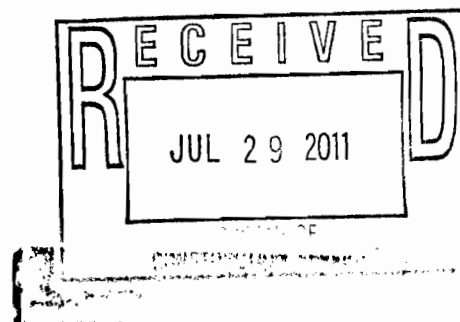




July 25, 2011

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Construction Services
625 Broadway, 12th Floor
Albany, New York 12233-7013



Attn: Jeffrey E. Trad, P.E.
Environmental Engineer II

Re: Sonia Road Landfill Remediation Program
Site Registry No. 152013
Post Closure Program

Dear Mr. Trad:

Transmitted herewith is the first Semi-Annual Sonia Road Post Closure Monitoring Report for 2011. Also included (as Appendices A, B, C, D & E) are 1) field photographs; 2) the January, February, March, April, May, & June 2011 FPM Gas Migration Monitoring Reports; 3) the February, 2010 H2M Well Condition Report; 4) Omntec field test results; and 5) the total number of cars stored on site (by month; provided by the leasee).

Sincerely,

Anthony J. Varrichio, P.E.
Chief Engineer
Islip Resource Recovery Agency

cc: Christopher A. Andrade, Agency President
R.M. Brick, Executive Assistant to Mr. Andrade
Fazil Rahaman, Asst. Groundwater Treatment Plant Operator
File



**TOWN OF ISLIP
SUFFOLK COUNTY, NEW YORK**

**SONIA ROAD LANDFILL
WEST BRENTWOOD, NEW YORK
SITE REGISTRY NO. 152013**



**POST CLOSURE
MONITORING AND MAINTENANCE REPORT**

**JANUARY THROUGH JUNE
2011**

**POST-CLOSURE MONITORING AND MAINTENANCE REPORT
SONIA ROAD LANDFILL
BRENTWOOD, NEW YORK**

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SITE INSPECTION CHECKLIST

TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST

VEGETATIVE COVER

DATE: 6/16

INSPECTION BY: FAZIL RAHMAN

~~SEMI-ANNUAL~~

Quarterly Inspection ☒

Storm Inspection ☐

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	

PROBLEM CODE	
a	bare spots
b	dead areas
c	undesirable growth
d	unauthorized dumping
e	litter
f	

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:

List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If entire site Vegetative Cover is acceptable, check box and sign below.



Signature: Fazil Rahman

TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST

SOIL COVER

~~SEMI-ANNUAL~~
Quarterly Inspection

☒ Storm Inspection

DATE:

6/16/11

INSPECTION BY:

FAZIL RAHMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	

PROBLEM CODE			
a	erosion damage	g	waste breakthrough
b	slope movement	h	leachate breakthrough
c	ponding (>10'x10')	i	exposed geosynthetics
d	holes	j	vandalism
e	cracking	k	vector infestation
f	rutting of soils	l	

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:

List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If entire site Soil Cover is acceptable, check box and sign below.



Signature:

Fazil Rahman

TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST

REVETMENT MATTING (RIP RAP)

DATE: 6/16/11

~~SEMI-ANNUAL~~
Quarterly Inspection

☒ Storm Inspection

INSPECTION BY: FAZIL RAHMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Side Slopes				
H1. H5	F	7	Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
Gablon Curb				
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	

PROBLEM CODE			
a	vandalism	g	waste breakthrough
b	slope movement	h	leachate breakthrough
c	vector infestation	i	exposed geosynthetics
d	holes	j	damaged baskets
e	holes in wire fabric	k	loose ties
f	settlement	l	

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:
List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If all Revetment Matting (Rip Rap) and Gabion Curbs are acceptable, check box and sign below. ☐

Signature: _____

**TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST**

ACCESS ROADS

~~SEMI-ANNUAL~~
Quarterly Inspection

☒ Storm Inspection ☐

DATE:

6/16/11

INSPECTION BY:

ERZIL RAHMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
<u>A3</u>	<u>C</u>	<u>7</u>	Y <input checked="" type="checkbox"/> N #	<u>BETWEEN ROAD & PERIMETER FENCE</u>
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	

PROBLEM CODE			
a	potholes	g	depressions
b	burrow holes	h	
c	erosion gullies	i	
d	loss of stone cover	j	
e	exposed geotextile	k	
f	obstructions/debris	l	

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:

List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If all Access Roads are acceptable, check box and sign below.

☐

Signature: _____

TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST

STORMWATER COLLECTION SYSTEM (1 of 4)

DATE:

6/16/11

~~SEMI-ANNUAL~~
Quarterly Inspection

Storm Inspection ☒

INSPECTION BY:

FAZIL RAHMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Perimeter Swales				
<u>H1. H5</u>	<u>K</u>	<u>—</u>	Y <u>(N)</u> #	<u>MONITORING</u>
			Y / N #	
			Y / N #	
			Y / N #	
Diversion Swales				
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	

PROBLEM CODE			
a	vandalism	g	erosion control fabric
b	slope movement	h	loss of topsoil
c	silt accumulation	i	exposed geosynthetics
d	ponded water	j	wash outs
e	vegetative cover	k	<u>SETTLEMENT</u>
f	debris / clogging	l	

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:

List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If Perimeter Swales and Diversion Swales are acceptable, check box and sign below ☐

Signature: _____

**TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST**

STORMWATER COLLECTION SYSTEM (2 of 4)

DATE: 6/16/11

~~SEMI-ANNUAL~~
Quarterly Inspection



Storm Inspection

INSPECTION BY: FAZIL RAHMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Inlet Structures				
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	
Rip Rap Drainway				Culvert Outlets
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	

PROBLEM CODE			
a	vandalism	g	erosion control fabric
b	slope movement	h	loss of stone
c	silt accumulation	i	loss of topsoil
d	ponded water	j	soil erosion around
e	vegetative cover	k	soil erosion beneath
f	debris / clogging	l	woody vegetation

