November 9, 2018 Reference No. 11146097

Mr. Paul D'Amato
Regional Director
New York State Department of Environmental Conservation
Region 8-Division of Air Resources
6274 Avon Lima Road
Avon, NY 14414

Dear Mr. D'Amato:

Re: Third Quarter Surface Monitoring at High Acres Landfill
NYSDEC Permit ID No.: 8-9908-00162/00043

On the dates of September 12 and 13, 2018, GHD conducted the Third Quarter Surface Scan Program for the Waste Management of New York, LLC (WMNY) - High Acres Landfill and Recycling Center (High Acres) facility located in Fairport, New York. The monitoring was conducted in accordance with the Revised Surface Emission Monitoring and Ambient Monitoring Work Plan (Work Plan), which was submitted to New York State Department of Environmental Conservation (NYSDEC) on March 2, 2018. As per Section 1.2 of the Work Plan, GHD used 200 parts per million (ppm) of methane as an enhanced monitoring level instead of the 500 ppm level noted in 40 CFR 60.753(d).

GHD performed the calibration, evaluation, and monitoring using a Thermo Environmental Instruments Toxic Vapor Analyzer (TVA) 1000 flame ionization detector (FID) to determine surface methane levels. Attachment 1 contains the monitoring instrument performance evaluation and calibration documentation. The monitoring followed a serpentine pattern at 30-meter intervals, as required in 40 CFR Part 60 Subpart 60.753, and followed the pattern described in the Work Plan for the facility. Areas where visual observations indicated elevated concentrations of landfill gas, such as distressed vegetation and cracks or seeps in the cover, were monitored. While following the serpentine route, GHD monitored any penetrations they encountered along the serpentine path.

During the surface scan, the following areas were inaccessible and avoided for safety reasons, as allowed under 40 CFR 60.753(d):

- Grid U40 was avoided due to a concrete and rebar stock pile.

Figure 1 shows the area described that could not be monitored during this quarterly period.

All readings of 200 ppm or more above background were recorded as a monitored exceedance and the actions specified in paragraphs (i) through (v) below have been taken thus far. As long as the specified actions are taken, the exceedance is not a violation of the operational requirements of 40 CFR Part 60.753(d).

i) The location of each monitored exceedance shall be marked and the location recorded.

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REGISTERED COMPANY FOR ISO 9001 ENGINEERING DESIGN

ii) Cover maintenance or adjustments to the vacuum of the adjacent wells to increase the gas collection in the vicinity of each exceedance shall be made and the location shall be re-monitored within 10 calendar days of detecting the exceedance.

iii) If the re-monitoring of the location shows a second exceedance, additional corrective action shall be taken and the location shall be monitored again within 10 days of the second exceedance. If the re-monitoring shows a third exceedance for the same location, the action specified in paragraph (4)(v) below shall be taken, and no further monitoring of that location is required until the action specified in paragraph (4)(v) has been taken.

iv) Any location that initially showed an exceedance but has a methane concentration less than 200 ppm methane above background at the 10-day re-monitoring specified in paragraph (4)(ii) or (iii) below shall be re-monitored one month from the initial exceedance. If the one-month re-monitoring shows a concentration less than 200 parts per million above background, no further monitoring of that location is required until the next quarterly monitoring period. If the one-month re-monitoring shows an exceedance, the actions specified in paragraph (4)(iii) or (v) shall be taken.

v) For any location where monitored methane concentration equals or exceeds 200 parts per million above background three times within a quarterly period, a new well or other collection device shall be installed within 120 calendar days of the initial exceedance. An alternative remedy to the exceedance, such as upgrading the blower, header pipes or control device, and a corresponding timeline for installation may be submitted to the Administrator for approval.

The following areas exhibited FID readings greater than 200 ppm above background during the third quarter of 2018:

Date	Grid	Location	Description	Reading (ppm)
9/12/2018	Z48	EGW-12R	Ground Penetration	380
9/12/2018	AC42	EGW-14	Ground Penetration	369
9/12/2018	AI52	EGW-25	Ground Penetration	4,594
9/12/2018	AD51	Grassless Area	Soil Area	412
9/12/2018	AF51	Grassless Area	Soil Area	341
9/12/2018	R31	WGW-56R	Ground Penetration	1,738
9/12/2018	O39	WGW-70R	Ground Penetration	>10,000
9/12/2018	N23	WGW-76R	Ground Penetration	1,721
9/12/2018	Q37	WGW-83	Ground Penetration	1,124
9/12/2018	R37	S of WGW-83	Ground Penetration	1,217
9/12/2018	S33	WGW-88	Ground Penetration	3,299
9/12/2018	N38	WGW-97R	Ground Penetration	1,340
9/12/2018	R38	WGW-98	Ground Penetration	3,115
9/12/2018	J44	WGW-104	Ground Penetration	907

Date	Grid	Location	Description	Reading (ppm)
9/12/2018	P35	WGW-127	Ground Penetration	332
9/12/2018	Q36	WGW-129	Ground Penetration	431
9/12/2018	S43	WGW-130	Ground Penetration	406
9/12/2018	U43	S of WGW-130	Ground Penetration	776
9/12/2018	V33	WGW-139	Ground Penetration	1,979
9/12/2018	P37	WGW-147	Ground Penetration	4,708
9/12/2018	O40	WGW-148	Ground Penetration	1,642
9/12/2018	N50	WGW-170	Ground Penetration	4,211
9/12/2018	T46	WGW-181	Ground Penetration	874
9/12/2018	T49	WGW-182	Ground Penetration	5,679
9/12/2018	M27	Pipe	Ground Penetration	1,068
9/12/2018	S44	EW-1012	Ground Penetration	432
9/12/2018	H46	HAHC-1102	Ground Penetration	430
9/12/2018	I48	HAHC-1103	Ground Penetration	>10,000
9/12/2018	T48	HAHC-1116	Ground Penetration	247
9/12/2018	P49	HAHC-1120	Ground Penetration	4,889
9/13/2018	AA35	EGW-9	Ground Penetration	273
9/13/2018	Z37	EGW-10R	Ground Penetration	6,675
9/13/2018	AB34	EGW-52	Ground Penetration	472
9/13/2018	M15	WGW-2	Ground Penetration	1,090
9/13/2018	L15	WGW-3R	Ground Penetration	2,218
9/13/2018	K21	WGW-8	Ground Penetration	5,064
9/13/2018	L21	WGW-11R	Ground Penetration	965
9/13/2018	M19	WGW-13R	Ground Penetration	9,087
9/13/2018	M18	WGW-14R	Ground Penetration	963
9/13/2018	L25	WGW-32R	Ground Penetration	868
9/13/2018	J36	W of WGW-37R	Soil Area	659
9/13/2018	N40	WGW-54R	Ground Penetration	1,355
9/13/2018	L23	WGW-77	Ground Penetration	4,108
9/13/2018	N27	WGW-122	Ground Penetration	581
9/13/2018	L27	SC-02	Ground Penetration	3,398

Table 1 outlines the location of exceedances and the respective corrective actions taken. Pictures of the exceedance locations can be referenced in Attachment 2.

A reading was taken at each grid location as shown in Table 2. There were no other exceedances of the 200 ppm above background limit observed at any of the grid points or ground penetrations on the High Acres Landfill during this quarterly period.

The 30-day follow-up readings took place on October 12, 2018. All exceedance points displayed readings below the 200 ppm above background limit and are currently in compliance. GHD will perform the fourth quarter monitoring during November or December 2018.

If you have any questions, please feel free to contact us at (716) 297-6150.

Sincerely,

GHD

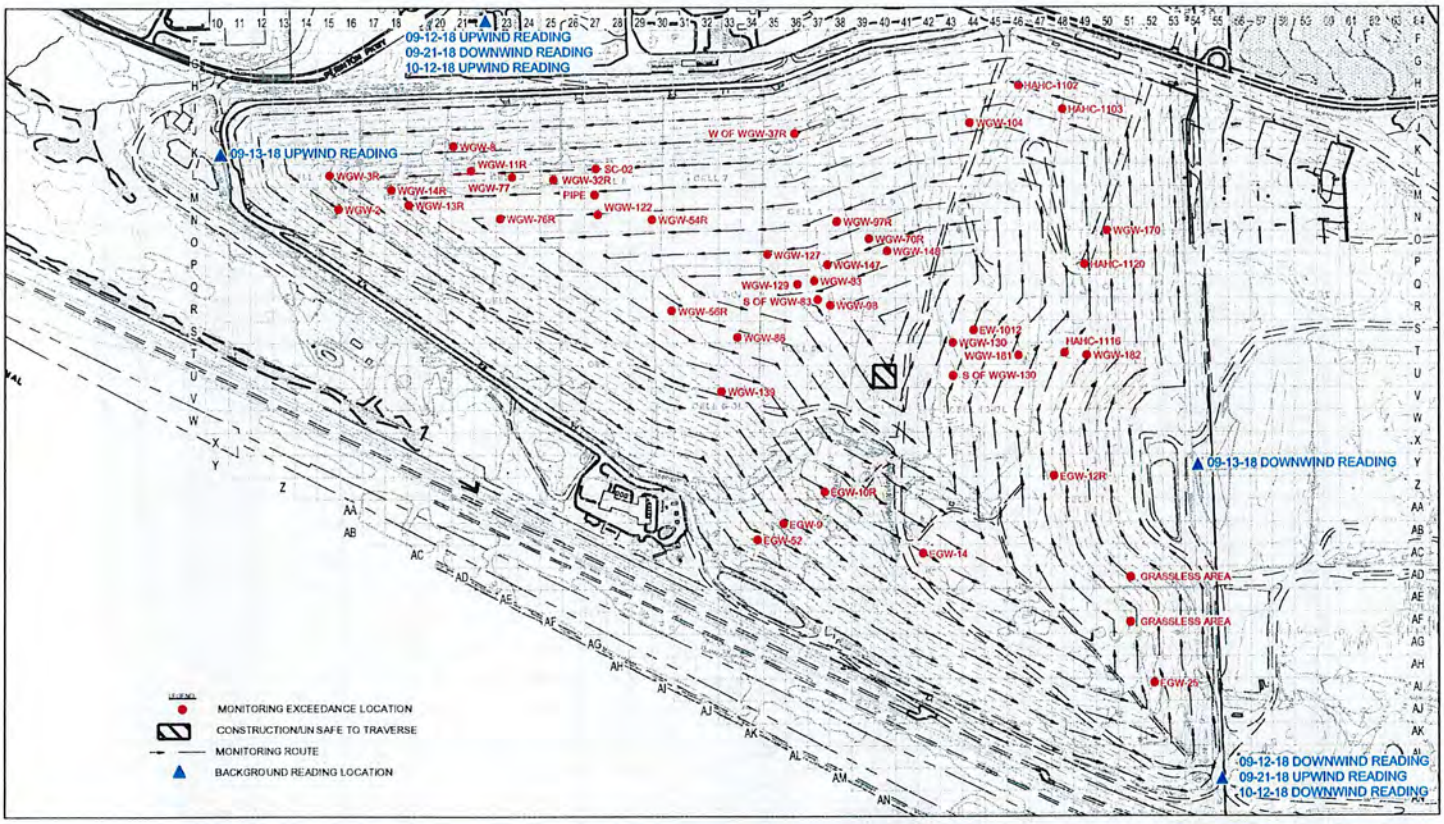
Steven D. Wilsey
Principal

Bryan P. Szalda
Engineer

SDW/BPS/cs/3

Encl.

cc: Joe Picciotti (Harris Beach)



WASTE MANAGEMENT OF NEW YORK - HIGH ACRES LANDFILL
FAIRPORT, NEW YORK
Q3 2018 SURFACE EMISSION MONITORING
GRID LOCATIONS

11146097
Nov 1, 2018

FIGURE 1

Table 1

High Acres Landfill
Description of Surface Monitoring Exceedances

Year: 2018 Quarter: 3

Initial Monitoring Event					10-day Follow-up Event		Additional Corrective Actions		Additional 10-day Follow-up Event		1-Month Follow-up Event	
Monitoring Date	Landfill Name	Location ID	Concentration (ppm)	Initial Corrective Action	Monitoring Date	Concentration (ppm)	Date	Additional Corrective Actions Implemented (If Applicable)	Monitoring Date	Concentration (ppm)	Monitoring Date	Concentration (ppm)
09/12/2018	High Acres Closed Landfill	EGW-12R	382	Installed foam plug	09/21/2018	28.3	---	---	---	---	10/12/2018	100
09/12/2018	High Acres Closed Landfill	EGW-14	371	Installed foam plug and added cover soil	09/21/2018	10.5	---	---	---	---	10/12/2018	1.2
09/12/2018	High Acres Closed Landfill	EGW-25	4,598	Installed foam plug and added cover soil	09/21/2018	35.8	---	---	---	---	10/12/2018	180
09/12/2018	High Acres Closed Landfill	Grassless Area	414	Added cover soil	09/21/2018	4.9	---	---	---	---	10/12/2018	10.1
09/12/2018	High Acres Closed Landfill	Grassless Area	343	Added cover soil	09/21/2018	48.9	---	---	---	---	10/12/2018	104
09/12/2018	High Acres West Expansion	WGW-56R	1,740	Installed foam plug, added soil and installed liner vacuum	09/21/2018	2.2	---	---	---	---	10/12/2018	3.4
09/12/2018	High Acres West Expansion	WGW-70R	10,000	Installed liner and vacuum increased	09/21/2018	2.0	---	---	---	---	10/12/2018	5.2
09/12/2018	High Acres West Expansion	WGW-76R	1,723	Reinstalled liner and sealed with caulk	09/21/2018	1.4	---	---	---	---	10/12/2018	2.6
09/12/2018	High Acres West Expansion	WGW-83	1,126	Installed liner	09/21/2018	3.1	---	---	---	---	10/12/2018	3.1
09/12/2018	High Acres West Expansion	S of WGW-83	1,219	Installed liner	09/21/2018	1.4	---	---	---	---	10/12/2018	3.6
09/12/2018	High Acres West Expansion	WGW-88	3,301	Installed liner	09/21/2018	4.8	---	---	---	---	10/12/2018	3.7
09/12/2018	High Acres West Expansion	WGW-97R	1,342	Installed liner	09/21/2018	87.1	---	---	---	---	10/12/2018	106
09/12/2018	High Acres West Expansion	WGW-98	3,117	Installed liner	09/21/2018	5.5	---	---	---	---	10/12/2018	4.1
09/12/2018	High Acres West Expansion	WGW-104	909	Sealed liner with caulk	09/21/2018	27.8	---	---	---	---	10/12/2018	18.9
09/12/2018	High Acres West Expansion	WGW-127	334	Installed foam plug	09/21/2018	140.0	---	---	---	---	10/12/2018	104
09/12/2018	High Acres West Expansion	WGW-129	433	Sealed liner with caulk	09/21/2018	31.3	---	---	---	---	10/12/2018	5.7
09/12/2018	High Acres West Expansion	WGW-130	408	Installed liner	09/21/2018	150.0	---	---	---	---	10/12/2018	107
09/12/2018	High Acres West Expansion	S of WGW-130	778	Installed liner	09/21/2018	38.5	---	---	---	---	10/12/2018	3.4
09/12/2018	High Acres West Expansion	WGW-139	1,981	Installed liner and sealed with caulk	09/21/2018	78.6	---	---	---	---	10/12/2018	176
09/12/2018	High Acres West Expansion	WGW-147	4,710	Installed liner	09/21/2018	3.5	---	---	---	---	10/12/2018	116
09/12/2018	High Acres West Expansion	WGW-148	1,644	Installed liner and sealed top of boot	09/21/2018	116.0	---	---	---	---	10/12/2018	117
09/12/2018	High Acres West Expansion	WGW-170	4,213	Installed liner	09/21/2018	11.4	---	---	---	---	10/12/2018	2.7
09/12/2018	High Acres West Expansion	WGW-181	876	Installed liner	09/21/2018	31.7	---	---	---	---	10/12/2018	14.5

Table 1

High Acres Landfill
Description of Surface Monitoring Exceedances

Year: 2018 Quarter: 3

Initial Monitoring Event					10-day Follow-up Event		Additional Corrective Actions		Additional 10-day Follow-up Event		1-Month Follow-up Event	
Monitoring Date	Landfill Name	Location ID	Concentration (ppm)	Initial Corrective Action	Monitoring Date	Concentration (ppm)	Date	Additional Corrective Actions Implemented (If Applicable)	Monitoring Date	Concentration (ppm)	Monitoring Date	Concentration (ppm)
09/12/2018	High Acres West Expansion	WGW-182	5,680	Sealed liner with caulk	09/21/2018	93.3	---	---	---	---	10/12/2018	195
09/12/2018	High Acres West Expansion	Pipe	1,070	Removed pipe and added cover soil	09/21/2018	11.0	---	---	---	---	10/12/2018	6.4
09/12/2018	High Acres Cell 10	EW-1012	432	Sealed top of liner boot	09/21/2018	131.0	---	---	---	---	10/12/2018	3.6
09/12/2018	High Acres Cell 11	HAHC-1102	10,000	Installed foam plug	09/21/2018	47.7	---	---	---	---	10/12/2018	36.2
09/12/2018	High Acres Cell 11	HAHC-1103	249	Sealed liner with caulk	09/21/2018	5.6	---	---	---	---	10/12/2018	9.3
09/12/2018	High Acres Cell 11	HAHC-1116	4,891	Sealed liner with caulk	09/21/2018	78.3	---	---	---	---	10/12/2018	40.3
09/12/2018	High Acres Cell 11	HAHC-1120	275	Sealed liner with caulk	09/21/2018	11.0	---	---	---	---	10/12/2018	55.4
09/13/2018	High Acres Closed Landfill	EGW-9	6,677	Installed foam plug	09/21/2018	5.7	---	---	---	---	10/12/2018	116
09/13/2018	High Acres Closed Landfill	EGW-10R	474	Installed foam plug and added cover soil	09/21/2018	14.7	---	---	---	---	10/12/2018	183
09/13/2018	High Acres Closed Landfill	EGW-52	1,092	Installed foam plug	09/21/2018	22.8	---	---	---	---	10/12/2018	134
09/13/2018	High Acres West Expansion	WGW-2	2,220	Installed foam plug	09/21/2018	70.0	---	---	---	---	10/12/2018	1.4
09/13/2018	High Acres West Expansion	WGW-3R	5,066	Installed foam plug	09/21/2018	28.9	---	---	---	---	10/12/2018	168
09/13/2018	High Acres West Expansion	WGW-8	967	Installed foam plug	09/21/2018	99.7	---	---	---	---	10/12/2018	1.7
09/13/2018	High Acres West Expansion	WGW-11R	9,089	Installed new well head, foam plug and added cover soil	09/21/2018	1.2	---	---	---	---	10/12/2018	1.4
09/13/2018	High Acres West Expansion	WGW-13R	965	Sealed liner with caulk	09/21/2018	9.9	---	---	---	---	10/12/2018	7.0
09/13/2018	High Acres West Expansion	WGW-14R	870	Installed foam plug	09/21/2018	8.6	---	---	---	---	10/12/2018	9.7
09/13/2018	High Acres West Expansion	WGW-32R	661	Installed foam plug	09/21/2018	33.2	---	---	---	---	10/12/2018	36.8
09/13/2018	High Acres West Expansion	W of WGW-37R	1,357	Cover soil added	09/21/2018	97.6	---	---	---	---	10/12/2018	57.4
09/13/2018	High Acres West Expansion	WGW-54R	4,110	Installed foam plug	09/21/2018	17.5	---	---	---	---	10/12/2018	167
09/13/2018	High Acres West Expansion	WGW-77	583	Installed foam plug	09/21/2018	27.0	---	---	---	---	10/12/2018	7.1
09/13/2018	High Acres West Expansion	WGW-122	463	Installed foam plug	09/21/2018	1.7	---	---	---	---	10/12/2018	13.0
09/13/2018	High Acres West Expansion	SC-02	3,400	Installed foam plug	09/21/2018	1.7	---	---	---	---	10/12/2018	6.5

