sample is required for sample specific QC

Sample ID <small>* For composites - indicate start and stop date/time</small>	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code ⁽¹⁾	Field Filtered ⁽¹⁾	Sample Matrix ⁽²⁾	Radiocli ve	TSC A Regu lated	per of															
✓ 2.1.1.R.1	10-23-15	1320	N																				
✓ 2.1.1.R.2	10-23-15	1330	N																				
✓ 2.1.1.R.3	10-23-15	1420	N																				
✓ 2.1.1.R.5	10-23-15	1325	N																				
✓ 2.1.2.R.1	10-23-15	13:50	N																				
✓ 2.1.2.R.2	10-23-15	14:00	N																				
✓ 2.1.3.R.1	10-23-15	14:15	N																				
✓ 2.1.3.R.2	10-23-15	14:25	N																				
✓ 2.1.3.R.5	10-23-15	14:25	FD																				
✓ 2.1.4.R.1	10-23-15	14:40	N																				

TAT Requested: Normal / Rush: Specify (Subject to Surcharges) / Fax Results: Yes / No / Circle Deliverable: C of A / QC Summary / Level 1 / Level 2 / Level 3 / Level 4

Remarks: Are there any known hazards applicable to these samples? If so, please list the hazards

Sample Collection Time Zone
 Eastern Pacific
 Central Other _____
 Mountain

Chain of Custody Signatures						Sample Shipping and Delivery Details			
Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time	GEL PM:			
1			1			Method of Shipment:		Date Shipped:	
2			2			Airbill #			
3			3			Airbill #			

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 5) Sample Analysis Requested: Analytical method requested (i.e. 8260B, 6010B/7470A) and number of containers provided for each (i.e. 8260B - 3, 6010B/7470A - 1)
 6) Preservative Type: HA = Hydrochloric Acid, NI = Nitric Acid, SH = Sodium Hydroxide, SA = Sulfuric Acid, AA = Ascorbic Acid, HX = Hexane, ST = Sodium Thiosulfate. If no preservative is added = leave field blank

WHITE = LABORATORY YELLOW = FILE PINK = CLIENT

For Lab Receiving Use Only

Custody Seal Intact?
 YES NO

Cooler Temp
 C

Entered COC 10/23

Field Copy

Page: _____ of _____	GEL Chain of Custody and Analytical Request **See www.gel.com for GEL's Sample Acceptance SOP**	GEL Laboratories, LLC
Project #:		2040 Savage Road
GEL Quote #:		Charleston, SC 29407
COC Number (1):		Phone: (843) 556-8171
PO Number:	GEL Work Order Number:	Fax: (843) 766-1178

Client Name:	Phone #:	Sample Analysis Requested (5) (Fill in the number of containers for each test)	
Project/Site Name:	Fax #:	Should this sample be considered	-- Preservative Type (6)

Address:	Send Results To:	TSC A Regulated	ber of	Comments Note: extra sample is required for sample specific QC
Collected by:				

Sample ID <i>* For composites - indicate start and stop date/time</i>	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (4)	Field Filtered (4)	Sample Matrix (6)	Rad	TSC A	ber of											
√ 2.1.4.R.2	10-23-15	14:50	N																
√ 2.1.4.R.6	10-23-15	15:50	EB																
√ 2.1.4.R.7	10-23-15	16:00	EB																

TAT Requested: Normal. Rush: _____ Specify: _____ (Subject to Surcharge) Fax Results. Yes / No Circle Deliverable: C of A / QC Summary / Level 1 / Level 2 / Level 3 / Level 4

Remarks: Are there any known hazards applicable to these samples? If so, please list the hazards

Sample Collection Time Zone
Eastern Pacific
Central Other _____
Mountain

Chain of Custody Signatures						Sample Shipping and Delivery Details	
Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time	GEL PM:	
1			1			Method of Shipment:	Date Shipped
2			2			Airbill #:	
3			3			Airbill #:	