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:

List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If Inlet Structures and Rip Rap Drainway are acceptable, check box and sign below. ☒

Signature: Fazil Rahman

**TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST**

STORMWATER COLLECTION SYSTEM (3 of 4)

DATE: 6/16/11

~~SEMI-ANNUAL~~
Quarterly Inspection

Storm Inspection ☒

INSPECTION BY: FRANK RABINOVICH

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Energy Dissipators				
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
Downchutes				
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	

PROBLEM CODE			
a	vandalism	g	soil erosion around
b	slope movement	h	loss of stone
c	silt accumulation	i	soil erosion beneath
d	ponded water	j	loose ties on baskets
e	damage / instability	k	slippage of gabion
f	debris / clogging	l	woody vegetation

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:

List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If Energy Dissipators and Downchutes are acceptable, check box and sign below.



Signature: Frank Rabinovich

TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST

STORMWATER COLLECTION SYSTEM (4 of 4)

DATE: 6/16/11
INSPECTION BY: FAZIL RAHMAN

~~SEMI-ANNUAL~~
~~Quarterly~~ Inspection ☒ Storm Inspection ☐

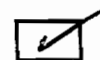
GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Drywells				
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	
Culverts / Outlets				
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	

PROBLEM CODE			
a	vandalism	g	erosion control fabric
b	slope movement	h	soil erosion around
c	silt accumulation	i	exposed geosynthetics
d	ponded water	j	damage / instability
e	vegetative cover	k	
f	debris / clogging	l	

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:
List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If Drywells and Culverts are acceptable, check box and sign below.



Signature: Fazil Rahman

TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST

RECHARGE BASINS

DATE: 6/16/11

~~Quarterly Inspection~~ ☒ Storm Inspection ☐

INSPECTION BY: FAZIL RAHMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Recharge Basin No. 1				
A3	A	—	Y (N) #	MONITORING
			Y/N #	
			Y/N #	
			Y/N #	
Recharge Basin No. 2				
A5	A	—	Y (N) #	MONITORING
			Y/N #	
			Y/N #	
			Y/N #	

PROBLEM CODE	
a	vegetation
b	sideslope erosion
c	sideslope failures
d	silt accumulation
e	overflow conditions
f	debris / clogging

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:

List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If both Recharge Basins are acceptable, check box and sign below.

☐

Signature: _____

TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST

MONITORING WELLS

~~SEMI-ANNUAL~~
Quarterly Inspection



Storm Inspection

DATE:

6/30/11

INSPECTION BY:

F.P.M. / H2M.

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Landfill Gas Monitoring Wells				See well condition reports prepared by Town consultants. <u>F.P.M.</u>
—	—	—	Y/N #	<u>MONTHLY (JAN. THROUGH JUNE) REPORTS ATTACHED.</u>
			Y/N #	
			Y/N #	
			Y/N #	
Groundwater Monitoring Wells				See well condition reports prepared by Town consultants. <u>H2M.</u>
—	—	—	Y/N #	<u>EVERY 15 MONTHS (FEBRUARY 11, 2010) REPORT ATTACHED.</u>
			Y/N #	
			Y/N #	
			Y/N #	

PROBLEM CODE	
a	damage
b	vandalism
c	settlement
d	vector infestation
e	
f	

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:

List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If all Monitoring Wells are acceptable, check box and sign below.

☐

Signature: _____

**TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST**

LANDFILL GAS COLLECTION SYSTEM

SEMI-ANNUAL

Quarterly Inspection

Storm Inspection ☒

DATE:

5/12/11

INSPECTION BY:

FAZIL RAHAMAN

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
LFG Recovery Wells / Valve Vaults				<u>SEE PG. 14</u>
<u>11</u>	<u>OK</u>	<u>3</u>	<u>(Y) N #</u>	<u>ON GOING, (CORRECTED)</u>
<u>12</u>	<u>0</u>	<u>3</u>	<u>(Y) N #</u>	<u>SAME</u>
<u>18</u>	<u>OK</u>	<u>3</u>	<u>(Y) N #</u>	<u>SAME</u>
			Y / N #	
LFG Collection Wells (GC1 - GC16)				<u>SEE PG. 14</u>
<u>5</u>	<u>0</u>	<u>MONITORING</u>	<u>Y (N) #</u>	<u>SAND/DIRT PERCOLATING UP-WARD</u>
			Y / N #	<u>THROUGH SUB-OPENING</u>
			Y / N #	
			Y / N #	

PROBLEM CODE			
a	odor	g	broken valve
b	damage	h	broken piping
c	vandalism	i	exposed geosynthetics
d	settlement	j	damage / instability
e	vector infestation	k	soil erosion around
f	no vacuum	l	access restricted

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:

List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If entire site Landfill Gas Collection System is acceptable, check box and sign below.

☐

Signature: _____

TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST

LANDFILL GAS COMPOUND

DATE: 6/30/11

~~SEMI-ANNUAL~~
Quarterly Inspection

Storm Inspection ☒

INSPECTION BY: FAZIL RAHMAN

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Blower Pad / Blower Nos. 104A and 104B				
104A & B	K	—	Y/N #	MINOR OIL LEAK BETWEEN PALLEY & HOUSING,
			Y/N #	MONITORING
			Y/N #	
Flare				USED FOR VENTING ONLY
			Y/N #	
			Y/N #	
Condensate Storage				
				Liquid Volume = ^{ACTUAL} 1.229 gallons Alarms: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Test System <input checked="" type="checkbox"/> / Not Successful
			Y/N #	SEE PRINT OUT ATTACHED.
			Y/N #	

PROBLEM CODE			
a	odor	g	broken valve
b	damage	h	broken piping
c	vandalism	i	broken belts
d	mechanical noise	j	gauges
e	no vacuum	k	OIL LEAK
f	alarms	l	

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:

List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If entire Landfill Gas Compound is acceptable, check box and sign below. ☐

Signature: _____

TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST

SITE FACILITIES

~~SEMI-ANNUAL~~
Quarterly Inspection

☒ Storm Inspection

DATE:

6/30/11

INSPECTION BY:

FRANK RAMON

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Electrical Panels and Control Panels				Lights tested <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
			Y / N #	'INLET GAS HIGH TEMP.' REFLECTED ON DIGITAL SCREEN.
			Y / N #	NOTE: FLARE USED FOR VENTING ONLY.
Gates / Locks / Signs				
			Y / N #	
Fencing (Identify location by Grid I.D.)				
EI-F1	I	—	Y <input checked="" type="checkbox"/> N <input type="checkbox"/> #	MONITORING.
			Y / N #	
Site Trailer				
			Y / N #	

PROBLEM CODE			
a	damage	g	replace indicator lights
b	vandalism	h	tripped / reset required
c	alarms	i	SETTLEMENT
d	missing locks	j	
e	missing signs	k	
f	hole in fence fabric	l	

PRIORITY CODE	
1	Immediate
2	Correct within 1 week
3	Correct within 1 month
4	Correct within 3 months
5	Correct within 6 months
6	Correct within 1 year

Directions:

List only items or areas of the site where problems or deficiencies are noted or where repairs or rehabilitation are required.

If all Site Facilities are acceptable, check box and sign below.

☐

Signature: _____

TOWN OF ISLIP
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST

COMMENTS

~~SEMI ANNUAL~~
Quarterly Inspection

☒ Storm Inspection ☐

DATE:

6/30/11

INSPECTION BY:

FAZIL RAHMAN

ADDITIONAL COMMENTS AS REQUIRED

GAS COLLECTION WELLS #9 THROUGH #16 SCHEDULED FOR INSPECTION DURING
SECOND HALF OF 2011
GAS VALVE VAULTS #15 THROUGH #18 SCHEDULED FOR INSPECTION DURING SECOND
HALF OF 2011

Site inspection has been completed, check box and sign below.

☐

Signature: _____

APPENDIX A
FIELD PHOTOGRAPHS

G.V. # 11

5/12/11



G.V. # 11



G.V. # 12



1 of 1

APPENDIX B
GAS MIGRATION MONITORING REPORTS (6)

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

July 13, 2011

Mr. Alan R. Sanchez
Vice President of Operations
Islip Resource Recovery Agency
401 Main Street
Islip, New York 11751

Re: **Sonia Road Landfill
June 2011 Landfill Gas Monitoring Results
FPM File No. 631-08-11**

Dear Mr. Sanchez:

On June 21, 2011, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GA-90 Gas Analyzer, model GA1/1.

Oxygen (O₂) gas and methane (CH₄) gas were zeroed according to the manufacturer's specifications. The gas analyzer was calibrated with 15 percent (%) CH₄ and 15% carbon dioxide (CO₂) with the balance nitrogen (N₂) gas, and 4% O₂ with the balance N₂ gas according to the manufacturer's recommendation prior to sampling.

The landfill gas monitoring results are provided in Table 1. The next landfill gas monitoring event is tentatively scheduled for July 26, 2011. Jim Jahnke will be notified several days in advance of the sampling event. **Prior to the next monitoring event, it is requested that all wells be cleared of overgrown vegetation.**

Should you have any questions, please do not hesitate to call me at (631) 737-6200, ext. 229.

Sincerely,


Jessica K. Bluth
Hydrogeologist

JKB:tac
Attachment

cc: Jim Jahnke (via fax)
Fazil Rahaman (via fax)

TABLE 1
LANDFILL GAS MONITORING RESULTS
SONIA ROAD LANDFILL
ISLIP, NEW YORK

Gas Monitoring Wells

Location ID	Well Condition	Time & Date	CH ₄	CO ₂	O ₂	Atmospheric Pressure	Relative Pressure
SONIBLOW	OK	6/21/2011 10:21	1.0	4.7	11.3	29.8	0.00
GM-01	OK	6/21/2011 10:24	0.0	1.4	13.9	29.8	0.00
GM-02	OK	6/21/2011 10:28	0.9	5.0	11.4	29.9	0.00
GM-03	OK	6/21/2011 10:31	0.0	0.3	14.8	29.8	0.00
GM-04	OK	6/21/2011 10:35	0.0	1.5	13.5	29.8	0.00
GM-05	OK	6/21/2011 9:26	0.0	5.9	9.2	29.9	0.00
GM-06	OK	6/21/2011 9:29	0.0	1.3	14.7	29.9	0.00
GM-07	OK	6/21/2011 9:37	0.0	4.9	11.1	29.9	0.00
GM-08	OK	6/21/2011 9:40	0.1	1.9	14.0	29.9	0.00
GM-09	OK	6/21/2011 9:43	0.4	1.2	14.4	29.9	0.00
GM-10	OK	6/21/2011 9:46	0.0	1.3	14.6	29.9	0.00
GM-11	OK	6/21/2011 9:57	0.0	1.9	14.1	29.8	0.00
GM-12	OK	6/21/2011 10:01	0.0	0.6	14.9	29.8	0.00
GM-13	OK	6/21/2011 10:04	0.0	2.3	13.8	29.8	0.00
GM-14	OK	6/21/2011 10:06	0.0	2.5	13.2	29.8	0.00
GM-15	OK	6/21/2011 10:09	0.0	2.1	13.8	29.8	0.00
GM-16	OK	6/21/2011 10:12	0.0	1.4	14.1	29.8	0.00
GM-17	OK	6/21/2011 10:15	0.0	1.3	14.3	29.8	0.00

Notes:

CH₄, CO₂, and O₂ are reported in percent gas.

Relative well head pressure is reported in inches of water.

Atmospheric pressure is reported in inches of mercury.

Recovery System Status - Off

Weather - Partly cloudy, 78°F

FPM Group, Ltd.

