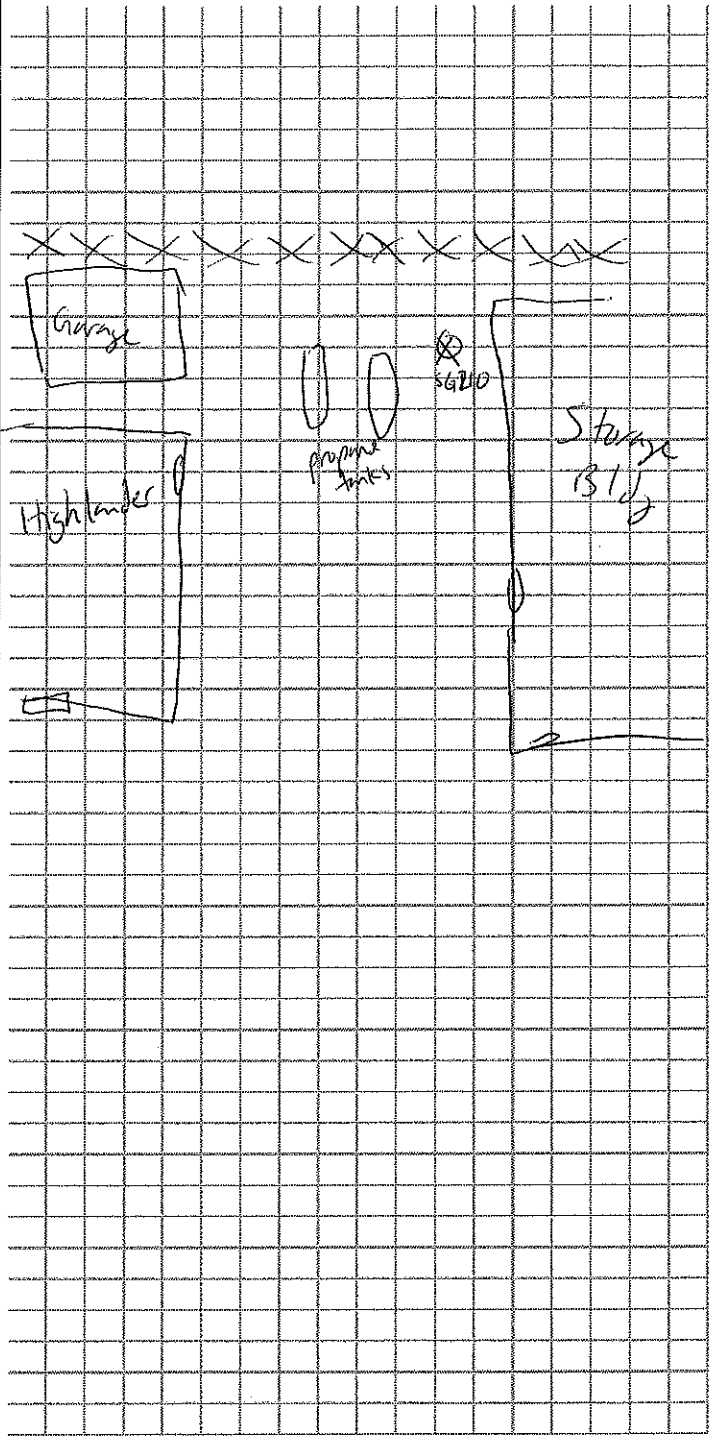
Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander/Nale
Town:	Waterville
Date:	11/15/17
Sample I.D.:	SG210
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	MK TW
Project Manager	TW
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	24 in bgs
Depth to Water:	Unkn
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	~~148~~ 107
Flow Control I.D.:	0481
Flow control rate:	109 ml/min
O_2 Ambient	20.9%
CO_2 Ambient	450
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample: O_2	18.9%
Pre-Sample CO_2 :	>10000 ppm
Pre-Sample PID:	841 ppb
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	1353
Initial Vacuum:	-29.38 inHg
Sample End Time:	1409
Final Vaccum:	-5.84
Post Sample O_2 :	18.9%
Post Sample CO_2:	>10,000 ppm
Post Sample PID	477 ppb

Sample Location Sketch



Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Revison Date: September 2016

