



August 3, 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: Second Quarter Surface Monitoring at High Acres Landfill  
NYSDEC Permit ID No.: 8-9908-00162/00043**

On the dates of June 20 and 21, 2018, GHD conducted the Second 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):

- The new liner construction areas on the sloped regions of Cell 10 and Cell 11 were unsafe to traverse and presented a slip/trip/fall hazard to the technicians.

Figure 1 shows the areas 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.



- 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 first quarter of 2018:

Date	Grid	Location	Description	Reading (ppm)
6/20/2018	AH42	Well South of EMH-09	Ground Penetration	390
6/20/2018	AG42	Bubbling Liquid	Soil Area	> 10,000
6/20/2018	AD39	East GW-18R	Ground Penetration	4,680
6/20/2018	AC40	Near East GW-59	Soil Area	464
6/20/2018	AD45	Small Cracks in Cover	Soil Area	> 10,000
6/20/2018	Q28	West GW-64R	Ground Penetration	315
6/20/2018	O24	West GW-29	Ground Penetration	> 10,000
6/20/2018	V29	Grassless Area	Soil Area	429
6/20/2018	S23	Grassless Area	Soil Area	461
6/20/2018	T24	Riser	Ground Penetration	1,448
6/20/2018	U29	West GW-60R	Ground Penetration	4,385
6/20/2018	P19	West GW-17	Ground Penetration	2,790
6/20/2018	U35	West GW-119	Ground Penetration	1,130
6/20/2018	T35	West GW-117	Ground Penetration	> 10,000





Date	Grid	Location	Description	Reading (ppm)
6/21/2018	I29	Small Cracks in Cover	Soil Area	> 10,000
6/21/2018	P35	West GW-127	Ground Penetration	370
6/21/2018	P35	West GW-86	Ground Penetration	469
6/21/2018	N38	West GW-97R	Ground Penetration	331
6/21/2018	N42	West GW-140	Ground Penetration	851
6/21/2018	T30	West GW-57R	Ground Penetration	294
6/21/2018	O36	West GW-93	Ground Penetration	335
6/21/2018	V44	West GW-184	Ground Penetration	> 10,000
6/21/2018	P48	West GW-172	Ground Penetration	> 10,000
6/21/2018	P47	HAGW-1011	Ground Penetration	> 10,000
6/21/2018	R46	West GW-180	Ground Penetration	1,881
6/21/2018	S45	EW-1012	Ground Penetration	3,532

Table 1 outlines the location of exceedances and the respective corrective actions taken. Pictures of the exceedance locations can be referenced in Attachment 3.

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 July 20, 2018. All exceedance points displayed readings below the 200 ppm above background limit and are currently in compliance. GHD will perform the third quarter monitoring during August or September 2018.

GHD appreciates the opportunity to provide these services to WMNY. If you have any questions, please feel free to contact us at (716) 297-6150.

Sincerely,

GHD

Steven D. Wilsey  
Principal

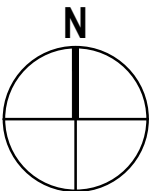
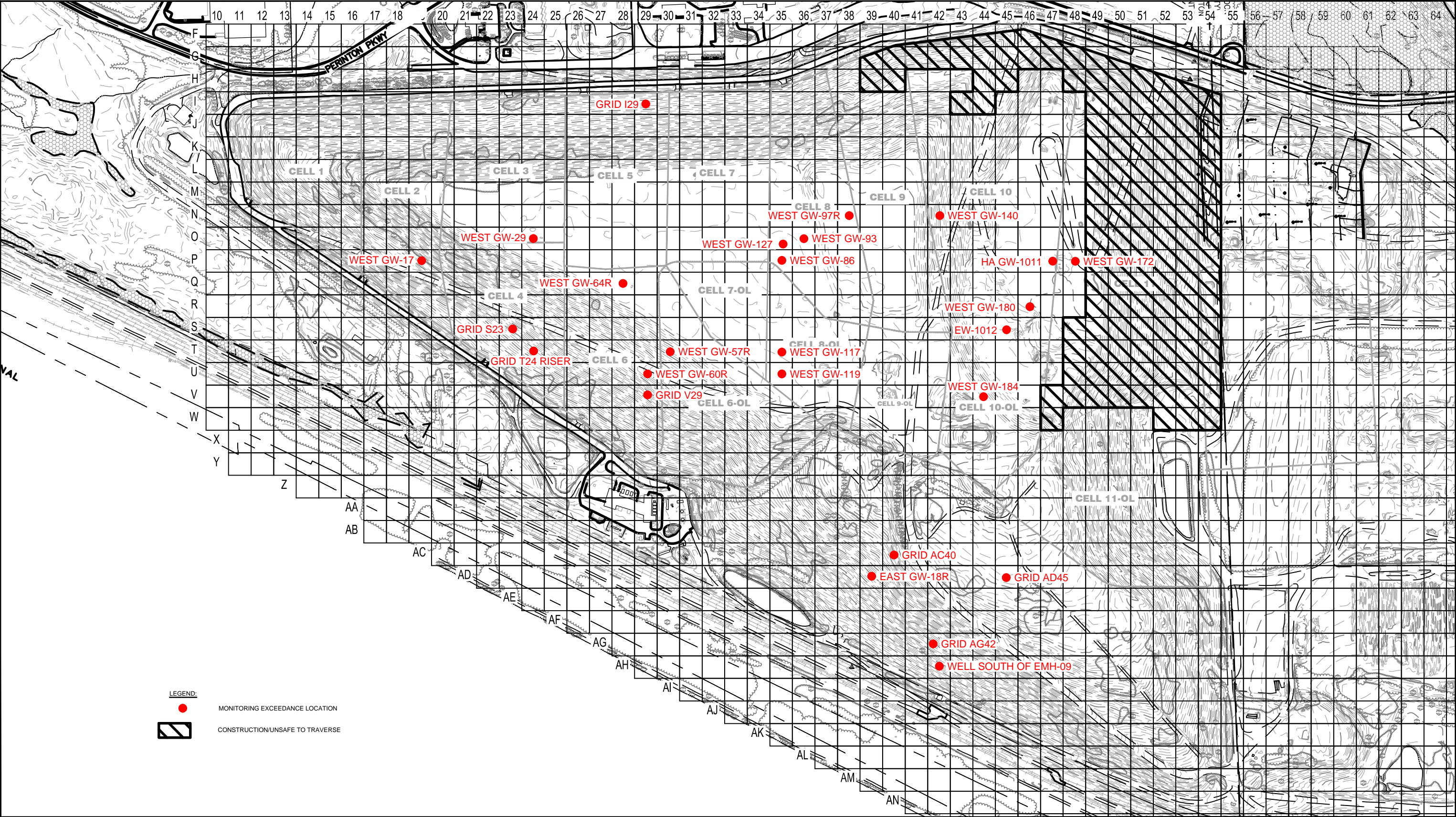
Bryan P. Szalda  
Engineer

SDW/MAC/cs/2

Encl.

cc: Joe Picciotti (Harris Beach)





WASTE MANAGEMENT OF NEW YORK - HIGH ACRES LANDFILL  
FAIRPORT, NEW YORK  
Q2 2018 SURFACE EMISSION MONITORING  
GRID LOCATIONS

11146097  
Jul 17, 2018

FIGURE 1



Table 1

**High Acres Landfill**  
**Description of Surface Monitoring Exceedances**

Year: 2018      Quarter: 2

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)
06/20/2018	High Acres Closed LF	Grid AH42 Well South of EMH-09	390	Cover soil was excavated, replaced with clay and compacted.	06/29/2018	26.1	NA	NA	NA	NA	07/20/2018	169
06/20/2018	High Acres Closed LF	Grid AG42 Bubbling Liquid	> 10,000	A new well was installed at the location.	06/29/2018	678.0	Week of 7/2/18	A new boot and liner was installed around the well.	7/9/2018	1.0	07/20/2018	3.4
06/20/2018	High Acres Closed LF	Grid AD39 East GW-18R	4,680	Fixed the dewatering pump at well.	06/29/2018	0.4	NA	NA	NA	NA	07/20/2018	0.9
06/20/2018	High Acres Closed LF	Grid AC40	464	Increased liner vacuum on East GW-59.	06/29/2018	0.5	NA	NA	NA	NA	07/20/2018	88.8
06/20/2018	High Acres Closed LF	Grid AD45	> 10,000	Cover soil was excavated, replaced with new soil and compacted.	06/29/2018	0.3	NA	NA	NA	NA	07/20/2018	16.5
06/20/2018	High Acres West Expansion	Grid Q28 West GW-64R	315	Excavated around well casing and installed a new foam plug.	06/29/2018	4.3	NA	NA	NA	NA	07/20/2018	169
06/20/2018	High Acres West Expansion	Grid O24 West GW-29	> 10,000	Excavated around well casing and installed a new foam plug.	06/29/2018	0.3	NA	NA	NA	NA	07/20/2018	4.8
06/20/2018	High Acres West Expansion	Grid V29 Grassless Area	429	Cover soil was excavated, replaced with new soil and compacted.	06/29/2018	22.3	NA	NA	NA	NA	07/20/2018	26.5
06/20/2018	High Acres West Expansion	Grid S23 Grassless Area	461	Cover soil was excavated, replaced with new soil and compacted.	06/29/2018	15.8	NA	NA	NA	NA	07/20/2018	7.3
06/20/2018	High Acres West Expansion	Grid T24 Riser	1,448	Removed riser and installed foam plug and clay at location.	06/29/2018	6.4	NA	NA	NA	NA	07/20/2018	12.7
06/20/2018	High Acres West Expansion	Grid U29 West GW-60R	4,385	Excavated around well casing and installed a new foam plug.	06/29/2018	1.0	NA	NA	NA	NA	07/20/2018	16.6
06/20/2018	High Acres West Expansion	Grid P19 West GW-17	2,790	Excavated around well casing and installed a new foam plug and added clay.	06/29/2018	166	NA	NA	NA	NA	07/20/2018	65.2
06/20/2018	High Acres West Expansion	Grid U35 West GW-119	1,130	The area around the well was excavated and a bentonite plug was installed. The area was backfilled with clay and compacted.	06/29/2018	65.2	NA	NA	NA	NA	07/20/2018	68.1
06/20/2018	High Acres West Expansion	Grid T35 West GW-117	> 10,000	Excavated around well casing and installed a new foam plug and added soil.	06/29/2018	3.1	NA	NA	NA	NA	07/20/2018	3.1

Table 1

High Acres Landfill  
Description of Surface Monitoring Exceedances

Year: 2018      Quarter: 2

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)
06/21/2018	High Acres West Expansion	Grid I29	> 10,000	Cover soil was excavated, replaced with new soil and compacted.	06/29/2018	50.3	NA	NA	NA	NA	07/20/2018	87.3
06/21/2018	High Acres West Expansion	Grid P35 West GW-127	370	Increased liner vacuum.	06/29/2018	27.4	NA	NA	NA	NA	07/20/2018	87.1
06/21/2018	High Acres West Expansion	Grid P35 West GW-86	469	Excavated around well casing and installed a new foam plug.	06/29/2018	1.1	NA	NA	NA	NA	07/20/2018	3.2
06/21/2018	High Acres West Expansion	Grid N38 West GW-97R	331	Excavated around well casing and installed a new foam plug.	06/29/2018	66.3	NA	NA	NA	NA	07/20/2018	115
06/21/2018	High Acres West Expansion	Grid N42 West GW-140	851	The area around the well was excavated and a bentonite plug was installed.	06/29/2018	17.8	NA	NA	NA	NA	07/20/2018	3.6
06/21/2018	High Acres West Expansion	Grid T30 West GW-57R	294	Excavated around well casing and installed a new foam plug.	06/29/2018	1.7	NA	NA	NA	NA	07/20/2018	6.3
06/21/2018	High Acres West Expansion	Grid O36 West GW-93	335	Excavated around well casing and installed a new foam plug.	06/29/2018	21.4	NA	NA	NA	NA	07/20/2018	166
06/21/2018	High Acres West Expansion	Grid V44 West GW-184	> 10,000	The area around the well was excavated and a bentonite plug was installed. The area was backfilled with clay and compacted.	06/29/2018	22.5	NA	NA	NA	NA	07/20/2018	105
06/21/2018	High Acres West Expansion	Grid P48 West GW-172	> 10,000	Excavated around well casing and installed a new foam plug.	06/29/2018	166	NA	NA	NA	NA	07/20/2018	4.2
06/21/2018	High Acres West Expansion	Grid P47 HAGW-1011	> 10,000	Excavated around well casing and installed a new foam plug.	06/29/2018	25.9	NA	NA	NA	NA	07/20/2018	117
06/21/2018	High Acres West Expansion	Grid R46 West GW-180	1,881	The area around the well was excavated and a bentonite plug was installed. The area was backfilled with clay and compacted.	06/29/2018	0.4	NA	NA	NA	NA	07/20/2018	4.0
06/21/2018	High Acres West Expansion	Grid S45 EW-1012	3,532	The area around the well was excavated and a bentonite plug was installed.	06/29/2018	125	NA	NA	NA	NA	07/20/2018	10.1