SEM Data
High Acres Landfill
Fairport, NY

Grid ID	X	Y	CollectionDate	Result
G38	-8613696.32200	5325226.34206	Sep 13 2018 11:43AM	0.5
H36	-8613778.92577	5325186.36983	Sep 13 2018 11:45AM	0.3
H37	-8613737.91853	5325185.77867	Sep 13 2018 11:44AM	0.4
H38	-8613696.91129	5325185.18732	Sep 13 2018 11:42AM	0.7
H45	-8613409.86096	5325181.04297	Sep 12 2018 2:44PM	10.7
H46	-8613368.85381	5325180.45019	Sep 12 2018 2:43PM	10,000.0
H47	-8613327.84667	5325179.85724	Sep 12 2018 2:41PM	9.9
H48	-8613286.83951	5325179.26409	Sep 12 2018 2:40PM	150.0
I12	-8614763.68639	5325159.34851	Sep 13 2018 12:14PM	0.2
I13	-8614722.67918	5325158.76170	Sep 13 2018 12:13PM	0.1
I14	-8614681.67196	5325158.17470	Sep 13 2018 12:11PM	0.1
I15	-8614640.66473	5325157.58754	Sep 13 2018 12:10PM	0.2
I16	-8614599.65750	5325157.00022	Sep 13 2018 12:09PM	0.2
I17	-8614558.65027	5325156.41269	Sep 13 2018 12:08PM	0.2
I18	-8614517.64306	5325155.82499	Sep 13 2018 12:07PM	0.2
I19	-8614476.63585	5325155.23708	Sep 13 2018 12:06PM	0.3
I20	-8614435.62865	5325154.64899	Sep 13 2018 12:05PM	0.4
I21	-8614394.62148	5325154.06075	Sep 13 2018 12:04PM	0.2
I22	-8614353.61431	5325153.47232	Sep 13 2018 12:03PM	0.6
I23	-8614312.60714	5325152.88372	Sep 13 2018 12:02PM	1.2
I24	-8614271.59998	5325152.29491	Sep 13 2018 12:01PM	1.0
I25	-8614230.59284	5325151.70590	Sep 13 2018 12:00PM	0.5
I26	-8614189.58570	5325151.11676	Sep 13 2018 11:59AM	1.7
I27	-8614148.57854	5325150.52745	Sep 13 2018 11:58AM	3.5
I28	-8614107.57144	5325149.93792	Sep 13 2018 11:55AM	12.4
I29	-8614066.56431	5325149.34822	Sep 13 2018 11:54AM	5.2
I30	-8614025.55718	5325148.75833	Sep 13 2018 11:53AM	1.9
I31	-8613984.55010	5325148.16826	Sep 13 2018 11:52AM	1.3
I32	-8613943.54303	5325147.57803	Sep 13 2018 11:51AM	2.1
I33	-8613902.53594	5325146.98762	Sep 13 2018 11:50AM	2.9
I34	-8613861.52885	5325146.39703	Sep 13 2018 11:49AM	3.3
I35	-8613820.52179	5325145.80622	Sep 13 2018 11:47AM	0.6
I36	-8613779.51472	5325145.21527	Sep 13 2018 11:46AM	0.4
I37	-8613738.50767	5325144.62414	Sep 13 2018 11:37AM	4.5
I37	-8613738.50767	5325144.62414	Sep 13 2018 11:39AM	22.7
I38	-8613697.50059	5325144.03279	Sep 13 2018 11:40AM	1.4
I44	-8613451.45852	5325140.48104	Sep 12 2018 2:46PM	3.0
I45	-8613410.45152	5325139.88845	Sep 12 2018 2:45PM	12.1
I46	-8613369.44455	5325139.29571	Sep 12 2018 3:01PM	7.6
I46	-8613369.44455	5325139.29571	Sep 12 2018 3:02PM	3.3
I47	-8613328.43758	5325138.70278	Sep 12 2018 3:03PM	18.5
I48	-8613287.43061	5325138.10962	Sep 12 2018 2:37PM	249.0
I49	-8613246.42366	5325137.51629	Sep 12 2018 2:34PM	2.7
I49	-8613246.42366	5325137.51629	Sep 12 2018 2:35PM	3.0
I50	-8613205.41670	5325136.92283	Sep 12 2018 2:32PM	3.9
J11	-8614805.27811	5325118.78055	Sep 13 2018 12:17PM	0.2
J12	-8614764.27102	5325118.19394	Sep 13 2018 12:15PM	0.3
J13	-8614723.26396	5325117.60713	Sep 13 2018 2:41PM	0.3
J14	-8614682.25693	5325117.02016	Sep 13 2018 2:40PM	0.3
J15	-8614641.24985	5325116.43301	Sep 13 2018 2:39PM	0.3
J16	-8614600.24279	5325115.84568	Sep 13 2018 2:38PM	0.4
J17	-8614559.23578	5325115.25818	Sep 13 2018 2:36PM	0.4

SEM Data
High Acres Landfill
Fairport, NY

Grid ID	X	Y	CollectionDate	Result
J18	-8614518.22876	5325114.67047	Sep 13 2018 2:35PM	0.3
J18	-8614518.22876	5325114.67047	Sep 13 2018 2:57PM	0.3
J19	-8614477.22173	5325114.08256	Sep 13 2018 2:34PM	0.0
J20	-8614436.21472	5325113.49450	Sep 13 2018 2:33PM	0.8
J21	-8614395.20770	5325112.90625	Sep 13 2018 2:32PM	0.4
J22	-8614354.20070	5325112.31783	Sep 13 2018 2:29PM	38.0
J23	-8614313.19376	5325111.72923	Sep 13 2018 2:28PM	0.3
J24	-8614272.18676	5325111.14044	Sep 13 2018 2:27PM	0.5
J25	-8614231.17977	5325110.55145	Sep 13 2018 2:26PM	0.3
J26	-8614190.17281	5325109.96229	Sep 13 2018 2:25PM	0.1
J27	-8614149.16585	5325109.37299	Sep 13 2018 2:23PM	1.1
J28	-8614108.15891	5325108.78348	Sep 13 2018 2:22PM	2.1
J29	-8614067.15199	5325108.19379	Sep 13 2018 2:21PM	0.8
J30	-8614026.14506	5325107.60390	Sep 13 2018 2:20PM	1.1
J31	-8613985.13811	5325107.01384	Sep 13 2018 2:19PM	1.1
J32	-8613944.13123	5325106.42362	Sep 13 2018 2:18PM	1.7
J33	-8613903.12432	5325105.83322	Sep 13 2018 2:17PM	1.8
J34	-8613862.11741	5325105.24264	Sep 13 2018 2:13PM	2.5
J34	-8613862.11741	5325105.24264	Sep 13 2018 2:15PM	24.8
J35	-8613821.11051	5325104.65185	Sep 13 2018 2:12PM	3.5
J36	-8613780.10363	5325104.06090	Sep 13 2018 2:05PM	3.3
J36	-8613780.10363	5325104.06090	Sep 13 2018 2:06PM	6.3
J36	-8613780.10363	5325104.06090	Sep 13 2018 2:08PM	1,357.0
J37	-8613739.09675	5325103.46977	Sep 13 2018 11:35AM	120.0
J38	-8613698.08991	5325102.87842	Sep 12 2018 6:56PM	115.0
J38	-8613698.08991	5325102.87842	Sep 12 2018 6:58PM	0.5
J39	-8613657.08304	5325102.28694	Sep 12 2018 6:54PM	0.6
J39	-8613657.08304	5325102.28694	Sep 12 2018 6:56PM	0.9
J40	-8613616.07620	5325101.69528	Sep 12 2018 6:53PM	9.9
J41	-8613575.06937	5325101.10341	Sep 12 2018 6:49PM	0.6
J41	-8613575.06937	5325101.10341	Sep 12 2018 6:51PM	0.1
J42	-8613534.06249	5325100.51136	Sep 12 2018 2:51PM	6.4
J42	-8613534.06249	5325100.51136	Sep 12 2018 2:52PM	10.7
J42	-8613534.06249	5325100.51136	Sep 12 2018 2:53PM	3.5
J43	-8613493.05568	5325099.91913	Sep 12 2018 2:50PM	3.7
J44	-8613452.04890	5325099.32674	Sep 12 2018 2:48PM	909.0
J45	-8613411.04208	5325098.73418	Sep 12 2018 2:59PM	4.3
J46	-8613370.03527	5325098.14141	Sep 12 2018 3:00PM	2.2
J47	-8613329.02847	5325097.54849	Sep 12 2018 3:04PM	4.4
J48	-8613288.02172	5325096.95533	Sep 12 2018 3:07PM	6.4
J48	-8613288.02172	5325096.95533	Sep 12 2018 3:08PM	157.0
K11	-8614805.86256	5325077.62618	Sep 13 2018 12:18PM	0.4
K12	-8614764.85565	5325077.03958	Sep 13 2018 12:20PM	0.4
K13	-8614723.84874	5325076.45278	Sep 13 2018 2:46PM	0.2
K13	-8614723.84874	5325076.45278	Sep 13 2018 2:48PM	1.5
K14	-8614682.84186	5325075.86580	Sep 13 2018 2:49PM	0.3
K14	-8614682.84186	5325075.86580	Sep 13 2018 2:51PM	8.6
K15	-8614641.83502	5325075.27864	Sep 13 2018 2:52PM	0.1
K16	-8614600.82812	5325074.69131	Sep 13 2018 2:53PM	0.1
K17	-8614559.82126	5325074.10380	Sep 13 2018 2:54PM	0.3
K18	-8614518.81444	5325073.51612	Sep 13 2018 2:55PM	0.1
K19	-8614477.80761	5325072.92823	Sep 13 2018 2:58PM	0.2

SEM Data
High Acres Landfill
Fairport, NY

Grid ID	X	Y	CollectionDate	Result
K20	-8614436.80076	5325072.34017	Sep 13 2018 2:59PM	0.3
K21	-8614395.79393	5325071.75195	Sep 13 2018 3:03PM	0.2
K21	-8614395.79393	5325071.75195	Sep 13 2018 3:04PM	967.0
K22	-8614354.78712	5325071.16352	Sep 13 2018 3:07PM	1.6
K22	-8614354.78712	5325071.16352	Sep 13 2018 3:09PM	2.6
K23	-8614313.78032	5325070.57491	Sep 13 2018 3:11PM	0.2
K24	-8614272.77352	5325069.98617	Sep 13 2018 3:12PM	0.6
K25	-8614231.76673	5325069.39718	Sep 13 2018 3:13PM	0.6
K26	-8614190.75994	5325068.80802	Sep 13 2018 3:14PM	0.5
K26	-8614190.75994	5325068.80802	Sep 13 2018 3:16PM	0.6
K27	-8614149.75315	5325068.21872	Sep 13 2018 3:17PM	0.5
K28	-8614108.74639	5325067.62922	Sep 13 2018 3:19PM	0.4
K29	-8614067.73965	5325067.03951	Sep 13 2018 3:20PM	0.4
K29	-8614067.73965	5325067.03951	Sep 13 2018 3:22PM	0.6
K30	-8614026.73291	5325066.44966	Sep 13 2018 3:23PM	0.5
K31	-8613985.72615	5325065.85963	Sep 13 2018 3:24PM	0.5
K31	-8613985.72615	5325065.85963	Sep 13 2018 3:26PM	2.5
K32	-8613944.71941	5325065.26940	Sep 13 2018 3:27PM	0.5
K33	-8613903.71269	5325064.67901	Sep 13 2018 3:29PM	7.2
K33	-8613903.71269	5325064.67901	Sep 13 2018 3:31PM	53.0
K34	-8613862.70597	5325064.08841	Sep 13 2018 3:32PM	0.2
K35	-8613821.69928	5325063.49768	Sep 13 2018 2:03PM	3.7
K36	-8613780.69255	5325062.90671	Sep 12 2018 6:30PM	17.8
K37	-8613739.68587	5325062.31556	Sep 12 2018 6:31PM	22.8
K38	-8613698.67920	5325061.72423	Sep 12 2018 6:32PM	9.1
K38	-8613698.67920	5325061.72423	Sep 12 2018 6:35PM	114.0
K38	-8613698.67920	5325061.72423	Sep 12 2018 6:37PM	178.0
K39	-8613657.67251	5325061.13277	Sep 12 2018 6:39PM	0.6
K40	-8613616.66583	5325060.54112	Sep 12 2018 6:40PM	0.5
K40	-8613616.66583	5325060.54112	Sep 12 2018 6:43PM	0.3
K40	-8613616.66583	5325060.54112	Sep 12 2018 6:45PM	0.5
K41	-8613575.65916	5325059.94927	Sep 12 2018 6:47PM	1.6
K42	-8613534.65251	5325059.35724	Sep 12 2018 2:53PM	4.3
K42	-8613534.65251	5325059.35724	Sep 12 2018 2:54PM	2.6
K43	-8613493.64586	5325058.76500	Sep 12 2018 2:56PM	2.4
K44	-8613452.63924	5325058.17264	Sep 12 2018 2:57PM	2.6
K45	-8613411.63263	5325057.58005	Sep 12 2018 2:12PM	0.3
K46	-8613370.62600	5325056.98730	Sep 12 2018 2:13PM	0.4
K47	-8613329.61939	5325056.39437	Sep 12 2018 3:13PM	0.7
K48	-8613288.61280	5325055.80124	Sep 12 2018 3:15PM	9.5
K49	-8613247.60618	5325055.20795	Sep 12 2018 3:10PM	3.1
K50	-8613206.59959	5325054.61449	Sep 12 2018 2:31PM	81.8
L11	-8614806.44697	5325036.47197	Sep 13 2018 12:19PM	0.1
L12	-8614765.44025	5325035.88537	Sep 13 2018 12:21PM	0.3
L13	-8614724.43351	5325035.29855	Sep 13 2018 12:23PM	0.3
L14	-8614683.42683	5325034.71158	Sep 13 2018 12:24PM	0.5
L15	-8614642.42016	5325034.12445	Sep 13 2018 12:51PM	1.1
L15	-8614642.42016	5325034.12445	Sep 13 2018 12:53PM	5,066.0
L16	-8614601.41345	5325033.53715	Sep 13 2018 12:50PM	0.2
L17	-8614560.40674	5325032.94965	Sep 13 2018 12:58PM	0.2
L18	-8614519.40010	5325032.36193	Sep 13 2018 1:00PM	80.6
L18	-8614519.40010	5325032.36193	Sep 13 2018 1:02PM	1.5

