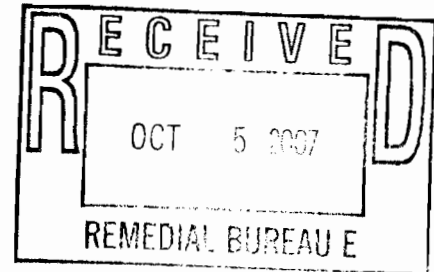




October 2, 2007

New York State Department of Environmental Conservation  
Division of Environmental Remediation  
Bureau of Construction Services  
625 Broadway, 12<sup>th</sup> 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 Third Quarter Sonia Road Post Closure Monitoring Report for 2007. Also included is the September 2007 Gas Migration Monitoring Report; the Second Quarter Groundwater Monitoring Well Condition Report as well as the total number of cars stored on site.

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

Sincerely,

Alan R. Sanchez  
Vice-President of Operations

ARS:clp

cc: Christopher A. Andrade, President  
Anthony J. Varrichio, P.E., Chief Engineer  
Francis D. Ribaud, P.E., Associate Engineer  
Joe Cosci, Construction Coordinator  
File

clp\_NYSDEC\_10-02-07\_Trad\_Rpt\_Sonia Rd 2007 3rd Quart PCMR.wpd



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

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



**POST CLOSURE  
MONITORING AND MAINTENANCE REPORT**

OCTOBER 2007

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

**TABLE OF CONTENTS**

<u>Title</u>	<u>Page</u>
<b>SITE INSPECTION CHECKLIST.....</b>	<b>1-14</b>
<b>GAS MIGRATION MONITORING.....</b>	<b>15-16</b>
<b>GROUNDWATER WELL CONDITION.....</b>	<b>16-</b>
<b>CARS STORED ON-SITE.....</b>	<b>Appendix A</b>

## **SITE INSPECTION CHECKLIST**

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

**VEGETATIVE COVER**

DATE: 9/10/07

Quarterly Inspection ☒ Storm Inspection ☐

INSPECTION BY: FAZIL RAHAMAN

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

DATE: 9/10/07

Quarterly Inspection ☒

Storm Inspection ☐

INSPECTION BY: EAZIL RAHAMAN

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 #	
			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: Eazil Rahman

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

**REVETMENT MATTING (RIP RAP)**

**DATE:** 9/10/07

Quarterly Inspection ☐ Storm Inspection ☒

**INSPECTION BY:** EAZIL RAHAMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
<b>Side Slopes</b>				
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	
<b>Gabion Curb</b>				
			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:** Eazil Rahman

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

**ACCESS ROADS**

DATE: 9/10/07

Quarterly Inspection ☒

Storm Inspection ☐

INSPECTION BY: FAZIL RAHAMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
E1 & F1	H & I	SEE MEMO	YIN#	SEE ATTACHED MEMORANDUM DATED 11/16/06 &
—	—	—	YIN#	RE: TO PHOTOS FROM 2006-4 <sup>TH</sup> & 2007-1 <sup>ST</sup> QTR. REPORTS
C5, D5, F5	G	—	YIN#	BEING MONITORED RE: TO PHOTO FROM 2007-2 <sup>ND</sup> QTR. REPORT.
			YIN#	
			YIN#	
			YIN#	
			YIN#	
			YIN#	
			YIN#	
			YIN#	

PROBLEM CODE			
a	potholes	g	depressions
b	burrow holes	h	SLIDE MOVEMENT
c	erosion gullies	i	EROSION MOVEMENT
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: 9/10/07

Quarterly Inspection ☒ Storm Inspection ☐

INSPECTION BY: FAZIL RAHAMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Perimeter Swales				
G1	G		Y/N #	BEING MONITORED RE: TO PHOTOS FROM 2007-1 <sup>ST</sup> QTR. REPORT.
E5 & F5	B		Y/N #	BEING MONITORED RE: TO PHOTOS FROM 2007-1 <sup>ST</sup> QTR. REPORT.
			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	
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:** 9/10/07

Quarterly Inspection ☒ Storm Inspection ☐

**INSPECTION BY:** FAZIL RAHAMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
<b>Inlet Structures</b>				
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
<b>Rip Rap Drainway</b>				<b>Culvert Outlets</b>
B4, C4, D4	E	4	Y/N #	REMOVE UNWANTED VEGETATION.
			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:** \_\_\_\_\_

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

**STORMWATER COLLECTION SYSTEM (3 of 4)**

**DATE:** 9/10/07

Quarterly Inspection ☒ Storm Inspection ☐

**INSPECTION BY:** FAZIL RAHAMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
<b>Energy Dissipators</b>				
			Y / N #	
			Y / N #	
			Y / N #	
			Y / N #	
<b>Downchutes</b>				
B4	L	4	Y / <del>N</del> #	
B5	M	4	Y / <del>N</del> #	
			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.