**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

Grid ID	X	Y	CollectionDate	Result
AA26	-8614200.15282	5324410.36400	Jun 20 2018 9:10AM	1.2
AA31	-8613995.13341	5324407.41623	Jun 20 2018 10:43AM	0.6
AA32	-8613954.12957	5324406.82612	Jun 20 2018 10:37AM	1.3
AA33	-8613913.12573	5324406.23587	Jun 20 2018 10:35AM	0.8
AA34	-8613872.12189	5324405.64543	Jun 20 2018 10:33AM	0.8
AA35	-8613831.11808	5324405.05476	Jun 20 2018 10:31AM	104.0
AA36	-8613790.11424	5324404.46396	Jun 20 2018 10:25AM	0.8
AA37	-8613749.11043	5324403.87298	Jun 20 2018 10:18AM	1.0
AA38	-8613708.10664	5324403.28180	Jun 20 2018 10:02AM	5.0
AA39	-8613667.10285	5324402.69045	Jun 20 2018 9:42AM	2.1
AA39	-8613667.10285	5324402.69045	Jun 20 2018 9:59AM	1.3
AA39	-8613667.10285	5324402.69045	Jun 20 2018 10:00AM	1.9
AA40	-8613626.09903	5324402.09892	Jun 20 2018 9:34AM	4.4
AA41	-8613585.09522	5324401.50719	Jun 20 2018 9:34AM	0.8
AA42	-8613544.09146	5324400.91529	Jun 20 2018 9:30AM	1.3
AA43	-8613503.08773	5324400.32320	Jun 20 2018 9:30AM	1.3
AA44	-8613462.08398	5324399.73093	Jun 20 2018 12:25PM	2.9
AA45	-8613421.08022	5324399.13848	Jun 20 2018 1:22PM	1.0
AA46	-8613380.07646	5324398.54587	Jun 20 2018 1:39PM	128.0
AA47	-8613339.07272	5324397.95306	Jun 20 2018 1:38PM	1.0
AA48	-8613298.06901	5324397.36010	Jun 20 2018 1:57PM	1.0
AA49	-8613257.06528	5324396.76693	Jun 20 2018 1:58PM	1.0
AA50	-8613216.06161	5324396.17358	Jun 20 2018 2:07PM	1.0
AA51	-8613175.05792	5324395.58005	Jun 20 2018 2:08PM	1.0
AB32	-8613954.71765	5324365.67496	Jun 20 2018 10:45AM	1.0
AB33	-8613913.71398	5324365.08471	Jun 20 2018 10:48AM	1.0
AB34	-8613872.71035	5324364.49425	Jun 20 2018 10:49AM	1.0
AB34	-8613872.71035	5324364.49425	Jun 20 2018 10:50AM	43.4
AB35	-8613831.70671	5324363.90360	Jun 20 2018 10:52AM	1.5
AB36	-8613790.70304	5324363.31280	Jun 20 2018 10:22AM	1.0
AB36	-8613790.70304	5324363.31280	Jun 20 2018 10:24AM	17.3
AB37	-8613749.69941	5324362.72184	Jun 20 2018 10:19AM	1.3
AB37	-8613749.69941	5324362.72184	Jun 20 2018 10:21AM	2.7
AB38	-8613708.69577	5324362.13069	Jun 20 2018 12:05PM	6.1
AB39	-8613667.69215	5324361.53934	Jun 20 2018 12:07PM	4.6
AB40	-8613626.68855	5324360.94781	Jun 20 2018 12:20PM	3.4
AB41	-8613585.68493	5324360.35608	Jun 20 2018 12:20PM	4.0
AB42	-8613544.68134	5324359.76417	Jun 20 2018 12:22PM	4.1
AB43	-8613503.67775	5324359.17212	Jun 20 2018 12:23PM	8.5
AB44	-8613462.67419	5324358.57987	Jun 20 2018 12:25PM	2.2
AB45	-8613421.67062	5324357.98741	Jun 20 2018 1:20PM	1.0
AB46	-8613380.66706	5324357.39481	Jun 20 2018 1:40PM	1.0
AB47	-8613339.66350	5324356.80201	Jun 20 2018 1:55PM	2.6
AB48	-8613298.65996	5324356.20904	Jun 20 2018 1:56PM	1.0
AB49	-8613257.65642	5324355.61590	Jun 20 2018 3:29PM	1.0
AB50	-8613216.65291	5324355.02254	Jun 20 2018 3:27PM	1.0
AB51	-8613175.64939	5324354.42904	Jun 20 2018 2:09PM	1.0
AB52	-8613134.64586	5324353.83533	Jun 20 2018 2:10PM	1.0
AC32	-8613955.30571	5324324.52397	Jun 20 2018 10:46AM	111.0
AC33	-8613914.30223	5324323.93372	Jun 20 2018 10:47AM	1.0
AC34	-8613873.29878	5324323.34327	Jun 20 2018 10:56AM	1.0
AC35	-8613832.29529	5324322.75263	Jun 20 2018 10:55AM	1.0
AC36	-8613791.29180	5324322.16183	Jun 20 2018 11:03AM	1.0
AC37	-8613750.28833	5324321.57088	Jun 20 2018 11:04AM	1.0
AC37	-8613750.28833	5324321.57088	Jun 20 2018 11:05AM	1.0

**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

Grid ID	X	Y	CollectionDate	Result
AC38	-8613709.28490	5324320.97973	Jun 20 2018 12:04PM	7.0
AC39	-8613668.28148	5324320.38836	Jun 20 2018 12:11PM	2.5
AC40	-8613627.27804	5324319.79687	Jun 20 2018 12:14PM	464.0
AC41	-8613586.27461	5324319.20516	Jun 20 2018 12:19PM	2.7
AC42	-8613545.27119	5324318.61327	Jun 20 2018 1:44PM	1.0
AC42	-8613545.27119	5324318.61327	Jun 20 2018 1:45PM	130.0
AC43	-8613504.26778	5324318.02120	Jun 20 2018 1:43PM	2.5
AC44	-8613463.26440	5324317.42898	Jun 20 2018 1:42PM	3.2
AC45	-8613422.26103	5324316.83655	Jun 20 2018 1:42PM	2.2
AC46	-8613381.25764	5324316.24394	Jun 20 2018 1:41PM	1.0
AC47	-8613340.25425	5324315.65114	Jun 20 2018 1:54PM	1.0
AC48	-8613299.25089	5324315.05819	Jun 20 2018 3:32PM	1.0
AC49	-8613258.24752	5324314.46503	Jun 20 2018 3:30PM	1.0
AC50	-8613217.24419	5324313.87167	Jun 20 2018 3:25PM	1.8
AC51	-8613176.24087	5324313.27818	Jun 20 2018 3:24PM	1.8
AC52	-8613135.23754	5324312.68450	Jun 20 2018 2:12PM	1.0
AC53	-8613094.23419	5324312.09063	Jun 20 2018 2:12PM	1.8
AD32	-8613955.89372	5324283.37315	Jun 21 2018 9:02AM	3.8
AD34	-8613873.88715	5324282.19247	Jun 20 2018 10:57AM	2.2
AD35	-8613832.88384	5324281.60188	Jun 20 2018 10:58AM	1.0
AD36	-8613791.88055	5324281.01107	Jun 20 2018 11:02AM	1.0
AD37	-8613750.87728	5324280.42009	Jun 20 2018 11:06AM	1.0
AD38	-8613709.87406	5324279.82893	Jun 20 2018 12:03PM	67.0
AD39	-8613668.87081	5324279.23761	Jun 20 2018 11:58AM	4,680.0
AD40	-8613627.86755	5324278.64610	Jun 20 2018 12:17PM	2.5
AD41	-8613586.86428	5324278.05440	Jun 20 2018 12:18PM	3.0
AD42	-8613545.86106	5324277.46251	Jun 20 2018 1:46PM	1.0
AD42	-8613545.86106	5324277.46251	Jun 20 2018 1:47PM	1.0
AD43	-8613504.85782	5324276.87048	Jun 20 2018 1:48PM	1.0
AD43	-8613504.85782	5324276.87048	Jun 20 2018 1:49PM	1.0
AD44	-8613463.85462	5324276.27823	Jun 20 2018 1:49PM	1.0
AD45	-8613422.85141	5324275.68583	Jun 20 2018 1:50PM	2.3
AD45	-8613422.85141	5324275.68583	Jun 20 2018 4:17PM	10,000.0
AD46	-8613381.84819	5324275.09324	Jun 20 2018 1:51PM	3.7
AD47	-8613340.84501	5324274.50045	Jun 20 2018 1:53PM	1.0
AD48	-8613299.84181	5324273.90749	Jun 20 2018 3:32PM	1.0
AD49	-8613258.83864	5324273.31434	Jun 20 2018 3:33PM	1.0
AD50	-8613217.83547	5324272.72102	Jun 20 2018 3:34PM	1.0
AD50	-8613217.83547	5324272.72102	Jun 20 2018 3:35PM	1.0
AD51	-8613176.83233	5324272.12750	Jun 20 2018 3:23PM	1.0
AD52	-8613135.82919	5324271.53386	Jun 20 2018 3:22PM	1.0
AD53	-8613094.82603	5324270.94000	Jun 20 2018 2:13PM	4.4
AD54	-8613053.82289	5324270.34594	Jun 20 2018 2:15PM	1.0
AE36	-8613792.46934	5324239.86047	Jun 20 2018 11:00AM	1.0
AE37	-8613751.46624	5324239.26950	Jun 20 2018 11:10AM	1.0
AE38	-8613710.46318	5324238.67835	Jun 20 2018 12:01PM	3.6
AE39	-8613669.46012	5324238.08704	Jun 20 2018 11:54AM	0.7
AE40	-8613628.45703	5324237.49553	Jun 20 2018 11:53AM	2.4
AE41	-8613587.45394	5324236.90384	Jun 20 2018 11:52AM	2.2
AE42	-8613546.45088	5324236.31198	Jun 20 2018 11:51AM	2.5
AE43	-8613505.44786	5324235.71993	Jun 20 2018 2:50PM	1.0
AE44	-8613464.44485	5324235.12767	Jun 20 2018 2:50PM	1.0
AE45	-8613423.44179	5324234.53527	Jun 20 2018 4:08PM	7.7
AE46	-8613382.43876	5324233.94268	Jun 20 2018 4:06PM	8.2
AE47	-8613341.43575	5324233.34994	Jun 20 2018 4:05PM	11.8

**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

Grid ID	X	Y	CollectionDate	Result
AE48	-8613300.43275	5324232.75698	Jun 20 2018 4:05PM	1.0
AE48	-8613300.43275	5324232.75698	Jun 20 2018 4:06PM	21.0
AE49	-8613259.42973	5324232.16386	Jun 20 2018 4:04PM	63.7
AE50	-8613218.42677	5324231.57055	Jun 20 2018 3:36PM	1.0
AE51	-8613177.42378	5324230.97704	Jun 20 2018 3:37PM	4.1
AE52	-8613136.42078	5324230.38337	Jun 20 2018 3:38PM	2.1
AE53	-8613095.41784	5324229.78952	Jun 20 2018 3:21PM	1.0
AE54	-8613054.41487	5324229.19549	Jun 20 2018 2:16PM	1.0
AF37	-8613752.05517	5324198.11908	Jun 20 2018 11:12AM	1.0
AF38	-8613711.05228	5324197.52793	Jun 20 2018 11:15AM	1.0
AF39	-8613670.04939	5324196.93662	Jun 20 2018 11:17AM	1.0
AF40	-8613629.04648	5324196.34513	Jun 20 2018 11:20AM	1.3
AF41	-8613588.04360	5324195.75345	Jun 20 2018 11:48AM	2.0
AF42	-8613547.04072	5324195.16159	Jun 20 2018 11:46AM	2.6
AF43	-8613506.03787	5324194.56952	Jun 20 2018 2:47PM	1.0
AF43	-8613506.03787	5324194.56952	Jun 20 2018 2:48PM	1.0
AF44	-8613465.03500	5324193.97731	Jun 20 2018 2:49PM	1.0
AF44	-8613465.03500	5324193.97731	Jun 20 2018 2:51PM	1.0
AF45	-8613424.03216	5324193.38491	Jun 20 2018 4:10PM	1.5
AF46	-8613383.02933	5324192.79235	Jun 20 2018 4:13PM	150.0
AF47	-8613342.02649	5324192.19959	Jun 20 2018 4:07PM	3.1
AF47	-8613342.02649	5324192.19959	Jun 20 2018 4:09PM	1.0
AF48	-8613301.02365	5324191.60664	Jun 20 2018 4:06PM	31.1
AF49	-8613260.02084	5324191.01354	Jun 20 2018 4:03PM	1.0
AF50	-8613219.01805	5324190.42023	Jun 20 2018 3:49PM	1.0
AF51	-8613178.01523	5324189.82674	Jun 20 2018 3:48PM	7.9
AF52	-8613137.01243	5324189.23305	Jun 20 2018 3:38PM	1.1
AF52	-8613137.01243	5324189.23305	Jun 20 2018 3:39PM	1.0
AF53	-8613096.00963	5324188.63923	Jun 20 2018 3:20PM	1.0
AF54	-8613055.00687	5324188.04522	Jun 20 2018 2:16PM	1.0
AG38	-8613711.64139	5324156.37772	Jun 20 2018 11:16AM	1.0
AG39	-8613670.63867	5324155.78641	Jun 20 2018 11:16AM	1.0
AG40	-8613629.63593	5324155.19490	Jun 20 2018 11:20AM	1.0
AG41	-8613588.63324	5324154.60323	Jun 20 2018 11:39AM	116.0
AG42	-8613547.63059	5324154.01138	Jun 20 2018 11:43AM	> 10000
AG42	-8613547.63059	5324154.01138	Jun 20 2018 11:44AM	10,000.0
AG43	-8613506.62787	5324153.41935	Jun 20 2018 2:46PM	1.0
AG44	-8613465.62516	5324152.82715	Jun 20 2018 2:52PM	1.0
AG45	-8613424.62252	5324152.23473	Jun 20 2018 4:12PM	0.8
AG46	-8613383.61988	5324151.64219	Jun 20 2018 4:12PM	4.3
AG47	-8613342.61722	5324151.04943	Jun 20 2018 4:10PM	1.0
AG48	-8613301.61455	5324150.45648	Jun 20 2018 4:01PM	1.0
AG49	-8613260.61192	5324149.86337	Jun 20 2018 4:02PM	23.4
AG50	-8613219.60930	5324149.27008	Jun 20 2018 3:50PM	1.7
AG51	-8613178.60670	5324148.67659	Jun 20 2018 3:47PM	24.5
AG52	-8613137.60407	5324148.08295	Jun 20 2018 3:40PM	1.5
AG53	-8613096.60146	5324147.48910	Jun 20 2018 3:20PM	1.0
AG54	-8613055.59887	5324146.89511	Jun 20 2018 2:17PM	1.0
AH40	-8613630.22541	5324114.04490	Jun 20 2018 11:23AM	1.0
AH41	-8613589.22288	5324113.45321	Jun 20 2018 11:24AM	1.0
AH42	-8613548.22038	5324112.86136	Jun 20 2018 11:26AM	1.0
AH42	-8613548.22038	5324112.86136	Jun 20 2018 11:35AM	390.0
AH43	-8613507.21787	5324112.26934	Jun 20 2018 2:43PM	1.0
AH44	-8613466.21536	5324111.67713	Jun 20 2018 2:53PM	1.2
AH45	-8613425.21288	5324111.08474	Jun 20 2018 2:54PM	1.0



