

July 23, 2012

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 2012.

Sincerely,

Alan R. Sanchez
Vice President of Operations

ARS:wc

cc: Eric M. Hofmeister, President
Anthony J. Varrichio, P.E., Chief Engineer
Fazil Rahaman, Acting Ground Waster 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
2012**

**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: 6/7/2012

Semi-Annual Inspection Storm Inspection

INSPECTION BY: Fazil Rahaman

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	

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 Rahaman

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

SOIL COVER

Semi-Annual Inspection Storm Inspection

DATE: 6/14/2012

INSPECTION BY: Fazil Rahmanan

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
B5 & F4	C	5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/> # 4	See 1st half report.
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	

PROBLEM CODE	
a	Erosion damage
b	Slope movement
c	Ponding (>10x10')
d	Holes
e	Cracking
f	Rutting of soils

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

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

Signature: _____

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

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

REVEITEMENT MATTING (RIP RAP)

DATE: 6/14/2012

Semi-Annual Inspection Storm Inspection

INSPECTION BY: Fazl Rahaman

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Side Slopes				
H1 & H5	F	-----	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> #	Monitoring.
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
Gabion Burb				
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	

PROBLEM CODE		PRIORITY 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 Reveitement 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

DATE: 6/14/2012

Semi-Annual Inspection Storm Inspection

INSPECTION BY: Fazil Rahaman

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	

PROBLEM CODE		PRIORITY 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: Fazil Rahaman

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

STORMWATER COLLECTION SYSTEM (1 of 4)

DATE: 6/14/2012

Semi-Annual Inspection Storm Inspection

INSPECTION BY: Fazil Rahaman

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Perimeter Swales				
HI & HS	K	-----	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> #	Monitoring.
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
Diversion Swales				
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	

PROBLEM CODE	
a	Vandalism
b	Slope movement
c	Silt accumulation
d	Ponded water
e	Vegetative cover
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 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 (3 of 4)

DATE: 6/14/2012

Semi-Annual Inspection Storm Inspection

INSPECTION BY: Fazil Rahaman

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Energy Dissipators				
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
Downchutes				
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	

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: 

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

STORMWATER COLLECTION SYSTEM (4 of 4)

DATE: 6/14/2012

Semi-Annual Inspection Storm Inspection

INSPECTION BY: Fazil Rahaman

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Drywells				
C5	K	-----	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> #	Monitoring. (Located on access road).
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
Culverts/ Outlets				
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	

PROBLEM CODE		
a	Vandalism	g
b	Slope movement	h
c	Silt accumulation	i
d	Ponded water	j
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: _____

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

RECHARGE BASINS

DATE: 6/14/2012

Semi-Annual Inspection Storm Inspection

INSPECTION BY: Fazl Rahaman

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Recharge Basin No. 1				
A3	A	-----	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> #	Monitoring.
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
Recharge Basin No. 2				
A5	A	-----	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> #	Monitoring.
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	

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

DATE: 6/29/2012

Semi-Annual Inspection Storm Inspection

INSPECTION BY: FPM/H2M

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Landfill Gas Monitoring Wells				
-----	-----	-----	Y <input type="checkbox"/> N <input type="checkbox"/> #	FPM reports attached.(January through June).
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
Groundwater Monitoring Wells				
-----	-----	-----	Y <input type="checkbox"/> N <input type="checkbox"/> #	H2M report attached.(September 2, 2011)
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	

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: _____

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

LANDFILL GAS COLLECTION SYSTEM

DATE: 5/31/2012

Semi-Annual Inspection Storm Inspection

INSPECTION BY: Fazil Rahaman

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
LFG Recovery Wells/ Valve Vaults				
11	E	1	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> #	
13 & 18	K	3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/> # 1	Remove dirt from within.
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
LFG Collection Wells (GCI - GC 16)				
2	E	1	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> #	
5	D	Monitoring	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> #	Sand coming up through sump opening
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	

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: _____

LOWIN OF ISLE
SONIA ROAD LANDFILL
POST CLOSURE MONITORING AND MAINTENANCE PLAN
SITE INSPECTION CHECKLIST

LANDFILL GAS COMPOUND

DATE: 6/28/2012

Semi-Annual Inspection Storm Inspection

INSPECTION BY: Fazil Rahaman

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Blower Pad/ Blower Nos, 104A and 104B				
A&B	K	Monitoring	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> #	Minor oil leak between pully and housng.
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
Flare				
			Y <input type="checkbox"/> N <input type="checkbox"/> #	USED FOR VENTING ONLY
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
Condensate Storage				
		Liquid Volume = 707 Gallons	Alarms: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Test System: OK <input checked="" type="checkbox"/> Not Successful <input type="checkbox"/>
			Y <input type="checkbox"/> N <input type="checkbox"/> #	See print out attached.
			Y <input type="checkbox"/> N <input type="checkbox"/> #	

PROBLEM CODE	
a	Odor
b	Damage
c	Vandalism
d	Mechanical noise
e	No vacuum
f	Alarms

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 Compound is acceptable, check box and sign below.

Signature: _____

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

SITE FACILITIES

Semi-Annual Inspection Storm Inspection

DATE: 6/28/2012
 INSPECTION BY: Fazil Rahaman

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Electrical Panels and Control Panels				
-----	-----	-----	Y <input type="checkbox"/> N <input type="checkbox"/> #	Lights tested: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
-----	-----	-----	Y <input type="checkbox"/> N <input type="checkbox"/> #	Inlet gas over range, reflected on digital screen. NOTE: Flare used for venting only.
Gates/ Locks/ Signs				
			Y <input type="checkbox"/> N <input type="checkbox"/> #	
Fencing (Identify location by Grid I.D.)				
E1 & F1	I	Monitoring	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> #	
A2	A	1	Y <input checked="" type="checkbox"/> N <input type="checkbox"/> # 2	Caused by motor vehicle accident.
Site Trailer				
A2	A	5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/> # 2	Caused by motor vehicle accident.