SEM Data
High Acres Landfill
Fairport, NY

Grid ID	X	Y	CollectionDate	Result
L19	-8614478.39346	5325031.77409	Sep 13 2018 1:03PM	0.2
L20	-8614437.38680	5325031.18604	Sep 13 2018 1:05PM	0.1
L21	-8614396.38013	5325030.59778	Sep 13 2018 1:07PM	0.1
L21	-8614396.38013	5325030.59778	Sep 13 2018 1:10PM	9,089.0
L22	-8614355.37352	5325030.00938	Sep 13 2018 1:14PM	0.6
L22	-8614355.37352	5325030.00938	Sep 13 2018 1:16PM	0.7
L23	-8614314.36691	5325029.42080	Sep 13 2018 1:17PM	0.4
L23	-8614314.36691	5325029.42080	Sep 13 2018 1:19PM	583.0
L24	-8614273.36026	5325028.83204	Sep 13 2018 1:23PM	0.2
L25	-8614232.35369	5325028.24309	Sep 13 2018 1:26PM	1.8
L25	-8614232.35369	5325028.24309	Sep 13 2018 1:28PM	661.0
L26	-8614191.34707	5325027.65396	Sep 13 2018 1:31PM	1.4
L26	-8614191.34707	5325027.65396	Sep 13 2018 1:34PM	1.5
L27	-8614150.34045	5325027.06466	Sep 13 2018 1:35PM	10.0
L27	-8614150.34045	5325027.06466	Sep 13 2018 1:37PM	24.0
L27	-8614150.34045	5325027.06466	Sep 13 2018 1:38PM	3,400.0
L28	-8614109.33389	5325026.47516	Sep 13 2018 1:42PM	6.3
L29	-8614068.32730	5325025.88544	Sep 13 2018 1:44PM	0.7
L29	-8614068.32730	5325025.88544	Sep 13 2018 1:45PM	48.0
L30	-8614027.32071	5325025.29560	Sep 13 2018 1:47PM	0.7
L30	-8614027.32071	5325025.29560	Sep 13 2018 1:49PM	0.7
L31	-8613986.31415	5325024.70559	Sep 13 2018 1:50PM	22.0
L32	-8613945.30759	5325024.11539	Sep 13 2018 1:52PM	1.6
L32	-8613945.30759	5325024.11539	Sep 13 2018 1:53PM	178.0
L33	-8613904.30105	5325023.52498	Sep 13 2018 1:55PM	5.0
L34	-8613863.29453	5325022.93439	Sep 13 2018 1:59PM	180.0
L34	-8613863.29453	5325022.93439	Sep 13 2018 2:00PM	19.4
L35	-8613822.28802	5325022.34362	Sep 12 2018 7:01PM	22.6
L36	-8613781.28149	5325021.75270	Sep 12 2018 6:26PM	30.2
L36	-8613781.28149	5325021.75270	Sep 12 2018 6:28PM	6.9
L37	-8613740.27497	5325021.16157	Sep 12 2018 11:07AM	6.4
L38	-8613699.26848	5325020.57026	Sep 12 2018 11:08AM	2.6
L39	-8613658.26196	5325019.97880	Sep 12 2018 11:09AM	3.4
L39	-8613658.26196	5325019.97880	Sep 12 2018 11:10AM	3.0
L40	-8613617.25546	5325019.38713	Sep 12 2018 11:11AM	2.0
L41	-8613576.24897	5325018.79531	Sep 12 2018 11:12AM	2.0
L42	-8613535.24250	5325018.20330	Sep 12 2018 11:14AM	1.9
L42	-8613535.24250	5325018.20330	Sep 12 2018 11:15AM	2.1
L43	-8613494.23604	5325017.61110	Sep 12 2018 12:02PM	3.7
L44	-8613453.22960	5325017.01869	Sep 12 2018 12:04PM	3.3
L44	-8613453.22960	5325017.01869	Sep 12 2018 12:05PM	2.8
L44	-8613453.22960	5325017.01869	Sep 12 2018 12:06PM	2.9
L45	-8613412.22317	5325016.42612	Sep 12 2018 2:09PM	0.7
L46	-8613371.21669	5325015.83336	Sep 12 2018 2:15PM	0.2
L47	-8613330.21029	5325015.24043	Sep 12 2018 3:11PM	1.6
L48	-8613289.20387	5325014.64733	Sep 12 2018 3:17PM	0.2
L50	-8613207.19104	5325013.46060	Sep 12 2018 2:29PM	106.0
M12	-8614766.02483	5324994.73131	Sep 13 2018 12:19PM	2.6
M13	-8614725.01830	5324994.14452	Sep 13 2018 12:21PM	2.1
M14	-8614684.01175	5324993.55756	Sep 13 2018 12:25PM	0.4
M15	-8614643.00527	5324992.97044	Sep 13 2018 12:26PM	0.6
M15	-8614643.00527	5324992.97044	Sep 13 2018 12:29PM	2,220.0

Table 2

SEM Data
High Acres Landfill
Fairport, NY

Grid ID	X	Y	CollectionDate	Result
M16	-8614601.99875	5324992.38314	Sep 13 2018 12:33PM	0.2
M17	-8614560.99224	5324991.79563	Sep 13 2018 12:37PM	0.1
M18	-8614519.98578	5324991.20795	Sep 13 2018 12:39PM	3.4
M18	-8614519.98578	5324991.20795	Sep 13 2018 12:41PM	870.0
M19	-8614478.97928	5324990.62009	Sep 13 2018 12:44PM	3.0
M19	-8614478.97928	5324990.62009	Sep 13 2018 12:46PM	965.0
M20	-8614437.97281	5324990.03205	Sep 12 2018 6:23PM	6.0
M21	-8614396.96634	5324989.44382	Sep 12 2018 6:24PM	4.6
M22	-8614355.95990	5324988.85541	Sep 12 2018 6:25PM	6.1
M23	-8614314.95346	5324988.26686	Sep 12 2018 6:25PM	2.7
M23	-8614314.95346	5324988.26686	Sep 12 2018 6:26PM	2.8
M24	-8614273.94702	5324987.67811	Sep 13 2018 1:24PM	0.2
M25	-8614232.94061	5324987.08914	Sep 13 2018 1:25PM	1.1
M26	-8614191.93417	5324986.50005	Sep 12 2018 7:23PM	0.3
M27	-8614150.92776	5324985.91075	Sep 12 2018 7:21PM	1,070.0
M28	-8614109.92137	5324985.32123	Sep 12 2018 7:17PM	30.0
M29	-8614068.91496	5324984.73157	Sep 12 2018 7:16PM	0.9
M30	-8614027.90854	5324984.14173	Sep 12 2018 7:15PM	23.1
M31	-8613986.90215	5324983.55173	Sep 12 2018 7:11PM	2.0
M31	-8613986.90215	5324983.55173	Sep 12 2018 7:13PM	169.0
M32	-8613945.89579	5324982.96153	Sep 12 2018 7:10PM	3.3
M33	-8613904.88943	5324982.37112	Sep 12 2018 7:08PM	4.4
M33	-8613904.88943	5324982.37112	Sep 12 2018 7:09PM	14.4
M34	-8613863.88309	5324981.78051	Sep 12 2018 7:06PM	22.0
M35	-8613822.87675	5324981.18976	Sep 12 2018 7:03PM	22.5
M35	-8613822.87675	5324981.18976	Sep 12 2018 7:04PM	44.0
M36	-8613781.87039	5324980.59886	Sep 12 2018 6:25PM	6.7
M37	-8613740.86405	5324980.00775	Sep 12 2018 11:06AM	5.8
M38	-8613699.85774	5324979.41646	Sep 12 2018 11:07AM	1.1
M38	-8613699.85774	5324979.41646	Sep 12 2018 11:10AM	3.6
M39	-8613658.85143	5324978.82497	Sep 12 2018 11:11AM	6.7
M39	-8613658.85143	5324978.82497	Sep 12 2018 11:13AM	0.2
M40	-8613617.84510	5324978.23333	Sep 12 2018 11:15AM	0.4
M41	-8613576.83880	5324977.64148	Sep 12 2018 11:18AM	0.4
M41	-8613576.83880	5324977.64148	Sep 12 2018 11:20AM	0.2
M42	-8613535.83251	5324977.04949	Sep 12 2018 11:15AM	2.9
M42	-8613535.83251	5324977.04949	Sep 12 2018 11:17AM	3.0
M43	-8613494.82624	5324976.45728	Sep 12 2018 12:01PM	5.2
M44	-8613453.81996	5324975.86490	Sep 12 2018 12:07PM	4.6
M45	-8613412.81366	5324975.27235	Sep 12 2018 2:08PM	4.4
M46	-8613371.80741	5324974.67960	Sep 12 2018 2:18PM	2.8
M47	-8613330.80117	5324974.08666	Sep 12 2018 3:07PM	3.9
M47	-8613330.80117	5324974.08666	Sep 12 2018 3:09PM	2.6
M48	-8613289.79493	5324973.49357	Sep 12 2018 3:19PM	2.2
M49	-8613248.78869	5324972.90032	Sep 12 2018 3:11PM	4.3
M50	-8613207.78248	5324972.30685	Sep 12 2018 2:27PM	110.0
N12	-8614766.60938	5324953.57743	Sep 13 2018 12:19PM	8.0
N13	-8614725.60305	5324952.99068	Sep 13 2018 12:18PM	2.7
N14	-8614684.59672	5324952.40376	Sep 13 2018 12:18PM	1.8
N15	-8614643.59040	5324951.81662	Sep 13 2018 12:24PM	3.5
N16	-8614602.58406	5324951.22932	Sep 13 2018 12:34PM	0.8
N17	-8614561.57774	5324950.64182	Sep 13 2018 1:56PM	2.4

Table 2

SEM Data
High Acres Landfill
Fairport, NY

Grid ID	X	Y	CollectionDate	Result
N18	-8614520.57145	5324950.05413	Sep 13 2018 1:57PM	2.4
N19	-8614479.56515	5324949.46629	Sep 13 2018 2:02PM	4.1
N20	-8614438.55883	5324948.87825	Sep 12 2018 6:23PM	3.4
N21	-8614397.55254	5324948.29005	Sep 12 2018 6:22PM	2.6
N22	-8614356.54628	5324947.70165	Sep 12 2018 6:21PM	2.8
N23	-8614315.54001	5324947.11310	Sep 12 2018 6:27PM	1,723.0
N24	-8614274.53378	5324946.52433	Sep 12 2018 6:29PM	5.1
N24	-8614274.53378	5324946.52433	Sep 12 2018 6:30PM	8.3
N25	-8614233.52754	5324945.93539	Sep 12 2018 6:30PM	6.5
N26	-8614192.52127	5324945.34628	Sep 13 2018 3:13PM	58.4
N26	-8614192.52127	5324945.34628	Sep 13 2018 3:14PM	18.7
N27	-8614151.51504	5324944.75697	Sep 13 2018 3:15PM	463.0
N28	-8614110.50883	5324944.16751	Sep 13 2018 3:18PM	5.5
N29	-8614069.50260	5324943.57784	Sep 13 2018 3:19PM	189.0
N30	-8614028.49637	5324942.98802	Sep 13 2018 3:22PM	4,110.0
N30	-8614028.49637	5324942.98802	Sep 13 2018 3:23PM	9.2
N31	-8613987.49016	5324942.39802	Sep 13 2018 3:24PM	6.4
N32	-8613946.48399	5324941.80781	Sep 13 2018 3:27PM	7.4
N32	-8613946.48399	5324941.80781	Sep 13 2018 3:28PM	7.1
N33	-8613905.47781	5324941.21742	Sep 13 2018 3:28PM	9.6
N34	-8613864.47162	5324940.62685	Sep 13 2018 3:29PM	7.8
N34	-8613864.47162	5324940.62685	Sep 13 2018 3:30PM	45.6
N35	-8613823.46545	5324940.03610	Sep 12 2018 7:05PM	22.8
N36	-8613782.45929	5324939.44520	Sep 12 2018 6:23PM	6.7
N37	-8613741.45313	5324938.85409	Sep 12 2018 11:02AM	27.8
N38	-8613700.44699	5324938.26278	Sep 12 2018 11:01AM	51.3
N38	-8613700.44699	5324938.26278	Sep 12 2018 11:03AM	1,342.0
N39	-8613659.44085	5324937.67134	Sep 12 2018 11:52AM	7.2
N40	-8613618.43475	5324937.07971	Sep 12 2018 11:55AM	11.8
N41	-8613577.42862	5324936.48788	Sep 12 2018 11:21AM	0.1
N41	-8613577.42862	5324936.48788	Sep 12 2018 11:23AM	0.1
N41	-8613577.42862	5324936.48788	Sep 12 2018 11:25AM	1.1
N42	-8613536.42249	5324935.89587	Sep 12 2018 11:21AM	3.8
N42	-8613536.42249	5324935.89587	Sep 12 2018 11:22AM	8.6
N42	-8613536.42249	5324935.89587	Sep 12 2018 11:23AM	11.4
N43	-8613495.41640	5324935.30367	Sep 12 2018 12:04PM	0.9
N43	-8613495.41640	5324935.30367	Sep 12 2018 12:07PM	0.3
N44	-8613454.41031	5324934.71132	Sep 12 2018 12:08PM	3.4
N44	-8613454.41031	5324934.71132	Sep 12 2018 12:09PM	9.5
N45	-8613413.40420	5324934.11875	Sep 12 2018 2:06PM	0.2
N46	-8613372.39811	5324933.52601	Sep 12 2018 2:23PM	1.6
N47	-8613331.39204	5324932.93310	Sep 12 2018 3:06PM	9.3
N48	-8613290.38598	5324932.34000	Sep 12 2018 3:20PM	4.5
N49	-8613249.37994	5324931.74674	Sep 12 2018 3:13PM	21.2
N50	-8613208.37391	5324931.15332	Sep 12 2018 2:22PM	4,213.0
O14	-8614685.18166	5324911.25011	Sep 13 2018 12:17PM	1.8
O15	-8614644.17552	5324910.66301	Sep 13 2018 12:16PM	2.3
O16	-8614603.16936	5324910.07571	Sep 13 2018 12:16PM	2.7
O17	-8614562.16322	5324909.48820	Sep 13 2018 1:54PM	8.1
O17	-8614562.16322	5324909.48820	Sep 13 2018 1:55PM	2.1
O18	-8614521.15709	5324908.90053	Sep 13 2018 1:52PM	72.4
O18	-8614521.15709	5324908.90053	Sep 13 2018 1:53PM	3.5

Table 2

SEM Data
High Acres Landfill
Fairport, NY

Grid ID	X	Y	CollectionDate	Result
O19	-8614480.15096	5324908.31267	Sep 13 2018 2:05PM	3.8
O20	-8614439.14486	5324907.72464	Sep 13 2018 2:07PM	2.7
O21	-8614398.13875	5324907.13646	Sep 13 2018 2:08PM	3.8
O22	-8614357.13266	5324906.54808	Sep 12 2018 6:20PM	4.5
O23	-8614316.12656	5324905.95951	Sep 12 2018 6:20PM	9.8
O24	-8614275.12051	5324905.37075	Sep 12 2018 6:18PM	9.0
O24	-8614275.12051	5324905.37075	Sep 12 2018 6:19PM	7.9
O25	-8614234.11444	5324904.78182	Sep 12 2018 6:18PM	5.8
O25	-8614234.11444	5324904.78182	Sep 12 2018 6:31PM	12.5
O26	-8614193.10838	5324904.19272	Sep 12 2018 6:32PM	9.3
O27	-8614152.10231	5324903.60342	Sep 12 2018 6:33PM	109.0
O28	-8614111.09628	5324903.01395	Sep 12 2018 6:34PM	9.2
O29	-8614070.09025	5324902.42433	Sep 13 2018 3:11PM	4.8
O30	-8614029.08417	5324901.83448	Sep 13 2018 3:09PM	157.0
O31	-8613988.07817	5324901.24448	Sep 13 2018 3:24PM	9.1
O32	-8613947.07217	5324900.65429	Sep 13 2018 3:26PM	9.9
O33	-8613906.06615	5324900.06393	Sep 13 2018 3:31PM	4.7
O34	-8613865.06015	5324899.47336	Sep 13 2018 3:31PM	13.5
O35	-8613824.05416	5324898.88264	Sep 12 2018 6:19PM	2.2
O36	-8613783.04819	5324898.29173	Sep 12 2018 6:20PM	21.4
O36	-8613783.04819	5324898.29173	Sep 12 2018 6:22PM	3.7
O37	-8613742.04223	5324897.70063	Sep 12 2018 11:04AM	6.6
O38	-8613701.03624	5324897.10932	Sep 12 2018 11:00AM	25.3
O39	-8613660.03025	5324896.51787	Sep 12 2018 11:48AM	18.1
O39	-8613660.03025	5324896.51787	Sep 12 2018 11:50AM	10,000.0
O40	-8613619.02434	5324895.92627	Sep 12 2018 11:51AM	1,644.0
O40	-8613619.02434	5324895.92627	Sep 12 2018 11:54AM	15.7
O41	-8613578.01843	5324895.33446	Sep 12 2018 11:27AM	1.3
O42	-8613537.01246	5324894.74246	Sep 12 2018 11:25AM	21.3
O42	-8613537.01246	5324894.74246	Sep 12 2018 11:26AM	4.8
O43	-8613496.00653	5324894.15025	Sep 12 2018 12:09PM	0.4
O43	-8613496.00653	5324894.15025	Sep 12 2018 12:11PM	0.2
O44	-8613455.00064	5324893.55790	Sep 12 2018 12:10PM	170.0
O45	-8613413.99473	5324892.96537	Sep 12 2018 2:03PM	2.6
O46	-8613372.98881	5324892.37264	Sep 12 2018 2:24PM	5.2
O46	-8613372.98881	5324892.37264	Sep 12 2018 2:27PM	7.9
O47	-8613331.98292	5324891.77973	Sep 12 2018 3:05PM	10.4
O48	-8613290.97704	5324891.18664	Sep 12 2018 3:14PM	4.3
O50	-8613208.96531	5324889.99998	Sep 12 2018 2:20PM	16.6
P16	-8614603.75466	5324868.92224	Sep 13 2018 12:15PM	3.0
P17	-8614562.74870	5324868.33474	Sep 13 2018 12:14PM	2.4
P17	-8614562.74870	5324868.33474	Sep 13 2018 12:26PM	1.4
P18	-8614521.74274	5324867.74709	Sep 13 2018 12:27PM	2.4
P19	-8614480.73681	5324867.15925	Sep 13 2018 1:47PM	18.0
P20	-8614439.73086	5324866.57123	Sep 13 2018 1:45PM	2.2
P21	-8614398.72491	5324865.98304	Sep 13 2018 1:45PM	1.6
P22	-8614357.71901	5324865.39468	Sep 13 2018 2:10PM	2.9
P23	-8614316.71310	5324864.80608	Sep 13 2018 2:11PM	6.0
P24	-8614275.70721	5324864.21736	Sep 13 2018 2:12PM	3.5
P25	-8614234.70134	5324863.62846	Sep 12 2018 6:17PM	5.7
P26	-8614193.69546	5324863.03935	Sep 12 2018 6:16PM	4.2
P27	-8614152.68957	5324862.45005	Sep 12 2018 6:15PM	11.7