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- Sample Analysis Requested: Analytical method requested (i.e. 8260B, 6010B/7470A) and number of containers provided for each (i.e. 8260B - 3, 6010B/7470A - 1).
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WHITE = LABORATORY YELLOW = FILE PINK = CLIENT

For Lab Receiving Use Only	
Custody Seal Intact?	YES / NO
Cooler Temp	C

*Entered
2010-10-27*

App E –

Sub-Area 2.1. Instrument Field Sheets

Instrument Field Response Check Log

1. Instrument Information¹

Ratemeter: Make/Model: LUDLUM 2241-2 Serial No. 262737 Cal. Due Date: 9/2/16
 Detector 1: Make/Model: LUDLUM 44-10 Serial No. PR11127
 Bicron MicroRem Meter: Serial No. A2244 Cal. Due Date: 8/4/16

2. Check Source Information:

Source 1 Isotope: Th232 Serial No.: 116 Activity: 0.1 units: uCi Assay Date: 12/30/10
 Response Acceptance Range (+/-20%): uRem/hr +20% _____ uRem/hr -20% _____ net cpm +20% _____ net cpm -20% _____

Source 2 Isotope: Cs137 Serial No.: 87E13-48 Activity: 0.2 units: uCi Assay Date: 1/20/10
 Response Acceptance Range (+/-20%): uRem/hr +20% _____ uRem/hr -20% _____ net cpm +20% _____ net cpm -20% _____

3. Technician/Worker Performing Checks:

Name: STEVE KINSMAN Title: _____ Date: 10/23/15 Time: 0900

4. Site or Location:

Site/Job: 2.1 Location Description: _____
 GPS Coordinates (when required): X-Coord: N42.48316 Y-Coord: W78.70142

Instrument Field Response ²					Use Acceptance Criteria					Remarks
Meter	Bkg Cnt Time	Bkg Counts (cpm) or uRem/hr	Source Cnt Time	Source Response (gross cpm or uRem/hr)	+/- 20% source gross cpm or uRem/hr (Y/N)	Inst. Calib. current (Y/N)	Battery Check (Y/N)	Time Of check	Ambient Temp. (°F)	Initials and Comments (add'l info: inst. Condition, etc.)
Ratemeter	1min	7407	1min	18526		Y	Y	0900	37.9	Th232
Ratemeter	1min	7407	1min	10965		Y	Y	0900	37.9	Cs137
Ratemeter	1min	8606	1min	19160		Y	Y	1230	49.4	Th232
Ratemeter	1min	8606	1min	12192		Y	Y	1230	49.4	Cs137
Ratemeter	1min	7523	1min	11171		Y	Y	1510	52.8	Th232/Cs137
Ratemeter	1min	7523	1min	19582		Y	Y	1510	52.8	Cs137/Th232
Bicron	NA	6	NA	16		Y	Y	0900	37.9	
Bicron	NA	7	NA	18		Y	Y	1230	49.4	
Bicron	NA	6	NA	18		Y	Y	1510	52.8	

- Instrument designated check source is listed on calibration sticker. Record check source response (net cpm) prior to field deployment for all check sources being used.
- Source and Background count rate should be determined from the average of three static counts at the same location. Repeat counts should be within 20%. If count rate diverges significantly, perform additional counts to evaluate instrument stability

Instrument Field Response Check Log

1. Instrument Information¹

Ratemeter: Make/Model: Liutron 2241-2 Serial No. 206898 Cal. Due Date: 09/01/16
 Detector 1: Make/Model: Liutron 44-16 Serial No. PR12642 Cal. Due Date: _____
 Bicron MicroRem Meter: Serial No. _____ Cal. Due Date: _____