FPM Engineering Group, P.C.

formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS

909 Marconi Avenue

Ronkonkoma, NY 11779

631/737-6200

Fax 631/737-2410

June 10, 2011

Mr. Alan R. Sanchez
Vice President of Operations
Islip Resource Recovery Agency
401 Main Street
Islip, New York 11751

Re: **Sonia Road Landfill**
May 2011 Landfill Gas Monitoring Results
FPM File No. 631-08-11

Dear Mr. Sanchez:

On May 25, 2011, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GA-90 Gas Analyzer, model GA1/1.

Oxygen (O₂) gas and methane (CH₄) gas were zeroed according to the manufacturer's specifications. The gas analyzer was calibrated with 15 percent (%) CH₄ and 15% carbon dioxide (CO₂) with the balance nitrogen (N₂) gas, and 4% O₂ with the balance N₂ gas according to the manufacturer's recommendation prior to sampling.

The landfill gas monitoring results are provided in Table 1. The next landfill gas monitoring event is tentatively scheduled for June 23, 2011. Jim Jahnke will be notified several days in advance of the sampling event. **Prior to the next monitoring event, it is requested that all wells be cleared of overgrown vegetation.**

Should you have any questions, please do not hesitate to call me at (631) 737-6200, ext. 229.

Sincerely,



Jessica K. Bluth
Hydrogeologist

JKB:tac
Attachment

cc: Jim Jahnke (via fax)
Fazil Rahaman (via fax)

S:\Islip RRA\Reports\Sonia-Ltrs\2011 Letters\May.docx

TABLE 1
LANDFILL GAS MONITORING RESULTS
SONIA ROAD LANDFILL
ISLIP, NEW YORK

Gas Monitoring Wells

Location ID	Well Condition	Time & Date	CH ₄	CO ₂	O ₂	Atmospheric Pressure	Relative Pressure
SONIBLOW	OK	5/25/2011 12:31	5.3	12.9	6.2	29.8	-31.90
GM-01	OK	5/25/2011 12:45	0.0	0.1	15.6	29.8	0.00
GM-02	OK	5/25/2011 12:48	0.0	0.1	15.6	29.8	0.00
GM-03	OK	5/25/2011 12:52	0.0	0.1	15.3	29.8	0.00
GM-04	OK	5/25/2011 12:55	0.0	0.2	15.3	29.8	0.00
GM-05	OK	5/25/2011 12:58	0.0	0.1	15.5	29.8	0.00
GM-06	OK	5/25/2011 13:02	0.0	0.1	15.5	29.8	0.00
GM-07	OK	5/25/2011 13:04	0.0	0.1	15.5	29.8	0.00
GM-08	OK	5/25/2011 13:08	0.0	0.1	15.5	29.8	0.00
GM-09	OK	5/25/2011 13:10	0.0	1.4	13.9	29.8	0.00
GM-10	OK	5/25/2011 13:13	0.0	0.9	15.1	29.8	0.00
GM-11	OK	5/25/2011 13:15	0.0	1.3	14.4	29.8	0.00
GM-12	OK	5/25/2011 13:19	0.0	0.3	15.3	29.8	0.00
GM-13	OK	5/25/2011 13:21	0.0	2.0	13.8	29.8	0.00
GM-14	OK	5/25/2011 13:23	0.0	1.8	13.8	29.8	0.00
GM-15	OK	5/25/2011 13:25	0.0	1.0	14.8	29.8	0.00
GM-16	OK	5/25/2011 13:27	0.0	0.8	14.8	29.8	0.00
GM-17	OK	5/25/2011 13:33	0.0	0.8	15.1	29.8	0.00

Notes:

CH₄, CO₂, and O₂ are reported in percent gas.

Relative well head pressure is reported in inches of water.

Atmospheric pressure is reported in inches of mercury.

Recovery System Status - On

Weather - Mostly cloudy, 80°F

FPM group

Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
809 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

May 11, 2011

Mr. Alan R. Sanchez
Vice President of Operations
Islip Resource Recovery Agency
401 Main Street
Islip, New York 11751

Re: **Sonia Road Landfill**
April 2011 Landfill Gas Monitoring Results
FPM File No. 631-08-11

Dear Mr. Sanchez:

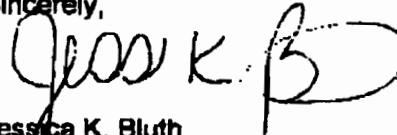
On April 27, 2011, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GA-90 Gas Analyzer, model GA1/1.

Oxygen (O₂) gas and methane (CH₄) gas were zeroed according to the manufacturer's specifications. The gas analyzer was calibrated with 15 percent (%) CH₄ and 15% carbon dioxide (CO₂) with the balance nitrogen (N₂) gas, and 4% O₂ with the balance N₂ gas according to the manufacturer's recommendation prior to sampling.

The landfill gas monitoring results are provided in Table 1. The next landfill gas monitoring event is tentatively scheduled for May 25, 2011. Jim Jahnke will be notified several days in advance of the sampling event.

Should you have any questions, please do not hesitate to call me at (631) 737-6200, ext. 229.

Sincerely,



Jessica K. Bluth
Hydrogeologist

JKB:tac
Attachment

cc: Jim Jahnke (via fax)
Fazil Rahaman (via fax)