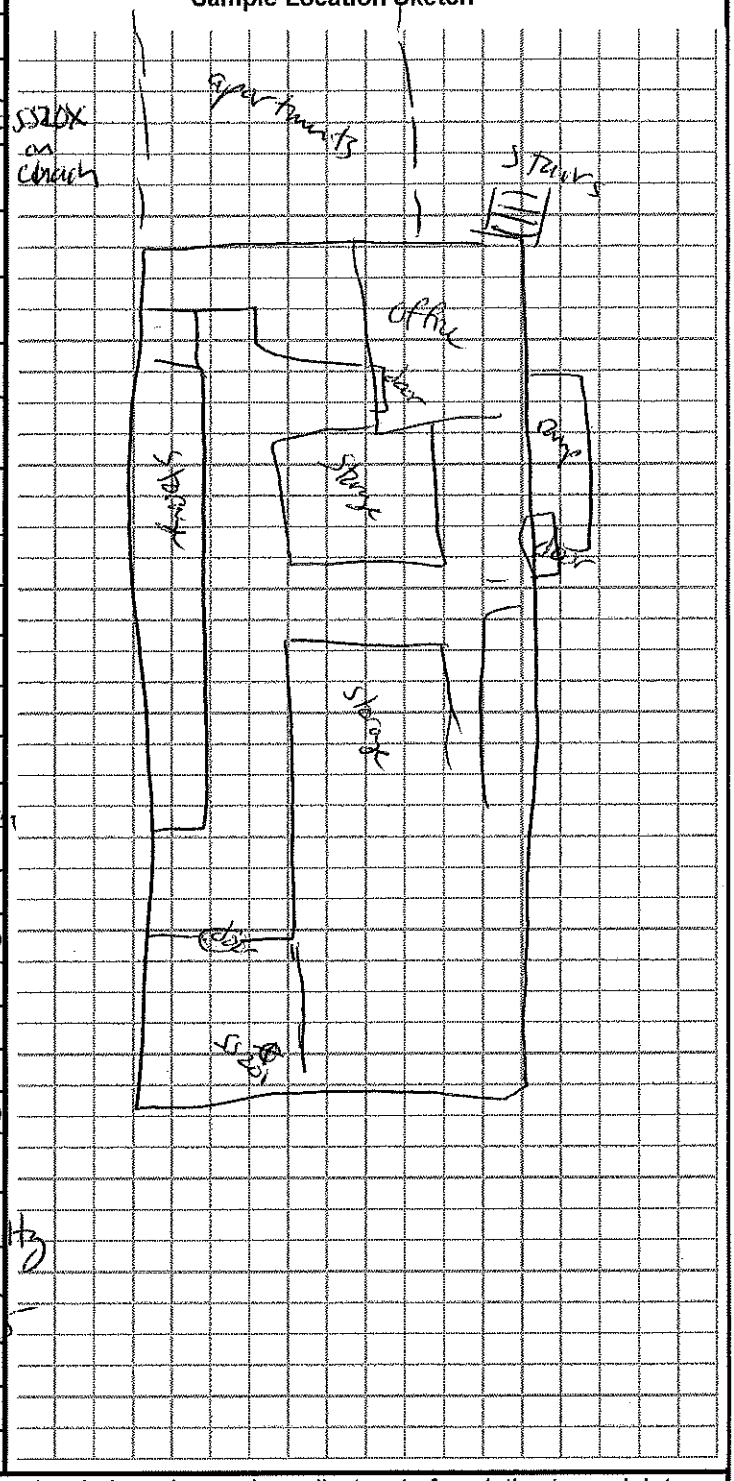
PID #5

Eagle #1

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander / Nale
Town:	Waterville
Date:	1/15/17
Sample I.D.:	SS201 / SS201 Dup = SS20X on couch
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	MK TW
Project Manager	TW
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	2 Bin bgs
Depth to Water:	Unkn
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	204 / Dup = 2238
Flow Control I.D.:	0401 / Dup = 0314
Flow control rate:	109 ml/min / Dup = 106 ml/min
O_2 Ambient	20.9%
CO_2 Ambient	500 ppm
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample: O_2	20.9%
Pre-Sample CO_2 :	2950 ppm
Pre-Sample PID:	39.54 ppm
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	1136
Initial Vacuum:	-28.15 / -29.51 in Hg
Sample End Time:	1151 / 1155
Final Vaccum:	-7.50 in Hg / -7.65
Post Sample O_2 :	20.9%
Post Sample CO_2:	2900 ppm
Post Sample PID	2227 ppb