M UN-WANTED VEGETATION

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: 9/10/07

Quarterly Inspection ☒ Storm Inspection ☐

INSPECTION BY: FAZIL RAHAMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
<b>Drywells</b>				
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
<b>Culverts / Outlets</b>				
A3, A5, D1,	E	5	Y/N #	REMOVE UNWANTED VEGETATION, TO EXPOSE CULVERTS/OUTLETS
E1, G1, H1	E	5	Y/N #	SAME AS ABOVE.
G4, H4	E	5	Y/N #	SAME AS ABOVE.
			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: \_\_\_\_\_

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

**RECHARGE BASINS**

DATE: 9/10/07

Quarterly Inspection ☒ Storm Inspection ☐

INSPECTION BY: FAZIL RAHAMAN

GRID I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
<b>Recharge Basin No. 1</b>				
A3	A	4	Y/N #	ACCESS ROAD
			Y/N #	
			Y/N #	
			Y/N #	
<b>Recharge Basin No. 2</b>				
A5	A	4	Y/N #	ACCESS ROAD
			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**

DATE: 9/10/07  
INSPECTION BY: FAZIL RAHAMAN

Quarterly Inspection ☒ Storm Inspection ☐

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
<b>Landfill Gas Monitoring Wells</b>				See well condition reports prepared by Town consultants.
13 & 14	C	SEE MEMO	Y I (N) #	RE: TO ATTACHED MEMORANDUM DATED 11/16/07
			Y I N #	
			Y I N #	
			Y I N #	
<b>Groundwater Monitoring Wells</b>				See well condition reports prepared by Town consultants.
115 & 110	A & C	SEE MEMO	Y I (N) #	RE: TO D&B 2006-4 <sup>TH</sup> QTR REPORT, H2M 2007-3 <sup>RD</sup> QTR REPORT, & MEMORANDUM DATED 11/16/07.
			Y I N #	
21 & 135	A & C		Y I (N) #	RE: TO D&B 2006-4 <sup>TH</sup> QTR WELL CONDITION REPORT.
35	A	4	Y I (N) #	RE: TO H2M WELL INSPECTION REPORT.
45 & 115	E	4		

PROBLEM CODE	
a	damage
b	vandalism
c	settlement
d	vector infestation
e	NOT LABELED / NOT PROTECTED
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**

DATE: 9/10/07

Quarterly Inspection ☒ Storm Inspection ☐

INSPECTION BY: FAZIL RAHAMAN

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
<b>LFG Recovery Wells / Valve Vaults</b>				RE: TO PG. 14 FOR ADDITIONAL INFORMATION.
			Y/N #	
			Y/N #	
			Y/N #	
			Y/N #	
<b>LFG Collection Wells (GC1 - GC16)</b>				RE: TO PG. 14 FOR ADDITIONAL INFORMATION.
9, 11 & 12	D	7	Y/N #	HEADER PIPE OFF CENTER TO ACCESS COVER & CLOSE TO PRE-CAST.
13	D	7	Y/N # 1	HEADER PIPE UNDER PRE-CAST.
14, 15 & 16	D	7	Y/N # 2	HEADER PIPE CLOSE TO ACCESS COVER & PRE-CAST.
			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.