S:\slip RRA\Reports\Sonia-Ltr12011 Letters\April.docx

TABLE 1
LANDFILL GAS MONITORING RESULTS
SONIA ROAD LANDFILL
ISLIP, NEW YORK

Gas Monitoring Wells

Location ID	Well Condition	Time & Date	CH ₄	CO ₂	O ₂	Atmospheric Pressure	Relative Pressure
SONIBLOW	OK	4/27/2011 12:03	5.1	12.4	6.8	30.0	-38.90
GM-01	OK	4/27/2011 12:08	0.0	0.7	15.2	30.0	0.00
GM-02	OK	4/27/2011 12:14	0.0	2.0	13.6	30.0	-0.10
GM-03	OK	4/27/2011 12:24	0.0	0.2	15.7	30.0	-0.20
GM-04	OK	4/27/2011 14:22	0.0	0.3	15.5	29.9	0.00
GM-05	OK	4/27/2011 12:38	0.0	0.2	15.7	29.9	-0.40
GM-06	OK	4/27/2011 12:46	0.0	0.7	15.3	29.9	-0.20
GM-07	OK	4/27/2011 12:51	0.0	1.9	14.3	29.9	-0.20
GM-08	OK	4/27/2011 13:01	0.0	0.8	15.1	29.9	-0.10
GM-09	OK	4/27/2011 13:12	0.0	0.3	15.4	29.9	-0.10
GM-10	OK	4/27/2011 13:17	0.0	0.7	15.3	29.9	0.00
GM-11	OK	4/27/2011 13:25	0.0	1.0	15.1	29.9	0.00
GM-12	OK	4/27/2011 13:31	0.0	0.3	15.5	29.9	0.00
GM-13	OK	4/27/2011 13:37	0.0	1.2	14.9	29.9	0.00
GM-14	OK	4/27/2011 13:43	0.0	1.3	14.4	29.9	0.00
GM-15	OK	4/27/2011 13:50	0.0	0.8	15.2	29.9	0.00
GM-16	OK	4/27/2011 13:57	0.0	0.9	15.0	29.9	0.00
GM-17	OK	4/27/2011 14:08	0.0	0.6	15.3	29.9	0.00

Notes:

CH₄, CO₂, and O₂ are reported in percent gas.

Relative well head pressure is reported in inches of water.

Atmospheric pressure is reported in inches of mercury.

Recovery System Status - On

Weather - Overcast, 58°F

FPM

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

April 6, 2011

Mr. Alan R. Sanchez
Vice President of Operations
Islip Resource Recovery Agency
401 Main Street
Islip, New York 11751

Re: **Sonia Road Landfill**
March 2011 Landfill Gas Monitoring Results
FPM File No. 631-08-11

Dear Mr. Sanchez:

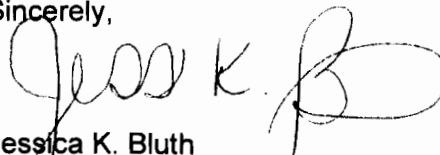
On March 30, 2011, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GA-90 Gas Analyzer, model GA1/1.

Oxygen (O₂) gas and methane (CH₄) gas were zeroed according to the manufacturer's specifications. The gas analyzer was calibrated with 15 percent (%) CH₄ and 15% carbon dioxide (CO₂) with the balance nitrogen (N₂) gas, and 4% O₂ with the balance N₂ gas according to the manufacturer's recommendation prior to sampling.

The landfill gas monitoring results are provided in Table 1. The next landfill gas monitoring event is tentatively scheduled for April 24, 2011. Jim Jahnke will be notified several days in advance of the sampling event.

Should you have any questions, please do not hesitate to call me at (631) 737-6200, ext. 229.

Sincerely,



Jessica K. Bluth
Hydrogeologist

JKB:tac
Attachment

cc: Jim Jahnke (via fax)
Fazil Rahaman (via fax)

S:\Islip RRA\Reports\Sonia-Ltrs\2011 Letters\March.docx

TABLE 1
LANDFILL GAS MONITORING RESULTS
SONIA ROAD LANDFILL
ISLIP, NEW YORK

Gas Monitoring Wells

Location ID	Well Condition	Time & Date	CH ₄	CO ₂	O ₂	Atmospheric Pressure	Relative Pressure
SONIBLOW	OK	3/30/2011 13:16	1.8	4.3	12.8	30.0	-38.40
GM-01	OK	3/30/2011 13:19	0.0	0.6	15.8	30.0	0.00
GM-02	OK	3/30/2011 13:24	0.0	1.1	15.3	30.0	0.00
GM-03	OK	3/30/2011 13:30	0.0	0.1	16.4	30.0	0.00
GM-04	OK	3/30/2011 13:46	0.0	0.2	16.2	30.0	0.00
GM-05	OK	3/30/2011 11:49	0.0	0.1	16.3	30.1	-0.40
GM-06	OK	3/30/2011 11:54	0.0	0.3	16.2	30.1	-0.20
GM-07	OK	3/30/2011 12:01	0.0	1.5	15.2	30.1	-0.20
GM-08	OK	3/30/2011 12:11	0.0	0.7	15.8	30.1	-0.10
GM-09	OK	3/30/2011 12:18	0.0	1.9	14.4	30.1	-0.10
GM-10	OK	3/30/2011 12:24	0.0	0.5	15.9	30.1	0.00
GM-11	OK	3/30/2011 12:29	0.0	0.7	15.8	30.1	0.00
GM-12	OK	3/30/2011 12:37	0.0	0.2	16.2	30.0	0.00
GM-13	OK	3/30/2011 12:44	0.0	0.6	15.9	30.0	0.00
GM-14	OK	3/30/2011 12:54	0.0	0.3	15.9	30.1	0.00
GM-15	OK	3/30/2011 13:01	0.0	0.5	16.0	30.0	0.00
GM-16	OK	3/30/2011 13:06	0.0	0.9	15.7	30.0	-0.20
GM-17	OK	3/30/2011 13:10	0.0	0.3	16.1	30.0	-0.10

Notes:

CH₄, CO₂, and O₂ are reported in percent gas.

Relative well head pressure is reported in inches of water.

Atmospheric pressure is reported in inches of mercury.

Recovery System Status - On

NS = Not Sampled

Weather - Mostly sunny, 48°F

FPM

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

March 2, 2011

Mr. Alan R. Sanchez
Vice President of Operations
Islip Resource Recovery Agency
401 Main Street
Islip, New York 11751

Re: **Sonia Road Landfill
February 2011 Landfill Gas Monitoring Results
FPM File No. 631-08-11**

Dear Mr. Sanchez:

On February 24, 2011, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GA-90 Gas Analyzer, model GA1/1.