Sample Location Sketch



Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

felt void when probing @ ~18 in bgs

climbed to 2608 ppb after removing from sample port

@14:15 PID = 350 ppb

Revison Date: September 2016

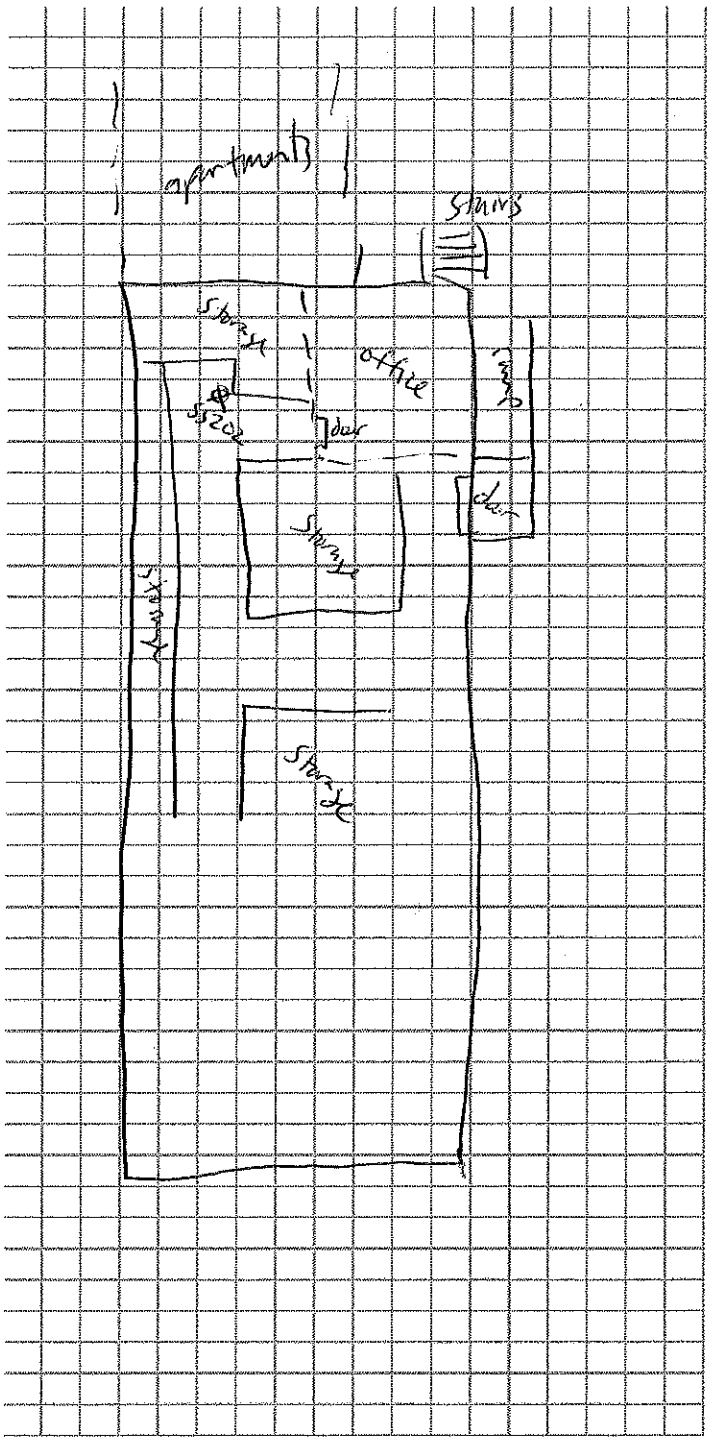
PID #5

Eagle #1

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander/Nale
Town:	Waterville
Date:	11/15/17
Sample I.D.:	SS202
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	MK TW
Project Manager	TW
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	~~18in bgs~~ 36in bgs
Depth to Water:	Unkn
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	2176
Flow Control I.D.:	0769
Flow control rate:	109 ml/min
O_2 Ambient	20.9%
CO_2 Ambient	500ppm
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample: O_2	20.9%
Pre-Sample CO_2:	3250ppm
Pre-Sample PID:	0.0ppb
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	1022
Initial Vacuum:	-29.78 in Hg
Sample End Time:	1040
Final Vaccum:	-7.02 in Hg
Post Sample O_2:	20.9%
Post Sample CO_2:	3250ppm
Post Sample PID	0.0ppb

Sample Location Sketch



Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Revison Date: September 2016

PID #5
Eagle #1
final PID reading w/ Unit #6

tried @ 18in bgs - not a good seal, dropped to 36in bgs

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander	
Town:	Waterville	
Date:	11-15-17	
Sample I.D.:	SG6	
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)	
Sampling Personnel:	Redmond / Griffen	
Project Manager	Wolfertz	
Collection Device:	(Summa Can) (Tedlar Bag)	
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	22"	
Depth to Water:	N/A	
Suspected COCs:	(Petroleum) (Solvents)	
Cannister I.D.:	148	
Flow Control I.D.:	0388	
Flow control rate:	109 mL/min	
O_2 Ambient	20.9	
CO_2 Ambient	450 ppm	
subsurface pressure/vacuum	N/A	(+/- inches of water column)
Pre-Sample: O_2	20.1%	17.2%
Pre-Sample CO_2 :	6700 ppm	>10000
Pre-Sample PID:	3585 ppb	1553 ppb
Pre-Sample CH_4:	N/A	(% Volume, %LEL, PPM)
Sample Initiation Time:	1241	
Initial Vacuum:	-28.61 "Hg	
Sample End Time:	1300	
Final Vaccum:	-3.99 "Hg	
Post Sample O_2 :	17.4%	
Post Sample CO_2:	>10000	
Post Sample PID	755 ppb	