2. Check Source Information:

Source 1 Isotope: Th-232 Serial No.: 111 Activity: 4.1 units: uCi Assay Date: 12/30/10
 Response Acceptance Range (+/-20%): uRem/hr +20% _____ uRem/hr -20% _____ net cpm + 20% 53798 net cpm -20% 35866
 Source 2 Isotope: Cs-137 Serial No.: 119E23-12 Activity: 0.02 units: uCi Assay Date: NA
 Response Acceptance Range (+/-20%): uRem/hr +20% _____ uRem/hr -20% _____ net cpm + 20% 5273 net cpm -20% 8549

3. Technician/Worker Performing Checks:

Name: J. Edwards Title: RCT Date: 12/29/15 Time: 0902

4. Site or Location:

Site/Job: Area 2.1 Location Description: Soby Dam
 GPS Coordinates (when required): X-Coord: N 42.48212° Y-Coord: W 078.70197°

Instrument Field Response ²					Use Acceptance Criteria				Remarks	
Meter	Bkg Cnt Time	Bkg Counts (cpm) or uRem/hr	Source Cnt Time	Source Response (gross cpm or uRem/hr)	+/- 20% source gross cpm or uRem/hr (Y/N)	Inst. Calib. current (Y/N)	Battery Check (Y/N)	Time Of check	Ambient Temp. (°F)	Initials and Comments (add'l Info: Inst. Condition, etc.)
Ratemeter	1 min	8728 cpm	1 min	41841 cpm	Y	Y	Y	0907	34.7	Th-232 J.E.
Ratemeter			1 min	105491 cpm	Y	Y	Y	0912	34.9	Cs-137 J.E.
Ratemeter										
Ratemeter										
Bicron	NA		NA							
Bicron	NA		NA							
Bicron	NA		NA							
Bicron	NA		NA							

1. Instrument designated check source is listed on calibration sticker. Record check source response (net cpm) prior to field deployment for all check sources being used.
 2. Source and Background count rate should be determined from the average of three static counts at the same location. Repeat counts should be within 20%. If count rate diverges significantly, perform additional counts to evaluate instrument stability



Instrument Field Response Check Log

1. Instrument Information¹

Ratemeter: Make/Model: Ludlum 224-2 Serial No. 206098 Cal. Due Date: 09/01/16
 Detector 1: Make/Model: Ludlum 44-10 Serial No. PE112642
 Bicron MicroRem Meter: Serial No. _____ Cal. Due Date: _____

2. Check Source Information:

Source 1 isotope: Th-232 Serial No.: 111 Activity: 0.01 units: µCi Assay Date: 12/30/10
 Response Acceptance Range (+/-20%): uRem/hr +20% _____ uRem/hr -20% _____ net cpm + 20% 53798 net cpm -20% 35860
 Source 2 isotope: Cs-137 Serial No.: V9E23-12 Activity: 0.02 units: µCi Assay Date: NA
 Response Acceptance Range (+/-20%): uRem/hr +20% _____ uRem/hr -20% _____ net cpm + 20% 13273 net cpm -20% 8849

3. Technician/Worker Performing Checks:

Name: J. Edwards Title: RCT Date: 10/23/15 Time: 1229

4. Site or Location:

Site/Job: Area 2.1 Location Description: Scoby Dam
 GPS Coordinates (when required): X-Coord: N42.48217° Y-Coord: W078.70197°

Instrument Field Response ²					Use Acceptance Criteria					Remarks
Meter	Bkg Cnt Time	Bkg Counts (cpm) or uRem/hr	Source Cnt Time	Source Response (gross cpm or uRem/hr)	+/- 20% source gross cpm or uRem/hr (Y/N)	Inst. Calib. current (Y/N)	Battery Check (Y/N)	Time Of check	Ambient Temp. (°F)	Initials and Comments (add'l info: inst. Condition, etc.)
Ratemeter	1min	9314 cpm	1min	46913 cpm	Y	Y	Y	1234	50.1	Th-232 JE
Ratemeter			1min	11532 cpm	Y	Y	Y	1239	50.3	Cs-137 JE
Ratemeter										
Ratemeter										
Bicron	NA		NA							
Bicron	NA		NA							
Bicron	NA		NA							
Bicron	NA		NA							