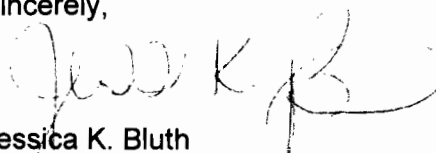
Oxygen (O₂) gas and methane (CH₄) gas were zeroed according to the manufacturer's specifications. The gas analyzer was calibrated with 15 percent (%) CH₄ and 15% carbon dioxide (CO₂) with the balance nitrogen (N₂) gas, and 4% O₂ with the balance N₂ gas according to the manufacturer's recommendation prior to sampling.

The landfill gas monitoring results are provided in Table 1. The next landfill gas monitoring event is tentatively scheduled for March 23, 2011. Jim Jahnke will be notified several days in advance of the sampling event.

Please note that access to well GM-02 is growing increasingly difficult due to the apparent increasing steepness of the adjoining slope. We request that access to well GM-02 be examined and improved.

Should you have any questions, please do not hesitate to call me at (631) 737-6200, ext. 229.

Sincerely,


Jessica K. Bluth
Hydrogeologist

JKB:tac
Attachment

cc: Jim Jahnke (via fax)
Fazil Rahaman (via fax)

S:\Islip RRA\Reports\Sonia-Ltrs\2011 Letters\February.docx

TABLE 1
LANDFILL GAS MONITORING RESULTS
SONIA ROAD LANDFILL
ISLIP, NEW YORK

Gas Monitoring Wells

Location ID	Well Condition	Time & Date	CH ₄	CO ₂	O ₂	Atmospheric Pressure	Relative Pressure
SONIBLOW	OK	2/24/2011 11:19	5.3	12.8	6.3	30.3	-39.30
GM-01	OK	2/24/2011 11:21	0.0	0.7	15.9	30.3	0.00
GM-02	OK	2/24/2011 11:24	0.0	1.1	15.8	30.3	0.00
GM-03	OK	2/24/2011 11:28	0.0	0.2	16.4	30.3	0.00
GM-04	OK	2/24/2011 11:32	0.0	0.2	16.4	30.3	0.00
GM-05	OK	2/24/2011 10:26	0.0	0.3	16.3	30.2	2.50
GM-06	OK	2/24/2011 10:29	0.0	0.3	16.3	30.2	2.20
GM-07	OK	2/24/2011 10:33	0.0	1.5	14.8	30.2	0.00
GM-08	OK	2/24/2011 10:36	0.0	0.8	16.0	30.2	0.00
GM-09	OK	2/24/2011 10:39	0.0	1.1	15.8	30.2	0.00
GM-10	OK	2/24/2011 10:43	0.0	0.6	16.3	30.2	0.00
GM-11	OK	2/24/2011 10:51	0.0	1.1	16.0	30.2	0.10
GM-12	OK	2/24/2011 10:56	0.0	0.2	16.4	30.2	0.00
GM-13	OK	2/24/2011 11:00	0.0	0.7	16.2	30.2	0.00
GM-14	OK	2/24/2011 11:03	0.0	0.9	16.0	30.2	0.00
GM-15	OK	2/24/2011 11:07	0.0	0.5	16.3	30.2	0.00
GM-16	OK	2/24/2011 11:10	0.0	0.8	15.9	30.3	0.00
GM-17	OK	2/24/2011 11:14	0.0	0.3	16.3	30.3	0.00

Notes:

CH₄, CO₂, and O₂ are reported in percent gas.

Relative well head pressure is reported in inches of water.

Atmospheric pressure is reported in inches of mercury.

Recovery System Status - On

NS = Not Sampled

Weather - Partly cloudy, 40°F

FPM

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

February 4, 2011

Mr. Alan R. Sanchez
Vice President of Operations
Islip Resource Recovery Agency
401 Main Street
Islip, New York 11751

Re: **Sonia Road Landfill
January 2011 Landfill Gas Monitoring Results
FPM File No. 631-08-11**

Dear Mr. Sanchez:

On January 31, 2011, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GA-90 Gas Analyzer, model GA1/1.

Oxygen (O₂) gas and methane (CH₄) gas were zeroed according to the manufacturer's specifications. The gas analyzer was calibrated with 15 percent (%) CH₄ and 15% carbon dioxide (CO₂) with the balance nitrogen (N₂) gas, and 4% O₂ with the balance N₂ gas according to the manufacturer's recommendation prior to sampling.

The landfill gas monitoring results are provided in Table 1. The next landfill gas monitoring event is tentatively scheduled for February 22, 2011. Jim Jahnke will be notified several days in advance of the sampling event.

Should you have any questions, please do not hesitate to call me at (631) 737-6200, ext. 229.

Sincerely,



Jessica K. Bluth
Hydrogeologist

JKB:tac
Attachment

cc: Jim Jahnke (via fax)
Fazil Rahaman (via fax)