PROBLEM CODE			
a	Damage	g	Replace indicator lights
b	Vandalism	h	Tripped/ reset required
c	Alarms	i	<i>SETTLER</i>
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

DATE: 6/28/2012

Semi-Annual Inspection

Storm Inspection

INSPECTION BY:

Fazil Rahaman

ADDITIONAL COMMENTS AS REQUIRED

All gas collection wells and gas valve vaults inspected this round of inspection.

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

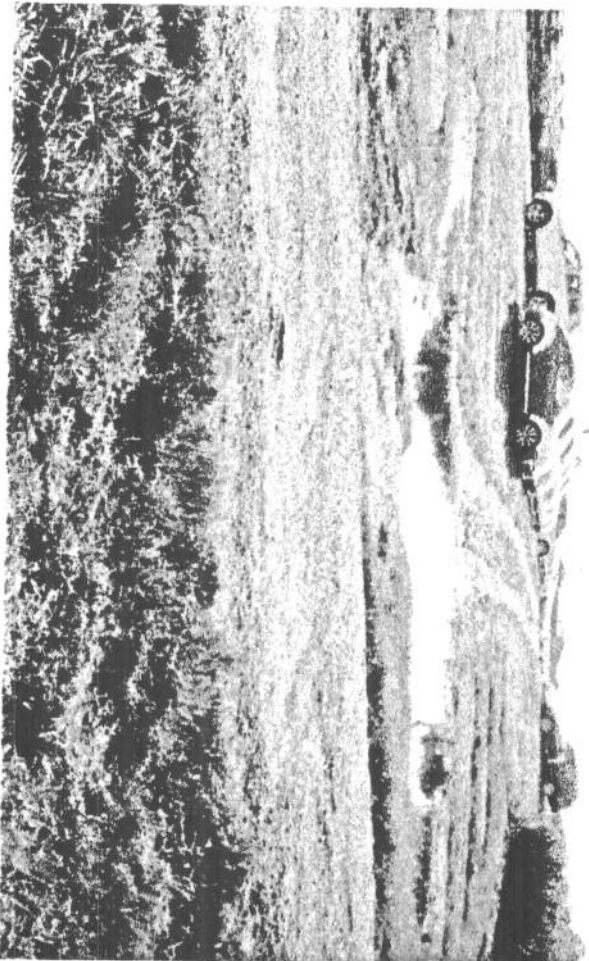
Signature:

APPENDIX A
FIELD PHOTOGRAPHS(9)