- Instrument designated check source is listed on calibration sticker. Record check source response (net cpm) prior to field deployment for all check sources being used.
- Source and background count rate should be determined from the average of three static counts at the same location. Repeat counts should be within 20%. If count rate diverges significantly, perform additional counts to evaluate instrument stability

← Scoby Dam

10/23/15

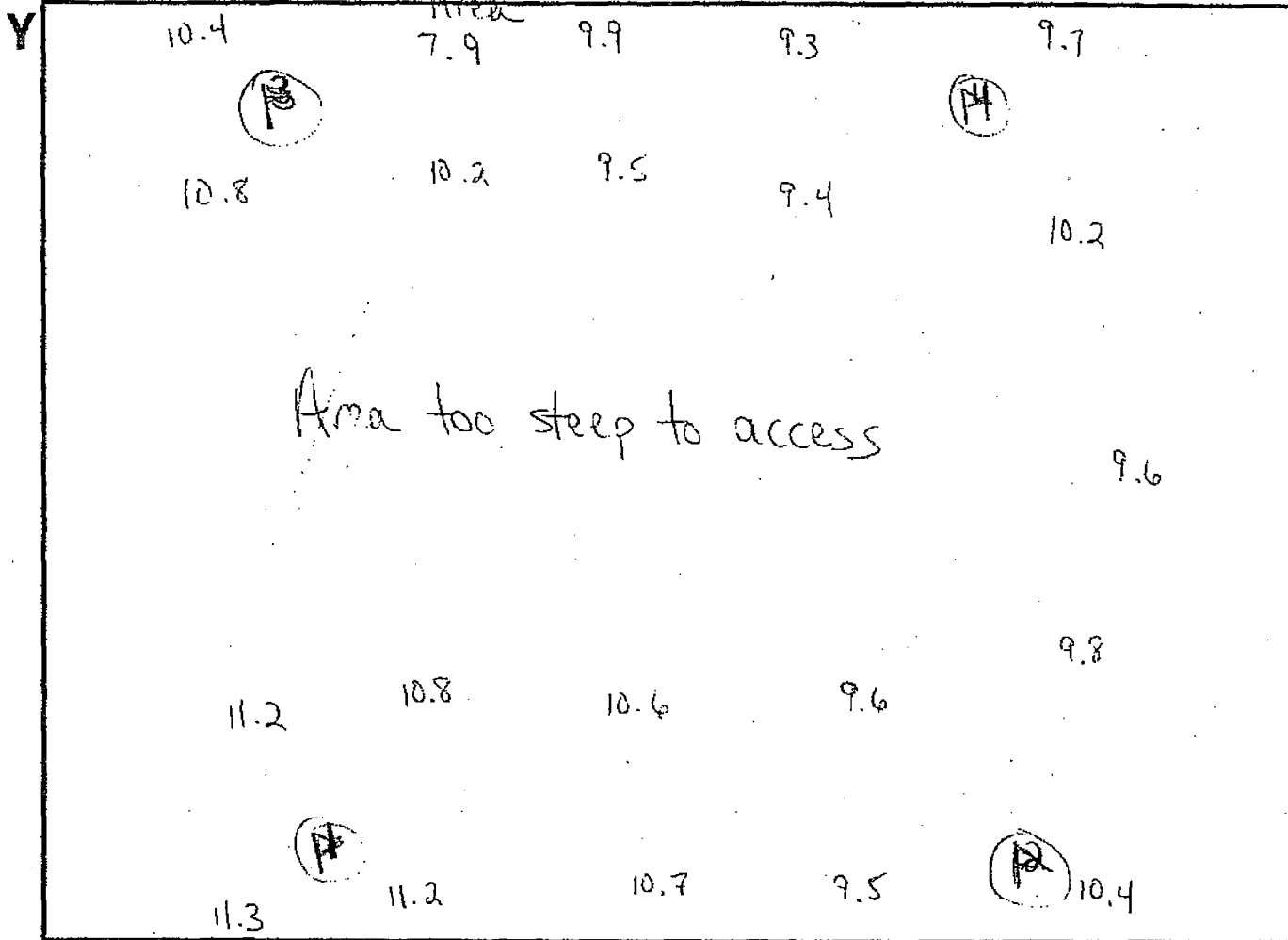
Grid Pattern Manual Data Collection Form