**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

Grid ID	X	Y	CollectionDate	Result
AH46	-8613384.21038	5324110.49220	Jun 20 2018 4:11PM	1.0
AH47	-8613343.20793	5324109.89945	Jun 20 2018 4:10PM	1.0
AH48	-8613302.20546	5324109.30652	Jun 20 2018 3:56PM	1.0
AH48	-8613302.20546	5324109.30652	Jun 20 2018 4:00PM	57.3
AH49	-8613261.20299	5324108.71341	Jun 20 2018 3:55PM	1.0
AH50	-8613220.20056	5324108.12010	Jun 20 2018 3:51PM	1.0
AH50	-8613220.20056	5324108.12010	Jun 20 2018 3:52PM	1.0
AH51	-8613179.19812	5324107.52666	Jun 20 2018 3:46PM	5.2
AH52	-8613138.19571	5324106.93303	Jun 20 2018 3:41PM	1.0
AH53	-8613097.19328	5324106.33917	Jun 20 2018 3:19PM	1.0
AH54	-8613056.19085	5324105.74514	Jun 20 2018 2:18PM	2.0
AI42	-8613548.81020	5324071.71155	Jun 20 2018 2:42PM	4.1
AI43	-8613507.80788	5324071.11952	Jun 20 2018 2:41PM	1.0
AI44	-8613466.80554	5324070.52731	Jun 20 2018 2:40PM	1.0
AI45	-8613425.80322	5324069.93495	Jun 20 2018 2:56PM	1.0
AI46	-8613384.80092	5324069.34238	Jun 20 2018 2:57PM	1.0
AI46	-8613384.80092	5324069.34238	Jun 20 2018 2:58PM	1.0
AI47	-8613343.79862	5324068.74966	Jun 20 2018 2:59PM	1.0
AI47	-8613343.79862	5324068.74966	Jun 20 2018 3:00PM	8.1
AI48	-8613302.79636	5324068.15675	Jun 20 2018 3:01PM	1.0
AI49	-8613261.79410	5324067.56365	Jun 20 2018 3:54PM	1.0
AI50	-8613220.79181	5324066.97034	Jun 20 2018 3:52PM	1.0
AI51	-8613179.78952	5324066.37689	Jun 20 2018 3:45PM	1.0
AI52	-8613138.78727	5324065.78325	Jun 20 2018 3:42PM	1.3
AI53	-8613097.78508	5324065.18942	Jun 20 2018 3:18PM	1.0
AI54	-8613056.78284	5324064.59540	Jun 20 2018 2:19PM	1.0
AJ44	-8613467.39569	5324029.37771	Jun 20 2018 2:39PM	1.0
AJ45	-8613426.39358	5324028.78529	Jun 20 2018 2:38PM	1.0
AJ46	-8613385.39144	5324028.19275	Jun 20 2018 2:36PM	1.2
AJ46	-8613385.39144	5324028.19275	Jun 20 2018 2:37PM	1.0
AJ47	-8613344.38933	5324027.60004	Jun 20 2018 2:35PM	1.0
AJ48	-8613303.38724	5324027.00713	Jun 20 2018 3:02PM	1.0
AJ49	-8613262.38515	5324026.41403	Jun 20 2018 3:03PM	1.0
AJ49	-8613262.38515	5324026.41403	Jun 20 2018 3:04PM	2.9
AJ50	-8613221.38307	5324025.82076	Jun 20 2018 3:07PM	4.0
AJ50	-8613221.38307	5324025.82076	Jun 20 2018 3:08PM	35.5
AJ51	-8613180.38094	5324025.22729	Jun 20 2018 3:44PM	1.0
AJ52	-8613139.37887	5324024.63365	Jun 20 2018 3:43PM	1.0
AJ53	-8613098.37682	5324024.03981	Jun 20 2018 3:17PM	1.0
AJ54	-8613057.37479	5324023.44587	Jun 20 2018 2:20PM	1.0
AK47	-8613344.98003	5323986.45058	Jun 20 2018 2:33PM	168.0
AK48	-8613303.97812	5323985.85767	Jun 20 2018 2:31PM	1.0
AK49	-8613262.97619	5323985.26459	Jun 20 2018 2:30PM	1.0
AK50	-8613221.97428	5323984.67134	Jun 20 2018 3:09PM	1.0
AK51	-8613180.97239	5323984.07789	Jun 20 2018 3:10PM	1.0
AK52	-8613139.97047	5323983.48426	Jun 20 2018 3:14PM	1.0
AK52	-8613139.97047	5323983.48426	Jun 20 2018 3:15PM	1.0
AK53	-8613098.96860	5323982.89045	Jun 20 2018 3:17PM	1.0
AK54	-8613057.96673	5323982.29648	Jun 20 2018 2:20PM	1.0
AL49	-8613263.56723	5323944.11536	Jun 20 2018 2:28PM	1.0
AL49	-8613263.56723	5323944.11536	Jun 20 2018 2:29PM	1.0
AL50	-8613222.56552	5323943.52209	Jun 20 2018 2:27PM	1.0
AL51	-8613181.56378	5323942.92865	Jun 20 2018 2:26PM	1.0
AL52	-8613140.56207	5323942.33504	Jun 20 2018 3:15PM	1.0
AL53	-8613099.56038	5323941.74123	Jun 20 2018 3:16PM	1.0

**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

Grid ID	X	Y	CollectionDate	Result
AL54	-8613058.55870	5323941.14726	Jun 20 2018 2:21PM	1.0
AM51	-8613182.15519	5323901.77958	Jun 20 2018 2:26PM	1.0
AM52	-8613141.15365	5323901.18597	Jun 20 2018 2:25PM	1.0
AM53	-8613100.15214	5323900.59221	Jun 20 2018 2:23PM	123.0
AM54	-8613059.15061	5323899.99824	Jun 20 2018 2:22PM	1.0
E22	-8614351.26858	5325318.09204	Jun 21 2018 8:42AM	1.2
E38	-8613695.14333	5325308.65202	Jun 20 2018 9:04AM	4.2
G38	-8613696.32200	5325226.34206	Jun 21 2018 9:57AM	0.5
H35	-8613819.93303	5325186.96079	Jun 21 2018 9:49AM	0.7
H36	-8613778.92577	5325186.36983	Jun 21 2018 9:51AM	0.6
H37	-8613737.91853	5325185.77867	Jun 21 2018 9:52AM	0.6
H38	-8613696.91129	5325185.18732	Jun 21 2018 9:56AM	2.1
H41	-8613573.88970	5325183.41226	Jun 21 2018 1:59PM	3.8
H42	-8613532.88249	5325182.82021	Jun 21 2018 1:57PM	10.7
H43	-8613491.87527	5325182.22798	Jun 21 2018 1:56PM	2.2
H46	-8613368.85381	5325180.45019	Jun 21 2018 1:46PM	1.6
H47	-8613327.84667	5325179.85724	Jun 21 2018 1:44PM	1.9
I11	-8614804.69366	5325159.93514	Jun 21 2018 9:16AM	0.6
I12	-8614763.68639	5325159.34851	Jun 21 2018 9:17AM	0.5
I13	-8614722.67918	5325158.76170	Jun 21 2018 9:17AM	0.6
I13	-8614722.67918	5325158.76170	Jun 21 2018 9:18AM	0.6
I14	-8614681.67196	5325158.17470	Jun 21 2018 9:18AM	0.6
I14	-8614681.67196	5325158.17470	Jun 21 2018 9:19AM	0.6
I15	-8614640.66473	5325157.58754	Jun 21 2018 9:19AM	0.5
I16	-8614599.65750	5325157.00022	Jun 21 2018 9:20AM	0.5
I16	-8614599.65750	5325157.00022	Jun 21 2018 9:21AM	0.5
I17	-8614558.65027	5325156.41269	Jun 21 2018 9:22AM	0.7
I18	-8614517.64306	5325155.82499	Jun 21 2018 9:23AM	0.6
I19	-8614476.63585	5325155.23708	Jun 21 2018 9:24AM	0.5
I20	-8614435.62865	5325154.64899	Jun 21 2018 9:25AM	0.6
I21	-8614394.62148	5325154.06075	Jun 21 2018 9:26AM	0.6
I22	-8614353.61431	5325153.47232	Jun 21 2018 9:26AM	0.6
I23	-8614312.60714	5325152.88372	Jun 21 2018 9:27AM	0.6
I24	-8614271.59998	5325152.29491	Jun 21 2018 9:29AM	0.8
I25	-8614230.59284	5325151.70590	Jun 21 2018 9:30AM	0.5
I26	-8614189.58570	5325151.11676	Jun 21 2018 9:31AM	0.6
I27	-8614148.57854	5325150.52745	Jun 21 2018 9:32AM	0.5
I28	-8614107.57144	5325149.93792	Jun 21 2018 9:33AM	0.6
I29	-8614066.56431	5325149.34822	Jun 21 2018 9:34AM	145.0
I29	-8614066.56431	5325149.34822	Jun 21 2018 9:36AM	10,000.0
I30	-8614025.55718	5325148.75833	Jun 21 2018 9:41AM	1.1
I31	-8613984.55010	5325148.16826	Jun 21 2018 9:43AM	19.9
I32	-8613943.54303	5325147.57803	Jun 21 2018 9:46AM	0.6
I33	-8613902.53594	5325146.98762	Jun 21 2018 9:47AM	0.6
I34	-8613861.52885	5325146.39703	Jun 21 2018 9:48AM	0.6
I35	-8613820.52179	5325145.80622	Jun 21 2018 9:50AM	0.6
I36	-8613779.51472	5325145.21527	Jun 21 2018 9:51AM	0.7
I37	-8613738.50767	5325144.62414	Jun 21 2018 9:53AM	0.5
I38	-8613697.50059	5325144.03279	Jun 21 2018 9:54AM	51.2
I38	-8613697.50059	5325144.03279	Jun 21 2018 9:55AM	20.8
I39	-8613656.49357	5325143.44127	Jun 21 2018 2:01PM	1.7
I40	-8613615.48654	5325142.84964	Jun 21 2018 2:00PM	5.0
I41	-8613574.47953	5325142.25774	Jun 21 2018 2:07PM	0.4
I42	-8613533.47249	5325141.66570	Jun 21 2018 1:54PM	3.0
I45	-8613410.45152	5325139.88845	Jun 21 2018 1:48PM	4.3

