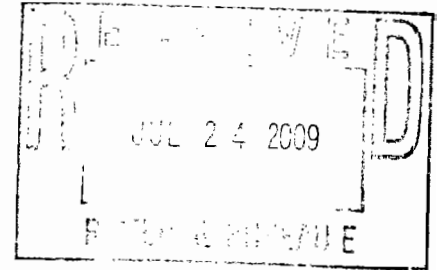




July 22, 2009

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:

Attached please find the Second Quarter Sonia Road Post Closure Monitoring Report for 2009. Also included (as Appendices A, B, & C) are 1) field photographs; 2) the April, May, & June 2009 Gas Migration Monitoring Report; and 3) the total number of cars stored on site. There is no well condition report for this quarter as there has been a State-approved change in the reporting frequency for such (see Appendix D).

If there are any questions please contact me at (631) 224-5645.

Sincerely,

Robert M. Brick
Executive Assistant to the Agency President

cc: Christopher A. Andrade, President
Anthony J. Varrichio, P.E., Chief Engineer
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**

**APRIL THROUGH JUNE
2009**

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

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19 MARCH 2009 NYSDEC CORRESPONDENCE.....	Appendix D

SITE INSPECTION CHECKLIST



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

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

Vegetative Cover

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIOTITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:

PROBLEM CODE	
E	Litter
F	Others

PRIORITY CODE	
4	Correct within 3 months
8	Other

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



Signature Robert M. D'ich



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

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

Soil Cover

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIOTITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
B4	C	7			06/02/2009	Fazil Rahaman
F1	C	7			06/02/2009	Fazil Rahaman
F2	C	7			06/02/2009	Fazil Rahaman

PROBLEM CODE
C Ponding (>10'x10')

PRIORITY CODE
7 Being Monitored

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

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

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

Revetment Matting

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIOTITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
B3	J	4			06/02/2009	Fazil Rahaman
B3	L	4			06/02/2009	Fazil Rahaman
C5	B	7			06/02/2009	Fazil Rahaman
C5	F	7			06/02/2009	Fazil Rahaman
E5	B	7			06/02/2009	Fazil Rahaman
F5	B	7			06/02/2009	Fazil Rahaman
G5	B	7			06/02/2009	Fazil Rahaman
H1.H5	B	7			06/02/2009	Fazil Rahaman

PROBLEM CODE	
B	Slope movement
F	Settlement
J	Damaged baskets
L	Depression

PRIORITY CODE	
4	Correct within 3 months
7	Being Monitored

If entire site Revetment Matting is acceptable , check box and sign

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

TOWN OF ISLIP SONIA ROAD LANDFILL

POST CLOSURE MONITORING AND MAINTENANCE PLAN SITE INSPECTION CHECK LIST

Access roads

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIOTITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
A3	E	4		Between fence & access rd.	06/02/2009	Fazil Rahaman
A4	C	7			06/02/2009	Fazil Rahaman
B5	C	7			06/02/2009	Fazil Rahaman
C5	F	7		Around dry well located in road way.	06/02/2009	Fazil Rahaman
E1	I	7		Also fence movement.	06/02/2009	Fazil Rahaman
F1	I	7			06/02/2009	Fazil Rahaman
F5	I	7			06/02/2009	Fazil Rahaman
G1	E	7		Between fence & access rd.	06/02/2009	Fazil Rahaman
G5	I	7			06/02/2009	Fazil Rahaman
H5	C	7			06/02/2009	Fazil Rahaman

PROBLEM CODE	
C	Potholes
E	Erosion gullies
F	Loss of stone cover
I	Depressions

PRIORITY CODE	
4	Correct within 3 months
5	Correct within 6 months
7	Being Monitored

If entire site Access roads is acceptable , check box and sign

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

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

Stormwater collection system 1 of 4

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIORITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
B2	L	4		Woody veg. in drainage swale.	06/02/2009	Fazil Rahaman
E1	F	4		Silt & sand accumulation by culverts.	06/02/2009	Fazil Rahaman
G4	E	4		Around drainage structure.	06/02/2009	Fazil Rahaman
H1	E	4		Around drainage structure.	06/02/2009	Fazil Rahaman
H4	E	4		Around drainage structure.	06/02/2009	Fazil Rahaman

PROBLEM CODE	
D	Ponded water
E	Vegetative cover
F	Debris/clogging
L	Others

PRIORITY CODE	
1	Immediate
4	Correct within 3 months
5	Correct within 6 months
7	Being Monitored

If entire site Stormwater collection system 1 of 4 is acceptable ,
check box and sign