7 BEING MONITORED

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: 9/14/07

Quarterly Inspection ☒ Storm Inspection ☐

INSPECTION BY: FAZIL RAHAMAN

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
Blower Pad / Blower Nos. 104A and 104B				
104A	L	1	Y/N #	TAGGED & LOCKED OUT (UNDER SERVICE)
104B	K	4	Y/N #	FROM FRONT OF BLOWER, AFTER APPROX. 30 MINUTE
			Y/N #	OF RUNTIME, RE: PHOTOS FROM 2006-4 <sup>TH</sup> QTR. REPORT.
Flare				USED FOR VENTING ONLY.
			Y/N #	
			Y/N #	
Condensate Storage				Liquid Volume = <u>1,083</u> gallons Alarms: Y/N Test System: OK / Not Successful
			Y/N #	STICK MEASURED 17" (SYSTEM NOT TESTED)
			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	SITE GLASS DIS-COLORED

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**

DATE: 9/14/07

Quarterly Inspection ☒

Storm Inspection ☐

INSPECTION BY: FAZIL RAHAMAN

ITEM I.D.	PROBLEM CODE	PRIORITY CODE	PHOTO TAKEN	COMMENTS
<b>Electrical Panels and Control Panels</b>				Lights tested: <input checked="" type="radio"/> Y / <input type="radio"/> N
FLARE	G	4	Y / <input checked="" type="radio"/> N #	BLOWER 104A, SUPP. FUEL INDICATOR & INLET 104 A.
CONDENSATE	C	1	Y / <input checked="" type="radio"/> N #	PIPE CONTAINMENT CHAMBER 2.
<b>Gates / Locks / Signs</b>				
			Y / N #	
<b>Fencing (Identify location by Grid I.D.)</b>				
			Y / N #	
			Y / N #	
<b>Site Traller</b>				
			Y / N #	

PROBLEM CODE			
a	damage	g	replace indicator lights
b	vandalism	h	tripped / reset required
c	alarms	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: 9/10/07 - 9/14/07

Quarterly Inspection



Storm Inspection

INSPECTION BY: FAZIL RAHAMAN

**ADDITIONAL COMMENTS AS REQUIRED**

BE ADVISED ALL REPAIRS TO DAMAGED FENCE ALONG CORBIN AVENUE COMPLETED, ALSO SLOPE REPAIR ALONG NORTH PROPERTY LINE BETWEEN THE EAST PROPERTY ENTRANCE & SONIA RD. FIRE ACCESS GATE, COMPLETED.

LEG-RECOVERY WELLS / VALVE VAULTS #11, 12, 13, 14 & 15 WILL BE INSPECTED NEXT QUARTER.

LEG-COLLECTION WELLS #1 THROUGH #8 WILL BE INSPECTED NEXT QUARTER.

LEG-COLLECTION WELL #3 ACCUMULATES WATER RE: ATTACHED MEMORANDUM DATED 11/16/06, & SEE PHOTO'S FROM 2007-2<sup>ND</sup> & 2006-4<sup>TH</sup> QUARTER REPORT.

LEG-COLLECTION WELLS #2, 6, 7, 9, 11 & 12 BEING MONITORED, HEADER PIPE OFF CENTER IN RELATION TO ACCESS COVER & GETTING CLOSE TO PRE-CAST, RE: PHOTO'S FROM 2007-1<sup>ST</sup> & 2<sup>ND</sup> QUARTER REPORT.

LEG-COLLECTION WELLS #14, 15 & 16 BEING MONITORED HEADER PIPE GETTING CLOSE TO BOTTOM OF ACCESS COVER & PRE-CAST, RE: PHOTO'S TAKEN & PHOTO'S FROM 2007-1<sup>ST</sup> QUARTER REPORT.

NOTE: ATTACHED ARE (3) PHOTO'S, MEMORANDUM DATED 11/16/06, F.P.M. GAS MONITORING RESULTS JULY, AUGUST & SEPTEMBER 07.

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



Signature: \_\_\_\_\_

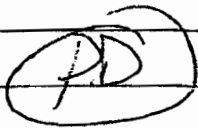








## MEMORANDUM

TO: Christopher Andrade, President  
FROM: Paul J. DiMaria, PE, Chief Engineer   
DATE: November 16, 2006  
RE: Conditions at Sonia Road Landfill

The Post Closure Monitoring Inspection recently completed by Operations personnel revealed several conditions at Sonia Road Landfill and environs that require attention. On the morning of November 14<sup>th</sup> Fazil Rahaman and Francis D. Ribaud, PE visited the site to inspect the areas of concern and later that same day Mr. Ribaud and I visited the site for the same reason. Our observations and recommendations are listed below:

- Condition:** Groundwater monitoring wells MW11S and MW 11D wells ( located near the SCATT Property) are buried.