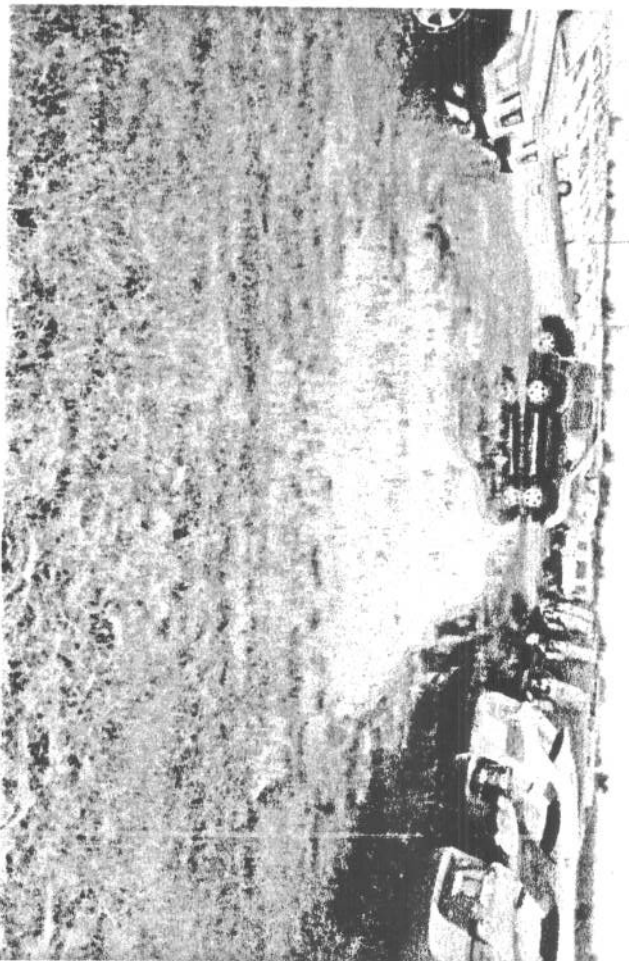
6/14/12 GRID I.O. 85



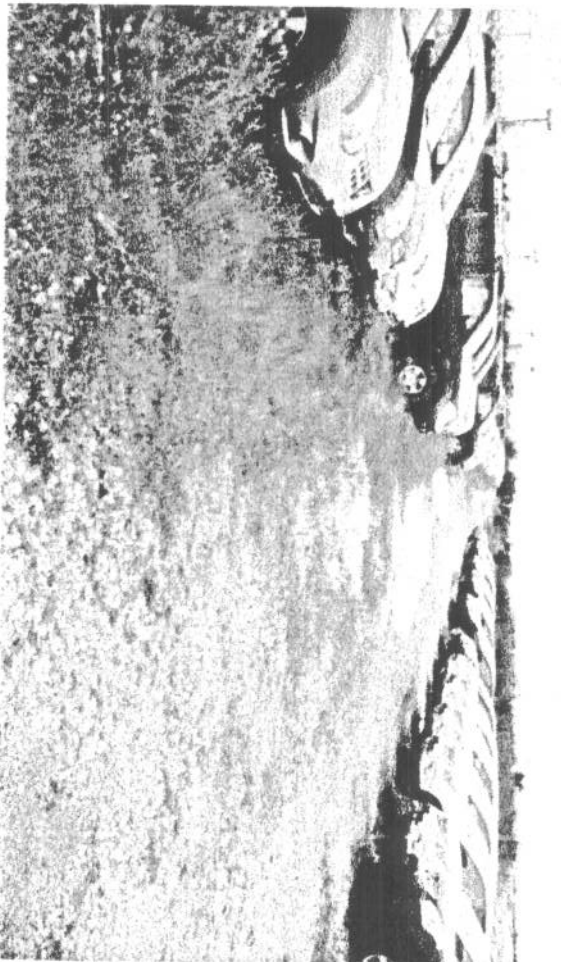
6/14/12 GRID I.O. 85



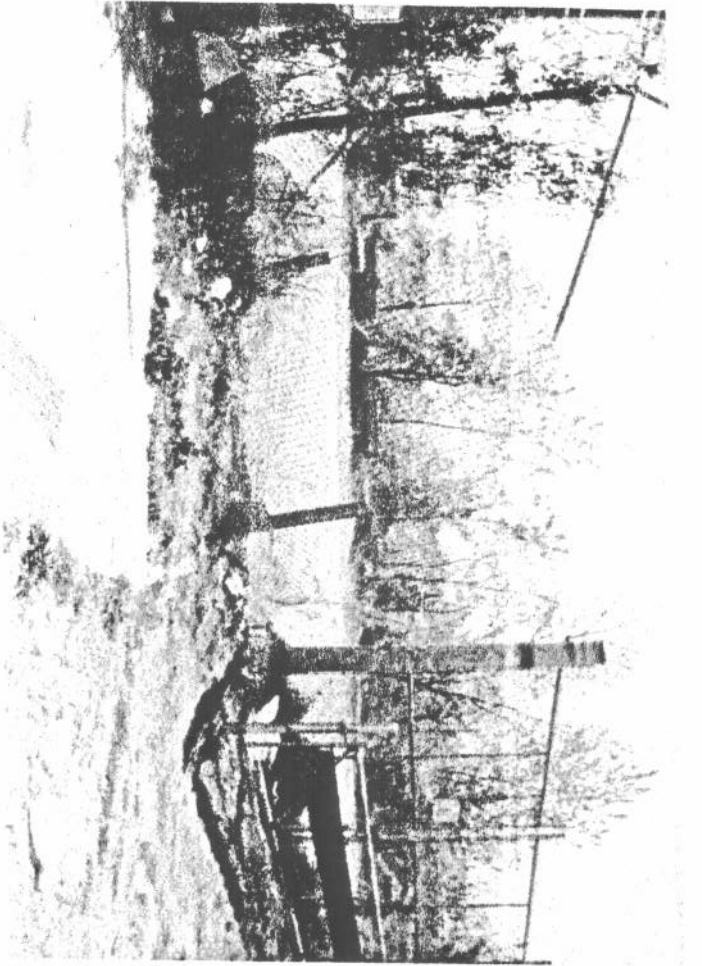
6/14/12 GRID I.O. F4



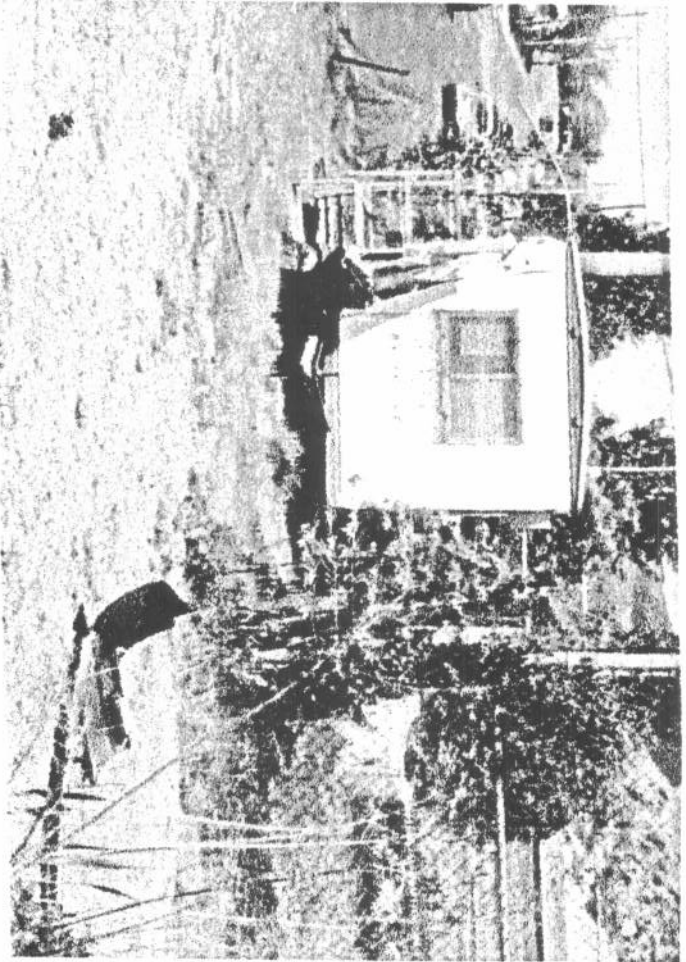
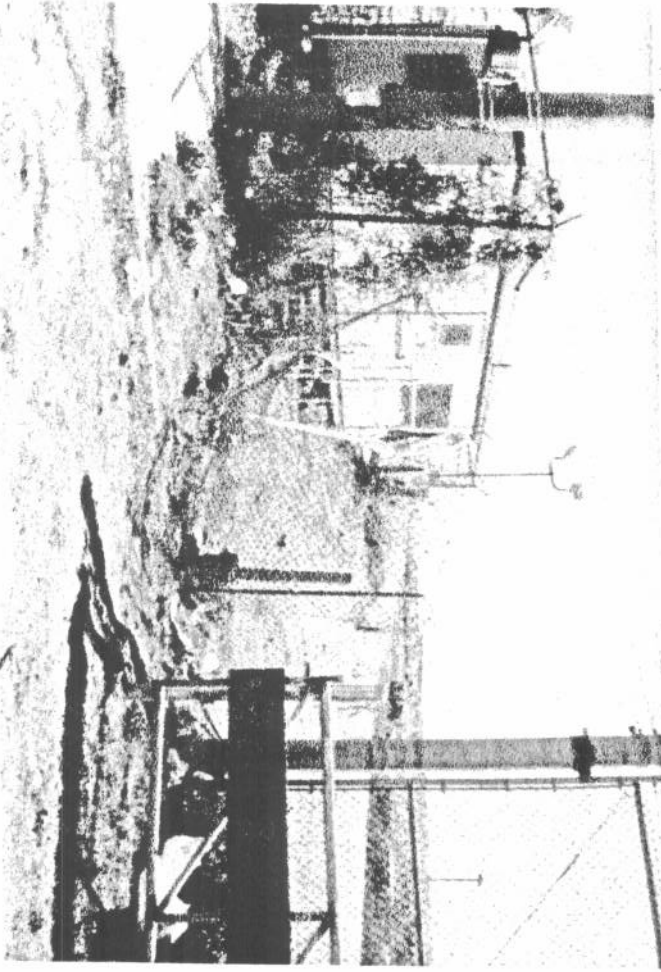
6/14/12 GRID I.O. F4