Sample Location Sketch

Storm drain line, pavement cut visible

pre screen @ 1216 initially. 3585 ppb PID spike, then ~3300 ppb

pre sample #'s @ 1236

Sample time 1300

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

PID = 0 ppb ambient

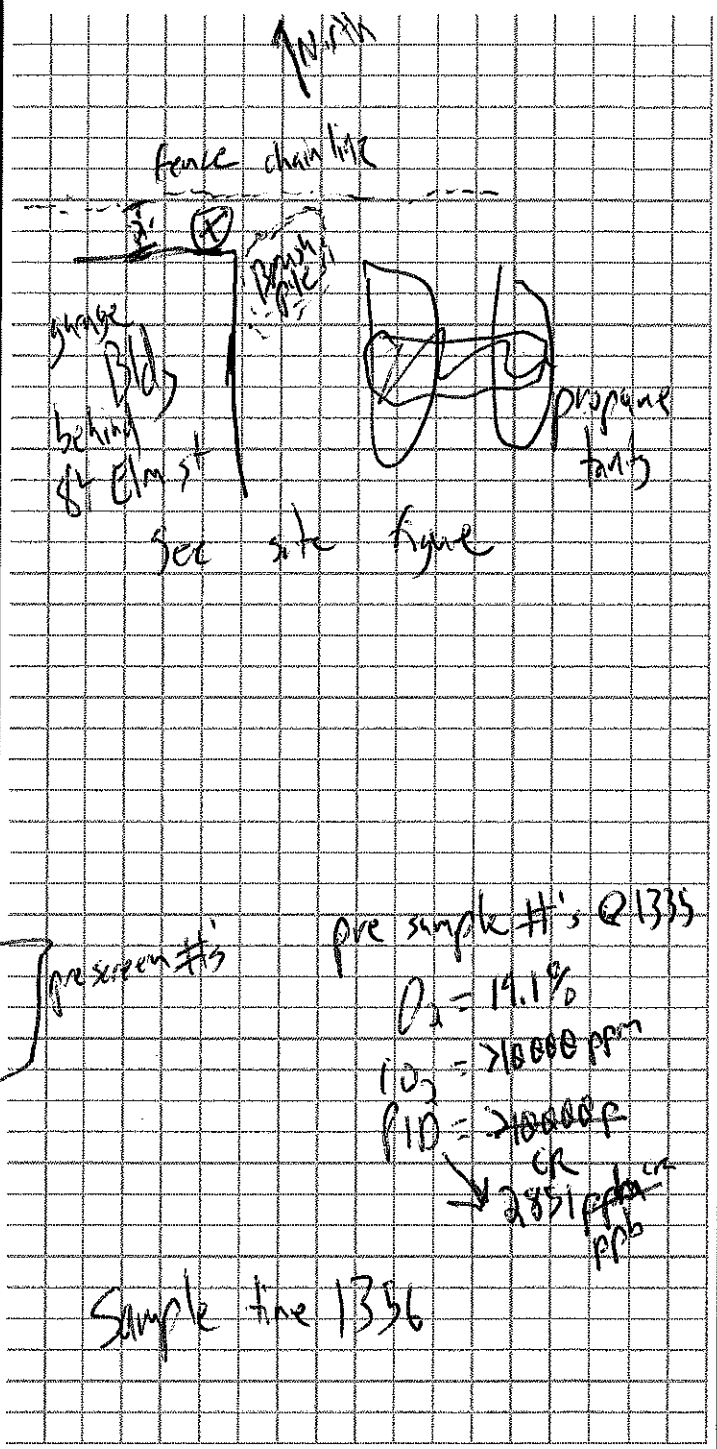
Eagle multigas #1
PPB RAE #5
(screening & sampling)

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander
Town:	Waterville
Date:	11-15
Sample I.D.:	SG 203
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	Redmond GRIFFIN
Project Manager	Wolfertz
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	21"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	2310
Flow Control I.D.:	0146
Flow control rate:	109 mL/MIN
O_2 Ambient	20.9%
CO_2 Ambient	~~>10,000~~ PPM 450
subsurface pressure/vacuum	N/A (+/- inches of water column)
Pre-Sample: O_2	19.2%
Pre-Sample CO_2 :	10000 PPM
Pre-Sample PID:	2214 ppb
Pre-Sample CH_4:	N/A (% Volume, %LEL, PPM)
Sample Initiation Time:	1337
Initial Vacuum:	-29.66 "Hg
Sample End Time:	1356
Final Vaccum:	-4.21 "Hg
Post Sample O_2 :	19.2%
Post Sample CO_2:	>10,000 PPM
Post Sample PID	3253 ppb