S:\Islip RRA\Reports\Sonia-Ltrs\2011 Letters\January.docx

TABLE 1
LANDFILL GAS MONITORING RESULTS
SONIA ROAD LANDFILL
ISLIP, NEW YORK

Gas Monitoring Wells

Location ID	Well Condition	Time & Date	CH ₄	CO ₂	O ₂	Atmospheric Pressure	Relative Pressure
SONIBLOW	OK	1/31/2011 12:46	3.3	9.9	9.2	30.6	-34.00
GM-01	OK	1/31/2011 12:49	0.0	0.8	15.8	30.6	0.00
GM-02	OK	1/31/2011 12:54	0.0	1.1	15.9	30.6	-0.10
GM-03	OK	1/31/2011 12:59	0.0	0.2	16.6	30.6	-0.10
GM-04	OK	1/31/2011 13:04	0.0	0.2	16.6	30.6	0.00
GM-05	OK	1/31/2011 11:39	0.0	0.2	16.8	30.5	-0.40
GM-06	OK	1/31/2011 11:43	0.0	0.2	16.8	30.5	-0.10
GM-07	OK	1/31/2011 11:48	0.0	0.7	16.8	30.5	-0.10
GM-08	OK	1/31/2011 11:52	0.0	0.7	16.8	30.5	-0.10
GM-09	OK	1/31/2011 11:56	0.0	1.3	16.2	30.5	0.00
GM-10	OK	1/31/2011 12:00	0.0	0.3	16.9	30.5	-0.10
GM-11	OK	1/31/2011 12:06	0.0	0.9	16.5	30.5	0.00
GM-12	OK	1/31/2011 12:13	0.0	0.2	16.8	30.5	0.00
GM-13	OK	1/31/2011 12:19	0.0	0.3	16.7	30.5	0.00
GM-14	OK	1/31/2011 12:23	0.0	0.3	16.7	30.5	0.00
GM-15	OK	1/31/2011 12:28	0.0	0.5	16.5	30.5	0.00
GM-16	OK	1/31/2011 12:32	0.0	0.7	16.5	30.6	-0.10
GM-17	OK	1/31/2011 12:37	0.0	0.2	16.6	30.6	0.00

Notes:

CH₄, CO₂, and O₂ are reported in percent gas.

Relative well head pressure is reported in inches of water.

Atmospheric pressure is reported in inches of mercury.

Recovery System Status - On

NS = Not Sampled

Weather - Mostly cloudy, 26°F

APPENDIX C
GROUNDWATER WELL CONDITION REPORT



Engineers | Architects | Scientists | Planners | Surveyors

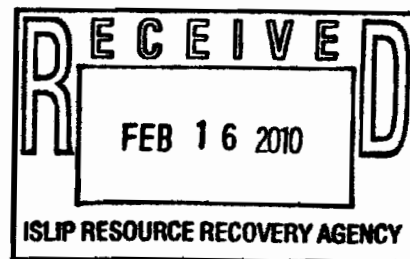
Holzmacher, McLendon & Murrell, P.C. | H2M Associates, Inc.
H2M Labs, Inc. | H2M Architects & Engineers, Inc.

175 Pinelawn Road | Suite 308
Melville, New York 11747
v 631.756.8000 f 631.393.6322
www.h2m.com

February 11, 2010¹⁰

Anthony Varrichio, P.E., Chief Engineer
Islip Resource Recovery Agency
401 Main Street
Islip, New York 11751

Re: Well Condition Report, First Semi-Annual 2010 Report
Sonia Road Landfill,
H2M No. ISLP1001



Dear Mr. Varrichio:

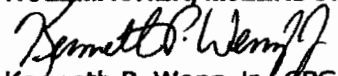
The purpose of this letter is to provide the First Semi-Annual 2010 well inspection summary report for the 35 monitoring wells at the Sonia Road Landfill. The completed well inspection checklists are enclosed. The well inspection did not reveal any significant damage, security issues or other concerns related to the sampled monitoring wells that would require corrective action, except at 12 wells. The following concerns were noted during the inspection:

- The vaults to monitoring wells MW-02D and MW-02I could not be closed due to contact between the well caps and vault covers.
- The rubber gaskets on the vaults for monitoring wells MW-06S and MW-06I were damaged.
- The casings for monitoring wells MW-05S, MW-13S and MW-14S are straight, but not vertical.
- The manhole cover for monitoring MW-07D could not be closed completely due to contact with the well cap.
- The PVC casing for monitoring wells MW-11S, MW-14S, MW-14I and MW-14D appeared to have been recently cut, and may need to be resurveyed.
- The well cap for monitoring well MW-11I was damaged.
- Sediment accumulation found beneath manhole cover for monitoring well MW-11D.
- The manhole cover for monitoring well MW-13S was missing.
- Monitoring well MW-13I was apparently buried beneath substantial landscaping debris, and could not be located during this sampling event.

If you have any questions or require any additional information, please call me at (631) 756-8000, extension 1606.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.


Kenneth P. Wenz, Jr., CPG
Senior Project Manager

X:\SLP (Town of Islip) - 10560\2010\Sonia Rd 2010\Well Condition Logs\Well condition Logs\First Semi-Annual Well Condition Report 2010.docx



CELEBRATING 75 YEARS



Table 1
WELL INSPECTION SUMMARY – FIRST SEMI-ANNUAL 2010
SONIA ROAD LANDFILL

Well	Surface Seal	Cover/Standpipe	Lock Intact?	Casing Alignment	Survey Point	Well Labeled?	Well Protected?
MW-01S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-01I	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-01D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-02I	Intact	Vault could not be closed	Yes	Straight	Marked	Yes	No
MW-02D	Intact	Vault could not be closed	Yes	Straight	Marked	Yes	No
MW-03S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-03I	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-03D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-04S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-04I	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-04D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-05S	Intact	Intact	Yes	Straight, not vertical	Marked	Yes	Yes
MW-05I	Intact	Intact	Yes		Marked	Yes	Yes
MW-05D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-06S	Intact	Gasket damaged	Yes	Straight	Marked	Yes	Yes
MW-06I	Intact	Gasket damaged	Yes	Straight	Marked	Yes	Yes
MW-06D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-07S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-07I	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-07D	Intact	Manhole cover not flush	Yes	Straight	Marked	Yes	Yes
MW-10S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-10I	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-10D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-11S	Intact	Intact	Yes	Straight	PVC casing recently cut	Yes	Yes
MW-11I	Intact	Well cap damaged	Yes	Straight	Marked	Yes	Yes
MW-11D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-12S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-12I	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-12D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-13S	Intact	Missing manhole cover	Yes	Straight, not vertical	Marked	Yes	No
MW-13I	Unable to locate well at the time of the inspection due to landscaping debris.						
MW-13D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-14S	Intact	Intact	Yes	Straight, not vertical	PVC casing recently cut	Yes	Yes
MW-14I	Intact	Intact	Yes		Straight	PVC casing recently cut	Yes
MW-14D	Intact	Intact	Yes	Straight	PVC casing recently cut	Yes	Yes