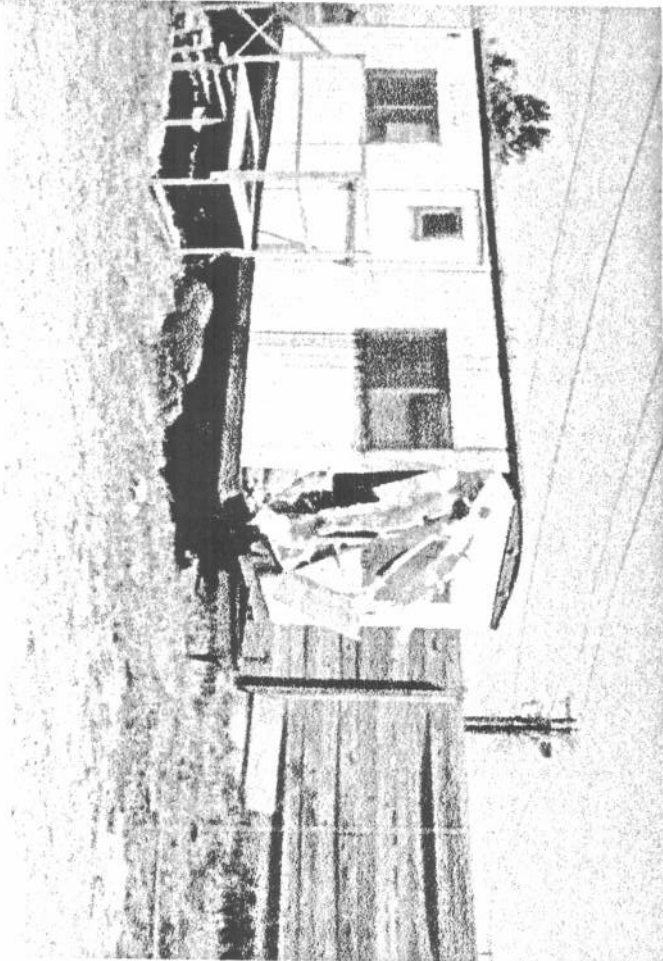
PRICE 10F3



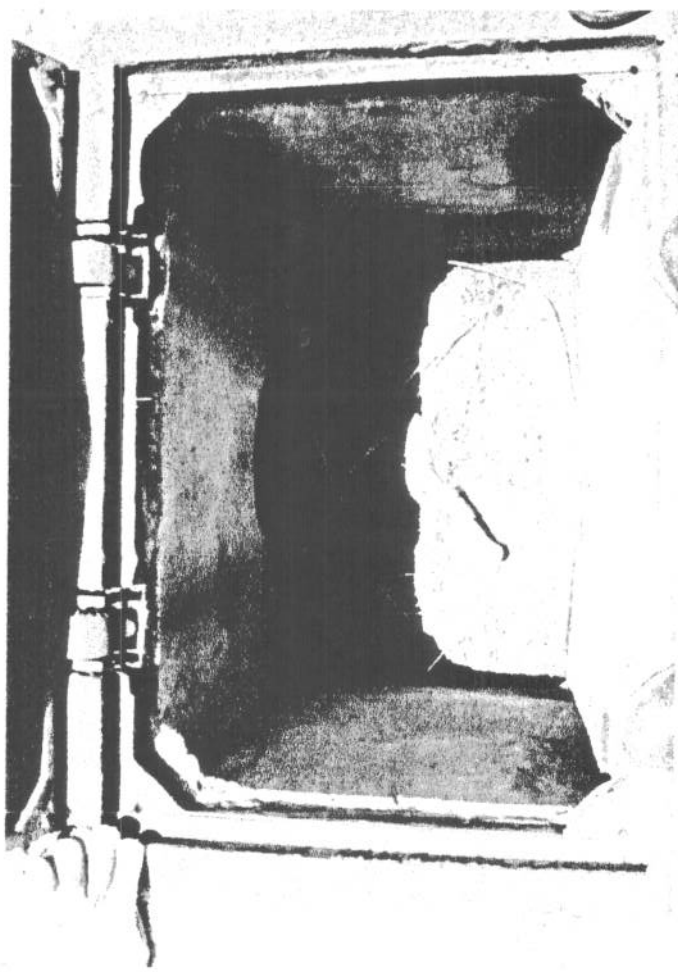
4/29/12 GRD I.O. A2 ↓



4/29/12 GRD I.O. A2 ↓



5/31/12 G-V 18



DATE 7/10/12

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

February 6, 2012

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

Re: **Sonia Road Landfill**
January 2012 Landfill Gas Monitoring Results
FPM File No. 631-12-16

Dear Mr. Sanchez:

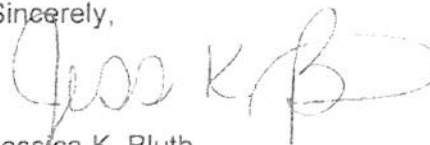
On January 10, 2012, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GEM 2000 Gas Analyzer.