SEM Data
High Acres Landfill
Fairport, NY

Grid ID	X	Y	CollectionDate	Result
P28	-8614111.68370	5324861.86060	Sep 12 2018 6:35PM	10.5
P29	-8614070.67784	5324861.27099	Sep 12 2018 6:35PM	13.1
P29	-8614070.67784	5324861.27099	Sep 12 2018 6:36PM	27.1
P30	-8614029.67199	5324860.68117	Sep 13 2018 3:08PM	6.6
P31	-8613988.66613	5324860.09115	Sep 13 2018 3:08PM	8.5
P32	-8613947.66033	5324859.50099	Sep 13 2018 3:07PM	9.4
P33	-8613906.65452	5324858.91060	Sep 13 2018 3:05PM	10.9
P34	-8613865.64867	5324858.32005	Sep 13 2018 3:32PM	7.6
P34	-8613865.64867	5324858.32005	Sep 13 2018 3:33PM	8.8
P35	-8613824.64286	5324857.72932	Sep 12 2018 6:14PM	12.4
P35	-8613824.64286	5324857.72932	Sep 12 2018 6:16PM	334.0
P36	-8613783.63707	5324857.13841	Sep 12 2018 12:52PM	27.9
P37	-8613742.63129	5324856.54734	Sep 12 2018 10:59AM	4,710.0
P38	-8613701.62550	5324855.95607	Sep 12 2018 10:57AM	4.5
P39	-8613660.61968	5324855.36460	Sep 12 2018 11:47AM	4.2
P39	-8613660.61968	5324855.36460	Sep 12 2018 11:48AM	2.6
P40	-8613619.61392	5324854.77299	Sep 12 2018 11:48AM	3.6
P41	-8613578.60818	5324854.18120	Sep 12 2018 11:28AM	3.2
P41	-8613578.60818	5324854.18120	Sep 12 2018 11:30AM	0.3
P42	-8613537.60242	5324853.58920	Sep 12 2018 11:27AM	2.4
P43	-8613496.59669	5324852.99703	Sep 12 2018 12:13PM	1.3
P43	-8613496.59669	5324852.99703	Sep 12 2018 12:16PM	6.6
P44	-8613455.59096	5324852.40465	Sep 12 2018 12:12PM	16.9
P45	-8613414.58523	5324851.81213	Sep 12 2018 1:58PM	10.1
P45	-8613414.58523	5324851.81213	Sep 12 2018 2:01PM	8.9
P46	-8613373.57949	5324851.21942	Sep 12 2018 2:28PM	3.3
P47	-8613332.57378	5324850.62653	Sep 12 2018 3:00PM	4.5
P48	-8613291.56807	5324850.03344	Sep 12 2018 3:15PM	4.4
P48	-8613291.56807	5324850.03344	Sep 12 2018 3:16PM	18.3
P49	-8613250.56237	5324849.44019	Sep 12 2018 2:14PM	4.8
P49	-8613250.56237	5324849.44019	Sep 12 2018 2:16PM	275.0
Q17	-8614563.33415	5324827.18148	Sep 13 2018 12:12PM	2.4
Q18	-8614522.32839	5324826.59382	Sep 13 2018 12:10PM	2.3
Q19	-8614481.32263	5324826.00602	Sep 13 2018 12:28PM	4.2
Q20	-8614440.31686	5324825.41801	Sep 13 2018 12:29PM	4.9
Q21	-8614399.31110	5324824.82981	Sep 13 2018 12:29PM	2.4
Q21	-8614399.31110	5324824.82981	Sep 13 2018 12:30PM	108.0
Q22	-8614358.30537	5324824.24142	Sep 13 2018 1:44PM	3.0
Q23	-8614317.29964	5324823.65289	Sep 13 2018 1:43PM	2.2
Q24	-8614276.29394	5324823.06414	Sep 13 2018 2:13PM	2.4
Q25	-8614235.28822	5324822.47524	Sep 13 2018 2:14PM	4.3
Q26	-8614194.28251	5324821.88615	Sep 13 2018 2:15PM	2.8
Q27	-8614153.27683	5324821.29686	Sep 12 2018 6:14PM	7.1
Q28	-8614112.27113	5324820.70743	Sep 12 2018 6:13PM	7.0
Q29	-8614071.26544	5324820.11781	Sep 12 2018 6:36PM	12.4
Q29	-8614071.26544	5324820.11781	Sep 12 2018 6:37PM	12.3
Q30	-8614030.25978	5324819.52798	Sep 12 2018 6:38PM	15.4
Q31	-8613989.25413	5324818.93800	Sep 12 2018 6:39PM	9.5
Q32	-8613948.24848	5324818.34781	Sep 12 2018 6:39PM	7.9
Q32	-8613948.24848	5324818.34781	Sep 12 2018 6:40PM	140.0
Q33	-8613907.24284	5324817.75747	Sep 13 2018 3:04PM	5.1
Q34	-8613866.23719	5324817.16694	Sep 13 2018 3:02PM	13.3

SEM Data
High Acres Landfill
Fairport, NY

Grid ID	X	Y	CollectionDate	Result
Q35	-8613825.23157	5324816.57621	Sep 12 2018 6:12PM	6.3
Q36	-8613784.22595	5324815.98530	Sep 12 2018 12:54PM	35.3
Q36	-8613784.22595	5324815.98530	Sep 12 2018 12:55PM	433.0
Q37	-8613743.22031	5324815.39422	Sep 12 2018 12:52PM	5.0
Q37	-8613743.22031	5324815.39422	Sep 12 2018 12:54PM	1,126.0
Q38	-8613702.21473	5324814.80297	Sep 12 2018 10:56AM	11.2
Q39	-8613661.20911	5324814.21154	Sep 12 2018 11:24AM	2.4
Q39	-8613661.20911	5324814.21154	Sep 12 2018 11:46AM	2.5
Q40	-8613620.20349	5324813.61991	Sep 12 2018 12:01PM	7.4
Q41	-8613579.19794	5324813.02811	Sep 12 2018 11:32AM	1.6
Q42	-8613538.19237	5324812.43613	Sep 12 2018 11:29AM	1.8
Q43	-8613497.18683	5324811.84397	Sep 12 2018 12:18PM	0.5
Q43	-8613497.18683	5324811.84397	Sep 12 2018 12:20PM	0.3

Attachment 1
Calibration Sheets

Project Number: 11146097

Client: WMNY

Date: 9/12/18

Operator Name: Mike Casullo

Facility: High Acres LF

Instrument ID: NF 07163

Zero Gas Lot Number: 114-400859291-1 Exp. Date 2/17/25

Calibration Gas Lot Number: HBH-150A-500-4 Exp. Date 7/11/21

Calibration Gas Conc.: 500 ppm

90% of Calib. Gas Conc.: 450 ppm

Trial No.	Time to reach 90% gas value
1	3.11 seconds
2	3.74 seconds
3	3.50 seconds
Average	3.45 seconds

NOTE: Must be < 30 seconds

Trial No.	Meter Reading After Zero Gas *	Meter Reading After Methane Gas	Difference Between Calibration Gas and Meter Reading
1	0 ppm	513 ppm	13 ppm
2	0 ppm	507 ppm	7 ppm
3	0 ppm	504 ppm	4 ppm

Average Difference: 8 ppm

Calibration Precision = Average Difference/Calibration Gas Conc. X 100%

= 8 ppm / 500 ppm X 100%

= 1.6 %

* If results are > zero (0 ppm) then an internal calibration is required

Project Number: 11146097

Client: WMNY

General Information:

Date: 9/12/18

Operator Name: Michael Casullo

Facility: High Acres LF

Instrument ID: NF 07163

Wind Direction: N NE E SE S SW W (NW) (circle one)

Approximate Wind Speed ~5 mph

General Weather: 64 °F,

clear, partly cloudy, (overcast), _____ (circle one or write in)

(no precip.), drizzle, rain, snow, _____ (circle one or write in)

Calibration Information:

Calibration Gas Conc.: 500 ppm

Conduct internal zero calibration? (Yes) No (circle one)

Instrument reading after calibration: 508 ppm (should be same as above)

Time of Calibration: 9:30 (am) pm (fill in and pick one)

Background Concentration Information:

Background concentration upwind of site: 1.24 ppm

Background concentrations downwind of site: 3.31 ppm

Average: 2.28 ppm

Location of background readings

Upwind: Main Office Parking Lot

Downwind: SE corner of Closed LF on Perimeter Road

Signature _____

Project Number: 11146097

Client: WMNY

Date: 9/12/18

Operator Name: Michael Casullo

Facility: High Acres LF

Instrument ID: GHD 09301

Zero Gas Lot Number: 114-400859291-1 Exp. Date 2/17/25

Calibration Gas Lot Number: HBH-150A-500-4 Exp. Date 7/11/21

Calibration Gas Conc.: 500 ppm

90% of Calib. Gas Conc.: 450 ppm

Trial No.	Time to reach 90% gas value	
1	4.94	seconds
2	4.09	seconds
3	3.77	seconds
Average	4.27	seconds NOTE: Must be < 30 seconds

Trial No.	Meter Reading After Zero Gas *	Meter Reading After Methane Gas	Difference Between Calibration Gas and Meter Reading
1	0 ppm	512 ppm	12 ppm
2	0 ppm	505 ppm	5 ppm
3	0 ppm	497 ppm	3 ppm

Average Difference: 6.67 ppm

Calibration Precision = Average Difference/Calibration Gas Conc. X 100%

= 6.67 ppm / 500 ppm X 100%

= 1.33 %

* If results are > zero (0 ppm) then an internal calibration is required

Project Number: 11146097

Client: WMNY

General Information:

Date: 9/12/18

Operator Name: Mike Casullo

Facility: High Acres LF

Instrument ID: GHD 09301

Wind Direction: N NE E SE S SW W (NW) (circle one)

Approximate Wind Speed ~5 mph

General Weather: 64 °F,
clear, partly cloudy, (overcast), _____ (circle one or write in)

(no precip.), drizzle, rain, snow, _____ (circle one or write in)

Calibration Information:

Calibration Gas Conc.: 500 ppm

Conduct internal zero calibration? (Yes) No (circle one)

Instrument reading after calibration: 505 ppm (should be same as above)

Time of Calibration: 9:30 (am) pm (fill in and pick one)

Background Concentration Information:

Background concentration upwind of site: 1.24 ppm

Background concentrations downwind of site: 3.31 ppm

Average: 2.28 ppm

Location of background readings

Upwind: Main Office Parking Lot

Downwind: SE Corner of Closed LF on perimeter road

Signature [signature]

Project Number: 11146097

Client: WMNY

Date: 9/13/18

Operator Name: Michael Casullo

Facility: High Acres LF

Instrument ID: NF 07163

Zero Gas Lot Number: 114-4008592491-1 Exp. Date 2/17/25

Calibration Gas Lot Number: HBH-150A-500-4 Exp. Date 7/11/21

Calibration Gas Conc.: 500 ppm

90% of Calib. Gas Conc.: 450 ppm

Trial No.	Time to reach 90% gas value
1	3.75 seconds
2	3.25 seconds
3	3.36 seconds
Average	3.45 seconds

NOTE: Must be < 30 seconds

Trial No.	Meter Reading After Zero Gas *	Meter Reading After Methane Gas	Difference Between Calibration Gas and Meter Reading
1	Ø ppm	493 ppm	7 ppm
2	Ø ppm	491 ppm	9 ppm
3	Ø ppm	491 ppm	9 ppm

Average Difference: 8.33 ppm

Calibration Precision = Average Difference/Calibration Gas Conc. X 100%

= 8.33 ppm / 500 ppm X 100%

= 1.67 %

* If results are > zero (0 ppm) then an internal calibration is required

Project Number: 11146097

Client: WMNY

General Information:

Date: 9/13/18

Operator Name: Michael Casullo

Facility: High Acres LF

Instrument ID: GHD 09301

Wind Direction: N NE E SE S SW (W) NW (circle one)

Approximate Wind Speed 5-10 mph

General Weather: 64 °F,

clear, partly cloudy, (overcast), _____ (circle one or write in)

(no precip), drizzle, rain, snow, _____ (circle one or write in)

Calibration Information:

Calibration Gas Conc.: 500 ppm

Conduct internal zero calibration? (Yes) No (circle one)

Instrument reading after calibration: 495 ppm (should be same as above)

Time of Calibration: 8 :25 (am) pm (fill in and pick one)

Background Concentration Information:

Background concentration upwind of site: 1.51 ppm

Background concentrations downwind of site: 3.01 ppm

Average: 2.26 ppm

Location of background readings

Upwind: West of WEX on perimeter road

Downwind: East of Closed LF / Cell 11 Boundary on perimeter road

Signature _____

Project Number: 11146097

Client: WMNY

Date: 9/13/18

Operator Name: Michael Casullo

Facility: High Acres LF

Instrument ID: GHD 09301

Zero Gas Lot Number: 114-4008 59291-1 Exp. Date 2/17/25

Calibration Gas Lot Number: HBH-150A-500-4 Exp. Date 7/11/21

Calibration Gas Conc.: 500 ppm

90% of Calib. Gas Conc.: 480 ppm

Trial No.	Time to reach 90% gas value
1	3.22 seconds
2	4.21 seconds
3	4.09 seconds
Average	3.84 seconds

NOTE: Must be < 30 seconds

Trial No.	Meter Reading After Zero Gas *	Meter Reading After Methane Gas	Difference Between Calibration Gas and Meter Reading
1	Ø ppm	501 ppm	1 ppm
2	Ø ppm	493 ppm	7 ppm
3	Ø ppm	490 ppm	10 ppm

Average Difference: 6 ppm

Calibration Precision = Average Difference/Calibration Gas Conc. X 100%

= 6 ppm / 500 ppm X 100%

= 1.2 %

* If results are > zero (0 ppm) then an internal calibration is required

Project Number: 11146097

Client: WMNY

General Information:

Date: 9/13/18

Operator Name: Michael Casullo

Facility: High Acres LF

Instrument ID: NF07163

Wind Direction: N NE E SE S SW (W) NW (circle one)

Approximate Wind Speed 5-10 mph

General Weather: 64 °F,

clear, partly cloudy, (overcast), _____ (circle one or write in)

(no precip), drizzle, rain, snow, _____ (circle one or write in)

Calibration Information:

Calibration Gas Conc.: 500 ppm

Conduct internal zero calibration? (Yes) No (circle one)

Instrument reading after calibration: 495 ppm (should be same as above)

Time of Calibration: 8:25 (am) pm (fill in and pick one)

Background Concentration Information:

Background concentration upwind of site: 1.51 ppm

Background concentrations downwind of site: 3.01 ppm

Average: 2.26 ppm

Location of background readings

Upwind: West of WEX on perimeter road

Downwind: East of Closed LF/Cell 11 boundary on perimeter road

Signature Michael A. Casullo

Project Number: 11146097

Client: WMNT

Date: 9/21/18

Operator Name: Michael Cesolla

Facility: High Acres LF

Instrument ID: GHD 08300

Zero Gas Lot Number: 114-400859291-1 Exp. Date 2/17/25

Calibration Gas Lot Number: HBH-150A-500-4 Exp. Date 7/11/21

Calibration Gas Conc.: 500 ppm

90% of Calib. Gas Conc.: 450 ppm

Trial No.	Time to reach 90% gas value
1	3.46 seconds
2	3.36 seconds
3	3.24 seconds
Average	3.35 seconds

NOTE: Must be < 30 seconds

Trial No.	Meter Reading After Zero Gas *	Meter Reading After Methane Gas	Difference Between Calibration Gas and Meter Reading
1	0 ppm	496 ppm	4 ppm
2	0 ppm	495 ppm	5 ppm
3	0 ppm	493 ppm	7 ppm

Average Difference: 5.33 ppm

Calibration Precision = Average Difference/Calibration Gas Conc. X 100%

= 5.33 ppm / 500 ppm X 100%

= 1.07 %

* If results are > zero (0 ppm) then an internal calibration is required

Project Number: 11146047

Client: WM NY

General Information:

Date: 9/21/18

Operator Name: Michael Cosulla

Facility: High Acres LF

Instrument ID: GHD 09300

Wind Direction: N NE E (SE) S SW W NW (circle one)

Approximate Wind Speed ~15 mph

General Weather: 81 °F,

(clear) partly cloudy, overcast, _____ (circle one or write in)

(no precip.), drizzle, rain, snow, _____ (circle one or write in)

Calibration Information:

Calibration Gas Conc.: 500 ppm

Conduct internal zero calibration? (Yes) No (circle one)

Instrument reading after calibration: 495 ppm (should be same as above)

Time of Calibration: 10 : 25 (am) pm (fill in and pick one)

Background Concentration Information:

Background concentration upwind of site: 1.00 ppm

Background concentrations downwind of site: 2.30 ppm

Average: 1.65 ppm

Location of background readings

Upwind: SE Corner of Closed LF on perimeter road

Downwind: Main Office Parking Lot

Signature: [signature]

Project Number: 11146097

Client: WMNY

Date: 10/12/18

Operator Name: Michael Casullo

Facility: High Acres LF

Instrument ID: GHD 09300

Zero Gas Lot Number: 114-400859291-1 Exp. Date 2/17/25

Calibration Gas Lot Number: HBH-190A-500-4 Exp. Date 7/11/21

Calibration Gas Conc.: 500 ppm

90% of Calib. Gas Conc.: 450 ppm

Trial No.	Time to reach 90% gas value	
1	3.43	seconds
2	3.62	seconds
3	3.58	seconds
Average	3.54	seconds

NOTE: Must be < 30 seconds

Trial No.	Meter Reading After Zero Gas *	Meter Reading After Methane Gas	Difference Between Calibration Gas and Meter Reading
1	Ø ppm	503 ppm	3 ppm
2	Ø ppm	502 ppm	2 ppm
3	Ø ppm	503 ppm	3 ppm

Average Difference: 2.67 ppm

Calibration Precision = Average Difference/Calibration Gas Conc. X 100%

= 2.67 ppm / 500 ppm X 100%

= 0.5 %

* If results are > zero (0 ppm) then an internal calibration is required

Project Number: 11146097

Client: WMNY

General Information:

Date: 10/12/18

Operator Name: Michael Casullo

Facility: High Acres Landfill

Instrument ID: GHD09300

Wind Direction: N NE E SE S SW W (NW) (circle one)

Approximate Wind Speed 10-15 mph

General Weather: 46 °F,
clear, partly cloudy, (overcast), _____ (circle one or write in)

no precip., (drizzle), rain, snow, _____ (circle one or write in)

Calibration Information:

Calibration Gas Conc.: 500 ppm

Conduct internal zero calibration? (Yes) No (circle one)

Instrument reading after calibration: 503 ppm (should be same as above)

Time of Calibration: 9:15 (am) pm (fill in and pick one)

Background Concentration Information:

Background concentration upwind of site: 1.90 ppm

Background concentrations downwind of site: 4.20 ppm

Average: 3.05 ppm

Location of background readings

Upwind: Main Office Parking Lot

Downwind: SE corner of Closed LF on perimeter road

Signature _____

Airgas
an Air Liquide company

Airgas Northeast region
Airgas USA, LLC
1 Plank St
Billerica, MA 01821-0000
Airgas.com

CERTIFICATE OF BATCH ANALYSIS

Grade of Product: CEM-CAL ZERO

Part Number:	AI CZ15A	Reference Number:	114-400859291-1
Cylinder Analyzed:	CC119254	Cylinder Volume:	146.0 CF
Laboratory:	113 - Billerica (SAP) - MA	Cylinder Pressure:	2000 PSIG
Analysis Date:	Feb 17, 2017	Valve Outlet:	590
Lot Number:	114-400859291-1		

Expiration Date: Feb 17, 2025

ANALYTICAL RESULTS

Component	Requested Purity	Certified Concentration
AIR		
Carbon Dioxide	< 1.0 PPM	<LDL 0.049 PPM
NOx	< 0.1 PPM	< 0.10 PPM
Sulfur Dioxide	< 0.1 PPM	< 0.10 PPM
THC	< 0.1 PPM	<LDL 0.023 PPM
Percent Oxygen	20-21 %	20.18 %
Carbon Monoxide	< 0.5 PPM	<LDL 0.059 PPM

Permanent Notes: Airgas certifies that the contents of this cylinder meet the requirements of 40 CFR 72.2

Cylinders in Batch:

CC111714, CC119254, CC162103, CC281603, CC33497, CC346559, CC45810, CC47225, SG9113426BAL

Impurities verified against analytical standards traceable to NIST by weight and/or analysis.