**Problem:** It is difficult or impossible to get to the well heads for sampling. It must be noted that SCATT has been cooperative in exposing the wells for sampling, but it's an ongoing problem.

**Perceived Cause:** The wells are located in the entrance way of SCATT Industries and their trucks are continually running through that area. Over the course of time rutting of the driveway occurs and SCATT adds fill to the ruts, thus burying the wells. It is not immediately clear as to whether the property on which the wells are located is owned by SCATT or the Town (it may be part of a Town road).

**Recommendations:** Engage the services of a surveyor (an on-call contract already exists) to research the location and determine ownership of the property on which the wells are located. If owned by SCATT, determine whether proper easements have been acquired. Once this information is obtained, have the wells properly raised to grade by the responsible party and instruct SCATT as to future actions.
- Condition:** There appears to be movement of soils on the slope along the north property line in the area between the two entrances used by Atlantic Automall. Slope movement is evident by observation of local settlement and cracking of the soil at the top of slope.

**Problem:** Movement of soil, if continued, can result in a gradual or immediate slope failure. If this happens soil will collapse onto the property below.

**Perceived Cause:** Saturation of the down slope soils due to storm water from the landfill.



**Recommendations:** Engage the services of a Consulting Engineer to determine the cause, evaluate the seriousness of the situation, and recommend and design the most cost effective solution. Then engage the services of a contractor to execute the design.

3. **Condition:** Well caps on Gas Monitoring Wells GM-13 and GM-14 appear to have slid and settled.

**Problem:** The well caps are bearing, both laterally and vertically, on the wells and may cause a break in the well casings.

**Perceived Cause:** Settlement of the waste mass in the area of the wells. This type of settlement is typical of landfills and was expected. Similar problems were noted and corrected (by a contractor) on other wells.

**Recommendations:** Engage the services of a contractor to reset the well caps.

4. **Condition:** The well head on Gas Collection Well GC-13 is set under the concrete slab of the access chamber, unlike on the other wells where it is located under the access chamber cover.

**Problem:** If the access chamber settles it will damage the well head.

**Perceived Cause:** Closer inspection reveals that the well was most likely installed the way it is now and that there is no immediate evidence of movement or settlement of the access chamber.

**Recommendations:** Although there may not be settlement occurring, the access chamber on GC-13 should be monitored for settlement as a precaution.

5. **Condition:** The access chamber on Gas Collection Well GC-3 has settled and is collecting water (2 separate problems, which may be related). The well head was recently shortened by sawing off part of the top.

**Problem:** Settlement of the access chamber can damage the well head. Additionally, the storm water collecting in the access chamber may be being drawn into the gas collection system (which is under vacuum) and could be a source of excess condensate.

**Perceived Cause:** Settlement of the waste mass in the area of the wells. This type of settlement is typical of landfills and was expected.

**Recommendations:** Engage the services of a contractor to reset the access chambers.

cc: A. Sanchez  
J. Cosci  
F. Rahaman ✓  
FDR

## **GAS MIGRATION MONITORING**

07/30/2007 09:30 0317372410  
**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

July 30, 2007

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

Re: **Sonia Road Landfill**  
**July 2007 Landfill Gas Monitoring Results**  
**FPM File No. 631-04-06**

Dear Mr. Sanchez:

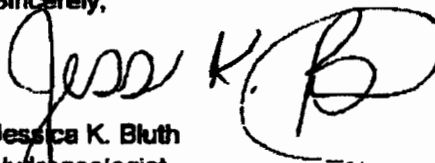
On July 25, 2007, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GA-90 Gas Analyzer, model GA1/1.

Oxygen (O<sub>2</sub>) gas and methane (CH<sub>4</sub>) gas were zeroed according to the manufacturer's specifications. The gas analyzer was calibrated with 15 percent (%) CH<sub>4</sub> and 15% carbon dioxide (CO<sub>2</sub>) with the balance nitrogen (N<sub>2</sub>) gas, and 4% O<sub>2</sub> with the balance N<sub>2</sub> 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 August 13, 2007. 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.