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 21, 2012. 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)

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	1/10/2012 10:58	0.0	0.0	21.4	29.8	-7.97
GM-01	OK	1/10/2012 11:00	0.0	0.4	21.0	29.8	-0.01
GM-02	OK	1/10/2012 11:06	0.0	0.0	20.9	29.8	0.01
GM-03	OK	1/10/2012 11:10	0.0	0.1	21.0	29.8	0.01
GM-04	OK	1/10/2012 11:56	0.0	0.1	21.3	29.8	-0.01
GM-05	OK	1/10/2012 11:13	0.0	0.1	21.1	29.8	0.00
GM-06	OK	1/10/2012 11:16	0.0	0.2	21.1	29.8	-0.02
GM-07	OK	1/10/2012 11:20	0.0	3.1	17.0	29.8	-0.01
GM-08	OK	1/10/2012 11:23	0.0	1.4	19.4	29.8	0.00
GM-09	OK	1/10/2012 11:27	0.0	1.5	20.0	29.8	-0.01
GM-10	OK	1/10/2012 11:30	0.0	0.5	21.2	29.8	0.00
GM-11	OK	1/10/2012 11:33	0.0	0.0	21.7	29.8	-0.01
GM-12	OK	1/10/2012 11:37	0.0	0.2	21.5	29.8	-0.01
GM-13	OK	1/10/2012 11:41	0.0	1.8	19.1	29.8	0.00
GM-14	OK	1/10/2012 11:43	0.0	2.2	18.4	29.8	-0.01
GM-15	OK	1/10/2012 11:46	0.0	0.5	21.1	29.8	-0.02
GM-16	OK	1/10/2012 11:49	0.0	0.7	20.7	29.8	-0.02
GM-17	OK	1/10/2012 11:51	0.0	0.2	21.4	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 - Sunny, 45°F

FPM group _____ Engineering and Environmental Science

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 6, 2012

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

Re: **Sonia Road Landfill
February 2012 Landfill Gas Monitoring Results
FPM File No. 631-12-16**

Dear Mr. Sanchez:

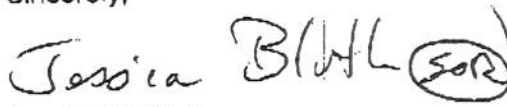
On February 23, 2012, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GEM 2000 Gas Analyzer.

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 14, 2012. 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-Lira\2012 Letters\Fbruary.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	2/23/2012 11:10	10.3	15.7	4.2	29.4	-15.94
GM-01	OK	2/23/2012 11:12	0.0	0.8	19.7	29.4	0.02
GM-02	OK	2/23/2012 11:15	0.0	1.5	19.5	29.4	-0.01
GM-03	OK	2/23/2012 11:18	0.0	0.0	20.9	29.4	-0.10
GM-04	OK	2/23/2012 12:04	0.0	0.4	20.3	29.4	0.06
GM-05	OK	2/23/2012 11:23	0.0	0.0	21.0	29.4	-0.24
GM-06	OK	2/23/2012 11:26	0.0	0.4	20.0	29.3	-0.11
GM-07	OK	2/23/2012 11:28	0.0	6.4	10.4	29.3	-0.14
GM-08	OK	2/23/2012 11:32	0.0	3.3	15.1	29.3	-0.10
GM-09	OK	2/23/2012 11:35	0.0	1.6	16.7	29.4	-0.09
GM-10	OK	2/23/2012 11:37	0.0	0.7	20.5	29.4	-0.09
GM-11	OK	2/23/2012 11:40	0.0	1.6	19.4	29.4	-0.01
GM-12	OK	2/23/2012 11:44	0.0	0.5	20.5	29.4	-0.04
GM-13	OK	2/23/2012 11:47	0.0	1.9	18.0	29.3	-0.02
GM-14	OK	2/23/2012 11:50	0.0	0.1	21.2	29.3	-0.05
GM-15	OK	2/23/2012 11:52	0.0	0.8	19.9	29.4	-0.03
GM-16	OK	2/23/2012 11:55	0.0	1.4	18.9	29.3	-0.09
GM-17	OK	2/23/2012 11:59	0.0	0.5	20.6	29.4	0.19

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 sunny, 65°F

FPM

FPM group _____ Engineering and Environmental Science

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 13, 2012

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

Re: **Sonia Road Landfill**
March 2012 Landfill Gas Monitoring Results
FPM File No. 631-12-16

Dear Mr. Sanchez:


On March 7, 2012, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GEM 2000 Gas Analyzer.

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 23, 2012. 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\Report\8onia-Ltr\2012 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	3/7/2012 11:11	8.6	13.4	7.0	30.4	-35.47
GM-01	OK	3/7/2012 11:13	0.0	0.7	20.3	30.4	0.00
GM-02	OK	3/7/2012 10:19	0.0	1.4	19.6	30.4	0.00
GM-03	OK	3/7/2012 10:22	0.0	0.2	20.8	30.4	0.00
GM-04	OK	3/7/2012 11:20	0.0	0.2	20.3	30.4	-0.05
GM-05	OK	3/7/2012 10:26	0.0	4.3	12.4	30.4	0.01
GM-06	OK	3/7/2012 10:29	0.0	0.3	20.9	30.4	0.00
GM-07	OK	3/7/2012 10:31	0.0	2.7	16.5	30.4	0.04
GM-08	OK	3/7/2012 10:34	0.0	1.0	20.1	30.4	0.00
GM-09	OK	3/7/2012 10:36	0.0	2.1	19.2	30.4	0.02
GM-10	OK	3/7/2012 10:39	0.0	0.7	21.0	30.4	0.00
GM-11	OK	3/7/2012 10:48	0.0	1.5	20.0	30.4	-0.01
GM-12	OK	3/7/2012 10:51	0.0	0.3	21.1	30.4	-0.02
GM-13	OK	3/7/2012 10:54	0.0	1.4	19.5	30.4	-0.01
GM-14	OK	3/7/2012 10:57	0.0	2.6	17.4	30.4	-0.01
GM-15	OK	3/7/2012 11:00	0.0	0.6	20.7	30.4	0.00
GM-16	OK	3/7/2012 11:02	0.0	1.2	20.0	30.4	-0.07
GM-17	OK	3/7/2012 11:06	0.0	0.5	20.8	30.4	0.05