**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

Grid ID	X	Y	CollectionDate	Result
I46	-8613369.44455	5325139.29571	Jun 21 2018 2:17PM	7.7
I47	-8613328.43758	5325138.70278	Jun 21 2018 2:18PM	3.6
I48	-8613287.43061	5325138.10962	Jun 21 2018 1:43PM	1.5
J11	-8614805.27811	5325118.78055	Jun 21 2018 9:54AM	1.2
J12	-8614764.27102	5325118.19394	Jun 21 2018 9:56AM	1.0
J13	-8614723.26396	5325117.60713	Jun 21 2018 10:23AM	0.5
J14	-8614682.25693	5325117.02016	Jun 21 2018 10:22AM	0.5
J15	-8614641.24985	5325116.43301	Jun 21 2018 10:21AM	0.5
J16	-8614600.24279	5325115.84568	Jun 21 2018 10:21AM	0.5
J17	-8614559.23578	5325115.25818	Jun 21 2018 10:20AM	0.6
J18	-8614518.22876	5325114.67047	Jun 21 2018 10:19AM	0.5
J19	-8614477.22173	5325114.08256	Jun 21 2018 10:18AM	0.5
J20	-8614436.21472	5325113.49450	Jun 21 2018 10:17AM	127.0
J21	-8614395.20770	5325112.90625	Jun 21 2018 10:16AM	0.5
J22	-8614354.20070	5325112.31783	Jun 21 2018 10:15AM	0.5
J23	-8614313.19376	5325111.72923	Jun 21 2018 10:14AM	0.4
J24	-8614272.18676	5325111.14044	Jun 21 2018 10:12AM	0.5
J25	-8614231.17977	5325110.55145	Jun 21 2018 10:12AM	0.6
J26	-8614190.17281	5325109.96229	Jun 21 2018 10:11AM	0.5
J27	-8614149.16585	5325109.37299	Jun 21 2018 10:10AM	1.3
J28	-8614108.15891	5325108.78348	Jun 21 2018 10:10AM	0.5
J29	-8614067.15199	5325108.19379	Jun 21 2018 10:09AM	0.5
J30	-8614026.14506	5325107.60390	Jun 21 2018 10:08AM	0.5
J31	-8613985.13811	5325107.01384	Jun 21 2018 10:08AM	0.5
J32	-8613944.13123	5325106.42362	Jun 21 2018 10:07AM	0.5
J33	-8613903.12432	5325105.83322	Jun 21 2018 10:06AM	0.5
J34	-8613862.11741	5325105.24264	Jun 21 2018 10:04AM	41.0
J35	-8613821.11051	5325104.65185	Jun 21 2018 10:03AM	0.5
J36	-8613780.10363	5325104.06090	Jun 21 2018 10:01AM	0.7
J36	-8613780.10363	5325104.06090	Jun 21 2018 10:02AM	0.7
J37	-8613739.09675	5325103.46977	Jun 21 2018 10:00AM	53.1
J38	-8613698.08991	5325102.87842	Jun 21 2018 9:59AM	0.9
J39	-8613657.08304	5325102.28694	Jun 21 2018 2:02PM	1.1
J40	-8613616.07620	5325101.69528	Jun 21 2018 2:04PM	6.1
J41	-8613575.06937	5325101.10341	Jun 21 2018 2:08PM	1.6
J42	-8613534.06249	5325100.51136	Jun 21 2018 1:53PM	2.6
J43	-8613493.05568	5325099.91913	Jun 21 2018 1:52PM	2.7
J44	-8613452.04890	5325099.32674	Jun 21 2018 1:49PM	1.6
J45	-8613411.04208	5325098.73418	Jun 21 2018 2:16PM	4.5
J46	-8613370.03527	5325098.14141	Jun 21 2018 2:16PM	4.7
J47	-8613329.02847	5325097.54849	Jun 21 2018 2:19PM	1.9
J48	-8613288.02172	5325096.95533	Jun 21 2018 1:41PM	11.4
K11	-8614805.86256	5325077.62618	Jun 21 2018 9:54AM	1.0
K12	-8614764.85565	5325077.03958	Jun 21 2018 9:57AM	1.0
K13	-8614723.84874	5325076.45278	Jun 21 2018 10:24AM	0.5
K14	-8614682.84186	5325075.86580	Jun 21 2018 10:25AM	0.5
K14	-8614682.84186	5325075.86580	Jun 21 2018 10:26AM	0.5
K15	-8614641.83502	5325075.27864	Jun 21 2018 10:27AM	0.5
K16	-8614600.82812	5325074.69131	Jun 21 2018 10:27AM	0.5
K16	-8614600.82812	5325074.69131	Jun 21 2018 10:28AM	0.5
K17	-8614559.82126	5325074.10380	Jun 21 2018 10:29AM	0.6
K18	-8614518.81444	5325073.51612	Jun 21 2018 10:29AM	0.4
K18	-8614518.81444	5325073.51612	Jun 21 2018 10:30AM	0.4
K19	-8614477.80761	5325072.92823	Jun 21 2018 10:31AM	0.5
K20	-8614436.80076	5325072.34017	Jun 21 2018 10:32AM	0.5

**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

Grid ID	X	Y	CollectionDate	Result
K21	-8614395.79393	5325071.75195	Jun 21 2018 10:33AM	0.4
K22	-8614354.78712	5325071.16352	Jun 21 2018 10:34AM	0.4
K23	-8614313.78032	5325070.57491	Jun 21 2018 10:35AM	0.4
K24	-8614272.77352	5325069.98617	Jun 21 2018 10:36AM	0.4
K25	-8614231.76673	5325069.39718	Jun 21 2018 10:36AM	0.4
K26	-8614190.75994	5325068.80802	Jun 21 2018 10:37AM	0.4
K26	-8614190.75994	5325068.80802	Jun 21 2018 10:38AM	0.4
K27	-8614149.75315	5325068.21872	Jun 21 2018 10:38AM	0.4
K28	-8614108.74639	5325067.62922	Jun 21 2018 10:39AM	0.7
K29	-8614067.73965	5325067.03951	Jun 21 2018 10:40AM	0.8
K29	-8614067.73965	5325067.03951	Jun 21 2018 10:41AM	0.5
K30	-8614026.73291	5325066.44966	Jun 21 2018 10:42AM	0.4
K30	-8614026.73291	5325066.44966	Jun 21 2018 10:43AM	0.4
K31	-8613985.72615	5325065.85963	Jun 21 2018 10:43AM	0.4
K31	-8613985.72615	5325065.85963	Jun 21 2018 10:44AM	0.4
K32	-8613944.71941	5325065.26940	Jun 21 2018 10:44AM	0.4
K33	-8613903.71269	5325064.67901	Jun 21 2018 10:46AM	56.5
K34	-8613862.70597	5325064.08841	Jun 21 2018 10:47AM	0.8
K35	-8613821.69928	5325063.49768	Jun 21 2018 10:48AM	0.5
K36	-8613780.69255	5325062.90671	Jun 21 2018 10:49AM	4.2
K37	-8613739.68587	5325062.31556	Jun 21 2018 1:42PM	8.7
K37	-8613739.68587	5325062.31556	Jun 21 2018 1:43PM	101.0
K38	-8613698.67920	5325061.72423	Jun 21 2018 1:44PM	19.4
K38	-8613698.67920	5325061.72423	Jun 21 2018 1:45PM	4.6
K38	-8613698.67920	5325061.72423	Jun 21 2018 1:47PM	55.2
K39	-8613657.67251	5325061.13277	Jun 21 2018 2:10PM	0.5
K39	-8613657.67251	5325061.13277	Jun 21 2018 2:11PM	44.2
K40	-8613616.66583	5325060.54112	Jun 21 2018 2:12PM	2.2
K40	-8613616.66583	5325060.54112	Jun 21 2018 2:13PM	0.5
K40	-8613616.66583	5325060.54112	Jun 21 2018 2:14PM	0.5
K41	-8613575.65916	5325059.94927	Jun 21 2018 2:15PM	0.9
K42	-8613534.65251	5325059.35724	Jun 21 2018 2:11PM	2.5
K43	-8613493.64586	5325058.76500	Jun 21 2018 2:13PM	2.0
K44	-8613452.63924	5325058.17264	Jun 21 2018 2:14PM	3.8
K45	-8613411.63263	5325057.58005	Jun 21 2018 2:15PM	1.5
K46	-8613370.62600	5325056.98730	Jun 21 2018 2:21PM	1.5
K47	-8613329.61939	5325056.39437	Jun 21 2018 2:20PM	1.3
K48	-8613288.61280	5325055.80124	Jun 21 2018 1:40PM	2.3
L11	-8614806.44697	5325036.47197	Jun 21 2018 9:53AM	1.0
L12	-8614765.44025	5325035.88537	Jun 21 2018 9:57AM	1.1
L13	-8614724.43351	5325035.29855	Jun 21 2018 11:21AM	0.3
L14	-8614683.42683	5325034.71158	Jun 21 2018 11:20AM	0.3
L15	-8614642.42016	5325034.12445	Jun 21 2018 11:19AM	0.4
L16	-8614601.41345	5325033.53715	Jun 21 2018 11:15AM	0.4
L17	-8614560.40674	5325032.94965	Jun 21 2018 11:15AM	0.5
L18	-8614519.40010	5325032.36193	Jun 21 2018 11:14AM	0.4
L19	-8614478.39346	5325031.77409	Jun 21 2018 11:12AM	0.4
L19	-8614478.39346	5325031.77409	Jun 21 2018 11:13AM	0.4
L20	-8614437.38680	5325031.18604	Jun 21 2018 11:11AM	0.4
L21	-8614396.38013	5325030.59778	Jun 21 2018 11:10AM	0.4
L22	-8614355.37352	5325030.00938	Jun 21 2018 11:09AM	0.5
L23	-8614314.36691	5325029.42080	Jun 21 2018 11:06AM	0.4
L23	-8614314.36691	5325029.42080	Jun 21 2018 11:07AM	0.4
L24	-8614273.36026	5325028.83204	Jun 21 2018 11:04AM	0.4
L24	-8614273.36026	5325028.83204	Jun 21 2018 11:05AM	0.4

**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

Grid ID	X	Y	CollectionDate	Result
L25	-8614232.35369	5325028.24309	Jun 21 2018 11:03AM	92.9
L25	-8614232.35369	5325028.24309	Jun 21 2018 11:04AM	1.2
L26	-8614191.34707	5325027.65396	Jun 21 2018 11:01AM	0.4
L26	-8614191.34707	5325027.65396	Jun 21 2018 11:02AM	4.2
L27	-8614150.34045	5325027.06466	Jun 21 2018 11:00AM	0.6
L28	-8614109.33389	5325026.47516	Jun 21 2018 10:59AM	0.5
L29	-8614068.32730	5325025.88544	Jun 20 2018 5:52PM	65.1
L29	-8614068.32730	5325025.88544	Jun 20 2018 5:53PM	1.9
L30	-8614027.32071	5325025.29560	Jun 20 2018 5:55PM	1.0
L30	-8614027.32071	5325025.29560	Jun 20 2018 5:56PM	1.0
L31	-8613986.31415	5325024.70559	Jun 21 2018 10:57AM	0.4
L32	-8613945.30759	5325024.11539	Jun 21 2018 10:56AM	0.4
L33	-8613904.30105	5325023.52498	Jun 21 2018 10:54AM	0.3
L33	-8613904.30105	5325023.52498	Jun 21 2018 10:55AM	1.0
L34	-8613863.29453	5325022.93439	Jun 21 2018 10:52AM	0.4
L34	-8613863.29453	5325022.93439	Jun 21 2018 10:53AM	3.5
L35	-8613822.28802	5325022.34362	Jun 21 2018 10:52AM	0.8
L36	-8613781.28149	5325021.75270	Jun 21 2018 10:51AM	14.7
L37	-8613740.27497	5325021.16157	Jun 21 2018 1:39PM	1.3
L37	-8613740.27497	5325021.16157	Jun 21 2018 1:40PM	2.1
L37	-8613740.27497	5325021.16157	Jun 21 2018 1:41PM	3.0
L38	-8613699.26848	5325020.57026	Jun 21 2018 1:48PM	0.5
L39	-8613658.26196	5325019.97880	Jun 21 2018 2:08PM	0.6
L39	-8613658.26196	5325019.97880	Jun 21 2018 2:09PM	0.5
L40	-8613617.25546	5325019.38713	Jun 21 2018 2:18PM	1.5
L41	-8613576.24897	5325018.79531	Jun 21 2018 2:16PM	0.5
L41	-8613576.24897	5325018.79531	Jun 21 2018 2:18PM	0.5
L42	-8613535.24250	5325018.20330	Jun 21 2018 2:40PM	0.5
L42	-8613535.24250	5325018.20330	Jun 21 2018 2:41PM	0.5
L43	-8613494.23604	5325017.61110	Jun 21 2018 2:59PM	0.5
L43	-8613494.23604	5325017.61110	Jun 21 2018 3:00PM	0.5
L44	-8613453.22960	5325017.01869	Jun 21 2018 3:02PM	0.5
L44	-8613453.22960	5325017.01869	Jun 21 2018 3:03PM	0.5
L44	-8613453.22960	5325017.01869	Jun 21 2018 3:04PM	0.5
L45	-8613412.22317	5325016.42612	Jun 21 2018 3:09PM	0.5
L46	-8613371.21669	5325015.83336	Jun 21 2018 3:09PM	0.5
L47	-8613330.21029	5325015.24043	Jun 21 2018 2:22PM	2.8
L48	-8613289.20387	5325014.64733	Jun 21 2018 1:40PM	3.2
M12	-8614766.02483	5324994.73131	Jun 21 2018 9:52AM	1.4
M13	-8614725.01830	5324994.14452	Jun 21 2018 9:59AM	1.3
M14	-8614684.01175	5324993.55756	Jun 21 2018 11:24AM	1.2
M15	-8614643.00527	5324992.97044	Jun 21 2018 11:22AM	1.4
M16	-8614601.99875	5324992.38314	Jun 21 2018 11:18AM	8.2
M17	-8614560.99224	5324991.79563	Jun 21 2018 11:17AM	0.5
M18	-8614519.98578	5324991.20795	Jun 20 2018 5:24PM	1.0
M18	-8614519.98578	5324991.20795	Jun 20 2018 5:25PM	1.4
M19	-8614478.97928	5324990.62009	Jun 20 2018 5:23PM	12.0
M19	-8614478.97928	5324990.62009	Jun 20 2018 5:24PM	12.0
M20	-8614437.97281	5324990.03205	Jun 20 2018 5:22PM	1.0
M21	-8614396.96634	5324989.44382	Jun 20 2018 5:27PM	1.2
M22	-8614355.95990	5324988.85541	Jun 20 2018 5:28PM	1.2
M23	-8614314.95346	5324988.26686	Jun 20 2018 5:28PM	1.0
M23	-8614314.95346	5324988.26686	Jun 20 2018 5:29PM	1.0
M24	-8614273.94702	5324987.67811	Jun 20 2018 5:30PM	12.5
M25	-8614232.94061	5324987.08914	Jun 20 2018 5:34PM	1.0