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)

\\Rd\clients\State RRA\Facsimile\Sonia-Rst2007 letters\July 25.doc

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

**Gas Monitoring Wells**

Location ID	Well Condition	Time & Date	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	Atmospheric Pressure	Relative Pressure
SONIBLOW	OK	7/25/2007 11:34	3.6	11.2	8.9	30.2	2.70
GM-01	OK	7/25/2007 11:38	0.0	0.7	19.1	30.2	0.00
GM-02	OK	7/25/2007 11:44	0.0	7.2	4.7	30.2	0.00
GM-03	OK	7/25/2007 11:49	0.0	0.1	19.9	30.1	0.00
GM-04	OK	7/25/2007 13:12	0.0	0.7	18.5	30.1	0.00
GM-05	OK	7/25/2007 11:55	0.0	3.3	14.6	30.1	-0.30
GM-06	OK	7/25/2007 12:00	0.0	0.7	19.1	30.1	-0.20
GM-07	OK	7/25/2007 12:05	0.0	0.6	18.8	30.1	-0.20
GM-08	OK	7/25/2007 12:11	0.0	1.1	18.5	30.1	-0.10
GM-09	OK	7/25/2007 12:17	0.0	2.0	17.4	30.1	-0.10
GM-10	OK	7/25/2007 12:22	0.0	0.3	19.3	30.1	-0.10
GM-11	OK	7/25/2007 12:28	0.0	1.5	18.3	30.1	0.00
GM-12	OK	7/25/2007 12:34	0.0	0.3	19.2	30.0	0.00
GM-13	*	7/25/2007 12:41	0.0	2.4	17.0	30.0	0.00
GM-14	*	7/25/2007 12:52	0.0	2.5	16.5	30.0	-0.50
GM-15	OK	7/25/2007 12:57	0.0	0.0	19.8	30.0	0.00
GM-16	OK	7/25/2007 13:01	0.0	1.8	17.6	30.0	-0.10
GM-17	OK	7/25/2007 13:05	0.0	1.0	18.7	30.0	-0.10

**Notes:**

CH<sub>4</sub>, CO<sub>2</sub>, and O<sub>2</sub> 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, 83°F

\*GM-13 - Exterior casing is obstructed by well and will not close

\*GM-14 - Exterior casing is obstructed by well and will not close

**FPM**





Engineering and Environmental Science

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

September 4, 2007

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

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

Re: **Sonia Road Landfill**  
**August 2007 Landfill Gas Monitoring Results**  
**FPM File No. 631-04-06**

Dear Mr. Sanchez:

On August 28, 2007, 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 (O<sub>2</sub>) gas and methane (CH<sub>4</sub>) gas were zeroed according to the manufacturer's specifications. The gas analyzer was calibrated with 15 percent (%) CH<sub>4</sub> and 15% carbon dioxide (CO<sub>2</sub>) with the balance nitrogen (N<sub>2</sub>) gas, and 4% O<sub>2</sub> with the balance N<sub>2</sub> gas according to the manufacturer's recommendation prior to sampling.

The landfill gas monitoring results are provided in Table 1. Very low percentages of CH<sub>4</sub> were detected in several monitoring wells; however, these low detections of CH<sub>4</sub> are most likely a result of high humidity affecting the instrumentation.

The next landfill gas monitoring event is tentatively scheduled for September 13, 2007. 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.

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)  
Fazli Rahman (via fax)

\\fschmiedt\slip\RFMR\Reports\Bario-Isrl\2007\Isrlrpt\Map 30.doc

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

**Gas Monitoring Wells**

Location ID	Well Condition	Time & Date	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	Atmospheric Pressure	Relative Pressure
SONIBLOW	OK	8/28/2007 11:18	5.4	12.1	8.1	30.1	3.60
GM-01	OK	8/28/2007 11:21	0.0	0.8	18.6	30.1	0.40
GM-02	OK	8/28/2007 11:25	0.0	2.2	17.0	30.1	0.00
GM-03	OK	8/28/2007 11:29	0.0	0.0	19.7	30.1	0.00
GM-04	OK	8/28/2007 12:48	0.2	0.2	19.3	30.0	0.00
GM-05	OK	8/28/2007 11:38	0.0	1.8	17.9	30.0	-0.40
GM-06	OK	8/28/2007 11:41	0.0	0.4	19.0	30.0	-0.20
GM-07	OK	8/28/2007 11:47	0.1	0.3	19.2	30.0	-0.20
GM-08	OK	8/28/2007 11:53	0.0	1.4	18.1	30.0	-0.10
GM-09	OK	8/28/2007 11:57	0.1	2.5	16.7	30.0	-0.10
GM-10	OK	8/28/2007 12:02	0.1	0.2	19.3	30.0	0.00
GM-11	OK	8/28/2007 12:07	0.1	1.8	17.9	30.0	0.00
GM-12	OK	8/28/2007 12:13	0.1	0.2	19.4	30.0	0.00
GM-13	*	8/28/2007 12:18	0.1	2.6	17.0	30.0	0.10
GM-14	*	8/28/2007 12:23	0.1	2.0	17.6	30.0	0.20
GM-15	OK	8/28/2007 12:27	0.1	0.9	18.5	30.0	0.00
GM-16	OK	8/28/2007 12:32	0.1	2.3	17.2	30.0	-0.10
GM-17	OK	8/28/2007 12:37	0.1	0.9	18.7	30.0	0.00