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 - Partly cloudy, 50°F

FPM

FPM group _____ Engineering and Environmental Science

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

CORPORATE HEADQUARTERS
909 Marconi Avenue
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631/737-6200
Fax 631/737-2410

May 7, 2012

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

Re: **Sonia Road Landfill**
April 2012 Landfill Gas Monitoring Results
FPM File No. 631-12-16

Dear Mr. Sanchez:

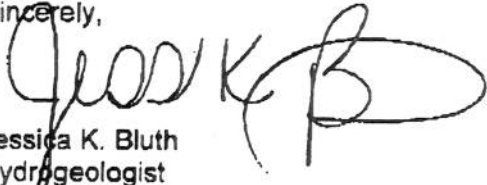
On April 13, 2012, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GEM 2000 Gas Analyzer.

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 23, 2012. 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\2012 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	4/13/2012 10:01	6.8	12.1	8.0	30.1	-35.37
GM-01	OK	4/13/2012 9:59	0.0	1.1	19.8	30.1	0.00
GM-02	OK	4/13/2012 10:04	0.0	2.4	18.4	30.1	0.00
GM-03	OK	4/13/2012 10:07	0.0	0.0	20.6	30.1	-0.04
GM-04	OK	4/13/2012 11:02	0.0	0.1	20.3	30.1	-0.08
GM-05	OK	4/13/2012 10:10	0.0	0.0	20.8	30.1	-0.21
GM-06	OK	4/13/2012 10:12	0.0	0.6	20.2	30.1	-0.08
GM-07	OK	4/13/2012 10:15	0.0	1.7	19.0	30.1	-0.05
GM-08	OK	4/13/2012 10:17	0.0	1.1	19.6	30.1	-0.10
GM-09	OK	4/13/2012 10:20	0.0	3.4	16.8	30.1	-0.09
GM-10	OK	4/13/2012 10:22	0.0	0.8	20.3	30.1	-0.06
GM-11	OK	4/13/2012 10:26	0.0	1.0	20.0	30.1	-0.03
GM-12	OK	4/13/2012 10:29	0.0	0.2	20.9	30.1	-0.12
GM-13	OK	4/13/2012 10:33	0.0	1.0	20.0	30.1	-0.06
GM-14	OK	4/13/2012 10:36	0.0	1.0	19.9	30.1	-0.09
GM-15	OK	4/13/2012 10:38	0.0	0.9	20.0	30.1	-0.08
GM-16	OK	4/13/2012 10:41	0.0	1.1	19.9	30.1	-0.16
GM-17	OK	4/13/2012 10:43	0.0	0.6	20.4	30.1	-0.12

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 - Partly cloudy, 57°F

FPM

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

CORPORATE HEADQUARTERS
905 Marconi Avenue
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631/737-6200
Fax 631/737-2410

June 11, 2012

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

Re: **Sonia Road Landfill**
May 2012 Landfill Gas Monitoring Results
FPM File No. 631-12-16

Dear Mr. Sanchez:

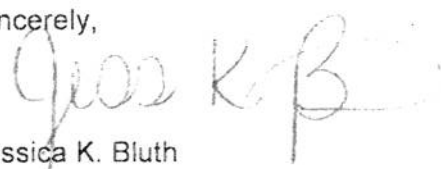
On May 30, 2012, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GEM 2000 Gas Analyzer.

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 25, 2012. 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 email)
Fazil Rahaman (via email)

S:\Islip RRA\Reports\Sonia-Ltrs\2012 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	5/30/2012 11:21	9.8	14.9	6.3	29.6	-34.98
GM-01	OK	5/30/2012 10:26	0.0	1.5	19.0	29.7	-0.01
GM-02	OK	5/30/2012 10:29	0.0	4.5	15.2	29.7	-0.05
GM-03	OK	5/30/2012 10:32	0.0	0.1	20.7	29.7	0.00
GM-04	OK	5/30/2012 11:25	0.0	1.1	18.7	29.7	-0.04
GM-05	OK	5/30/2012 10:45	0.0	0.0	20.7	29.7	-0.17
GM-06	OK	5/30/2012 10:47	0.0	1.1	19.8	29.6	-0.10
GM-07	OK	5/30/2012 10:50	0.0	3.6	16.2	29.6	-0.12
GM-08	OK	5/30/2012 10:54	0.0	2.0	18.3	29.6	-0.11
GM-09	OK	5/30/2012 10:56	0.0	2.0	18.2	29.6	-0.13
GM-10	OK	5/30/2012 10:59	0.0	1.3	19.5	29.6	-0.07
GM-11	OK	5/30/2012 11:02	0.0	2.1	18.5	29.6	0.00
GM-12	OK	5/30/2012 11:04	0.0	0.7	19.9	29.7	-0.05
GM-13	OK	5/30/2012 11:07	0.0	2.2	18.4	29.7	-0.03
GM-14	OK	5/30/2012 11:10	0.0	2.9	17.5	29.6	-0.06
GM-15	OK	5/30/2012 11:12	0.0	1.8	18.9	29.7	-0.05
GM-16	OK	5/30/2012 11:15	0.0	1.8	18.6	29.6	-0.13
GM-17	OK	5/30/2012 11:17	0.0	1.4	19.4	29.6	-0.09

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, 74°F



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

CORPORATE HEADQUARTERS
909 Marconi Avenue
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631/737-6200
Fax 631/737-2410

July 9, 2012

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

Re: **Sonia Road Landfill**
June 2012 Landfill Gas Monitoring Results
FPM File No. 631-12-16

Dear Mr. Sanchez:

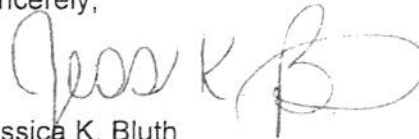
On June 22, 2012, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GEM 2000 Gas Analyzer.