**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

Grid ID	X	Y	CollectionDate	Result
M26	-8614191.93417	5324986.50005	Jun 20 2018 5:34PM	1.0
M26	-8614191.93417	5324986.50005	Jun 20 2018 5:35PM	1.6
M27	-8614150.92776	5324985.91075	Jun 20 2018 5:41PM	1.0
M27	-8614150.92776	5324985.91075	Jun 20 2018 5:42PM	3.8
M27	-8614150.92776	5324985.91075	Jun 20 2018 5:43PM	1.0
M28	-8614109.92137	5324985.32123	Jun 20 2018 5:44PM	1.0
M28	-8614109.92137	5324985.32123	Jun 20 2018 5:45PM	1.9
M29	-8614068.91496	5324984.73157	Jun 20 2018 5:52PM	3.5
M30	-8614027.90854	5324984.14173	Jun 20 2018 5:57PM	3.7
M31	-8613986.90215	5324983.55173	Jun 21 2018 12:28PM	1.4
M32	-8613945.89579	5324982.96153	Jun 21 2018 12:27PM	1.6
M33	-8613904.88943	5324982.37112	Jun 21 2018 12:25PM	2.3
M34	-8613863.88309	5324981.78051	Jun 21 2018 12:24PM	6.1
M35	-8613822.87675	5324981.18976	Jun 21 2018 12:23PM	3.8
M36	-8613781.87039	5324980.59886	Jun 21 2018 12:21PM	75.6
M37	-8613740.86405	5324980.00775	Jun 21 2018 1:38PM	3.3
M38	-8613699.85774	5324979.41646	Jun 21 2018 1:50PM	0.5
M38	-8613699.85774	5324979.41646	Jun 21 2018 1:51PM	157.0
M39	-8613658.85143	5324978.82497	Jun 21 2018 2:02PM	0.8
M40	-8613617.84510	5324978.23333	Jun 21 2018 2:19PM	0.5
M40	-8613617.84510	5324978.23333	Jun 21 2018 2:20PM	0.5
M40	-8613617.84510	5324978.23333	Jun 21 2018 2:22PM	2.6
M41	-8613576.83880	5324977.64148	Jun 21 2018 2:39PM	0.5
M41	-8613576.83880	5324977.64148	Jun 21 2018 2:42PM	0.5
M42	-8613535.83251	5324977.04949	Jun 21 2018 2:42PM	0.5
M42	-8613535.83251	5324977.04949	Jun 21 2018 2:43PM	0.5
M43	-8613494.82624	5324976.45728	Jun 21 2018 2:59PM	0.9
M44	-8613453.81996	5324975.86490	Jun 21 2018 3:05PM	0.5
M45	-8613412.81366	5324975.27235	Jun 21 2018 3:08PM	0.6
M46	-8613371.80741	5324974.67960	Jun 21 2018 3:08PM	1.3
M47	-8613330.80117	5324974.08666	Jun 21 2018 2:23PM	2.0
M48	-8613289.79493	5324973.49357	Jun 21 2018 1:39PM	2.4
N12	-8614766.60938	5324953.57743	Jun 21 2018 9:51AM	1.3
N13	-8614725.60305	5324952.99068	Jun 21 2018 9:50AM	1.3
N14	-8614684.59672	5324952.40376	Jun 21 2018 10:00AM	1.4
N15	-8614643.59040	5324951.81662	Jun 21 2018 11:20AM	1.5
N16	-8614602.58406	5324951.22932	Jun 21 2018 11:19AM	1.9
N17	-8614561.57774	5324950.64182	Jun 21 2018 11:16AM	1.7
N18	-8614520.57145	5324950.05413	Jun 21 2018 11:15AM	1.8
N19	-8614479.56515	5324949.46629	Jun 21 2018 11:14AM	2.6
N20	-8614438.55883	5324948.87825	Jun 20 2018 5:21PM	1.0
N21	-8614397.55254	5324948.29005	Jun 20 2018 5:17PM	1.0
N21	-8614397.55254	5324948.29005	Jun 20 2018 5:18PM	1.1
N22	-8614356.54628	5324947.70165	Jun 20 2018 5:16PM	1.0
N23	-8614315.54001	5324947.11310	Jun 20 2018 5:13PM	1.3
N23	-8614315.54001	5324947.11310	Jun 20 2018 5:14PM	1.0
N24	-8614274.53378	5324946.52433	Jun 20 2018 5:30PM	1.3
N25	-8614233.52754	5324945.93539	Jun 20 2018 5:32PM	1.0
N25	-8614233.52754	5324945.93539	Jun 20 2018 5:33PM	1.0
N26	-8614192.52127	5324945.34628	Jun 20 2018 5:36PM	7.1
N26	-8614192.52127	5324945.34628	Jun 20 2018 5:37PM	1.9
N27	-8614151.51504	5324944.75697	Jun 20 2018 5:40PM	1.0
N27	-8614151.51504	5324944.75697	Jun 20 2018 5:41PM	1.0
N28	-8614110.50883	5324944.16751	Jun 20 2018 5:45PM	1.0
N29	-8614069.50260	5324943.57784	Jun 20 2018 5:51PM	1.0

**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

Grid ID	X	Y	CollectionDate	Result
N30	-8614028.49637	5324942.98802	Jun 20 2018 5:58PM	1.5
N31	-8613987.49016	5324942.39802	Jun 21 2018 12:29PM	0.5
N32	-8613946.48399	5324941.80781	Jun 21 2018 12:29PM	1.9
N32	-8613946.48399	5324941.80781	Jun 21 2018 12:30PM	130.0
N33	-8613905.47781	5324941.21742	Jun 21 2018 12:31PM	1.0
N34	-8613864.47162	5324940.62685	Jun 21 2018 12:32PM	2.0
N35	-8613823.46545	5324940.03610	Jun 21 2018 12:33PM	24.0
N36	-8613782.45929	5324939.44520	Jun 21 2018 12:20PM	24.7
N37	-8613741.45313	5324938.85409	Jun 21 2018 1:37PM	2.6
N38	-8613700.44699	5324938.26278	Jun 21 2018 1:52PM	0.5
N38	-8613700.44699	5324938.26278	Jun 21 2018 1:54PM	331.0
N39	-8613659.44085	5324937.67134	Jun 21 2018 2:00PM	0.5
N39	-8613659.44085	5324937.67134	Jun 21 2018 2:01PM	0.5
N40	-8613618.43475	5324937.07971	Jun 21 2018 2:23PM	0.5
N41	-8613577.42862	5324936.48788	Jun 21 2018 2:37PM	0.8
N41	-8613577.42862	5324936.48788	Jun 21 2018 2:38PM	149.0
N42	-8613536.42249	5324935.89587	Jun 21 2018 2:44PM	0.5
N42	-8613536.42249	5324935.89587	Jun 21 2018 2:45PM	841.0
N43	-8613495.41640	5324935.30367	Jun 21 2018 2:57PM	0.5
N43	-8613495.41640	5324935.30367	Jun 21 2018 2:58PM	0.5
N44	-8613454.41031	5324934.71132	Jun 21 2018 3:06PM	0.5
N44	-8613454.41031	5324934.71132	Jun 21 2018 3:07PM	0.5
N45	-8613413.40420	5324934.11875	Jun 21 2018 3:07PM	0.5
N46	-8613372.39811	5324933.52601	Jun 21 2018 3:08PM	1.2
N47	-8613331.39204	5324932.93310	Jun 21 2018 2:25PM	1.9
N48	-8613290.38598	5324932.34000	Jun 21 2018 1:38PM	2.6
O14	-8614685.18166	5324911.25011	Jun 21 2018 9:50AM	1.6
O15	-8614644.17552	5324910.66301	Jun 21 2018 9:49AM	1.2
O16	-8614603.16936	5324910.07571	Jun 21 2018 10:02AM	1.3
O17	-8614562.16322	5324909.48820	Jun 21 2018 10:04AM	1.5
O18	-8614521.15709	5324908.90053	Jun 21 2018 10:05AM	1.4
O19	-8614480.15096	5324908.31267	Jun 21 2018 10:10AM	58.7
O20	-8614439.14486	5324907.72464	Jun 21 2018 11:12AM	1.7
O21	-8614398.13875	5324907.13646	Jun 21 2018 11:11AM	2.0
O22	-8614357.13266	5324906.54808	Jun 20 2018 5:16PM	102.0
O23	-8614316.12656	5324905.95951	Jun 20 2018 5:12PM	5.6
O24	-8614275.12051	5324905.37075	Jun 20 2018 5:07PM	130.0
O24	-8614275.12051	5324905.37075	Jun 20 2018 5:08PM	10,000.0
O25	-8614234.11444	5324904.78182	Jun 20 2018 5:04PM	1.0
O25	-8614234.11444	5324904.78182	Jun 20 2018 5:05PM	1.3
O26	-8614193.10838	5324904.19272	Jun 20 2018 5:38PM	1.0
O27	-8614152.10231	5324903.60342	Jun 20 2018 5:39PM	1.0
O28	-8614111.09628	5324903.01395	Jun 20 2018 5:46PM	1.0
O29	-8614070.09025	5324902.42433	Jun 20 2018 5:50PM	1.0
O30	-8614029.08417	5324901.83448	Jun 20 2018 5:56PM	2.5
O31	-8613988.07817	5324901.24448	Jun 21 2018 12:27PM	1.0
O31	-8613988.07817	5324901.24448	Jun 21 2018 12:28PM	1.2
O32	-8613947.07217	5324900.65429	Jun 21 2018 12:26PM	0.8
O33	-8613906.06615	5324900.06393	Jun 21 2018 12:25PM	0.5
O34	-8613865.06015	5324899.47336	Jun 21 2018 12:31PM	3.5
O35	-8613824.05416	5324898.88264	Jun 21 2018 12:32PM	3.8
O36	-8613783.04819	5324898.29173	Jun 21 2018 12:18PM	335.0
O37	-8613742.04223	5324897.70063	Jun 21 2018 1:36PM	2.5
O38	-8613701.03624	5324897.10932	Jun 21 2018 1:57PM	0.7
O39	-8613660.03025	5324896.51787	Jun 21 2018 1:58PM	8.7



**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

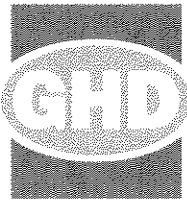
Grid ID	X	Y	CollectionDate	Result
O39	-8613660.03025	5324896.51787	Jun 21 2018 1:59PM	156.0
O40	-8613619.02434	5324895.92627	Jun 21 2018 2:24PM	0.5
O40	-8613619.02434	5324895.92627	Jun 21 2018 2:26PM	104.0
O41	-8613578.01843	5324895.33446	Jun 21 2018 2:36PM	0.5
O41	-8613578.01843	5324895.33446	Jun 21 2018 2:37PM	0.6
O42	-8613537.01246	5324894.74246	Jun 21 2018 2:47PM	0.5
O42	-8613537.01246	5324894.74246	Jun 21 2018 2:49PM	2.8
O43	-8613496.00653	5324894.15025	Jun 21 2018 2:55PM	0.6
O43	-8613496.00653	5324894.15025	Jun 21 2018 2:56PM	0.5
O44	-8613455.00064	5324893.55790	Jun 21 2018 3:06PM	2.0
O45	-8613413.99473	5324892.96537	Jun 21 2018 3:05PM	1.8
O46	-8613372.98881	5324892.37264	Jun 21 2018 3:05PM	2.2
O47	-8613331.98292	5324891.77973	Jun 21 2018 2:26PM	1.5
O48	-8613290.97704	5324891.18664	Jun 21 2018 1:37PM	19.8
P16	-8614603.75466	5324868.92224	Jun 21 2018 9:47AM	1.1
P17	-8614562.74870	5324868.33474	Jun 21 2018 9:46AM	1.4
P18	-8614521.74274	5324867.74709	Jun 20 2018 5:12PM	1.1
P19	-8614480.73681	5324867.15925	Jun 20 2018 5:13PM	5.4
P19	-8614480.73681	5324867.15925	Jun 20 2018 5:16PM	2,790.0
P20	-8614439.73086	5324866.57123	Jun 21 2018 10:12AM	2.8
P21	-8614398.72491	5324865.98304	Jun 21 2018 10:13AM	1.5
P22	-8614357.71901	5324865.39468	Jun 21 2018 11:10AM	10.1
P23	-8614316.71310	5324864.80608	Jun 21 2018 11:09AM	5.2
P24	-8614275.70721	5324864.21736	Jun 21 2018 11:08AM	9.4
P25	-8614234.70134	5324863.62846	Jun 20 2018 5:03PM	17.4
P26	-8614193.69546	5324863.03935	Jun 20 2018 5:02PM	1.2
P27	-8614152.68957	5324862.45005	Jun 20 2018 5:01PM	1.0
P28	-8614111.68370	5324861.86060	Jun 20 2018 5:47PM	7.5
P29	-8614070.67784	5324861.27099	Jun 20 2018 5:48PM	13.0
P29	-8614070.67784	5324861.27099	Jun 20 2018 5:49PM	13,018.6
P30	-8614029.67199	5324860.68117	Jun 20 2018 5:55PM	2.0
P31	-8613988.66613	5324860.09115	Jun 20 2018 6:01PM	1.3
P32	-8613947.66033	5324859.50099	Jun 20 2018 6:02PM	18.6
P33	-8613906.65452	5324858.91060	Jun 21 2018 12:23PM	0.8
P33	-8613906.65452	5324858.91060	Jun 21 2018 12:24PM	0.5
P34	-8613865.64867	5324858.32005	Jun 21 2018 12:22PM	6.1
P35	-8613824.64286	5324857.72932	Jun 21 2018 12:13PM	10.7
P35	-8613824.64286	5324857.72932	Jun 21 2018 12:16PM	370.0
P35	-8613824.64286	5324857.72932	Jun 21 2018 12:21PM	469.0
P36	-8613783.63707	5324857.13841	Jun 21 2018 12:15PM	22.7
P37	-8613742.63129	5324856.54734	Jun 21 2018 1:34PM	12.3
P37	-8613742.63129	5324856.54734	Jun 21 2018 1:35PM	4.3
P38	-8613701.62550	5324855.95607	Jun 21 2018 1:33PM	0.5
P39	-8613660.61968	5324855.36460	Jun 21 2018 1:31PM	0.7
P40	-8613619.61392	5324854.77299	Jun 21 2018 2:26PM	0.5
P41	-8613578.60818	5324854.18120	Jun 21 2018 2:35PM	0.5
P42	-8613537.60242	5324853.58920	Jun 21 2018 2:51PM	0.5
P43	-8613496.59669	5324852.99703	Jun 21 2018 2:54PM	0.5
P43	-8613496.59669	5324852.99703	Jun 21 2018 2:55PM	0.5
P44	-8613455.59096	5324852.40465	Jun 21 2018 2:59PM	1.4
P45	-8613414.58523	5324851.81213	Jun 21 2018 3:00PM	1.3
P46	-8613373.57949	5324851.21942	Jun 21 2018 3:00PM	1.3
P47	-8613332.57378	5324850.62653	Jun 21 2018 1:34PM	3.1
P47	-8613332.57378	5324850.62653	Jun 21 2018 1:35PM	10,000.0
P48	-8613291.56807	5324850.03344	Jun 21 2018 1:31PM	6.4