Sample Location Sketch



Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

0 ppb PID background

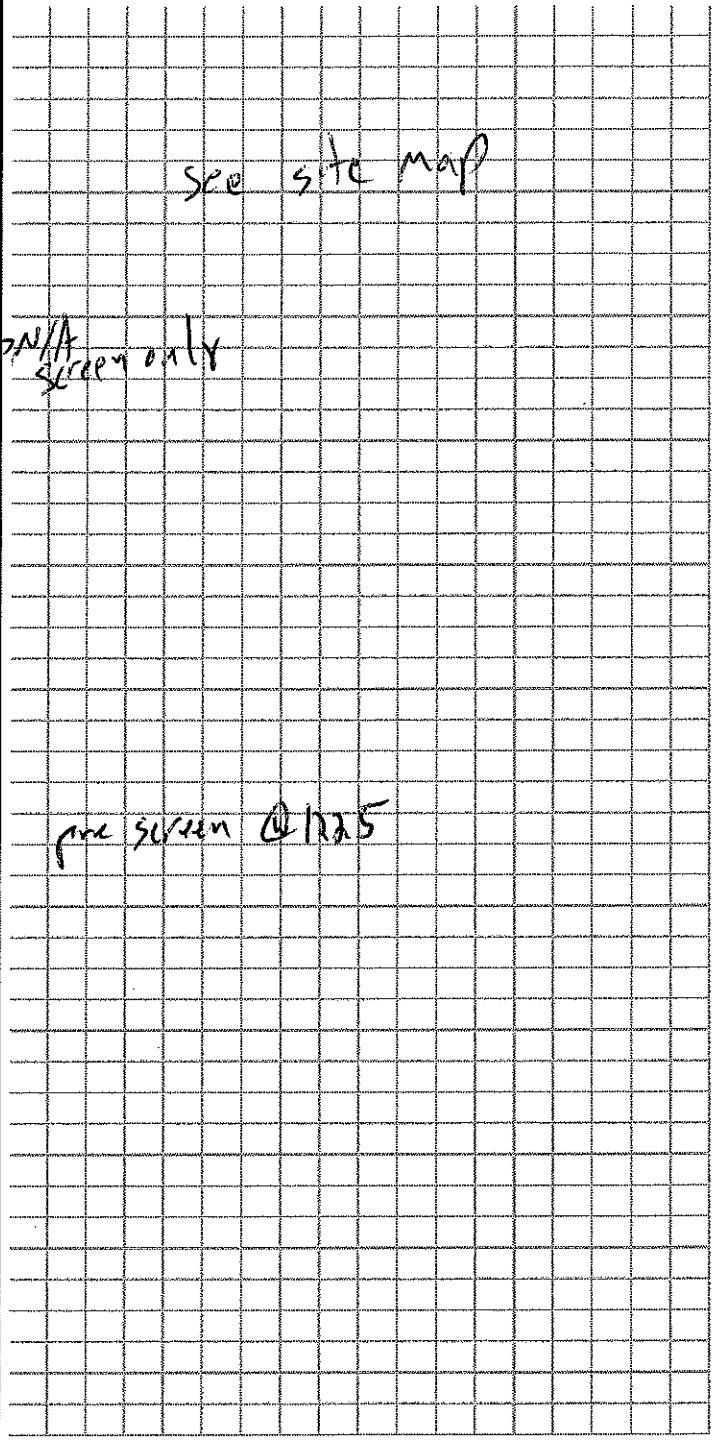
ppb RAE #5
Eagle multigas #1
screening + sampling

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander
Town:	Waterville
Date:	11-15-17
Sample I.D.:	SG4
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	Redmond / Griffen
Project Manager	Wolfertz
Collection Device:	~~(Summa Can) (Tedlar Bag)~~ N/A screen only
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	18"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	N/A
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.9%
CO_2 Ambient	450 ppm
subsurface pressure/vacuum	N/A (+/- inches of water column)
Pre-Sample: O_2	17.1%
Pre-Sample CO_2 :	71000
Pre-Sample PID:	241 ppb
Pre-Sample CH_4:	N/A (% Volume, %LEL, PPM)
Sample Initiation Time:	
Initial Vacuum:	N/A
Sample End Time:	
Final Vaccum:	
Post Sample O_2 :	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch



Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

PID ambient = 8ppb

Eagle Multigas #1
ppb RAE #5

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander
Town:	Waterville
Date:	11-15-17
Sample I.D.:	SG2
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	Redmond / Kritten
Project Manager	Wolfertz
Collection Device:	~~(Summa Can) (Tedlar Bag)~~ N/A screen only
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	23"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	N/A
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.9%
CO_2 Ambient	500 ppm
subsurface pressure/vacuum	N/A (+/- inches of water column)
Pre-Sample: O_2	15.6%
Pre-Sample CO_2 :	710000 ppm
Pre-Sample PID:	336 ppb
Pre-Sample CH_4:	N/A (% Volume, %LEL, PPM)
Sample Initiation Time:	
Initial Vacuum:	
Sample End Time:	N/A
Final Vaccum:	
Post Sample O_2 :	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch

see site map

storm drain line, pavement cut visible

pre screen @ 1145

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

PID ambient = 0 ppb

Eagle 1 multi gas #1
ppb RAE #5

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander
Town:	Waterville
Date:	11-15-17
Sample I.D.:	SG 205
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	Redmond / Griffen
Project Manager	Wilkerts
Collection Device:	~~(Summa Can) (Tedlar Bag)~~ N/A Screen only
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	20"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	N/A
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.9%
CO_2 Ambient	400 ppm
subsurface pressure/vacuum	N/A (+/- inches of water column) 2nd RY
Pre-Sample: O_2	20.6% 20.2%
Pre-Sample CO_2 :	5450 ppm 9000 ppm
Pre-Sample PID:	tri tight 237 ppb
Pre-Sample CH_4:	N/A (% Volume, %LEL, PPM)
Sample Initiation Time:	
Initial Vacuum:	
Sample End Time:	N/A
Final Vaccum:	
Post Sample O_2 :	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch

See site map
pre-screen @ 1030 ok 1015

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

PID ambient = 0 ppb

ppb RAE #5
Eagle multigas #1

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander
Town:	Waterville
Date:	11-15-17
Sample I.D.:	SG1
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	Redmond / Griffin
Project Manager	Wolfertz
Collection Device:	~~(Summa Can)~~ (Tedlar Bag) — N/A screen only
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil) — soil/concrete?/soil
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	25"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	N/A
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.9%
CO_2 Ambient	400 ppm
subsurface pressure/vacuum	N/A (+/- inches of water column)
Pre-Sample: O_2	20.3%
Pre-Sample CO_2 :	5550 ppm
Pre-Sample PID:	950 ppb
Pre-Sample CH_4:	N/A (% Volume, %LEL, PPM)
Sample Initiation Time:	
Initial Vacuum:	N/A
Sample End Time:	
Final Vaccum:	
Post Sample O_2 :	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch

See site map

pre-screen @ 1124

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

PID ambient 0 ppb

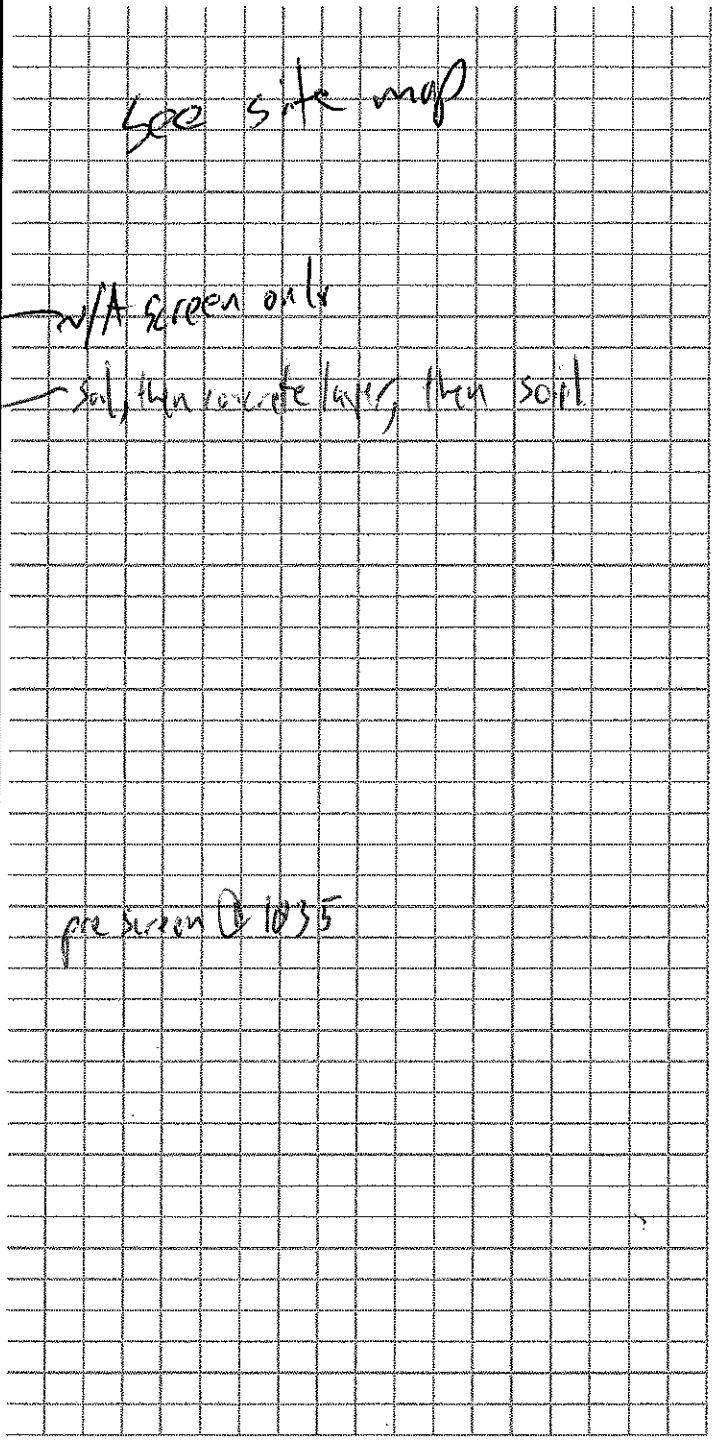
ppb RAE #6
Eagle multigas #1

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander
Town:	Waterville
Date:	11-15-17
Sample I.D.:	SG204
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	Redmond/Griffin
Project Manager	Wolfertz
Collection Device:	~~(Summa Can) (Tedlar Bag)~~
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	22"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	N/A
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.9%
CO_2 Ambient	450 ppm
subsurface pressure/vacuum	N/A (+/- inches of water column)
Pre-Sample: O_2	19.0%
Pre-Sample CO_2 :	700000 ppm
Pre-Sample PID:	1893 ppb
Pre-Sample CH_4:	N/A (% Volume, %LEL, PPM)
Sample Initiation Time:	N/A
Initial Vacuum:	
Sample End Time:	
Final Vaccum:	
Post Sample O_2 :	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch



Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

PID ambient = 8 ppb

Eagle multigas #1
PPB RAE #5

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander
Town:	Waterville
Date:	11-15-17
Sample I.D.:	SG207
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	Redmond GRIFFIN
Project Manager	TW
Collection Device:	~~(Summa Can) (Tedlar Bag)~~ N/A screen only
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	20"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	N/A
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.9 %
CO_2 Ambient	400 ppm
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample: O_2	20.4 %
Pre-Sample CO_2 :	6650 PPM
Pre-Sample PID:	0ppb
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	
Initial Vacuum:	N/A
Sample End Time:	
Final Vaccum:	
Post Sample O_2 :	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch

See site map

> double check PID readings

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

RAE ppb 5 AMBIENT 0ppb

meters: Eagle Multigas 1
ppb RAE #5

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander
Town:	Waterville
Date:	11-15-17
Sample I.D.:	SG 206
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	REDMOND GRIFFIN
Project Manager	TED WOLFERTZ
Collection Device:	~~(Summa Can)~~ (Tedlar Bag) N/A Screen only
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil) SOIL
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	24"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) Chlor (Solvents)
Cannister I.D.:	N/A
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.9 %
CO_2 Ambient	400. ppb
subsurface pressure/vacuum	N/A (+/- inches of water column)
Pre-Sample: O_2	18.7 %
Pre-Sample CO_2 :	> 10000 ppm
Pre-Sample PID:	525 ppb
Pre-Sample CH_4:	N/A (% Volume, %LEL, PPM)
Sample Initiation Time:	
Initial Vacuum:	N/A
Sample End Time:	
Final Vaccum:	
Post Sample O_2 :	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch

EAGLE 1 PPB RAE 5

See site map

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

ppb Amb 0ppb

Eagle multigas #1
ppb RAE #5

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander
Town:	Waterville
Date:	11-15-17
Sample I.D.:	SG3
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	Redmond / Griffen
Project Manager	Waterts
Collection Device:	~~(Summa Can) (Tedlar Bag)~~ N/A Screen only
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	20"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	N/A
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.9 %
CO_2 Ambient	450 ppm
subsurface pressure/vacuum	N/A (+/- inches of water column)
Pre-Sample: O_2	18.1%
Pre-Sample CO_2:	71000ppm
Pre-Sample PID:	115 ppb
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	
Initial Vacuum:	
Sample End Time:	N/A
Final Vaccum:	
Post Sample O_2:	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch

See site map

pre screen @ 1305

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

PID ambient = 0ppb

Eagle Multigas #1
ppb RAE #6

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander (Nale Property)
Town:	Waterville
Date:	11/15/17
Sample I.D.:	S6 109
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	E.C. T.F.
Project Manager	Ted Wolfert2
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	14"
Depth to Water:	
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	151B
Flow Control I.D.:	0935
Flow control rate:	
O_2 Ambient	20.6 %
CO_2 Ambient	225 PPM
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample: O_2	20.3
Pre-Sample CO_2:	1650
Pre-Sample PID:	61 ppb
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	1:41 PM
Initial Vacuum:	28.2
Sample End Time:	1402
Final Vaccum:	4.99
Post Sample O_2:	20.5
Post Sample CO_2:	300
Post Sample PID	0 ppb

Sample Location Sketch

PID battery was low and turning unit off (Had to Restart)

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander (Wale Property)
Town:	Waterville
Date:	11/15/17
Sample I.D.:	SG 104
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	E.C T.K.
Project Manager	T.W
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	18"
Depth to Water:	
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	2201
Flow Control I.D.:	0947
Flow control rate:	
O_2 Ambient	20.6 %
CO_2 Ambient	200 ppm
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample: O_2	18.2 %
Pre-Sample CO_2:	>10,000 ppm
Pre-Sample PID:	360 ppb
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	1:45PM
Initial Vacuum:	30.33
Sample End Time:	2:09 PM
Final Vaccum:	4.73
Post Sample O_2:	20.5
Post Sample CO_2:	900 ppm
Post Sample PID	0 ppb

Sample Location Sketch

PID Battery shut unit down
Restarted

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander (Nate Property)
Town:	Waterville
Date:	11/15/17
Sample I.D.:	SG 209
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	E.C. T.K.
Project Manager	T.W.
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	27"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	2182
Flow Control I.D.:	0259
Flow control rate:	
O_2 Ambient	20.5
CO_2 Ambient	200 ppm
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample: O_2	19.8 %
Pre-Sample CO_2:	3850 ppm
Pre-Sample PID:	0 ppb
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	1350
Initial Vacuum:	30.21
Sample End Time:	2:14 PM
Final Vaccum:	4.99
Post Sample O_2:	19.8 %
Post Sample CO_2:	3900 ppm
Post Sample PID	0 ppb

Sample Location Sketch

PID battery low
Restart unit

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander (Nute)
Town:	Waterville
Date:	11/15/17
Sample I.D.:	SG 208
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	E.C. T.K.
Project Manager	T.W.
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	~~[illegible]~~ 28"
Depth to Water:	
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.6
CO_2 Ambient	200
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample: O_2	~~20.6~~ 19.7
Pre-Sample CO_2 :	~~226~~ ~~200~~ 6800
Pre-Sample PID:	0 ppb
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	
Initial Vacuum:	
Sample End Time:	
Final Vaccum:	
Post Sample O_2 :	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlander (Underwood)
Town:	Waterville
Date:	11/15/17
Sample I.D.:	SG 202
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	E.C T.K
Project Manager	T.W
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	28"
Depth to Water:	
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.5 %
CO_2 Ambient	200 ppm
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample: O_2	19.4
Pre-Sample CO_2 :	8400 ppm
Pre-Sample PID:	0 ppb
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	
Initial Vacuum:	
Sample End Time:	
Final Vaccum:	
Post Sample O_2 :	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	
Town:	waterville
Date:	11/15/17
Sample I.D.:	S.G. 201
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	E.C. T.K.
Project Manager	T.W.
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	28"
Depth to Water:	
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.5
CO_2 Ambient	225 ppm
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample: O_2	20.3
Pre-Sample CO_2 :	2500 ppm
Pre-Sample PID:	0 ppb
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	
Initial Vacuum:	
Sample End Time:	
Final Vaccum:	
Post Sample O_2 :	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Revison Date: September 2016

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	Highlandor (Underwood)
Town:	Waterville
Date:	11/15/17
Sample I.D.:	SG 7
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	E.C. T.K.
Project Manager	T.W
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	
Depth to Water:	
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	
Flow Control I.D.:	
Flow control rate:	
O_2 Ambient	20.5 %
CO_2 Ambient	200 ppm
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample: O_2	~~18.8~~ 18.9
Pre-Sample CO_2 :	~~3200~~ 9000
Pre-Sample PID:	0 PPB
Pre-Sample CH_4:	(% Volume, %LEL, PPM)
Sample Initiation Time:	
Initial Vacuum:	
Sample End Time:	
Final Vaccum:	
Post Sample O_2 :	
Post Sample CO_2:	
Post Sample PID	

Sample Location Sketch

Notes/Obervations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Revison Date: September 2016