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

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

Stormwater collection system 2 of 4

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIORITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
B4	L	4			06/18/2009	Fazil Rahaman
C4	F	4			06/18/2009	Fazil Rahaman

PROBLEM CODE	
F	Debris/clogging
L	Woody vegetation

PRIORITY CODE	
4	Correct within 3 months

If entire site Stormwater collection system 2 of 4 is acceptable , check box and sign

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

TOWN OF ISLIP SONIA ROAD LANDFILL

POST CLOSURE MONITORING AND MAINTENANCE PLAN SITE INSPECTION CHECK LIST

Stormwater collection system 3 of 4

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIOTITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
B4	L	4			06/18/2009	Fazil Rahaman

PROBLEM CODE	PRIORITY CODE
L Woody Vegetation	4 Correct within 3 months

If entire site Stormwater collection system 3 of 4 is acceptable ,
check box and sign

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

TOWN OF ISLIP
SONIA ROAD LANDFILL

POST CLOSURE MONITORING AND MAINTENANCE PLAN SITE INSPECTION CHECK LIST

Stormwater collection system 4 of 4

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIOTITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
D1	C	4			06/18/2009	Fazil Rahaman
H1	E	4			06/18/2009	Fazil Rahaman

PROBLEM CODE	
C	Silt accumulation
E	Vegetative cover
K	Others

PRIORITY CODE	
4	Correct within 3 months

If entire site Stormwater collection system 4 of 4 is acceptable ,
check box and sign

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

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

Recharge basins

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIOTITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
A3	G	4		Woody veg. on access rd.	06/02/2009	Fazil Rahaman
A5	G	4		Woody veg. on access rd.	06/02/2009	Fazil Rahaman

PROBLEM CODE	
A	Vegetation
G	Others

PRIORITY CODE	
4	Correct within 3 months

If entire site Recharge basins is acceptable , check box and sign

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

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

Monitoring wells

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIORITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
MW-06D	C	7		Erosion around precast.	06/18/2009	Fazil Rahaman
MW-06I	C	7		Erosion around precast.	06/18/2009	Fazil Rahaman
MW-06S	C	7		Erosion around precast.	06/18/2009	Fazil Rahaman
GM13	C	8		See FPM report - attached.	06/18/2009	Fazil Rahaman
GM14	C	8		See FPM report - attached.	06/18/2009	Fazil Rahaman
GM5	C	8		See FPM report - attached.	06/18/2009	Fazil Rahaman
GM7	C	8		See FPM report - attached.	06/18/2009	Fazil Rahaman

PROBLEM CODE	
A	Damage
C	Settlement
E	Gasket Damage
F	Others

PRIORITY CODE	
3	Correct within 1 month
4	Correct within 3 months
7	Being Monitored
8	Other

If entire site Monitoring wells is acceptable , check box and sign

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

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

Landfill gas collection system

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIORITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
GC2	D	7	1	Header pipe off center.	06/18/2009	Fazil Rahaman
GC3	N	1	1	Pumped out approx. 2' standing H2O.	06/18/2009	Fazil Rahaman
GC5	D	7	1	Sand percolating through sump opening.	06/18/2009	Fazil Rahaman
GC6	D	1	2	Open/shut valve approx. 1" below precast & PVC riser booth touching sump opening.	06/18/2009	Fazil Rahaman
GC8	D	7	1	PVC riser booth close to sump opening.	06/18/2009	Fazil Rahaman
Vault 11	D	4	1	Removed percolating sand/dirt.	06/18/2009	Fazil Rahaman
Vault 13	N	1	1	Pumped out approx. 18" standing H2O.	06/18/2009	Fazil Rahaman
Vault 14	D	4	1	Removed percolating sand/dirt.	06/18/2009	Fazil Rahaman

PROBLEM CODE	
D	Settlement
K	Soil erosion around
N	Others

PRIORITY CODE	
1	Immediate
4	Correct within 3 months
7	Being Monitored
8	Other

If entire site Landfill gas collection system is acceptable , check box and sign

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

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

Landfill gas compound

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIORITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
Blower	J	4		104 A&B; 1 vacuum, 2 outlet gauge 104A; Between pulley & housing. 104B; Out of service (electrical concerns).	06/24/2009	Fazil Rahaman
Blower	K	7			06/24/2009	Fazil Rahaman
Blower	M	1			06/24/2009	Fazil Rahaman
Flare	M	8		Used for venting only.	06/24/2009	Fazil Rahaman