**Notes:**

CH<sub>4</sub>, CO<sub>2</sub>, and O<sub>2</sub> 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, humid, 82°F

\*GM-13 - Exterior casing is obstructed by well and will not close

\*GM-14 - 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 Molnar

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

September 27, 2007

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

Re: **Sonia Road Landfill**  
**September 2007 Landfill Gas Monitoring Results**  
**FPM File No. 631-04-06**

Dear Mr. Sanchez:

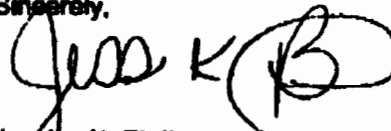
On September 26, 2007, FPM Group (FPM) performed landfill gas monitoring at the above-referenced site. Monitoring was performed with a Landtec GA-90 Gas Analyzer, model GA1/1.

Oxygen (O<sub>2</sub>) gas and methane (CH<sub>4</sub>) gas were zeroed according to the manufacturer's specifications. The gas analyzer was calibrated with 15 percent (%) CH<sub>4</sub> and 15% carbon dioxide (CO<sub>2</sub>) with the balance nitrogen (N<sub>2</sub>) gas, and 4% O<sub>2</sub> with the balance N<sub>2</sub> 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 October 15, 2007. 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.

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\shared\info\RR\Reports\Sonia-Rr\2007\Interf13Sept 27.doc

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

**Gas Monitoring Wells**

Location ID	Well Condition	Time & Date	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	Atmospheric Pressure	Relative Pressure
SONIBLOW	OK	9/26/2007 11:33	0.0	0.0	20.3	30.0	-36.20
GM-01	OK	9/26/2007 11:36	0.0	1.4	18.6	30.0	0.00
GM-02	OK	9/26/2007 11:44	0.0	10.4	11.3	29.9	0.00
GM-03	OK	9/26/2007 11:49	0.0	0.1	19.8	29.9	0.00
GM-04	OK	9/26/2007 13:24	0.0	0.2	19.3	29.9	0.00
GM-05	OK	9/26/2007 11:57	0.0	1.7	17.9	29.9	-0.30
GM-06	OK	9/26/2007 12:02	0.0	0.3	19.2	29.9	-0.20
GM-07	OK	9/26/2007 12:08	0.0	0.3	19.2	29.9	-0.20
GM-08	OK	9/26/2007 12:17	0.0	1.4	18.0	29.9	-0.10
GM-09	OK	9/26/2007 12:22	0.0	2.8	15.9	29.9	-0.10
GM-10	OK	9/26/2007 12:34	0.0	0.2	19.2	29.9	0.00
GM-11	OK	9/26/2007 12:40	0.0	1.3	18.4	29.9	0.00
GM-12	OK	9/26/2007 12:46	0.0	0.1	19.4	29.9	0.00
GM-13	*	9/26/2007 12:53	0.0	1.8	17.8	29.9	0.10
GM-14	*	9/26/2007 13:00	0.0	1.5	18.2	29.9	0.20
GM-15	OK	9/26/2007 13:06	0.0	0.7	18.7	29.9	0.00
GM-16	OK	9/26/2007 13:11	0.0	0.3	19.1	29.9	0.00
GM-17	OK	9/26/2007 13:16	0.0	0.3	19.2	29.9	0.00

**Notes:**

CH<sub>4</sub>, CO<sub>2</sub>, and O<sub>2</sub> 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, humid, 82°F