**SEM Data**  
**High Acres Landfill**  
**Fairport, NY**

Grid ID	X	Y	CollectionDate	Result
P48	-8613291.56807	5324850.03344	Jun 21 2018 1:32PM	10,000.0
Q17	-8614563.33415	5324827.18148	Jun 21 2018 9:43AM	1.8
Q18	-8614522.32839	5324826.59382	Jun 21 2018 9:42AM	1.7
Q19	-8614481.32263	5324826.00602	Jun 20 2018 5:10PM	1.3
Q20	-8614440.31686	5324825.41801	Jun 20 2018 5:18PM	1.9
Q21	-8614399.31110	5324824.82981	Jun 20 2018 5:19PM	196.0
Q22	-8614358.30537	5324824.24142	Jun 21 2018 10:16AM	2.3
Q23	-8614317.29964	5324823.65289	Jun 21 2018 10:17AM	2.2
Q24	-8614276.29394	5324823.06414	Jun 21 2018 10:18AM	2.1
Q25	-8614235.28822	5324822.47524	Jun 21 2018 11:06AM	1.9
Q26	-8614194.28251	5324821.88615	Jun 21 2018 11:05AM	4.2
Q27	-8614153.27683	5324821.29686	Jun 20 2018 5:00PM	4.1
Q28	-8614112.27113	5324820.70743	Jun 20 2018 4:56PM	1.0
Q28	-8614112.27113	5324820.70743	Jun 20 2018 4:57PM	315.0
Q29	-8614071.26544	5324820.11781	Jun 20 2018 4:54PM	3.0
Q29	-8614071.26544	5324820.11781	Jun 20 2018 4:55PM	1.0
Q30	-8614030.25978	5324819.52798	Jun 20 2018 5:55PM	1.8
Q31	-8613989.25413	5324818.93800	Jun 20 2018 5:53PM	1.6
Q32	-8613948.24848	5324818.34781	Jun 20 2018 6:02PM	3.1
Q33	-8613907.24284	5324817.75747	Jun 20 2018 6:03PM	1.2
Q34	-8613866.23719	5324817.16694	Jun 20 2018 6:04PM	1.2
Q35	-8613825.23157	5324816.57621	Jun 21 2018 12:12PM	5.3
Q36	-8613784.22595	5324815.98530	Jun 21 2018 12:11PM	11.2
Q37	-8613743.22031	5324815.39422	Jun 21 2018 12:11PM	4.7
Q38	-8613702.21473	5324814.80297	Jun 21 2018 1:32PM	13.1
Q39	-8613661.20911	5324814.21154	Jun 21 2018 1:29PM	0.5
Q39	-8613661.20911	5324814.21154	Jun 21 2018 1:30PM	1.2
Q40	-8613620.20349	5324813.61991	Jun 21 2018 2:30PM	0.5
Q40	-8613620.20349	5324813.61991	Jun 21 2018 2:31PM	2.4
Q41	-8613579.19794	5324813.02811	Jun 21 2018 2:34PM	0.5
Q41	-8613579.19794	5324813.02811	Jun 21 2018 2:35PM	0.5
Q42	-8613538.19237	5324812.43613	Jun 21 2018 2:51PM	0.5
Q43	-8613497.18683	5324811.84397	Jun 21 2018 2:52PM	0.5
Q43	-8613497.18683	5324811.84397	Jun 21 2018 2:53PM	0.5
Q44	-8613456.18130	5324811.25162	Jun 21 2018 2:56PM	2.3
Q45	-8613415.17573	5324810.65907	Jun 21 2018 2:54PM	1.5
Q46	-8613374.17017	5324810.06637	Jun 21 2018 2:30PM	3.3
Q47	-8613333.16464	5324809.47348	Jun 21 2018 2:28PM	2.6
Q48	-8613292.15911	5324808.88044	Jun 21 2018 1:28PM	15.5
R18	-8614522.91400	5324785.44076	Jun 21 2018 9:42AM	1.8
R19	-8614481.90843	5324784.85295	Jun 21 2018 9:41AM	2.0
R20	-8614440.90287	5324784.26495	Jun 20 2018 5:09PM	1.1
R21	-8614399.89731	5324783.67675	Jun 20 2018 5:20PM	1.5
R22	-8614358.89174	5324783.08839	Jun 20 2018 5:21PM	1.0
R23	-8614317.88620	5324782.49983	Jun 20 2018 5:22PM	1.4
R24	-8614276.88067	5324781.91109	Jun 21 2018 10:20AM	2.0
R25	-8614235.87511	5324781.32221	Jun 21 2018 10:21AM	2.3
R26	-8614194.86956	5324780.73312	Jun 21 2018 11:03AM	1.8
R27	-8614153.86407	5324780.14385	Jun 21 2018 11:02AM	2.3
R28	-8614112.85856	5324779.55442	Jun 21 2018 11:02AM	3.0
R29	-8614071.85306	5324778.96479	Jun 20 2018 4:53PM	10.1
R30	-8614030.84759	5324778.37496	Jun 20 2018 4:51PM	1.0
R30	-8614030.84759	5324778.37496	Jun 20 2018 4:52PM	126.0

# Attachment 1

## Calibration Sheets

Project Number: 11146097Client: WMNY

Date: 6-20-18

Operator Name: Bryan Szolde

Facility: High Acres LF

Instrument ID: GHD 89300

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

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

Calibration Gas Conc.: 500 ppm ppm

90% of Calib. Gas Conc.: 450 ppm ppm

<u>Trial No.</u>	<u>Time to reach 90% gas value</u>
1	<u>3.21</u> seconds
2	<u>3.08</u> seconds
3	<u>3.33</u> seconds
Average	<u>3.21</u> seconds

NOTE: Must be < 30 seconds

<u>Trial No.</u>	<u>Meter Reading After Zero Gas *</u>	<u>Meter Reading After Methane Gas</u>	<u>Difference Between Calibration Gas and Meter Reading</u>
1	<u>0</u> ppm	<u>502</u> ppm	<u>2</u> ppm
2	<u>0</u> ppm	<u>506</u> ppm	<u>6</u> ppm
3	<u>0</u> ppm	<u>509</u> ppm	<u>9</u> ppm

Average Difference: 5.67 ppm

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

= 5.67 ppm / 500 ppm X 100%

= 1.1 %

\* If results are &gt; zero (0 ppm) then an internal calibration is required



Project Number: 11146097

Client: WMNY

**General Information:**

Date: 6-20-18

Operator Name: Bryan Szaldu

Facility: High Acres LF

Instrument ID: GHD 09300

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

Approximate Wind Speed ~5 mph

General Weather: 60 °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: 562 ppm (should be same as above)

Time of Calibration: 8:45 am pm (fill in and pick one)

**Background Concentration Information:**

Background concentration upwind of site: 1.2 ppm

Background concentrations downwind of site: 4.2 ppm

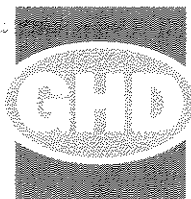
Average: 2.7 ppm

**Location of background readings**

Upwind: Grid AA26 (by engine plant 1 lot)

Downwind: Grid E38 (north road)

Signature Bryan P Szaldu

Project Number: 11146097Client: WMNY

Date: 6/20/18  
Operator Name: Michael Casullo  
Facility: High Acres Landfill  
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

<u>Trial No.</u>	<u>Time to reach 90% gas value</u>
1	<u>3.58</u> seconds
2	<u>3.62</u> seconds
3	<u>3.93</u> seconds
Average	<u>3.71</u> seconds

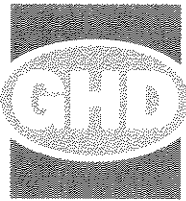
NOTE: Must be < 30 seconds

<u>Trial No.</u>	<u>Meter Reading After Zero Gas *</u>	<u>Meter Reading After Methane Gas</u>	<u>Difference Between Calibration Gas and Meter Reading</u>
1	<u>0</u> ppm	<u>496</u> ppm	<u>4</u> ppm
2	<u>0</u> ppm	<u>493</u> ppm	<u>7</u> ppm
3	<u>0</u> ppm	<u>495</u> ppm	<u>5</u> 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 &gt; zero (0 ppm) then an internal calibration is required



Project Number: 11146097

Client: WMW

**General Information:**

Date: 6/20/18

Operator Name: Michael Casullo

Facility: High Acres Landfill

Instrument ID: GHD 09301

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

Approximate Wind Speed 5 mph

General Weather: 60 °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: 496 ppm (should be same as above)

Time of Calibration: 3:50 am pm (fill in and pick one)

**Background Concentration Information:**

Background concentration upwind of site: 1.2 ppm

Background concentrations downwind of site: 4.2 ppm

Average: 2.7 ppm

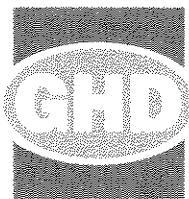
**Location of background readings**

Upwind: Grid AA26 (by engine plant 1 lot)

Downwind: Grid E38 (north road)

Signature Michael Casullo



Project Number: 11146097Client: WMNYDate: 6-21-18Operator Name: Bryan SzaladeFacility: High Acres LFInstrument ID: GHD 09300Zero Gas Lot Number: 114-41008 39291-1 Exp. Date 2/17/25Calibration Gas Lot Number: HPH-150A-500-4 Exp. Date 7/11/21Calibration Gas Conc.: 500 ppm90% of Calib. Gas Conc.: 450 ppm**Trial No.      Time to reach 90% gas value**1      4.15 seconds2      3.56 seconds3      3.72 secondsAverage      3.81 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      504 ppm      4 ppm2      0 ppm      505 ppm      5 ppm3      0 ppm      515 ppm      15 ppmAverage Difference:      8.0 ppm

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

= 8.0 ppm / 500 ppm X 100%= 1.6 %

\* If results are &gt; zero (0 ppm) then an internal calibration is required



Project Number: 11146097

Client: WMNY

**General Information:**

Date: 6-21-18

Operator Name: Bryan Szalder

Facility: High Acres LF

Instrument ID: GHD 09300

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

Approximate Wind Speed 10 mph

General Weather: 62 °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: 504 ppm (should be same as above)

Time of Calibration: 8:30 am pm (fill in and pick one)

**Background Concentration Information:**

Background concentration upwind of site: 1.2 ppm

Background concentrations downwind of site: 3.8 ppm

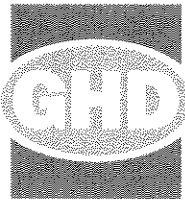
Average: 25 ppm

**Location of background readings**

Upwind: Main office lot

Downwind: Grid AD32 South of Road

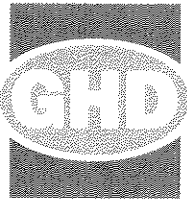
Signature Bryan P Szalder

Project Number: 11146097Client: WMNYDate: 6-21-18Operator Name: Bryan SzuldaFacility: High Acres LFInstrument ID: GHA 09301Zero Gas Lot Number: 114-400859291-1 Exp. Date 2/17/25Calibration Gas Lot Number: HBH-150A-500-4 Exp. Date 7/11/21Calibration Gas Conc.: 500 ppm90% of Calib. Gas Conc.: 450 ppm**Trial No.      Time to reach 90% gas value**1      3.51 seconds2      3.96 seconds3      3.49 secondsAverage      3.65 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      504 ppm      4 ppm2      0 ppm      494 ppm      6 ppm3      0 ppm      496 ppm      4 ppmAverage Difference: 4.67 ppm

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

= 4.67 ppm / 500 ppm X 100%= 0.93 %

\* If results are &gt; zero (0 ppm) then an internal calibration is required



Project Number: 11146097

Client: WMNY

**General Information:**

Date: 6-21-18

Operator Name: Bryan Szalder

Facility: Hig L Acres LTF

Instrument ID: GHD 09307

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

Approximate Wind Speed 10 mph

General Weather: 62 °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: 500 ppm (should be same as above)

Time of Calibration: 8:20 (am) pm (fill in and pick one)