PROBLEM CODE	
F	Alarms
J	Gauges
K	Oil leak
M	Others

PRIORITY CODE	
1	Immediate
4	Correct within 3 months
7	Being Monitored
8	Other

If entire site Landfill gas compound is acceptable , check box and sign

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

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

Site facilities

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIORITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
Flare Control Panel	L	7		"Inlet Gas High Temp." on digital screen. (NOTE: FLARE USED FOR VENTING ONLY).	06/24/2009	Fazil Rahaman
Storage Tank Leak	L	4		Alarm mode (Pipe containment chamber 1).	06/24/2009	Fazil Rahaman
System Panel	L	4		Alarm mode (see above).	06/24/2009	Fazil Rahaman
E1	K	7			06/24/2009	Fazil Rahaman
F1	K	7			06/24/2009	Fazil Rahaman
H4	A	1			06/24/2009	Fazil Rahaman

PROBLEM CODE	
A	Damage
G	Replace indicator lights
J	Slope Movement
K	Fence Movement
L	Others

PRIORITY CODE	
1	Immediate
4	Correct within 3 months
7	Being Monitored

If entire site Site facilities is acceptable , check box and sign

Signature _____



SITE Inspection Checklist Report

07/21/2009 4:35:05PM

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

General Comments

Report Date: 07/21/2009

GRID NO	PROBLEM CODE	PRIORITY CODE	PHOTO	COMMENTS	DATE	INSPECTED BY:
PROBLEM CODE			PRIORITY CODE			

If entire site General Comments is acceptable , check box and sign



Signature Robert M. Dorch

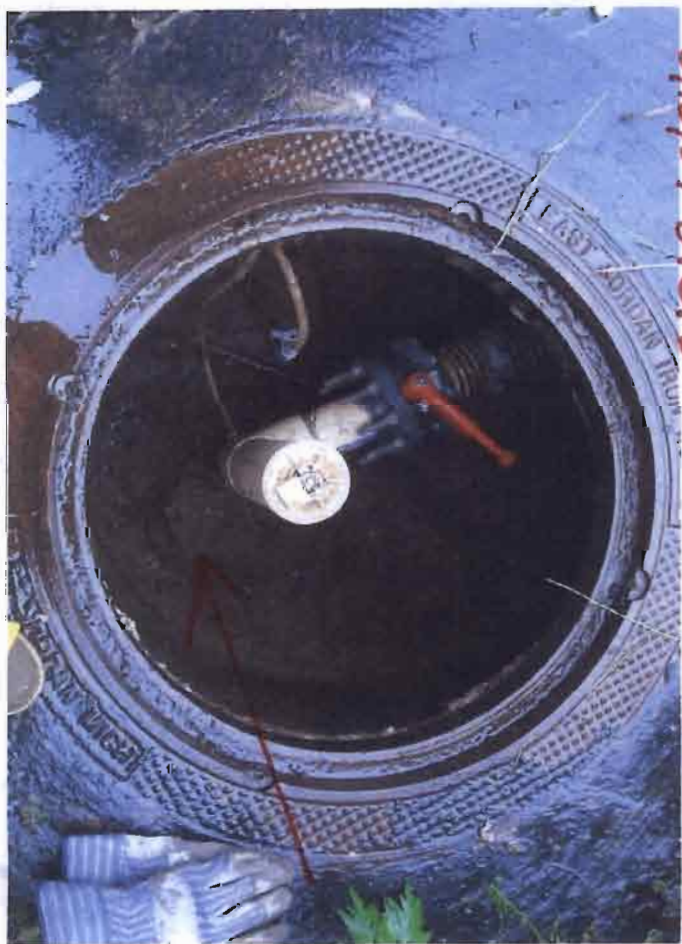
APPENDIX A
FIELD PHOTOGRAPHS



Chloro G.C.2



Chloro G.C.3



Chloro G.C.5



Chloro G.C.6

10F3



Слешоу G.C. 8



Слешоу G.V. 13



Слешоу G.C. 6



Слешоу G.V. 11 саводнаг перакартагича вагана.

20F3



cell 109 G-V-14 SAND PERCOLATION UPWARD

APPENDIX B
GAS MIGRATION MONITORING

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

May 1, 2009

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

Re: **Sonia Road Landfill**
April 2009 Landfill Gas Monitoring Results
FPM File No. 631-08-11

Dear Mr. Sanchez:

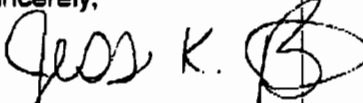
On April 27, 2009, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GA-90 Gas Analyzer, model GA1/1.