Signature on file
Approved for Release

GASCO AFFILIATES, LLC.

320 Scarlet Blvd.
Oldsmar, FL 34677
(800) 910-0051
fax: (866) 755-8920
www.gascogas.com

CERTIFICATE OF ANALYSIS

Date: July 11, 2017
Order Number: 21786
Lot Number: HBH-150A-500-4

Customer: Industrial Environmental

Use Before: 07/11/2021

Component	Specification (+/- 5%)	Analytical Result (+/- 2%)
Methane	500 PPM	490 PPM
Air	Balance	Balance

Cylinder Size: 3.708 Cu. Ft.
Contents: 105 Liter (EcoSmart)

Valve: 5/8" -18UNF (C-10)
Pressure: 1200 psig

The calibration gas prepared by Gasco is considered a certified standard. It is prepared by gravimetric, or partial pressure techniques. The calibration standard provided is certified against Gasco's G.M.I.S. (Gas Manufacturer's Intermediate Standard) which is either prepared by weights traceable to the National Institute of Standards and Technology (NIST) or by using NIST Standard Reference Materials where available.

Analyst:

Havanna Ortega

Havanna Ortega

Attachment 2
Exceedance Photographs

High Acres Landfill
Surface Emission Monitoring
Third Quarter - 2018

1. EGW-12R
    - Initial Reading – 381 ppm
    - 9/12/2018



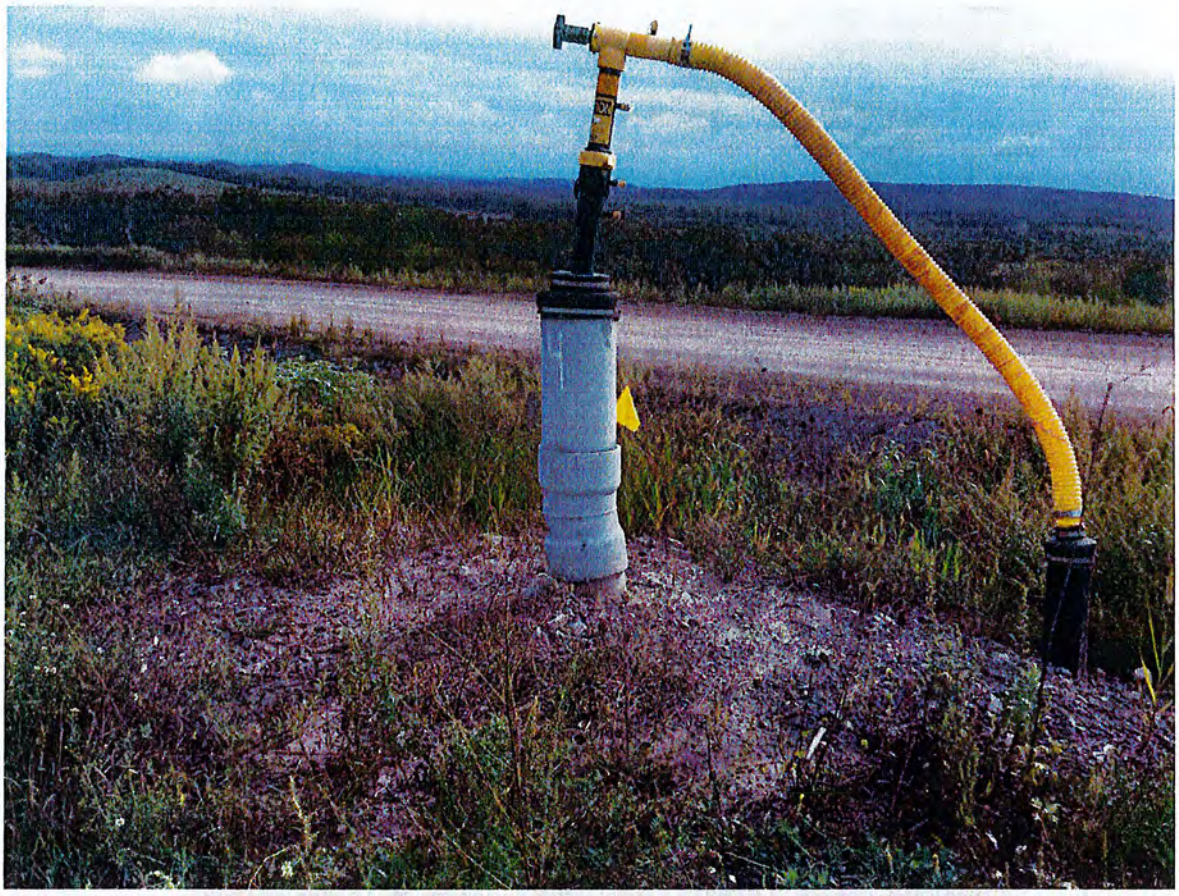
EGW-12R

- Corrective Action: Installed foam plug
- 10-Day Follow Up Reading – 28.3 ppm
- 9/21/2018



2. EGW-14

   - Initial Reading – 371 ppm
   - 9/12/2018



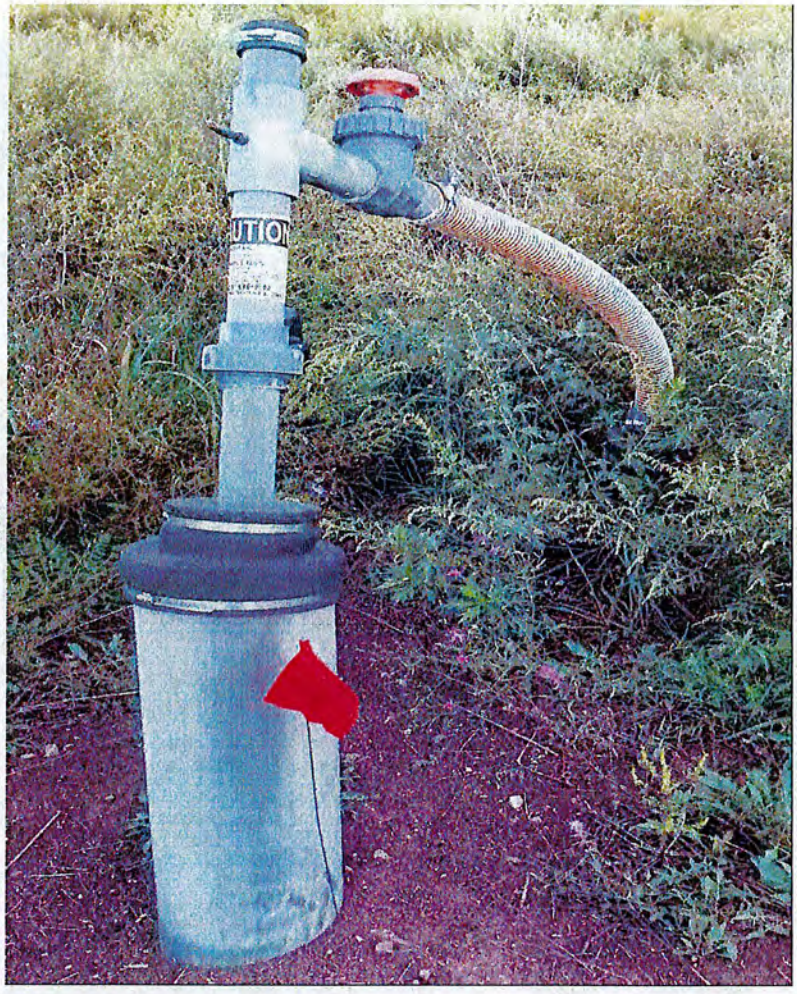
EGW-14

- Corrective Action: Installed foam plug and added cover soil.
- 10-Day Follow Up Reading – 10.5 ppm
- 9/21/2018



3. EGW-25

    a. Initial Reading – 4,596 ppm
    b. 9/12/2018



EGW-25

- Corrective Action: Installed foam plug and added cover soil.
- Additional 10-Day Follow Up Reading – 35.8 ppm
- 9/20/2018



4. Grassless Area in Grid AD51
    - Initial Reading – 414 ppm
    - 9/12/2018



- Grassless Area in Grid AD51
  - Corrective Action: Added cover soil
  - 10-Day Follow Up Reading – 4.9 ppm
  - 9/21/2018



5. Grassless Area in Grid AF51
    - Initial Reading – 343 ppm
    - 9/12/2018

    - Grassless Area in Grid AF51
        - Corrective Action: Added cover soil
        - 10-Day Follow Up Reading – 48.9 ppm
        - 9/21/2018



6. WGW-56R
    - Initial Reading – 1,740 ppm
    - 9/12/2018



- WGW-56R
  - Corrective Action: Installed foam plug, added cover soil and installed liner vacuum
  - 10-Day Follow Up Reading – 2.2 ppm
  - 9/21/2018



7. WGW-70R
    - Initial Reading – 10,000 ppm
    - 9/12/2018



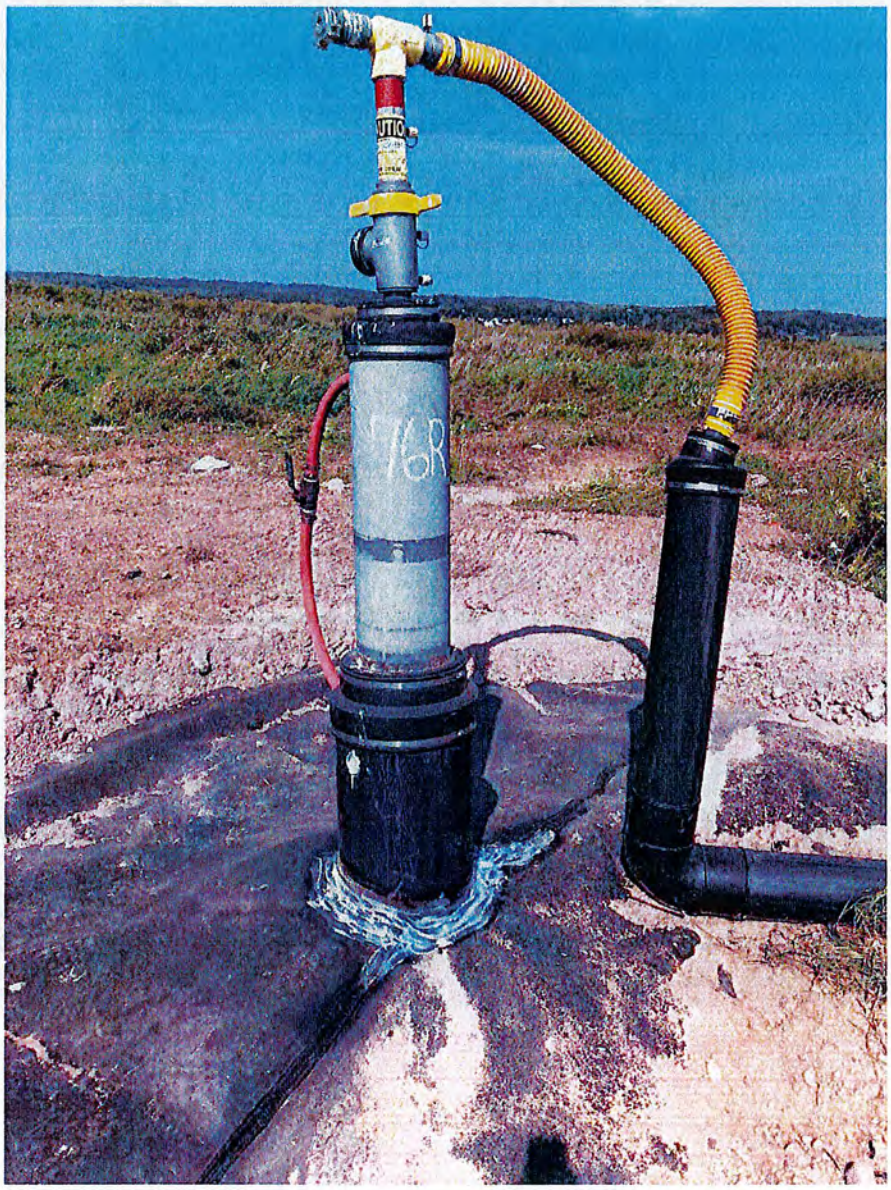
- WGW-70R
  - Corrective Action: Liner installed and vacuum increased
  - 10-Day Follow Up Reading – 2.0 ppm
  - 9/21/2018



8. WGW-76R
    - Initial Reading – 1,723 ppm
    - 9/12/2018



- WGW-76R
  - Corrective Action: Reinstalled liner and sealed with caulk
  - 10-Day Follow Up Reading – 1.4 ppm
  - 9/21/2018



9. WGW-83
    - Initial Reading – 1,124 ppm
    - 9/12/2018



- WGW-83
  - Corrective Action: Installed liner
  - 10-Day Follow Up Reading – 3.1 ppm
  - 9/21/2018



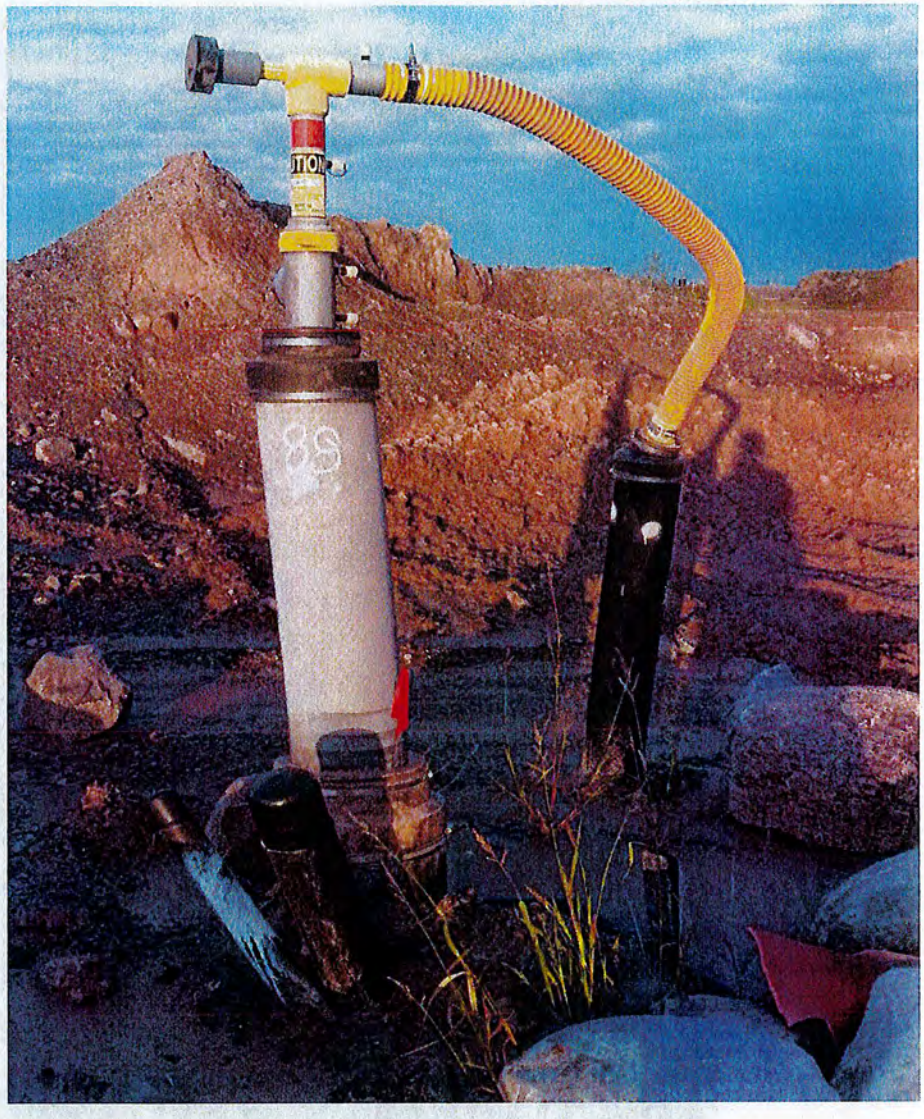
10. South of WGW-83
    - Initial Reading – 1,219 ppm
    - 9/12/2018



- South of WGW-83
  - Corrective Action: Installed liner
  - 10-Day Follow Up Reading – 1.4 ppm
  - 9/21/2018