10/19/15

Three

Swampy Area
AREA 2.1

Four



(X,0)

All readings in Kcpm and at 2cm

from ground → X

One

Two

(P) - flags marking

One ^{Lon} Lat. N 42° 28' 48.05 ^{Lat} corners of 2.1 Lon. W 78° 42' 03.12

Up = N S (E) W

(circle)

Two ^{Lon} Lat. N 42° 28' 47.53 ^{Lon} W 78° 42' 03.12

Three ^{Lon} Lat. N 42° 28' 48.05 ^{Lon} W 78° 42' 02.35

Dimension (1 to 2) 12 Meters

Four ^{Lon} Lat. N 42° 28' 47.53 ^{Lon} W 78° 42' 02.35

Dimensions (1 to 3) 15 Meters

App E-
Sub-Area 2.1. Sample Data Sheets

SAMPLE LOCATION DATA SHEET

Date: 10-23-15 Project: NYSERDA Name: Teri Brown

Weather: sunny, cold

1. Sample Area (SA):

SA Designation: 2.1 Description: Woods
 SA Origin Location: N 42.47994° W 78.70075° Coord. System: N/W
 SA Land Mark Description: end scooby road Coord: N 42.48316° W 78.70142°

2. Sample Location Data:

Sample Area ID: 2.1.1 Matrix: Soil
 Location Coord: W 78.70070° N 42.47993°

Alternate Location Measurements (distance from SA origin and Local Coord.) Tree in clearing by river
 X-Dist. from Origin (0,0) N 42.47991° Y-Dist. from Origin W 78.70023 50 yds E from 2.1.1
 TB 10/23

Site Sketch Attached (Yes) (NO)

Sample Location Description: under trees, on slope, covered in leaves, by W tree line

Canopy Type: Wooded Land Use: Hiking Soil Moisture (Wet, dry, etc.): Day

3. Location Radiation Readings:

Count time (min)	2x2 NaI (cpm)		Bicron (uRem/hr)		Notes
	1 cm	1m	1 cm	1m	
1	10375	9625	7	7	N/A
1	10368	9827			N/A

4. Sample Information:

Sample Area ID: 2.1.1.R.1-3,5

Description by Depth:

Depth Interval (cm)	Soil Type (Org; clay; sand, etc.)	Soil Color	Sample ID	Sampling Description (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil	brown	2.1.1.R.1	some roots
5-15	soil	brown	2.1.1.R.2	rocks & roots
15-100	compact soil	tan	2.1.1.R.3	so compacted it was like concrete
0-15	soil	brown	2.1.1.R.5	some roots
0-15	soil	brown	2.1.1.R.5	some roots

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)



SAMPLE LOCATION DATA SHEET

Date: 10-23-15 Project: NYSEEDA Name: Tori Brown

Weather: Sunny, warm

1. Sample Area (SA):

SA Designation: 2.1 Description: Woods
 SA Origin Location: N42.47994° W78.70075° Coord. System: NW
 SA Land Mark Description: Scout road end Coord: N42.48316° W078.70142°

2. Sample Location Data:

Sample Area ID: 2.1.2 Matrix: Soil

Location Coord: W78.70066° N42.47995°

Alternate Location Measurements (distance from SA origin and Local Coord.) on east side of box along
 X Dist. from Origin (0,0) N/A Y Dist. from Origin: N/A NS. line, middle of Sid

Site Sketch Attached (Yes) (NO)