\*GM-13 - Exterior casing is obstructed by well and will not close

\*GM-14 - Exterior casing is obstructed by well and will not close

**FPM**

## **GROUNDWATER WELL CONDITION**

Holzmacher, McLendon & Murrell, P.C. ▴ H2M Associates, Inc.  
H2M Labs, Inc. ▴ H2M Architecture & Engineers, Inc.  
175 Pinelawn Road, Suite 308, Melville, New York 11747  
631.756.8000, Fax: 631.454.8432  
[www.h2m.com](http://www.h2m.com)

August 30, 2007

Francis D. Ribaud, P.E.  
Associate Engineer  
Islip Resource Recovery Agency  
401 Main Street  
Islip, New York 11751

Re: Well Condition Report  
Third Quarter 2007  
Sonia Road Landfill  
H2M No. ISLP0701

Dear Mr. Ribaud:

The purpose of this letter is to provide the Third Quarter 2007 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 three wells. As shown in Table 1, MW-04S was not clearly labeled and the cover of MW-03S was not intact. In addition, MW-11S was not labeled and not protected, due to its location at the end of South Fourth Street.

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

Enclosures

X:\ISLP (Town of Islip) - 10560\ISLP0701 (Sonia Rd Landfill)\01-DRAFT REPORT\Draft Report\3 Qtr 2007 wellcond\3Q2007.doc

**Table 1**  
**WELL INSPECTION SUMMARY – THIRD QUARTER 2007**  
**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	Intact	Yes	Straight	Marked	Yes	Yes
MW-02D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-03S	Intact	<b>Not Intact</b>	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	<b>No</b>	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	Marked	Yes	Yes
MW-05I	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-06I	Intact	Intact	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	Intact	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	Marked	<b>No</b>	<b>No</b>
MW-11I	Intact	Intact	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	Intact	Yes	Straight	Marked	Yes	Yes
MW-13I	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-13D	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-14S	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-14I	Intact	Intact	Yes	Straight	Marked	Yes	Yes
MW-14D	Intact	Intact	Yes	Straight	Marked	Yes	Yes

### Monitoring Well Inspection Checklist

Well No. MW-1S

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07



## Monitoring Well Inspection Checklist

Well No. MW-1I

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>                    </u>
Cracked	<u>      </u>	<u>      </u>	<u>                    </u>
Missing	<u>      </u>	<u>      </u>	<u>                    </u>
<b>2. Ponding of Water Around Concrete Seal</b>			
	<u>      </u>	<u>X</u>	<u>                    </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>                    </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>                    </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>                    </u>
<b>4. Well Casing Alignment (Straight)</b>			
	<u>X</u>	<u>      </u>	<u>                    </u>
<b>5. Survey Measuring Point Clearly Marked</b>			
	<u>X</u>	<u>      </u>	<u>                    </u>
<b>6. Well Clearly Labeled</b>			
	<u>X</u>	<u>      </u>	<u>                    </u>
<b>7. Well is Protected</b>			
	<u>X</u>	<u>      </u>	<u>                    </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-1D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>                    </u>
Cracked	<u>      </u>	<u>      </u>	<u>                    </u>
Missing	<u>      </u>	<u>      </u>	<u>                    </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>                    </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>                    </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>                    </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>                    </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>                    </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>                    </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>                    </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>                    </u>

Comments: High brush surrounding well

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-2I

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

**Comments:**

**Inspector:** EVT

**Date of Inspection:** 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-2D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

**Comments:**

**Inspector:** EVT

**Date of Inspection:** 8/08/07

### Monitoring Well Inspection Checklist

Well No. MW-3S

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>      </u>	<u>X</u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-3I

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-3D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-4S

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>                    </u>
Cracked	<u>      </u>	<u>      </u>	<u>                    </u>
Missing	<u>      </u>	<u>      </u>	<u>                    </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>                    </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>                    </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>                    </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>                    </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>                    </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>                    </u>
<b>6. Well Clearly Labeled</b>	<u>      </u>	<u>X</u>	<u>                    </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>                    </u>

**Comments:** Well is located approximately 50' from designated location on site map

**Inspector:** EVT

**Date of Inspection:** 8/08/07



### Monitoring Well Inspection Checklist

Well No. MW-4I

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-4D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