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 18, 2009. Thomas Dudo 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: Thomas Dudo (via fax)
Fazil Rahaman (via fax)

\\fpm\clients\Islip_RR\RR\reports\Boris-fra\2009 letters\April.doc

**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	4/27/2009 12:05	4.6	12.2	7.5	30.3	4.10
GM-01	OK	4/27/2009 12:08	0.0	1.0	18.0	30.3	0.00
GM-02	OK	4/27/2009 12:14	0.0	2.1	18.3	30.2	-0.10
GM-03	OK	4/27/2009 12:18	0.0	0.1	18.9	30.2	-0.30
GM-04	OK	4/27/2009 13:24	0.0	0.2	18.8	30.2	0.00
GM-05	*	4/27/2009 12:24	0.0	0.6	18.2	30.2	-0.40
GM-06	OK	4/27/2009 12:31	0.0	0.3	18.8	30.2	-0.20
GM-07	*	4/27/2009 12:35	0.0	0.3	18.6	30.2	-0.20
GM-08	OK	4/27/2009 12:40	0.0	0.1	18.9	30.2	-0.10
GM-09	OK	4/27/2009 12:43	0.0	0.9	18.2	30.2	-0.10
GM-10	OK	4/27/2009 12:47	0.0	0.1	18.8	30.2	0.00
GM-11	OK	4/27/2009 12:50	0.0	1.1	17.8	30.2	0.00
GM-12	OK	4/27/2009 12:55	0.0	0.2	18.7	30.2	0.00
GM-13	*	4/27/2009 12:59	0.0	1.1	17.9	30.2	0.00
GM-14	*	4/27/2009 13:03	0.0	1.0	18.0	30.2	0.30
GM-15	OK	4/27/2009 13:07	0.0	0.3	18.0	30.2	0.30
GM-16	OK	4/27/2009 13:13	0.0	0.8	18.0	30.2	-0.10
GM-17	OK	4/27/2009 13:16	0.0	0.5	18.5	30.2	-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

Weather - Clear, 78°F

* Exterior casing is obstructed by well and will not close.

FPM

FPM group _____ Engineering and Environmental Science

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

CORPORATE HEADQUARTERS
908 Marconi Avenue
Ronkonkoma, NY 11779
831/737-6200
Fax 831/737-2410

June 3, 2009

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

Re: **Sonia Road Landfill**
May 2009 Landfill Gas Monitoring Results
FPM File No. 631-08-11

Dear Mr. Sanchez:

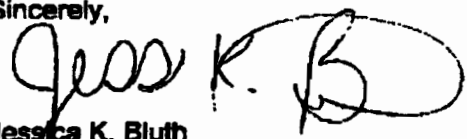
On May 27, 2009, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GA-90 Gas Analyzer, model GA1/1.

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 22, 2009. Thomas Dudo 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, particularly wells GM-02, GM-03 and GM-11.

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: Thomas Dudo (via fax)
Fazil Rahaman (via fax)

\\fpm\clients\pulp\RR\Resorts\Sonia-srn2009\letters\May.doc

**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	5/27/2009 12:09	0.0	0.1	19.2	30.0	-40.30
GM-01	OK	5/27/2009 12:12	0.0	1.0	18.3	29.9	0.00
GM-02	OK	5/27/2009 12:19	0.0	4.0	12.3	29.9	-0.10
GM-03	OK	5/27/2009 12:26	0.0	0.1	18.9	29.9	-0.20
GM-04	OK	5/27/2009 14:00	0.0	0.3	18.4	29.9	0.00
GM-05	*	5/27/2009 12:34	0.0	1.6	17.8	29.9	-0.40
GM-06	OK	6/27/2009 12:41	0.0	1.3	16.5	29.9	-0.20
GM-07	*	5/27/2009 12:49	0.0	0.7	18.5	29.9	-0.20
GM-08	OK	5/27/2009 12:57	0.0	0.1	18.9	29.9	-0.10
GM-09	OK	5/27/2009 13:07	0.0	2.5	14.5	29.9	-0.10
GM-10	OK	5/27/2009 13:13	0.0	0.3	18.6	29.9	0.00
GM-11	OK	5/27/2009 13:17	0.0	0.8	17.9	29.9	-0.10
GM-12	OK	5/27/2009 13:21	0.0	0.7	18.2	29.9	0.00
GM-13	*	5/27/2009 13:29	0.0	1.5	17.7	29.9	-0.20
GM-14	*	5/27/2009 13:35	0.0	2.5	15.3	29.9	0.00
GM-15	OK	5/27/2009 13:41	0.0	0.2	18.6	29.9	-0.20
GM-16	OK	5/27/2009 13:46	0.0	2.4	14.4	29.9	0.00
GM-17	OK	5/27/2009 13:52	0.0	1.2	17.8	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, light drizzle, 60°F

* Exterior casing is obstructed by well and will not close.