**Background Concentration Information:**

Background concentration upwind of site: 1.2 ppm

Background concentrations downwind of site: 3.8 ppm

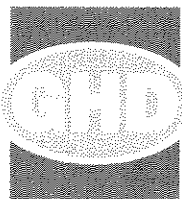
Average: 2.5 ppm

**Location of background readings**

Upwind: Main Office lot

Downwind: Grid AD32 - South of road

Signature Bryan P Szalder

Project Number: 11146097Client: WMNYDate: 6/29/18Operator Name: Michael GaultFacility: High Acres LandfillInstrument ID: GHD 09300Zero Gas Lot Number: 114-400859291-1 Exp. Date 2/17/25Calibration Gas Lot Number: HBH-150A-500-4 Exp. Date 7/11/21Calibration Gas Conc.: 500 ppm90% of Calib. Gas Conc.: 450 ppm**Trial No.      Time to reach 90% gas value**1      3.45 seconds2      3.29 seconds3      3.49 secondsAverage      3.41 seconds      NOTE: Must be < 30 seconds

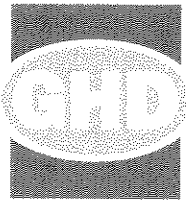
<b><u>Trial No.</u></b>	<b><u>Meter Reading After Zero Gas *</u></b>	<b><u>Meter Reading After Methane Gas</u></b>	<b><u>Difference Between Calibration Gas and Meter Reading</u></b>
1	<u>0</u> ppm	<u>491</u> ppm	<u>9</u> ppm
2	<u>0</u> ppm	<u>488</u> ppm	<u>12</u> ppm
3	<u>0</u> ppm	<u>489</u> ppm	<u>11</u> ppm

Average Difference: 10.67 ppm

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

= 10.7 ppm / 500 ppm X 100%= 2.13 %

\* If results are &gt; zero (0 ppm) then an internal calibration is required



Project Number: 11146097

Client: WMW

**General Information:**

Date: 6/29/18

Operator Name: Michael Pasick

Facility: High Acres Landfill

Instrument ID: GHD 09300

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

Approximate Wind Speed 10-15 mph

General Weather: 84 °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: 498 ppm (should be same as above)

Time of Calibration: 1:15 am (pm) (fill in and pick one)

**Background Concentration Information:**

Background concentration upwind of site: 0.60 ppm

Background concentrations downwind of site: 1.50 ppm

Average: 1.05 ppm

**Location of background readings**

Upwind: Main Office Parking Lot

Downwind: SE corner of Closed Landfill

Signature [Signature]

Project Number: 11146097Client: WMNJ

Date: 7/9/18  
Operator Name: Michael Casella  
Facility: High Acres Landfill  
Instrument ID: GHD 09300  
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.: 450 ppm

<u>Trial No.</u>	<u>Time to reach 90% gas value</u>
1	<u>3.92</u> seconds
2	<u>3.83</u> seconds
3	<u>3.36</u> seconds
Average	<u>3.70</u> seconds

NOTE: Must be < 30 seconds

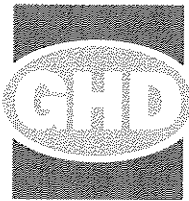
<u>Trial No.</u>	<u>Meter Reading After Zero Gas *</u>	<u>Meter Reading After Methane Gas</u>	<u>Difference Between Calibration Gas and Meter Reading</u>
1	<u>0</u> ppm	<u>492</u> ppm	<u>3</u> ppm
2	<u>0</u> ppm	<u>495</u> ppm	<u>5</u> ppm
3	<u>0</u> ppm	<u>493</u> ppm	<u>7</u> ppm

Average Difference: 7 ppm

Calibration Precision = Average Difference/Calibration Gas Conc. X 100%  
= 7 ppm / 500 ppm X 100%  
= 1.40 %

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





Project Number: 11146097

Client: WMNY

**General Information:**

Date: 7/9/18

Operator Name: Michael Casullo

Facility: High Acres Landfill

Instrument ID: GHD 09300

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

Approximate Wind Speed 10 mph

General Weather: 88 °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.: 800 ppm

Conduct internal zero calibration? Yes No (circle one)

Instrument reading after calibration: 497 ppm (should be same as above)

Time of Calibration: 2:45 am pm (fill in and pick one)

**Background Concentration Information:**

Background concentration upwind of site: 0.8 ppm

Background concentrations downwind of site: 1.6 ppm

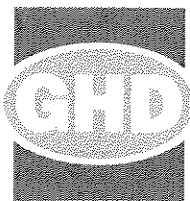
Average: 0.8 ppm

**Location of background readings**

Upwind: SW corner of Western Exp along perimeter road

Downwind: NE corner of Cell 11 on perimeter road

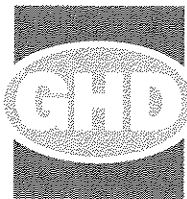
Signature: Michael Casullo

Project Number: 11146097Client: WMNYDate: 7/20/18Operator Name: Michael CasulloFacility: High Acres LandfillInstrument ID: GHD 09300Zero Gas Lot Number: 114-400859291-1 Exp. Date 2/17/25Calibration Gas Lot Number: JBH-150A-500-3 Exp. Date 8/9/21Calibration Gas Conc.: 500 ppm90% of Calib. Gas Conc.: 450 ppm**Trial No.      Time to reach 90% gas value**1      3.72 seconds2      3.43 seconds3      3.67 secondsAverage      3.61 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      507 ppm      7 ppm2      0 ppm      504 ppm      4 ppm3      0 ppm      502 ppm      2 ppmAverage Difference: 4.33 ppm

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

= 4.33 ppm / 500 ppm X 100%= 0.87 %

\* If results are &gt; zero (0 ppm) then an internal calibration is required



Project Number: 11146097

Client: WMNY

**General Information:**

Date: 7/20/18  
Operator Name: Michael Gsubka  
Facility: High Acres Landfill  
Instrument ID: GHD 09300  
Wind Direction: N NE E SE S SW W NW (circle one)  
Approximate Wind Speed 5-10 mph  
General Weather: 66 °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: 502 ppm (should be same as above)  
Time of Calibration: 8:20 am pm (fill in and pick one)

**Background Concentration Information:**

Background concentration upwind of site: 1.3 ppm  
Background concentrations downwind of site: 2.7 ppm  
Average: 20 ppm

**Location of background readings**

Downwind: North of Western Exp. LF on perimeter road  
Upwind: South of Closed Landfill on perimeter road

Signature [Signature]



**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

<b><u>Component</u></b>	<b><u>Specification (+/- 5%)</u></b>	<b><u>Analytical Result (+/- 2%)</u></b>
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



**GASCO AFFILIATES, LLC.**

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

## **CERTIFICATE OF ANALYSIS**

**Date:** August 9, 2017  
**Order Number:** 21878  
**Lot Number:** IBH-150A-500-3

**Customer:** Industrial Environmental  
**Use Before:** 08/09/2021

<b>Component</b>	<b>Specification (+/- 5%)</b>	<b>Analytical Result (+/- 2%)</b>
Methane	500 PPM	498 PPM
Air	Balance	Balance

**Cylinder Size:** 0.6 Cu. Ft.  
**Contents:** 17 Liter

**Valve:** CGA 600  
**Pressure:** 240 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

## 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

# Attachment 2 Follow Up Monitoring



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 11:41 am pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: 10,000 ppm - 2.7 ppm = >10,000 ppm

Location of monitored exceedance (include description of field marker used): Bubbling liquid in grid AG42, marked location with red flag  
Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: A new well was installed at this location.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 4:08 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 678 ppm - 1.05 ppm = 677 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days: A new boot and liner was installed around well.

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: 7-9-18 Time: 3:13 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 1.0 ppm - 1.2 ppm = 0 ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 10:14 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 3.4 ppm - 2.0 ppm = 1.4 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature

Bryan P Szalada





Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 11:57 am pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: 4,680 ppm - 2.7 ppm = 4,677 ppm

Location of monitored exceedance (include description of field marker used): Grid AD39 East GW-18R,  
marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection  
in vicinity of measured exceedance before remonitoring in 10 days: Fixed dewatering pump  
at well.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 4:02 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 0.4 ppm - 1.05 ppm = 0 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 10:51 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 0.9 ppm - 2.0 ppm = 0 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection  
device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be  
submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is  
completed.

Signature Bryan P Szolde



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 4:18 am pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: >10,000 ppm - 2.7 ppm = >10,000 ppm

Location of monitored exceedance (include description of field marker used): Grid AD 45,  
marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Cover soil was excavated,  
replaced with new soil and compacted.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 3:55 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 0.3 ppm - 1.05 ppm = 0 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 10:45 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 16.5 ppm - 2.0 ppm = 14.5 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryan P Szalade



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 5:09 am pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: >10,000 ppm - 2.7 ppm = >10,000 ppm

Location of monitored exceedance (include description of field marker used): Grid 024 West GW-29,  
marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection  
in vicinity of measured exceedance before remonitoring in 10 days: Excavated around well  
casing and installed new foam plug.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:17 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 0.3 ppm - 1.05 ppm = 0 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:44 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 4.8 ppm - 2.0 ppm = 2.8 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection  
device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be  
submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is  
completed.

Signature

Bryan P. Szalade



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 5:00 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 1,448 ppm - 2.7 ppm = 1,445 ppm

Location of monitored exceedance (include description of field marker used): Grid T24 Riser, marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Removed riser and installed foam plug and clay at location.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 3:20 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 6.4 ppm - 1.05 ppm = 5.4 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 10:04 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 12.7 ppm - 2.0 ppm = 10.7 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryan P Szalder



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 4:45 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 4,385 ppm - 2.7 ppm = 4,382 ppm

Location of monitored exceedance (include description of field marker used): Grid U29 West GW-60R, marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Excavated around well casing and installed a new foam plug.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:57 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 1.0 ppm - 1.05 ppm = 0 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:53 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 16.6 ppm - 2.0 ppm = 14.6 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryan P. Szalada





Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 5:15 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 2,790 ppm - 2.7 ppm = 2,787 ppm

Location of monitored exceedance (include description of field marker used): Grid P19 West GW-17, marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Excavated around well casing and installed new foam plug and added clay.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 3:42 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 166 ppm - 1.05 ppm = 165 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:58 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 65.2 ppm - 2.0 ppm = 63.2 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryan P Szolda



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 5:40 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 1,130 ppm - 2.7 ppm = 1,127 ppm

Location of monitored exceedance (include description of field marker used): Grid U35 West GW-119,  
marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: The area around the well was excavated and a bentonite plug was installed. The area was backfilled with clay and compacted.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:03 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 65.2 ppm - 1.05 ppm = 64.2 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:19 ☒ am ☐ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 68.1 ppm - 2.0 ppm = 66.1 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryan P Szalder



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 5:45 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: >10,000 ppm - 2.7 ppm = >10,000 ppm

Location of monitored exceedance (include description of field marker used): Grid T35 West GW-117,  
marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Excavated around well casing and installed new foam plug and added soil.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:05 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 3.1 ppm - 1.05 ppm = 2.1 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:21 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 3.1 ppm - 2.0 ppm = 1.1 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryan P. Syddals

Page 9 of \_\_\_\_\_





Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 9:36 am pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: 210,000 ppm - 2.5 ppm = 210,000 ppm

Location of monitored exceedance (include description of field marker used): Grid I29,  
marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Cover soil was excavated,  
replaced with new soil and compacted.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 3:15 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 50.3 ppm - 1.05 ppm = 49.3 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 10:38 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 87.3 ppm - 2.0 ppm = 85.3 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryan P Szalade



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 2:45 am ☒ pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: 851 ppm - 2.5 ppm = 849 ppm

Location of monitored exceedance (include description of field marker used): Grid N42 West GW-140, marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: The area around the well was excavated and a bentonite plug was installed.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:40 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 17.8 ppm - 1.05 ppm = 16.8 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:15 ☒ am ☐ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 3.6 ppm - 2.0 ppm = 1.6 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am ☐ pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am ☐ pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryce P. Szalade



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 1:05 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 210,000 ppm - 2.5 ppm = 210,000 ppm

Location of monitored exceedance (include description of field marker used): Grid V44 West GW-184, marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: The area around the well was excavated and a bentonite plug was installed. The area was backfilled with clay and compacted.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:00 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 22.5 ppm - 1.05 ppm = 21.5 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 10:31 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 105 ppm - 2.0 ppm = 103 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Brya P Szold



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 1:32 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 210,000 ppm - 2.5 ppm = 210,000 ppm

Location of monitored exceedance (include description of field marker used): Grid P48 West GW-172, marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Excavated around well casing and installed new foam plug.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 1:40 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 166 ppm - 1.05 ppm = 165 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 8:55 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 4.2 ppm - 2.0 ppm = 2.2 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature

Bryan P Szalder





Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 1:36 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 710,000 ppm - 2.5 ppm = 710,000 ppm

Location of monitored exceedance (include description of field marker used): Grid P47 HAGW-1011,  
marked with red flag.  
Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection  
in vicinity of measured exceedance before remonitoring in 10 days: Excavated around well casing  
and installed a new foam plug.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 1:52 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 25.9 ppm - 1.05 ppm = 24.9 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 8:58 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 117 ppm - 2.0 ppm = 115 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection  
device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be  
submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is  
completed.

Signature Bryan P. Szelds



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 2:34 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 1,881 ppm - 2.5 ppm = 1,879 ppm

Location of monitored exceedance (include description of field marker used): Grid R46 West GW-180,  
marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection  
in vicinity of measured exceedance before remonitoring in 10 days: The area around the well was  
excavated and a bentonite plug was installed. The area was backfilled with  
clay and compacted.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 1:49 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 0.4 ppm - 1.05 ppm = 0 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:00 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 4.0 ppm - 2.0 ppm = 2.0 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection  
device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be  
submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is  
completed.