APPENDIX D
OMNTEC FIELD TEST RESULTS

---OMNTEC Mfg., Inc.
Tel: 1(631)981-2001
Fax: 1(631)981-2007

---SITE INFORMATION:
Name: Town Of Islip
Addr: SONIA ROAD LANDFILL
ID#: EL018627
VER 4.22 PR 030603
JUN 30, 2011 08:20 AM

---Testing PROM
PROM Tests OK

---Testing RAM PASSED
---Parameter Flash Used 0.75%

---Check Slot
Slot 1 Annunciator Board
Slot 2 Relay Board
Slot 3 Relay Board

---Testing Level Probes
T# PRODUCT TYPE TEST
T1 Leachate P

---Testing Leak Sensors
S# P/N LABEL TEST
01 BXPDS PIPE CONTAIN.CHAMBE.. P
(S/N: 200092605)
02 BXPDS T 1, Sump#: 1 P
(S/N: 200080154)
03 BXPDS/F T 1, Dble_Wall#: 1 P
(S/N: 210030803)
04 BXUT1 Caution Level P
(S/N: 500031027)

S# = SENSOR NUMBER, P/N = PART NUMBER,
T# = TANK, S/I# = SENSOR SERIAL NUMBER,
P = PASS, A = ALARM, F = FAIL, NR = NO REPLY

APPENDIX E
CARS STORED ON SITE (BY MONTH)

ATLANTIC CENTRAL STORAGE

6/30/2011

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI
ATLANTIC HYUNDAI	277	0
ADVANTAGE TOYOTA	160	0
ATLANTIC AUDI	40	0
ATLANTIC CADDY	99	0
ATLANTIC CHEVY	113	0
HUNTINGTON TOYOTA	148	0
ATLANTIC NISSAN	484	0
ATLANTIC TOYOTA	310	0
ATLANTIC HONDA	240	0
LEXUS OF MASSAPEQUA	0	104
LEXUS OF R.V.C	1	85
MILLENNIUM HONDA	71	0
MASSAPEQUA NISSAN	222	0
WESTBURY NISSAN	49	0
ATLANTIC VOLKSWAGEN	174	0
MILLENNIUM HYUNDAI	0	0
TOTALS	2388	189

ATLANTIC CENTRAL STORAGE

5/31/2011

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI	UNITS AT OFF LEASE
ATLANTIC HYUNDAI	544	0	0
ADVANTAGE TOYOTA	198	0	0
ATLANTIC AUDI	9	0	0
ATLANTIC CADDY	63	0	0
ATLANTIC CHEVY	133	0	25
HUNTINGTON TOYOTA	175	0	0
ATLANTIC NISSAN	492	0	0
ATLANTIC TOYOTA	428	0	0
ATLANTIC HONDA	349	0	90
LEXUS OF MASSAPEQUA	1	138	7
LEXUS OF R.V.C	1	117	7
MILLENNIUM HONDA	91	0	0
MASSAPEQUA NISSAN	237	0	0
WESTBURY NISSAN	55	0	0
ATLANTIC VOLKSWAGEN	234	0	0
TOTALS	3010	255	129

ATLANTIC CENTRAL STORAGE

April 28, 2011

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI
ATLANTIC HYUNDAI	568	0
ADVANTAGE TOYOTA	207	0
ATLANTIC AUDI	0	0
ATLANTIC CADDY	8	0
ATLANTIC CHEVY	122	0
HUNTINGTON TOYOTA	209	0
ATLANTIC NISSAN	554	0
ATLANTIC TOYOTA	469	0
ATLANTIC HONDA	509	0
LEXUS OF MASSAPEQUA	3	181
LEXUS OF R.V.C	0	177
MILLENNIUM HONDA	197	0
MASSAPEQUA NISSAN	325	0
WESTBURY NISSAN	81	0
TOTALS	3252	358

ATLANTIC CENTRAL STORAGE

March 31, 2011

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI
ATLANTIC HYUNDAI	437	0
ADVANTAGE TOYOTA	211	0
ATLANTIC AUDI	3	0
ATLANTIC CADDY	10	0
ATLANTIC CHEVY	69	0
HUNTINGTON TOYOTA	226	0
ATLANTIC NISSAN	441	0
ATLANTIC TOYOTA	416	0
ATLANTIC HONDA	675	0
LEXUS OF MASSAPEQUA	5	213
LEXUS OF R.V.C	1	174
MILLENNIUM HONDA	236	0
MASSAPEQUA NISSAN	149	0
WESTBURY NISSAN	13	0
TOTALS	2892	387

ATLANTIC CENTRAL STORAGE

February 24, 2011

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI
ATLANTIC HYUNDAI	538	0
ADVANTAGE TOYOTA	288	0
ATLANTIC AUDI	0	0
ATLANTIC CADDY	24	0
ATLANTIC CHEVY	80	0
HUNTINGTON TOYOTA	300	0
ATLANTIC NISSAN	374	0
ATLANTIC TOYOTA	316	0
ATLANTIC HONDA	702	0
LEXUS OF MASSAPEQUA	6	227
LEXUS OF R.V.C	0	171
MILLENNIUM HONDA	247	0
MASSAPEQUA NISSAN	253	0
WESTBURY NISSAN	105	0
TOTALS	3233	398

ATLANTIC CENTRAL STORAGE

January 27, 2011

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI
ATLANTIC HYUNDAI	618	0
ADVANTAGE TOYOTA	264	0
ATLANTIC AUDI	3	0
ATLANTIC CADDY	51	0
ATLANTIC CHEVY	139	0
HUNTINGTON TOYOTA	315	0
ATLANTIC NISSAN	421	0
ATLANTIC TOYOTA	326	0
ATLANTIC HONDA	539	0
LEXUS OF MASSAPEQUA	9	210
LEXUS OF R.V.C	0	161
MILLENNIUM HONDA	226	0
MASSAPEQUA NISSAN	267	0
WESTBURY NISSAN	130	0
TOTALS	3308	371