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, 2012. 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 email)
Fazil Rahaman (via email)

S:\Islip RRA\Reports\Sonia-Ltrs\2012 Letters\June.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	6/22/2012 11:30	10.2	15.1	5.4	29.7	-14.42
GM-01	OK	6/22/2012 11:32	0.0	1.8	17.7	29.7	0.01
GM-02	OK	6/22/2012 11:36	0.0	5.4	12.8	29.7	-0.03
GM-03	OK	6/22/2012 11:39	0.0	0.0	19.8	29.7	-0.06
GM-04	OK	6/22/2012 13:03	0.0	1.2	17.3	29.7	-0.01
GM-05	OK	6/22/2012 11:47	0.0	0.0	19.8	29.7	-0.21
GM-06	OK	6/22/2012 11:50	0.0	1.5	18.0	29.7	-0.10
GM-07	OK	6/22/2012 11:53	0.0	5.9	10.9	29.7	-0.12
GM-08	OK	6/22/2012 12:28	0.0	2.6	16.3	29.7	-0.06
GM-09	OK	6/22/2012 12:31	0.0	2.2	16.8	29.7	-0.05
GM-10	OK	6/22/2012 12:34	0.0	1.4	18.6	29.7	-0.02
GM-11	OK	6/22/2012 12:39	0.0	2.3	17.6	29.7	0.00
GM-12	OK	6/22/2012 12:43	0.0	0.9	18.8	29.7	-0.02
GM-13	OK	6/22/2012 12:45	0.0	3.1	16.4	29.7	0.00
GM-14	OK	6/22/2012 12:48	0.0	3.0	16.1	29.7	-0.02
GM-15	OK	6/22/2012 12:51	0.0	2.6	16.8	29.7	-0.02
GM-16	OK	6/22/2012 12:55	0.0	1.8	17.4	29.7	-0.05
GM-17	OK	6/22/2012 12:58	0.0	1.9	17.8	29.7	-0.05

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 - Partly cloudy, 92°F



APPENDIX C
GROUNDWATER WELL CONDITION REPORT



architects + engineers

175 Pinelawn Road, Stee 308 tel 631.756.8000
Melville, NY 11747 fax 631.393.6322

September 2, 2011

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

Re: Well Condition Report, 2011 Report
Sonia Road Landfill
H2M No. ISLP1001

Dear Mr. Varrichio:

The purpose of this letter is to provide the 2011 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 10 wells. The following concerns were noted during the inspection:

- The rubber gasket on the vault for monitoring well MW-06I was damaged.
- The PVC casings for monitoring wells MW-14I and MW-14D appeared to have been cut, and may need to be resurveyed.
- The manhole cover for monitoring well MW-13S was missing.
- The manhole cover and J-plug were not fitting completely flush on monitoring well MW-1D.
- The locks on wells MW-03D, MW-11D, MW-11I, MW-11S, and MW-13I are missing.

If you have any questions or require any additional information, please call me at (631) 756-8000, extension 1484.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.


Christopher J. Flynn
Senior Project Manager

Enclosures

X:\ISLP (Town of Islip) - 10560\2010\Sonia Rd 2010\Final Report\2011\2011 Well Condition Report

Table 1
WELL INSPECTION SUMMARY - 2011
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-011	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-01D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-021	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-02D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-03S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-031	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-03D	Intact	Intact	No	Straight	Marked	Yes	Yes
MW-04S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-041	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-04D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-05S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-051	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-05D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-06S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-061	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-06D	Intact	Gasket damaged	Yes	Straight	Marked	Yes	Yes
MW-07S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-071	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-07D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-10S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-101	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-10D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-11S	Intact	Intact	No	Straight	Marked	Yes	Yes
MW-111	Intact	Intact	No	Straight	Marked	Yes	Yes
MW-11D	Intact	Intact	No	Straight	Marked	Yes	Yes
MW-12S	Intact	Intact	No	Straight	Marked	Yes	Yes
MW-121	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-12D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-13S	Intact	Missing manhole cover	Yes	Slightly Tilted	Marked	Yes	Yes
MW-131	Intact	Intact	Yes	Straight	Marked	Yes	No
MW-13D	Intact	Intact	No	Straight	Marked	Yes	Yes
MW-14S	Intact	Intact	Yes	Slightly Tilted	Marked	Yes	Yes
MW-141	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-14D	Intact	Intact	Yes	Straight	Unmarked	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#: ELO18627
VER 4.22 PR 030603
JUN 28, 2012 08:02 AM

---OMNTEC PROBE
TH 06/28/12 08:02:12
Tank 1
Product Type: Leachate
Product Height: 7.48(In)
Water: 1.29(In)
Gross Volume: 327.23(G)
T.C.: 284.23(G)
Water: 42.48(G)
Ullage: 5501.77(G)
TEMP.: 64.00(°F)

*STICK MEASURED
CONDENSATE TANK
2 3/8 = 707 GRL*

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

---SITE INFORMATION:
Name:Town Of Islip
Addr:SONIA ROAD LANDFILL
ID#: ELO18627
VER 4.22 PR 030603
JUN 28, 2012 08:02 AM

---Testing PROM
PROM Tests OK

---Testing RAM PASSED
---Parameter Flash Used 0.79%

---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 BXPOS T 1,Sump#: 2 P
(S/N: 200113631)
02 BXPOS T 1,Sump#: 1 P
(S/N: 200080154)
03 BXPDWF 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/N= SENSOR SERIAL NUMBER,
P=PASS, A=ALARM, F=FAIL, NR=NO REPLY