Signature

Bryan P Szalder



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 2:41 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 3,532 ppm - 2.5 ppm = 3,530 ppm

Location of monitored exceedance (include description of field marker used): Grid S45 EW-1012,  
marked with red flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: The area around the well  
was excavated and a bentonite plug was installed,

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 3:50 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 125 ppm - 1.05 ppm = 124 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:06 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 10.1 ppm - 2.0 ppm = 8.1 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature

Bryan P Szalada



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 11:30 am pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: 390 ppm - 2.7 ppm = 387 ppm

Location of monitored exceedance (include description of field marker used): Grid AH42, well south of EMH-09, marked with yellow flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Cover soil was excavated, replaced with clay and compacted.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 3:15 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 26.1 ppm - 1.05 ppm = 25.1 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 10:20 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 969 ppm - 2.0 ppm = 167 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryan P Szalade





Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 12:14 am pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: 464 ppm - 2.7 ppm = 461 ppm

Location of monitored exceedance (include description of field marker used): Grid AC40,  
marked with yellow flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Increased liner vacuum on  
East GW-59.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 3:59 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 0.5 ppm - 1.05 ppm = 0 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 10:49 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 88.8 ppm - 2.0 ppm = 86.8 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryan P Szalda



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 4:58 am ☒ pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: 315 ppm - 2.7 ppm = 312 ppm

Location of monitored exceedance (include description of field marker used): Grid Q28 West GW-64R, marked with yellow flag.  
Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Excavated around well casing and installed a new foam plug.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:45 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 4.3 ppm - 1.05 ppm = 3.3 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:35 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 169 ppm - 2.0 ppm = 167 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature

Bryan P Szalda



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 4:50 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 429 ppm - 2.7 ppm = 426 ppm

Location of monitored exceedance (include description of field marker used): Grid V29,  
marked with yellow flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Cover soil was excavated,  
replaced with new soil and compacted.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 3:00 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 223 ppm - 1.05 ppm = 21.3 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:56 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 26.5 ppm - 2.0 ppm = 24.5 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Byron P Szalda



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-20-18 Time: 5:03 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 461 ppm - 2.7 ppm = 458 ppm

Location of monitored exceedance (include description of field marker used): Grid S23, marked with yellow flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Cover soil was excavated, replaced with new soil and compacted.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 3:23 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 15.8 ppm - 1.05 ppm = 14.8 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 10:07 am ☒ pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 7.3 ppm - 2.0 ppm = 5.3 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature

Bryan P. Szelds





Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 12:15 am pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: 370 ppm - 2.5 ppm = 368 ppm

Location of monitored exceedance (include description of field marker used): Grid P35 West GW-127, marked with yellow flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Increased liner vacuum.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:11 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 27.4 ppm - 1.05 ppm = 26.4 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:25 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 87.1 ppm - 2.0 ppm = 85.1 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryan P Szeldor



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 12:20 am pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: 469 ppm - 2.5 ppm = 467 ppm

Location of monitored exceedance (include description of field marker used): Grid P35, West GW-86,  
marked with yellow flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection in vicinity of measured exceedance before remonitoring in 10 days: Excavated around well casing  
and installed new foam plug.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:05 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 1.1 ppm - 1.05 ppm = 0.05 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:23 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 3.2 ppm - 2.0 ppm = 1.2 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is completed.

Signature Bryan P. Szalder



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 1:54 am pm Monitoring Technician Initials: BPS  
Instrument reading - Background reading: 331 ppm - 2.5 ppm = 329 ppm

Location of monitored exceedance (include description of field marker used): Grid N38 West GW-97R,  
marked with yellow flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection  
in vicinity of measured exceedance before remonitoring in 10 days: Excavated around well casing  
and installed a new foam plug.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:27 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 66.3 ppm - 1.05 ppm = 65.3 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:12 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 115 ppm - 2.0 ppm = 113 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection  
device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be  
submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is  
completed.

Signature Bryan P Szalder



Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 10:53 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 294 ppm - 2.5 ppm = 292 ppm

Location of monitored exceedance (include description of field marker used): Grid T30 West GW-57R,  
marked with yellow flag.

Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection  
in vicinity of measured exceedance before remonitoring in 10 days: Excavated around well casing  
and installed a new foam plug.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:54 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 1.7 ppm - 1.05 ppm = 0.7 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:50 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 6.3 ppm - 2.0 ppm = 4.3 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection  
device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be  
submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is  
completed.

Signature Bryan P Szold





Project Number: 11146097

Client: WMNY

**Initial Monitoring Exceedance:**

Date: 6-21-18 Time: 12:18 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 335 ppm - 2.5 ppm = 333 ppm

Location of monitored exceedance (include description of field marker used): Grid 036 West GW-93,  
marked with yellow flag.  
Describe cover maintenance or adjustments to the vacuum of adjacent wells to increase gas collection  
in vicinity of measured exceedance before remonitoring in 10 days: Excavated around well casing  
and installed a new foam plug.

**Remonitor location within 10 calendar days of initial exceedance:**

Date: 6-29-18 Time: 2:20 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 21.4 ppm - 1.05 ppm = 20.4 ppm

If 10-day remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: 7-20-18 Time: 9:30 am pm Monitoring Technician Initials: MAC  
Instrument reading - Background reading: 166 ppm - 2.0 ppm = 164 ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

**Remonitor location within 10 calendar days of 2nd exceedance:**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 10 day remonitoring is <500 ppm, remonitor 1 month from initial exceedance:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ am pm Monitoring Technician Initials: \_\_\_\_\_  
Instrument reading - Background reading: \_\_\_\_\_ ppm - \_\_\_\_\_ ppm = \_\_\_\_\_ ppm

If the 1 month remonitoring is <500 ppm, resume normal quarterly monitoring.

If the 1 month remonitoring shows an exceedance, describe additional corrective action taken before  
remonitoring again within 10 days:

(use additional forms if necessary)\*

\*If remonitoring shows 3 consecutive exceedances within a quarterly period a new well or other collection  
device must be installed within 120 days of initial exceedance or alternative remedies/timelines may be  
submitted to the Administrator for approval. Further monitoring is not necessary until the remedy is  
completed.

Signature Bryan P Szalda

# Attachment 3 Exceedance Photographs

High Acres Landfill  
Surface Emission Monitoring  
Q2 - 2018

- Gas Well South of EMH-09
  - Initial Reading – 390 PPM
  - 6/20/2018





- Gas Well South of EMH-09
  - Corrective Action: Cover soil was excavated, replaced with clay and compacted. Added additional foam plug.
  - 10-Day Follow Up Reading – 26.1 PPM
  - 6/29/2018





- Grid AG42
  - Initial Reading – >10,000 PPM
  - 6/20/2018





- Grid AG42
  - Corrective Action: A new gas well was installed at the location.
  - 10-Day Follow Up Reading – 678 PPM
  - 6/29/2018
  
- Grid AG42
  - Corrective Action: A new boot and liner was installed around the well.
  - Additional 10-Day Follow Up Reading – 1.0 PPM
  - 7/9/2018



- East GW-18R
  - Initial Reading – 4,680 PPM
  - 6/20/2018



- East GW-18R
  - Corrective Action: Fixed the dewatering pump at well.
  - 10-Day Follow Up Reading – 0.4 PPM
  - 6/29/2018



- Grid AC40
  - Initial Reading – 464 PPM
  - 6/20/2018



- Grid AC40
  - Corrective Action: Increased liner vacuum on East GW-59.
  - 10-Day Follow Up Reading – 0.5 PPM
  - 6/29/2018



- Grid AD45
  - Initial Reading – >10,000 PPM
  - 6/20/2018





- Grid AD45
  - Corrective Action: Cover soil was excavated, replaced with new soil and compacted.
  - 10-Day Follow Up Reading – 0.3 PPM
  - 6/29/2018





- West GW-64R
  - Initial Reading – 315 PPM
  - 6/20/2018



- West GW-64R
  - Corrective Action: Excavated around well casing and installed a new foam plug.
  - 10-Day Follow Up Reading – 4.3 PPM
  - 6/29/2018





- West GW-29
  - Initial Reading – >10,000 PPM
  - 6/20/2018



- West GW-29
  - Corrective Action: Repaired tear in the liner. Upgraded liner vacuum.
  - 10-Day Follow Up Reading – 0.3 PPM
  - 6/29/2018





- Grid V29 – Grassless Area
  - Initial Reading – 429 PPM
  - 6/20/2018





- Grid V29 – Grassless Area
  - Corrective Action: Cover soil was excavated, replaced with new soil and compacted.
  - 10-Day Follow Up Reading – 22.3 PPM
  - 6/29/2018





- Grid S23 – Grassless Area
  - Initial Reading – 461 PPM
  - 6/20/2018





- Grid S23 – Grassless Area
  - Corrective Action: Cover soil was excavated, replaced with new soil and compacted.
  - 10-Day Follow Up Reading – 25.8 PPM
  - 6/29/2018





- Grid T24 – Riser
  - Initial Reading – 1,448 PPM
  - 6/20/2018





- Grid T24 – Riser
  - Corrective Action: Removed riser and installed foam plug and clay at location. Installed a collector at the location of riser.
  - 10-Day Follow Up Reading – 6.4 PPM
  - 6/29/2018





- West GW-60R
  - Initial Reading – 4,385 PPM
  - 6/20/2018





- West GW-60R
  - Corrective Action: Excavated around well casing and installed a new foam plug.
  - 10-Day Follow Up Reading – 1.0 PPM
  - 6/29/2018





- West GW-17
  - Initial Reading – 2,790 PPM
  - 6/20/2018





- West GW-17
  - Corrective Action: Excavated around well casing, installed a new foam plug and added clay.
  - 10-Day Follow Up Reading – 166 PPM
  - 6/29/2018





- West GW-119
  - Initial Reading – 1,130 PPM
  - 6/20/2018





- West GW-119
  - Corrective Action: The area around the well was excavated and a bentonite plug was installed. The area was backfilled with clay and compacted.
  - 10-Day Follow Up Reading – 65.2 PPM
  - 6/29/2018





- West GW-117
  - Initial Reading – >10,000 PPM
  - 6/20/2018





- West GW-117
  - Corrective Action: Excavated around well casing and installed a new foam plug and added soil.
  - 10-Day Follow Up Reading – 3.1 PPM
  - 6/29/2018





- Grid I29
  - Initial Reading – >10,000 PPM
  - 6/21/2018





- Grid I29
  - Corrective Action: Cover soil was excavated, replaced with new soil and compacted.
  - 10-Day Follow Up Reading – 50.3 PPM
  - 6/29/2018





- West GW-127
  - Initial Reading – 370 PPM
  - 6/21/2018





- West GW-127
  - Corrective Action: excavated original cover soil, added a foam plug, replaced clay and soil, and compacted around the collector.
  - 10-Day Follow Up Reading – 50.3 PPM
  - 6/29/2018





- West GW-86
  - Initial Reading – 469 PPM
  - 6/21/2018





- West GW-86
  - Corrective Action: Excavated around well casing and installed a new foam plug.
  - 10-Day Follow Up Reading – 1.1 PPM
  - 6/29/2018





- West GW-97R
  - Initial Reading – 331 PPM
  - 6/21/2018





- West GW-97R
  - Corrective Action: Excavated around well casing and installed a new foam plug.
  - 10-Day Follow Up Reading – 66.3 PPM
  - 6/29/2018





- West GW-140
  - Initial Reading – 851 PPM
  - 6/21/2018





- West GW-140
  - Corrective Action: The area around the well was excavated and a bentonite plug was installed.
  - 10-Day Follow Up Reading – 17.8 PPM
  - 6/29/2018





- West GW-57R
  - Initial Reading – 294 PPM
  - 6/21/2018





- West GW-57R
  - Corrective Action: Excavated around well casing and installed a new foam plug.
  - 10-Day Follow Up Reading – 1.7 PPM
  - 6/29/2018





- West GW-93
  - Initial Reading – 335 PPM
  - 6/21/2018





- West GW-93
  - Corrective Action: Excavated around well casing and installed a new foam plug.
  - 10-Day Follow Up Reading – 21.4 PPM
  - 6/29/2018





- West GW-184
  - Initial Reading – >10,000 PPM
  - 6/21/2018





- West GW-184
  - Corrective Action: The area around the well was excavated and a bentonite plug was installed. The area was backfilled with clay and compacted.
  - 10-Day Follow Up Reading – 22.5 PPM
  - 6/29/2018





- West GW-172
  - Initial Reading – >10,000 PPM
  - 6/21/2018





- West GW-172
  - Corrective Action: Excavated around well casing and installed a new foam plug. Extended liner to include West GW-172.
  - 10-Day Follow Up Reading – 166 PPM
  - 6/29/2018





- HAGW-1011
  - Initial Reading – >10,000 PPM
  - 6/21/2018





- HAGW-1011
  - Corrective Action: Excavated around well casing and installed a new foam plug.
  - 10-Day Follow Up Reading – 25.9 PPM
  - 6/29/2018





- West GW-180
  - Initial Reading – 1,881 PPM
  - 6/21/2018





- West GW-180
  - Corrective Action: Excavated around well casing and installed a new foam plug.
  - 10-Day Follow Up Reading – 0.4 PPM
  - 6/29/2018



- HAGW-1012
  - Initial Reading – 3,532 PPM
  - 6/21/2018





- HAGW-1012
  - Corrective Action: Excavated around well casing and installed a new foam plug.
  - 10-Day Follow Up Reading – 125 PPM
  - 6/29/2018