**Comments:**

**Inspector:** EVT

**Date of Inspection:** 8/08/07

### Monitoring Well Inspection Checklist

Well No. MW-5S

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-5I

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

### Monitoring Well Inspection Checklist

Well No. MW-5D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

### Monitoring Well Inspection Checklist

Well No. MW-6S

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>			
	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>			
	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-6I

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

### Monitoring Well Inspection Checklist

Well No. MW-6D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07



### Monitoring Well Inspection Checklist

Well No. MW-7S

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

### Monitoring Well Inspection Checklist

Well No. MW-7I

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>			
	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>			
	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-7D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

**Comments:**

**Inspector:** EVT

**Date of Inspection:** 8/08/07

### Monitoring Well Inspection Checklist

Well No. MW-10S

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/10/07

### Monitoring Well Inspection Checklist

Well No. MW-101

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/10/07

## Monitoring Well Inspection Checklist

Well No. MW-10D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/10/07

## Monitoring Well Inspection Checklist

Well No. MW-11S

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>7. Well is Protected</b>	<u>      </u>	<u>X</u>	<u>      </u>

**Comments:** Well is buried under 6 inches of soil, which accumulates over time due to well's location in roadway

**Inspector:** EVT

**Date of Inspection:** 8/8/07

## Monitoring Well Inspection Checklist

Well No. MW-111

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/10/07



## Monitoring Well Inspection Checklist

Well No. MW-11D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/10/07

## Monitoring Well Inspection Checklist

Well No. MW-12S

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-12I

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-12D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-13S

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-13I

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>                    </u>
Cracked	<u>      </u>	<u>      </u>	<u>                    </u>
Missing	<u>      </u>	<u>      </u>	<u>                    </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>                    </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>                    </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>                    </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>                    </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>                    </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>                    </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>                    </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>                    </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-13D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>			
	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>			
	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

### Monitoring Well Inspection Checklist

Well No. MW-14S

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07



### Monitoring Well Inspection Checklist

Well No. MW-14I

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>			
	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>			
	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>			
	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## Monitoring Well Inspection Checklist

Well No. MW-14D

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
<b>1. Surface Concrete Seal</b>			
Intact	<u>X</u>	<u>      </u>	<u>      </u>
Cracked	<u>      </u>	<u>      </u>	<u>      </u>
Missing	<u>      </u>	<u>      </u>	<u>      </u>
<b>2. Ponding of Water Around Concrete Seal</b>	<u>      </u>	<u>X</u>	<u>      </u>
<b>3. Protective Flush Mounted Cover/Standpipe and Lock</b>			
Cover Intact	<u>X</u>	<u>      </u>	<u>      </u>
Standpipe Intact	<u>      </u>	<u>      </u>	<u>      </u>
Lock Intact	<u>X</u>	<u>      </u>	<u>      </u>
<b>4. Well Casing Alignment (Straight)</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>5. Survey Measuring Point Clearly Marked</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>6. Well Clearly Labeled</b>	<u>X</u>	<u>      </u>	<u>      </u>
<b>7. Well is Protected</b>	<u>X</u>	<u>      </u>	<u>      </u>

Comments:

Inspector: EVT

Date of Inspection: 8/08/07

## **APPENDIX A**

# CAR COUNT 9/21/07

Hill / Lexus PDI

<u><b>Dealership</b></u>	<u><b>Car Count</b></u>
<b>Atlantic Nissan</b>	<b>260</b>
<b>Atlantic Kia</b>	<b>58</b>
<b>Atlantic Hyundai</b>	<b>487</b>
<b>Atlantic Honda</b>	<b>197</b>
<b>Atlantic Toyota</b>	<b>42</b>
<b>Alantic Chevy</b>	<b>13</b>
<b>Atlantic Caddy</b>	<b>3</b>
<b>Atlantic Audi</b>	<b>47</b>
<b>Millennium Honda</b>	<b>80</b>
<b>Millennium Hyundai</b>	<b>132</b>
<b>Advantage Toyota</b>	<b>47</b>
<b>Advantage Nissan</b>	<b>58</b>
<b>Lexus Massapequa</b>	<b>65</b>
<b>Lexus RVC</b>	<b>555</b>
<b>Total Hill:</b>	<b>1424</b>
<b>Total Lexus PDI:</b>	<b>620</b>
<b>Total Count:</b>	<b>2044</b>