FPM



Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fenning, Phillips and Mather

CORPORATE HEADQUARTERS
909 Mercant Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-3410

June 29, 2009

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

Re: **Sonia Road Landfill**
June 2009 Landfill Gas Monitoring Results
FPM File No. 631-08-11

Dear Mr. Sanchez:

On June 24, 2009, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GA-80 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 21, 2009. Thomas Dudo 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: Thomas Dudo (via fax)
Fazil Rahman (via fax)

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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	6/24/2009 11:31	0.0	0.1	18.8	29.7	-39.80
GM-01	OK	6/24/2009 11:33	0.0	1.0	17.8	29.7	0.00
GM-02	OK	6/24/2009 11:39	0.0	6.2	6.2	29.7	-0.20
GM-03	OK	6/24/2009 11:50	0.0	0.1	18.3	29.7	-0.20
GM-04	OK	6/24/2009 13:20	0.0	0.3	18.2	29.6	0.00
GM-05	*	6/24/2009 12:01	0.0	1.1	17.3	29.6	-0.50
GM-06	OK	6/24/2009 12:06	0.0	0.6	18.2	29.6	-0.20
GM-07	*	6/24/2009 12:11	0.0	1.2	17.7	29.6	-0.30
GM-08	OK	6/24/2009 12:19	0.0	0.1	18.5	29.6	-0.20
GM-09	OK	6/24/2009 12:25	0.0	1.9	17.0	29.6	-0.20
GM-10	OK	6/24/2009 12:30	0.0	0.3	18.2	29.6	-0.10
GM-11	OK	6/24/2009 12:34	0.0	2.5	16.2	29.6	0.00
GM-12	OK	6/24/2009 12:42	0.0	0.6	17.9	29.6	-0.10
GM-13	*	6/24/2009 12:46	0.0	1.5	17.2	29.6	0.00
GM-14	*	6/24/2009 12:52	0.0	1.7	16.7	29.6	0.00
GM-15	OK	6/24/2009 12:57	0.0	0.1	18.3	29.6	-0.10
GM-16	OK	6/24/2009 13:02	0.0	2.1	16.3	29.6	-0.20
GM-17	OK	6/24/2009 13:09	0.0	1.3	17.6	29.6	-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

Weather - Overcast, 70°F

* Exterior casing is obstructed by well and will not close.

FPM

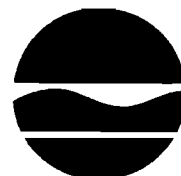
**APPENDIX C
CARS STORED ON SITE**

CAR COUNT 7/03/09

<u>Dealership</u>	<u>Car Count</u>
Atlantic Nissan	256
Atlantic Hyundai	563
Atlantic Honda	378
Atlantic Toyota	166
Atlantic Chevy	18
Atlantic Caddy	8
Atlantic Audi	32
Millennium Honda	294
Advantage Toyota	149
Advantage Nissan	55
Advantage Hyundai	1
Massapequa Nissan	174
Huntington Toyota	127
<u>LEXUS PDI</u>	
Lexus Massapequa	78
Lexus RVC	72
<u>OFF LEASE</u>	
O/L Yard	528
Total Hill:	2221
Total Count:	2899

APPENDIX D
19 MARCH 2009 NYSDEC CORRESPONDENCE

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau E, 12th Floor
625 Broadway, Albany, New York 12233-7017
Phone: (518) 402-9814 • FAX: (518) 402-9819
Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

MAR 19 2009

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

RE: Site No. 1-52-013
Sonia Road Landfill Site
State Assistance Contract No. C300428
Post Closure Groundwater Monitoring Program
2008 Annual Report

Dear Mr. Varrichio:

The New York State Department of Environmental Conservation (Department) has reviewed the January 2009 Post Closure Groundwater Monitoring Program 2008 Annual Report. You recommend reducing the current sampling program from quarterly to semi-annually based on the performance of the landfill cover system.

Sampling results to date typically show downward trending or consistent parameter levels. Therefore the request to modify the October 2000 (Revised December 2001) Post Closure Monitoring and Maintenance Plan from quarterly sampling to semi-annual sampling is approved.

If you have any questions regarding this matter, please call me at (518) 402-9814.

Sincerely,

Jeffrey E. Trad, P.E.
Project Manager
Remedial Section A, Remedial Bureau E
Division of Environmental Remediation