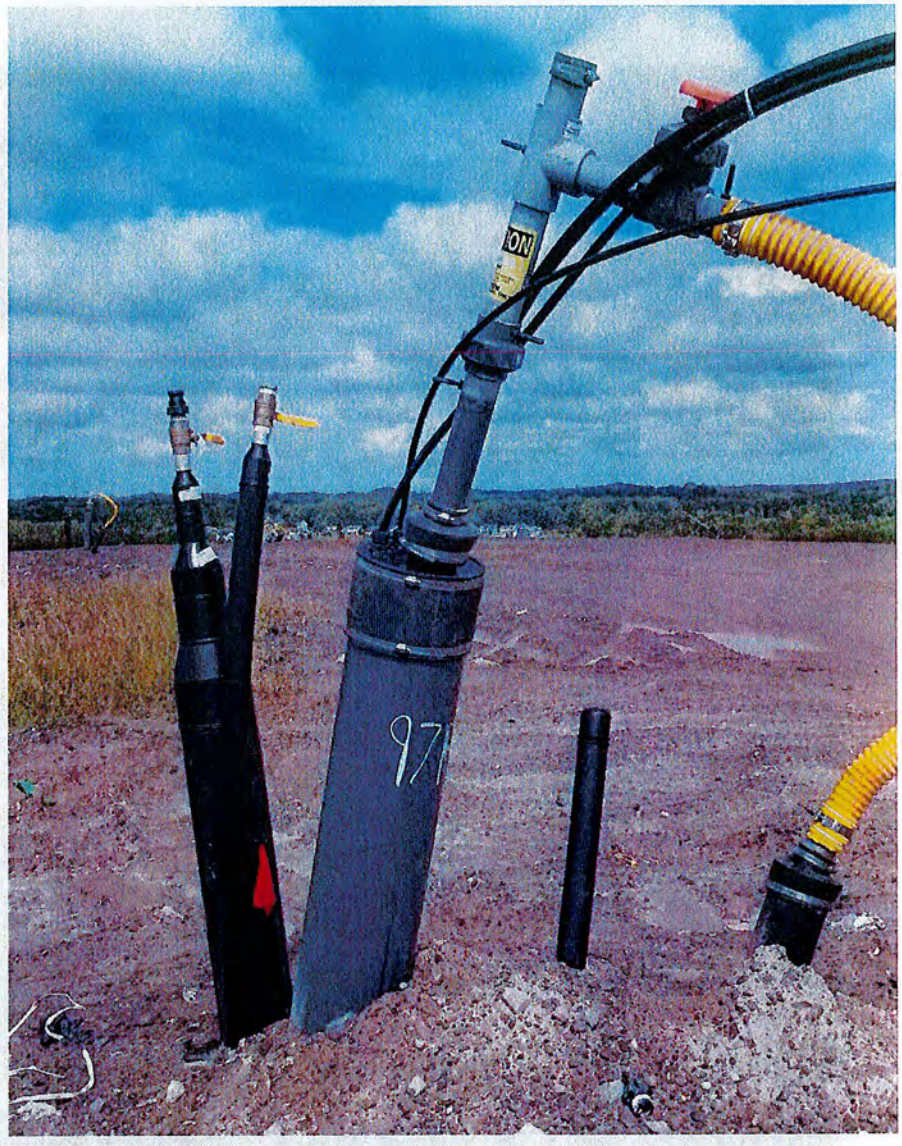
11. WGW-88
    - Initial Reading – 3,301 ppm
    - 9/12/2018



- WGW-88
  - Corrective Action: Installed liner
  - 10-Day Follow Up Reading – 4.8 ppm
  - 9/21/2018



12. WGW-97R
    - Initial Reading – 1,342 ppm
    - 9/12/2018



- WGW-97R
  - Corrective Action: Installed liner
  - 10-Day Follow Up Reading – 87.1 ppm
  - 9/21/2018



13. WGW-98
    - Initial Reading – 3,117 ppm
    - 9/12/2018



- WGW-98
  - Corrective Action: Installed liner
  - 10-Day Follow Up Reading – 5.5 ppm
  - 9/21/2018



14. WGW-104
    - Initial Reading – 909 ppm
    - 9/12/2018



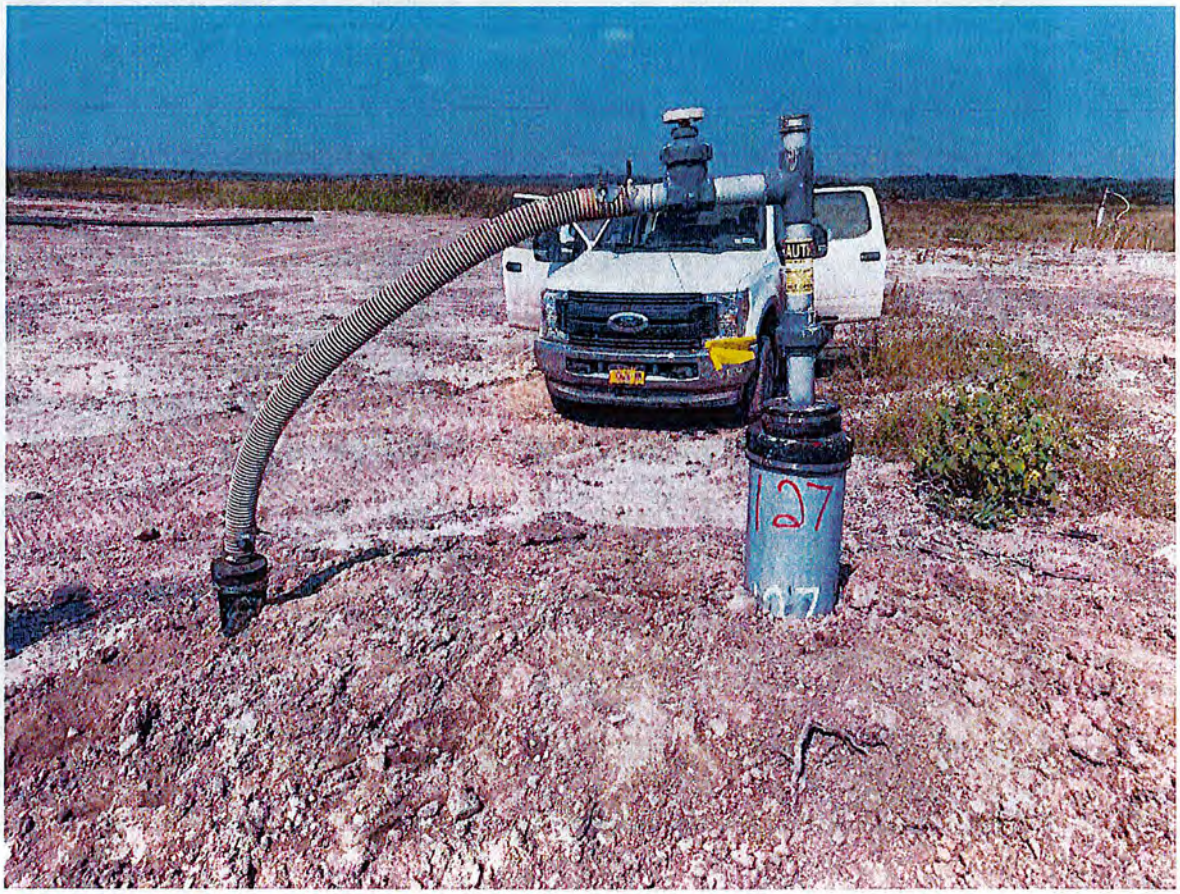
- WGW-104
  - Corrective Action: Sealed liner with caulk
  - 10-Day Follow Up Reading – 27.8 ppm
  - 9/21/2018



15. WGW-127
    - Initial Reading – 334 ppm
    - 9/12/2018



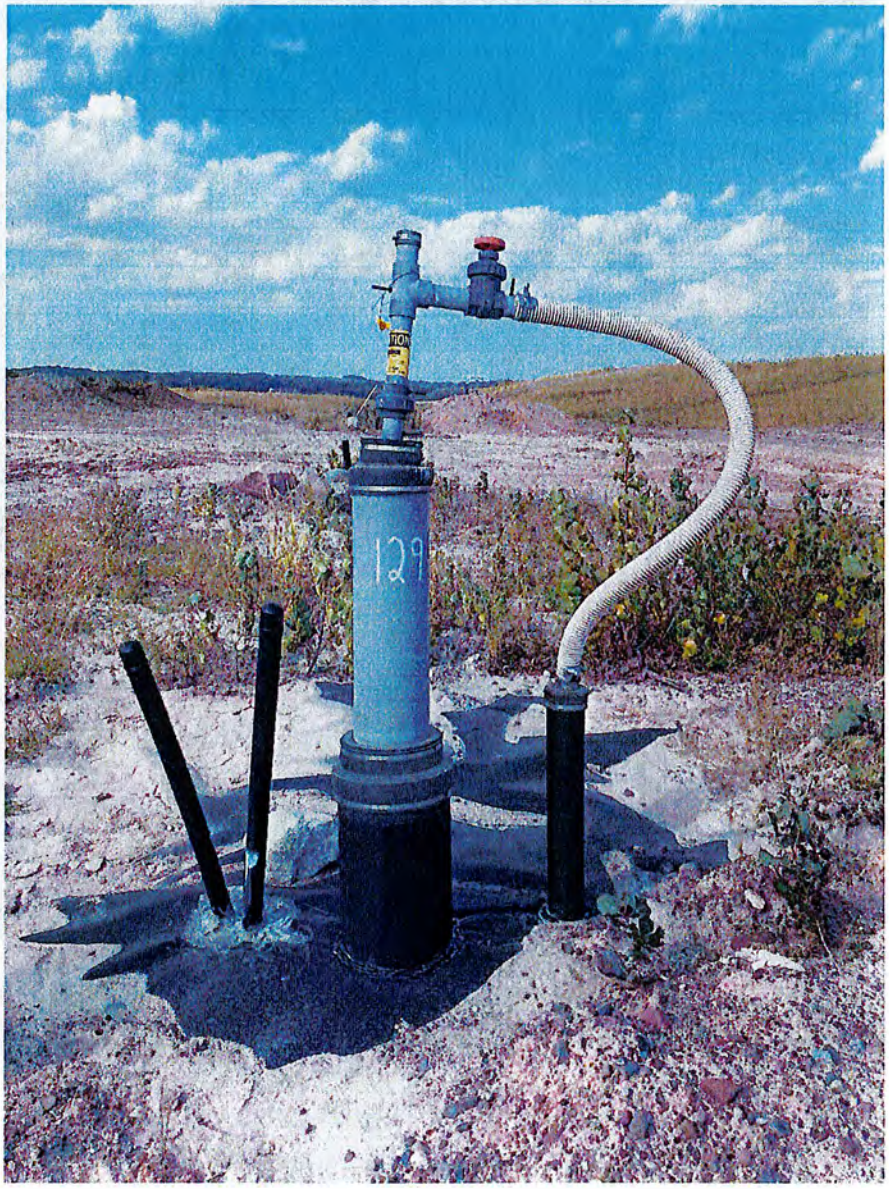
- WGW-127
  - Corrective Action: Installed foam plug
  - 10-Day Follow Up Reading – 140.0 ppm
  - 9/21/2018



16. WGW-129
    - Initial Reading – 433 ppm
    - 9/12/2018



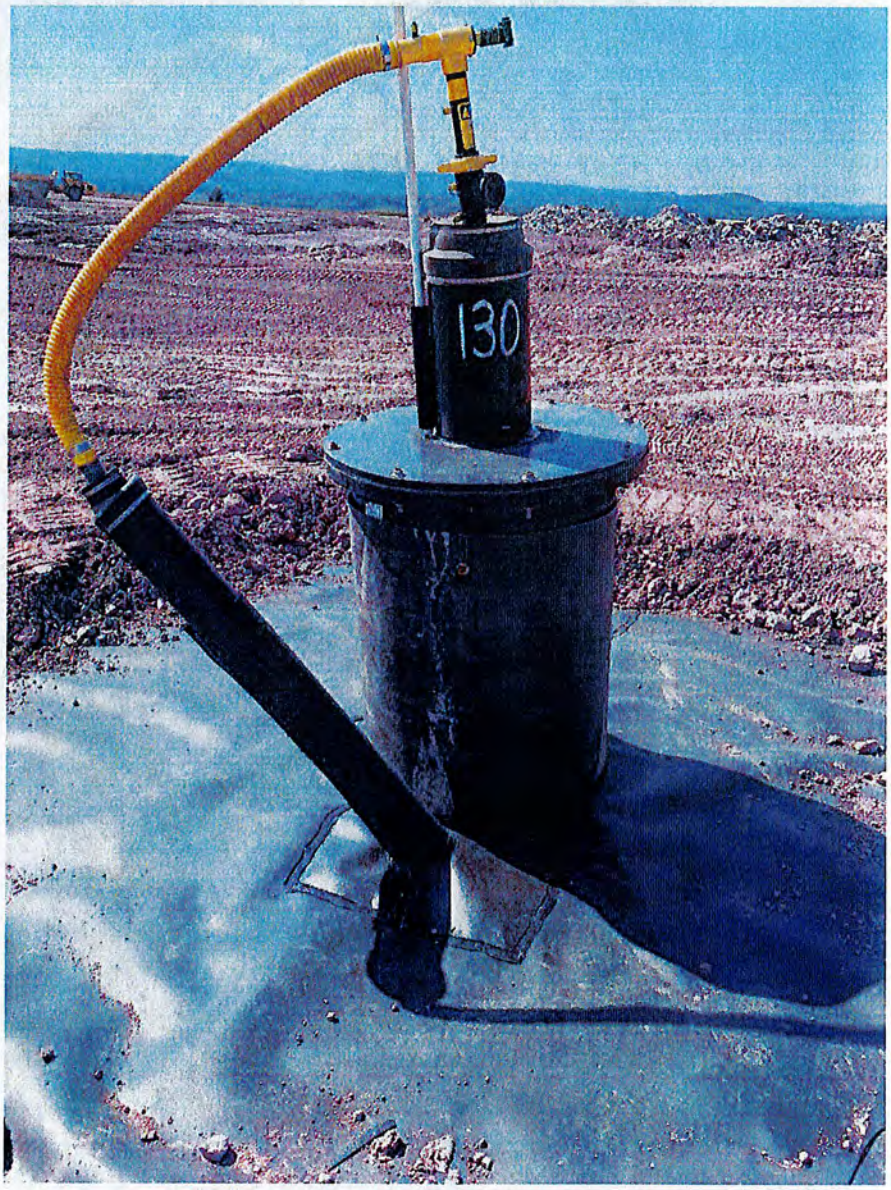
- WGW-129
  - Corrective Action: Sealed liner with caulk
  - 10-Day Follow Up Reading – 31.3 ppm
  - 9/21/2018



17. WGW-130
    - Initial Reading – 408 ppm
    - 9/12/2018



- WGW-130
  - Corrective Action: Installed liner
  - 10-Day Follow Up Reading – 150.0 ppm
  - 9/21/2018



18. South of WGW-130
    - Initial Reading – 778 ppm
    - 9/12/2018



- South of WGW-130
  - Corrective Action: Installed liner
  - 10-Day Follow Up Reading – 38.5 ppm
  - 9/21/2018



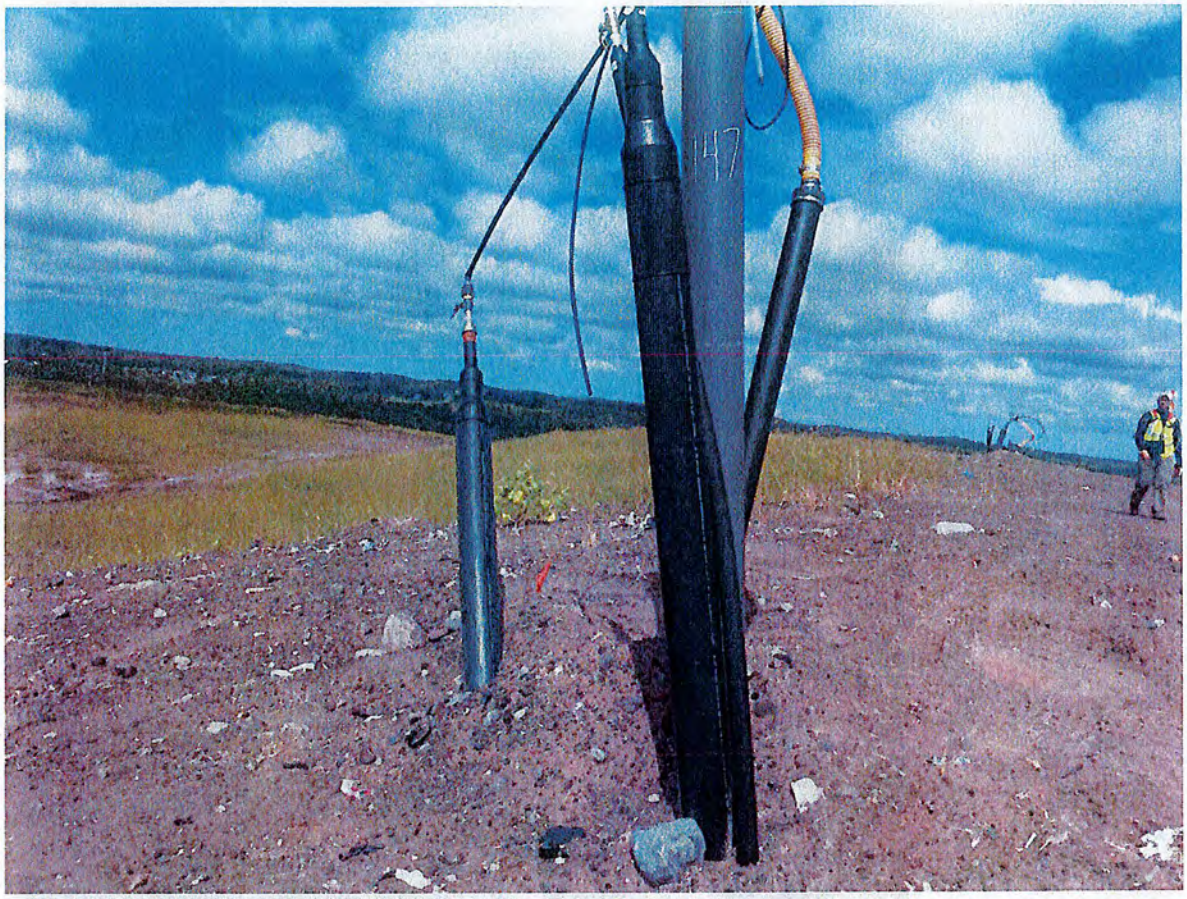
19. WGW-139
    - Initial Reading – 1,981 ppm
    - 9/12/2018