APPENDIX E
CARS STORED ON SITE(6)

ATLANTIC CENTRAL STORAGE

1/31/2012

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI
WESTBURY NISSAN	86	0
ADVANTAGE TOYOTA	111	0
ATLANTIC AUDI	31	0
ATLANTIC CADDY	64	0
ATLANTIC CHEVY	144	118
ATLANTIC HONDA	332	78
ATLANTIC HYUNDAI	447	0
ATLANTIC NISSAN	596	0
ATLANTIC TOYOTA	269	0
ATLANTIC VOLKSWAGEN	75	0
HUNTINGTON CHEVY	9	0
HUNTINGTON TOYOTA	121	0
LEXUS OF MASSAPEQUA	0	102
LEXUS OF R.V.C	0	110
MILLENNIUM HONDA	85	0
MILLENNIUM HYUNDAI	0	0
MASSAPEQUA NISSAN	340	0
VALLEY STREAM HYUNDAI	0	0

TOTALS

2710

408

ATLANTIC CENTRAL STORAGE

3/1/2012

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI
WESTBURY NISSAN	136	0
ADVANTAGE TOYOTA	101	0
ATLANTIC AUDI	25	0
ATLANTIC CADDY	68	4
ATLANTIC CHEVY	156	144
ATLANTIC HONDA	614	0
ATLANTIC HYUNDAI	602	0
ATLANTIC NISSAN	607	0
ATLANTIC TOYOTA	178	0
ATLANTIC VOLKSWAGEN	63	0
HUNTINGTON CHEVY	0	0
HUNTINGTON TOYOTA	145	0
LEXUS OF MASSAPEQUA	0	102
LEXUS OF R.V.C	0	96
MILLENNIUM HONDA	138	0
MILLENNIUM HYUNDAI	0	20
MASSAPEQUA NISSAN	352	0
VALLEY STREAM HYUNDAI	0	90

TOTALS

3185

456

ATLANTIC CENTRAL STORAGE

4/5/2012

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI
WESTBURY NISSAN	249	0
ADVANTAGE TOYOTA	151	0
ATLANTIC AUDI	40	0
ATLANTIC CADDY	58	0
ATLANTIC CHEVY	84	0
ATLANTIC HONDA	612	0
ATLANTIC HYUNDAI	448	0
ATLANTIC NISSAN	512	0
ATLANTIC TOYOTA	261	0
ATLANTIC VOLKSWAGEN	94	0
HUNTINGTON CHEVY	0	0
HUNTINGTON TOYOTA	162	0
LEXUS OF MASSAPEQUA	0	142
LEXUS OF R.V.C	0	137
MILLENNIUM HONDA	209	0
MILLENNIUM HYUNDAI	0	0
MASSAPEQUA NISSAN	351	0
VALLEY STREAM HYUNDAI	0	0

TOTALS

3231

279

ATLANTIC CENTRAL STORAGE

4/30/2012

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI
WESTBURY NISSAN	168	0
ADVANTAGE TOYOTA	288	0
ATLANTIC AUDI	51	0
ATLANTIC CADDY	47	0
ATLANTIC CHEVY	46	0
ATLANTIC DODGE	0	0
ATLANTIC HONDA	720	0
ATLANTIC HYUNDAI	800	0
ATLANTIC NISSAN	475	0
ATLANTIC TOYOTA	191	0
ATLANTIC VOLKSWAGEN	139	0
HUNTINGTON CHEVY	0	0
HUNTINGTON TOYOTA	159	0
LEXUS OF MASSAPEQUA	0	198
LEXUS OF R.V.C	0	192
MILLENNIUM HONDA	163	0
MILLENNIUM HYUNDAI	0	0
MASSAPEQUA NISSAN	374	0
VALLEY STREAM HYUNDAI	0	0
TOTALS	3621	390

ATLANTIC CENTRAL STORAGE

5/31/2012

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI
WESTBURY NISSAN	101	0
ADVANTAGE TOYOTA	391	0
ATLANTIC AUDI	35	0
ATLANTIC CADDY	34	0
ATLANTIC CHEVY	60	0
ATLANTIC DODGE	13	0
ATLANTIC HONDA	536	0
ATLANTIC HYUNDAI	686	0
ATLANTIC NISSAN	558	0
ATLANTIC TOYOTA	202	0
ATLANTIC VOLKSWAGEN	129	0
HUNTINGTON CHEVY	0	0
HUNTINGTON TOYOTA	118	0
LEXUS OF MASSAPEQUA	0	134
LEXUS OF R.V.C	0	120
MILLENNIUM HONDA	139	0
MILLENNIUM HYUNDAI	45	0
MASSAPEQUA NISSAN	391	0
VALLEY STREAM HYUNDAI	7	0

TOTALS

3445

254

ATLANTIC CENTRAL STORAGE

6/28/2012

DEALERSHIPS	UNITS ON HILL	UNITS AT LEXUS PDI
WESTBURY NISSAN	63	0
ADVANTAGE TOYOTA	372	0
ATLANTIC AUDI	27	0
ATLANTIC CADDY	48	0
ATLANTIC CHEVY	120	0
ATLANTIC DODGE	47	0
ATLANTIC HONDA	491	0
ATLANTIC HYUNDAI	610	0
ATLANTIC NISSAN	627	0
ATLANTIC TOYOTA	241	0
ATLANTIC VOLKSWAGEN	125	0
HUNTINGTON CHEVY	0	0
HUNTINGTON TOYOTA	202	0
LEXUS OF MASSAPEQUA	0	163
LEXUS OF R.V.C	0	127
MILLENNIUM HONDA	149	0
MILLENNIUM HYUNDAI	5	0
MASSAPEQUA NISSAN	372	0
VALLEY STREAM HYUNDAI	6	0

TOTALS

3505

290