Sample Location Description: under trees, by fallen tree, covered in leaves

Canopy Type: Wooded Land Use: Hiking Soil Moisture (Wet, dry, etc.): Damp

3. Location Radiation Readings:

Count time (min)	2x2 NaI (cpm)		Bicron (uRem/hr)		Notes
	1 cm	1m	1 cm	1m	
1	9680	9791	9	9	N/A
1	9848	9559			N/A

4. Sample Information:

Sample Area ID: 2.1.2.R.1-3

Description by Depth:

Depth Interval (cm)	Soil Type (Org; clay; sand, etc.)	Soil Color	Sample ID	Sampling Description (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-5	soil	brown	2.1.2.R.1	roots & rocks
5-15	soil	brown	2.1.2.R.2	roots & rocks
15-				

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)



SAMPLE LOCATION DATA SHEET

Date: 10-23-15 Project: NYSERDA Name: Tom Brown

Weather: Sunny, warm

1. Sample Area (SA):

SA Designation: 2.1 Description: Woods
 SA Origin Location: N 42.47982° W 78.70086° ^{TB} Coord. System: N/W
 SA Land Mark Description: slimy road end Coord: N 42.47994° W 78.70075°
N 42.47994° W 78.70075°

2. Sample Location Data:

Sample Area ID: 2.1.3 Matrix: soil
 Location Coord: N 42.47982° W 78.70086°

Alternate Location Measurements (distance from SA origin and Local Coord.)

X Dist. from Origin (0,0) N/A Y Dist. from Origin: N/A

Site Sketch Attached (Yes) (NO)

Sample Location Description: under trees, flat plateau by SW corner, leaves

Canopy Type: wooded Land Use: hiking Soil Moisture (Wet, dry, etc.): Dry

3. Location Radiation Readings:

Count time (min)	2x2 NaI (cpm)		Bicron (uRem/hr)		Notes
	1 cm	1m	1 cm	1m	
1	9704	10185	9	8	N/A
1	9528	10048			N/A

4. Sample Information:

Sample Area ID: 2.1.3.R.1-2

Description by Depth:

Depth Interval (cm)	Soil Type (Org; clay; sand, etc.)	Soil Color	Sample ID	Sampling Description (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-5	soil	brown	2.1.3.R.1	some small roots
5-15	soil	brown	2.1.3.R.2	small roots
5-15	soil	brow	2.1.3.R.5	small roots

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)



SAMPLE LOCATION DATA SHEET

Date: 10-23-15 Project: NYSEDA Name: Toni Brown

Weather: Sunny, warm

1. Sample Area (SA):

SA Designation: 2.1 Description: Woods
 SA Origin Location: N 42.47994° W 78.70075° Coord. System: NW
 SA Land Mark Description: scout rd end Coord: N 42.48316° W 78.70142°

2. Sample Location Data:

Sample Area ID: 2.1.4 Matrix: soil

Location Coord: N 42.47992° W 78.70078°

Alternate Location Measurements (distance from SA origin and Local Coord.)

X Dist. from Origin (0,0) NA Y Dist. from Origin: NA

Site Sketch Attached (Yes) (NO)

Sample Location Description: Wooded, leaves, between trees

Canopy Type: wooded Land Use: Hiking Soil Moisture (Wet, dry, etc.): Dry

3. Location Radiation Readings:

Count time (min)	2x2 NaI (cpm)		Bicron (uRem/hr)		Notes
	1 cm	1m	1 cm	1m	
1	9411	9474	7	7	N/A
1	9351	9377			N/A

4. Sample Information:

Sample Area ID: 2.1.4. R.1-2

Description by Depth:

Depth Interval (cm)	Soil Type (Org; clay; sand, etc.)	Soil Color	Sample ID	Sampling Description (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-5	soil	brown	2.1.4.R.1	Lomy
5-15	soil	brown	2.1.4.R.2	roots
Rinsetc	—	—	2.1.4.R.6	—
DI 460	pure	—	2.1.4.R.7	—

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)