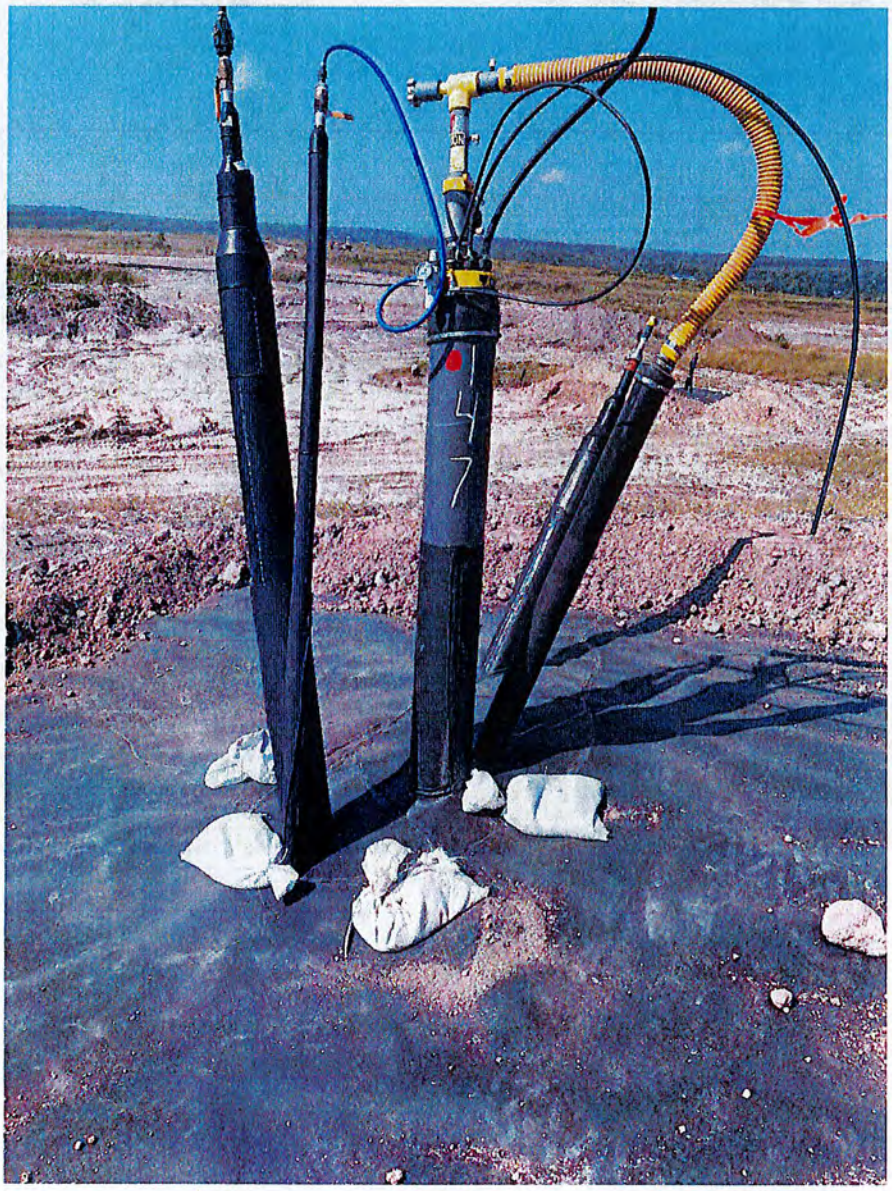
- WGW-139
  - Corrective Action: Installed liner and sealed with caulk
  - 10-Day Follow Up Reading – 78.6 ppm
  - 9/21/2018



20. WGW-147
    - Initial Reading – 4,710 ppm
    - 9/12/2018



- WGW-147
  - Corrective Action: Installed liner
  - 10-Day Follow Up Reading – 3.5 ppm
  - 9/21/2018



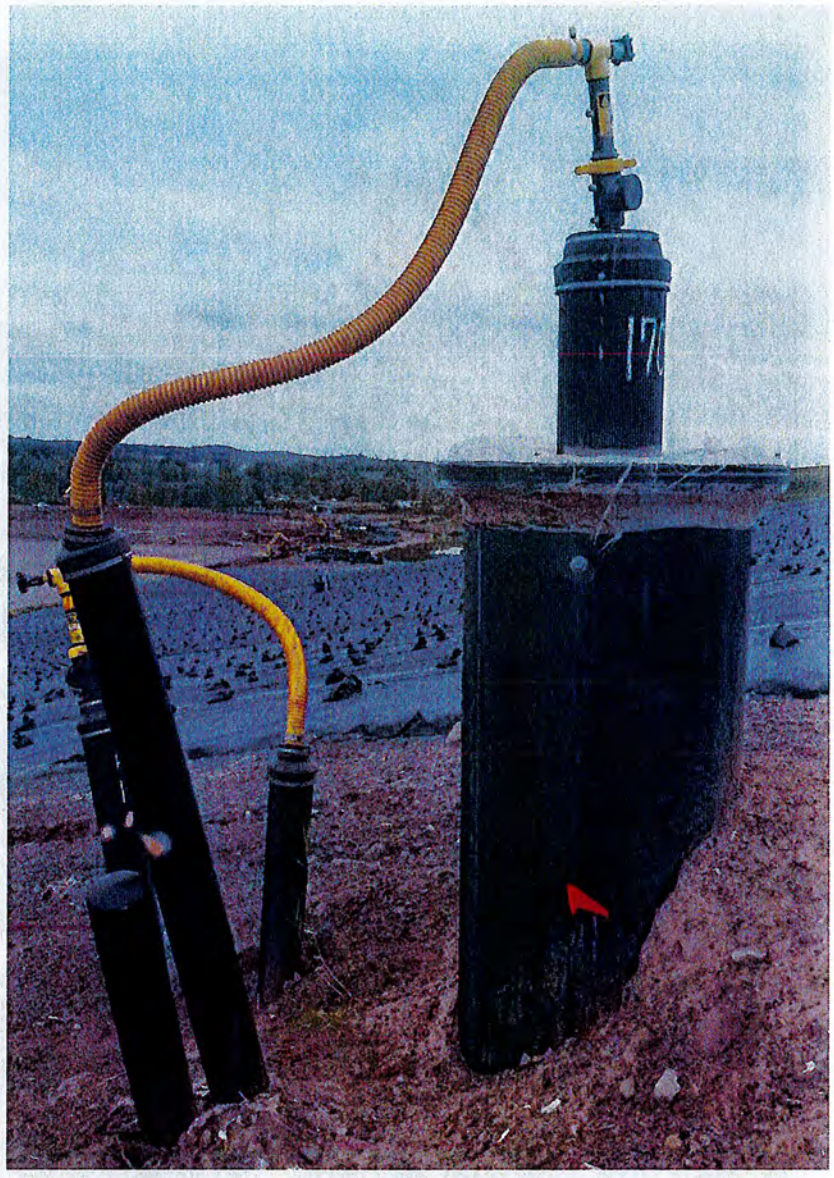
21. WGW-148
    - Initial Reading – 1,644 ppm
    - 9/12/2018



- WGW-148
  - Corrective Action: Installed liner and sealed top of boot
  - 10-Day Follow Up Reading – 116.0 ppm
  - 9/21/2018



22. WGW-170
    - Initial Reading – 4,213 ppm
    - 9/12/2018



- WGW-170
  - Corrective Action: Installed liner
  - 10-Day Follow Up Reading – 11.4 ppm
  - 9/21/2018



23. WGW-181
    - Initial Reading – 876 ppm
    - 9/12/2018

WGW-181

- Corrective Action: Installed liner
- 10-Day Follow Up Reading – 31.7 ppm
- 9/21/2018



24. WGW-182
    - Initial Reading – 5,680 ppm
    - 9/12/2018



- WGW-182
  - Corrective Action: Sealed liner with caulk
  - 10-Day Follow Up Reading – 93.3 ppm
  - 9/21/2018



25. Pipe
    - Initial Reading – 1,070 ppm
    - 9/12/2018



- Pipe
  - Corrective Action: Removed pipe and added cover soil
  - 10-Day Follow Up Reading – 11.0 ppm
  - 9/21/2018



26. EW-1012
    - Initial Reading – 432 ppm
    - 9/12/2018



- EW-1012
  - Corrective Action: Sealed top of liner boot
  - 10-Day Follow Up Reading – 131.0 ppm
  - 9/21/2018



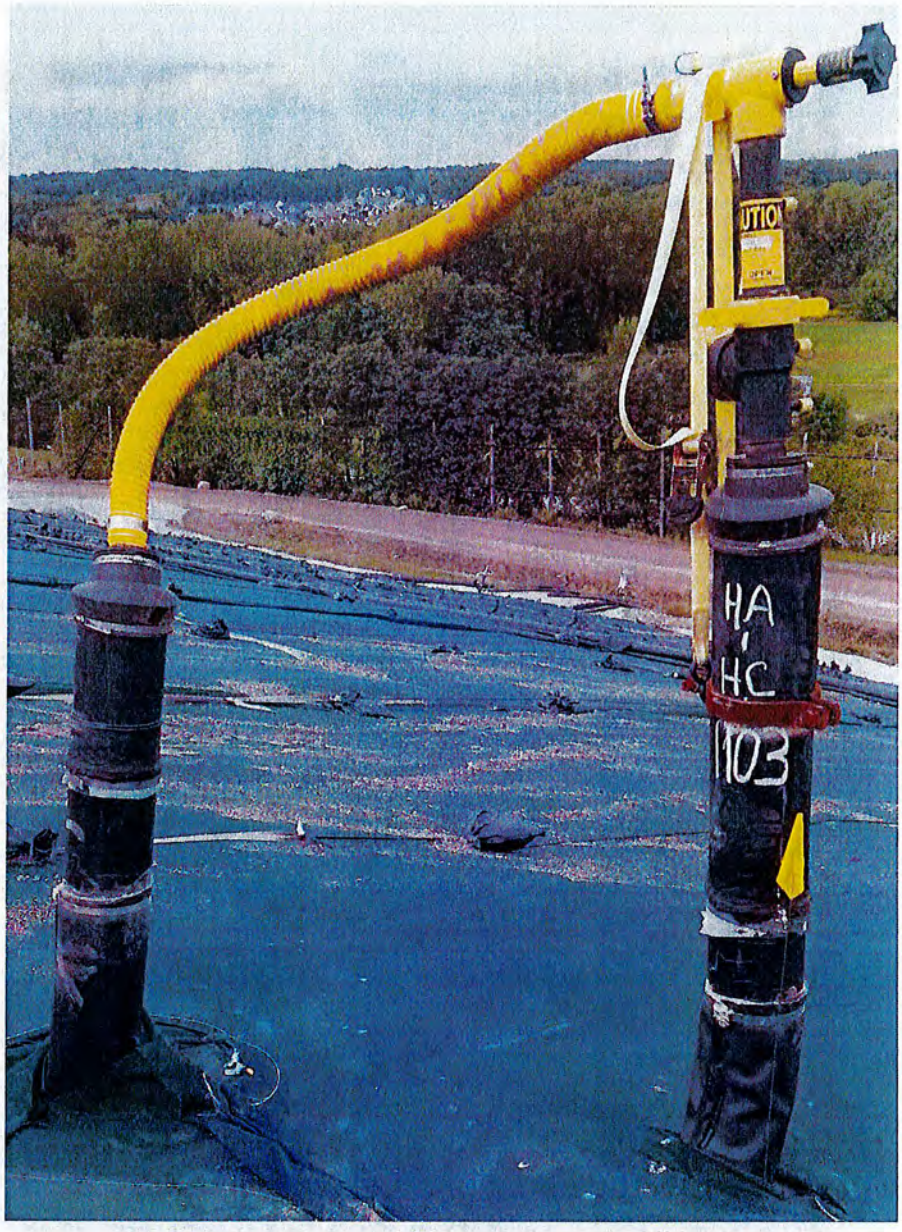
27. HAHC-1102
    - Initial Reading – 10,000 ppm
    - 9/12/2018



- HAHC-1102
  - Corrective Action: Installed foam plug
  - 10-Day Follow Up Reading – 47.7 ppm
  - 9/21/2018



28. HAHC-1103
    - Initial Reading – 249 ppm
    - 9/12/2018



- HAHC-1103
  - Corrective Action: Sealed liner with caulk
  - 10-Day Follow Up Reading – 5.6 ppm
  - 9/21/2018



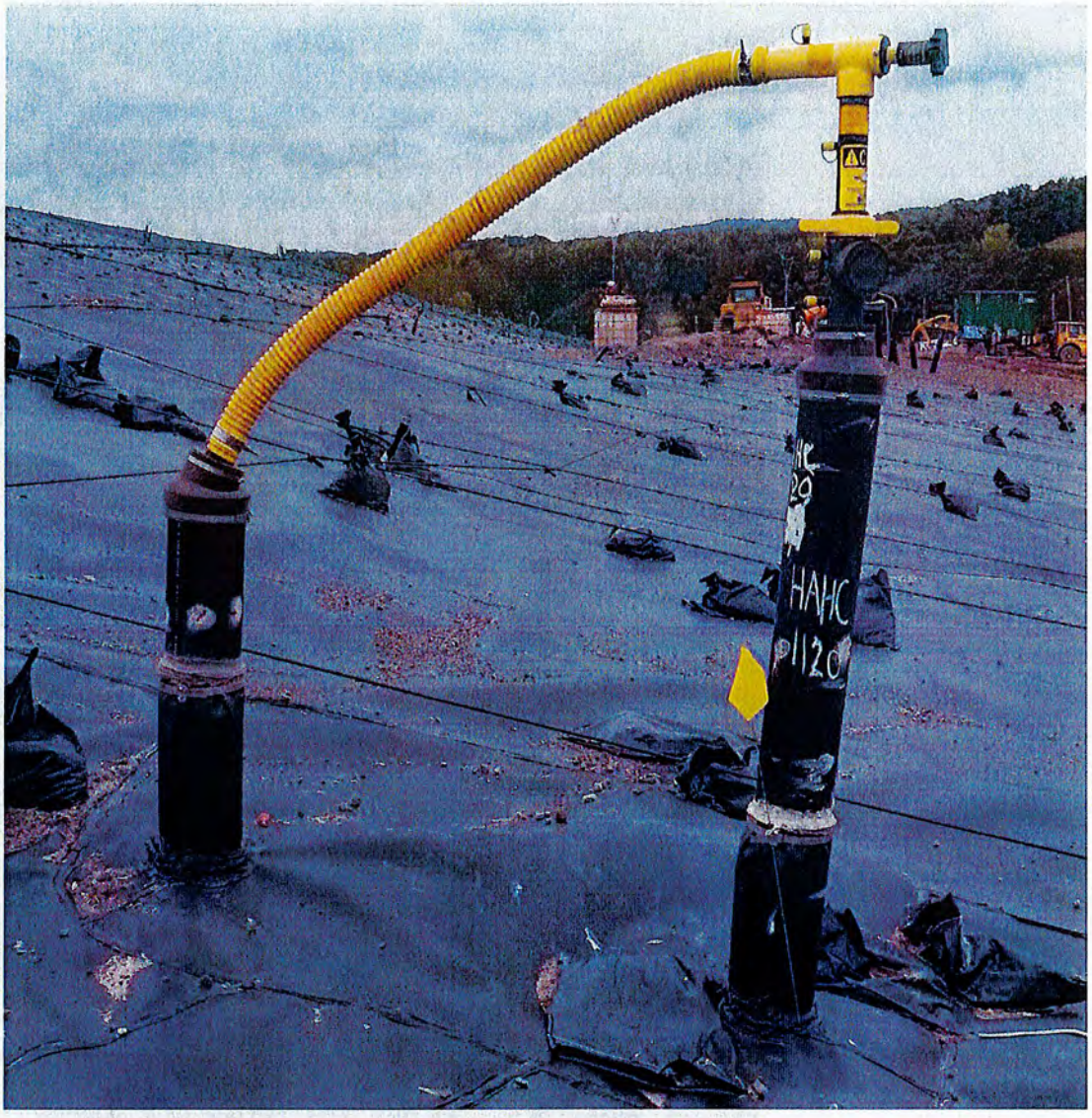
29. HAHC-1116
    - Initial Reading – 4,891 ppm
    - 9/12/2018



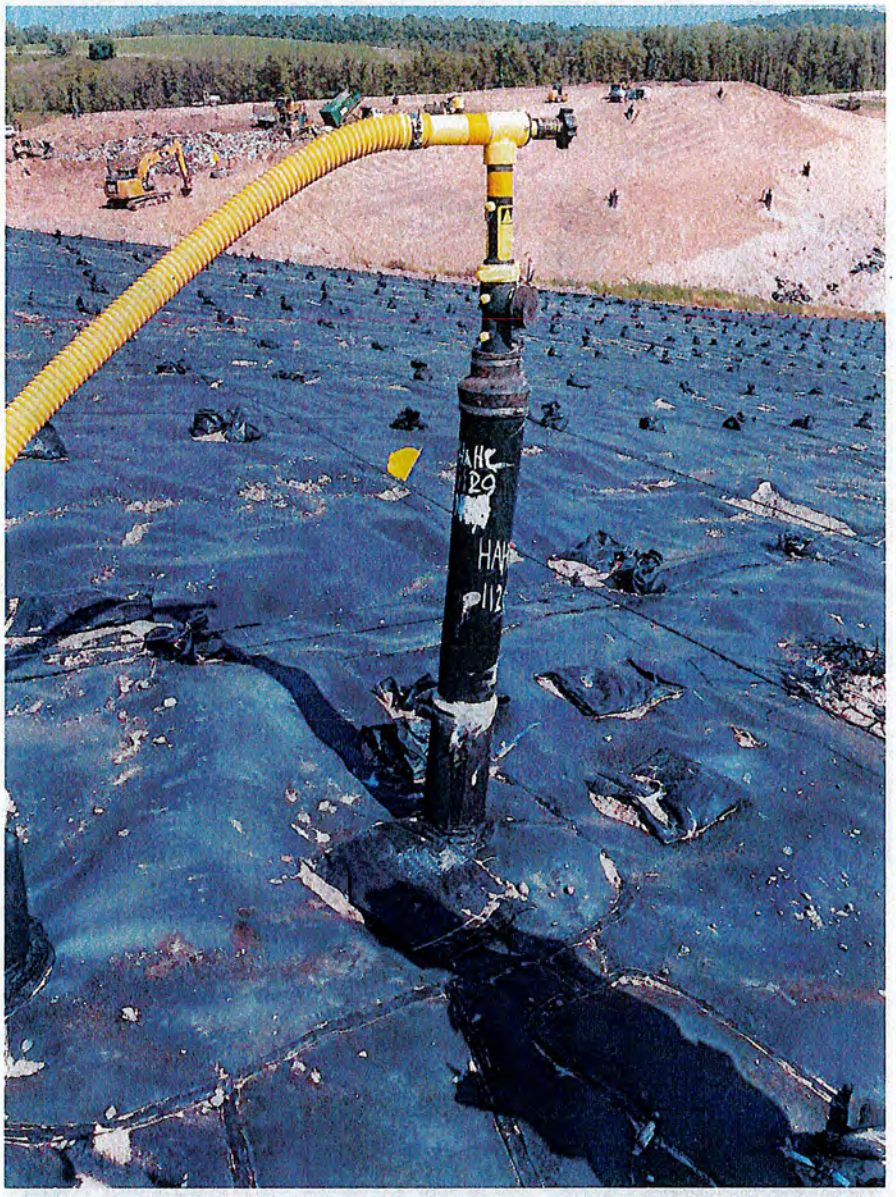
- HAHC-1116
  - Corrective Action: Sealed liner with caulk
  - 10-Day Follow Up Reading – 78.3 ppm
  - 9/21/2018



30. HAHC-1120
    - Initial Reading – 275 ppm
    - 9/12/2018



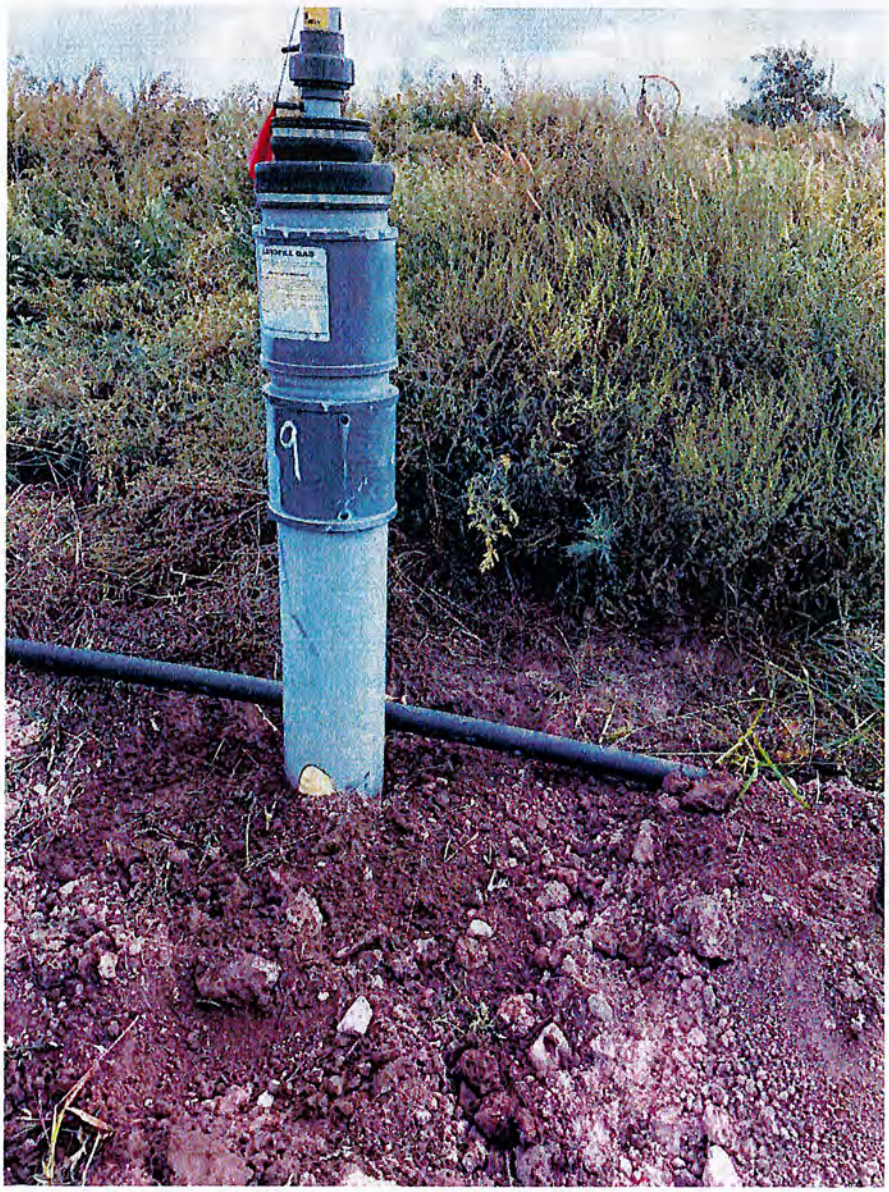
- HAHC-1120
  - Corrective Action: Sealed liner with caulk
  - 10-Day Follow Up Reading – 11.0 ppm
  - 9/21/2018



31. EGW-9
    - Initial Reading – 6,677 ppm
    - 9/13/2018

EGW-9

- Corrective Action: Installed foam plug and added cover soil
- 10-Day Follow Up Reading – 5.7 ppm
- 9/21/2018



32. EGW-10R
    - Initial Reading – 474 ppm
    - 9/13/2018



- EGW-10R
  - Corrective Action: Installed foam plug and added cover soil
  - 10-Day Follow Up Reading – 14.7 ppm
  - 9/21/2018



33. EGW-52
    - Initial Reading – 1,092 ppm
    - 9/13/2018

EGW-52

- Corrective Action: Installed foam plug
- 10-Day Follow Up Reading – 22.8 ppm
- 9/21/2018



34. WGW-2
    - Initial Reading – 2,220 ppm
    - 9/13/2018

WGW-2

- Corrective Action: Installed foam plug
- 10-Day Follow Up Reading – 70.0 ppm
- 9/21/2018



35. WGW-3R
    - Initial Reading – 5,066 ppm
    - 9/13/2018

WGW-3R

- Corrective Action: Installed foam plug
- 10-Day Follow Up Reading – 28.9 ppm
- 9/21/2018



36. WGW-8
    - Initial Reading – 967 ppm
    - 9/13/2018



- WGW-8
  - Corrective Action: Installed foam plug
  - 10-Day Follow Up Reading – 99.7 ppm
  - 9/21/2018



37. WGW-11R
    - Initial Reading – 9,089 ppm
    - 9/13/2018

WGW-11R

- Corrective Action: Installed new well head, foam plug and added cover soil
- 10-Day Follow Up Reading – 1.2 ppm
- 9/21/2018



38. WGW-13R
    - Initial Reading – 965 ppm
    - 9/13/2018

WGW-13R

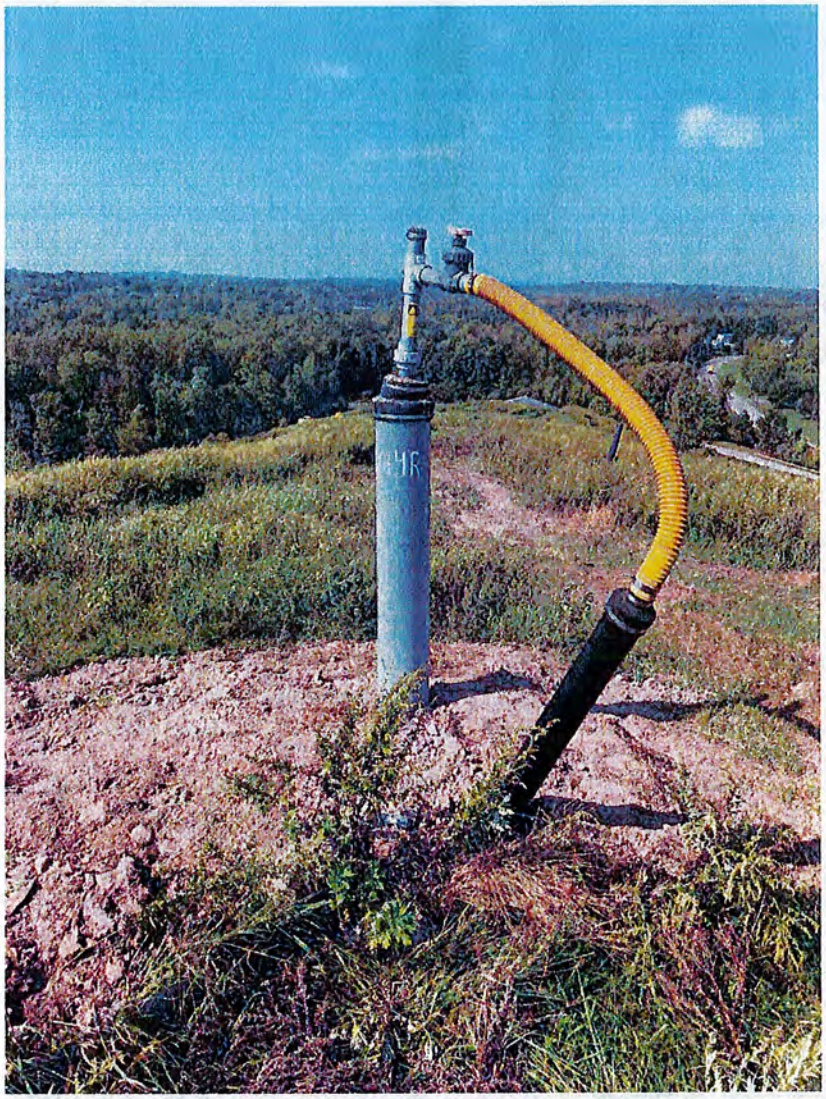
- Corrective Action: Sealed liner with caulk
- 10-Day Follow Up Reading – 9.9 ppm
- 9/21/2018



39. WGW-14R
    - Initial Reading – 870 ppm
    - 9/13/2018

WGW-14R

- Corrective Action: Installed foam plug
- 10-Day Follow Up Reading – 8.6 ppm
- 9/21/2018



40. West of WGW-37R
    - Initial Reading – 1,357 ppm
    - 9/13/2018

West of WGW-37R

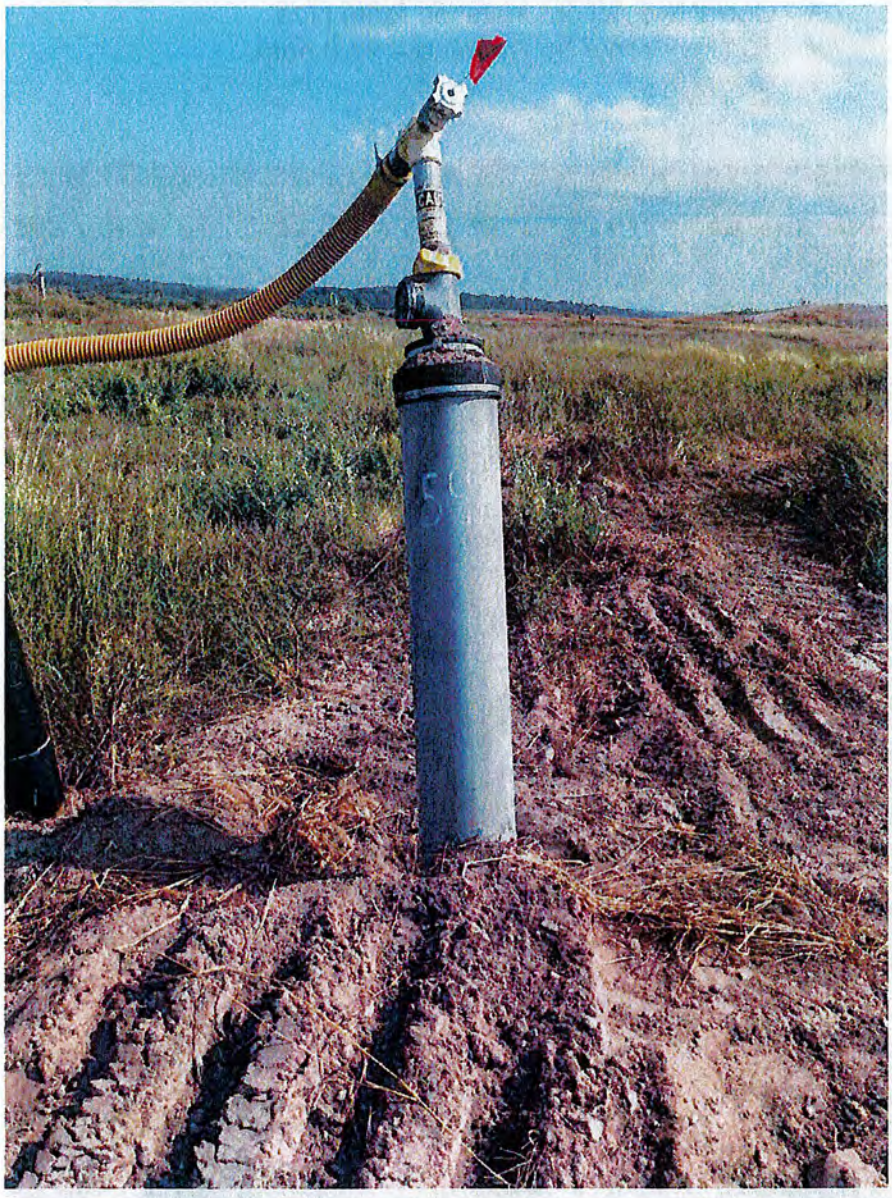
- Corrective Action: Installed new cover dirt
- 10-Day Follow Up Reading – 97.6 ppm
- 9/21/2018



41. WGW-54R
    - Initial Reading – 4,110 ppm
    - 9/13/2018



- WGW-54R
  - Corrective Action: Installed foam plug
  - 10-Day Follow Up Reading – 17.5 ppm
  - 9/21/2018



42. WGW-77
    - Initial Reading – 583 ppm
    - 9/13/2018

WGW-77

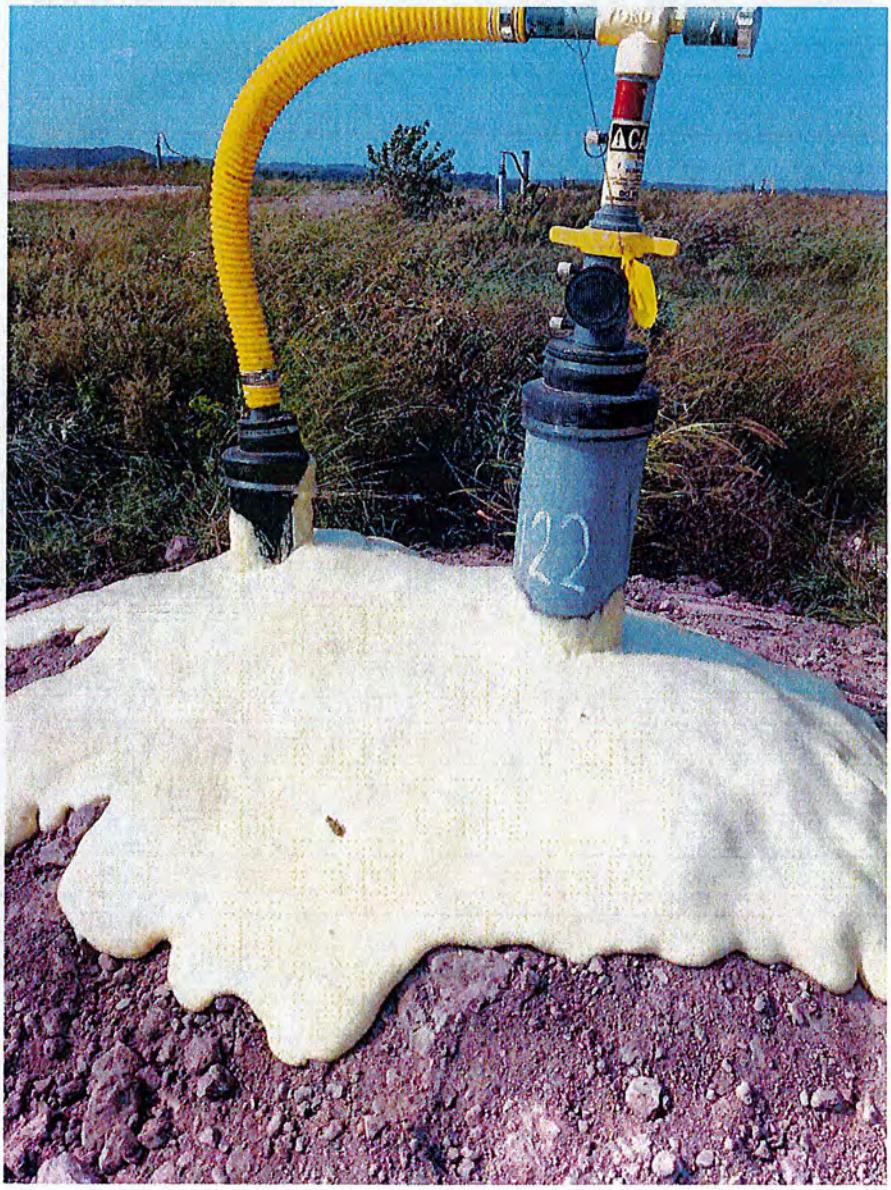
- Corrective Action: Installed foam plug
- 10-Day Follow Up Reading – 27.0 ppm
- 9/21/2018



43. WGW-122
    - Initial Reading – 463 ppm
    - 9/13/2018



- WGW-122
  - Corrective Action: Installed foam plug
  - 10-Day Follow Up Reading – 1.7 ppm
  - 9/21/2018



44. SC-02
    - Initial Reading – 3,400 ppm
    - 9/13/2018

SC-02

- Corrective Action: Installed foam plug
- 10-Day Follow Up Reading – 1.7 ppm
- 9/21/2018



45. WGW-32R
    - Initial Reading – 661 ppm
    - 9/13/2018

WGW-32R

- Corrective Action: Installed foam plug
- 10-Day Follow Up Reading – 33.2 ppm
- 9/21/2018

