

Village of Endicott
Industrial Pretreatment Dept.
c/o 1009 E. Main St.
Endicott, New York 13760



July 11, 2013

USEPA, Region II
Emergency and Remediation Response Division
290 Broadway
New York, New York 10007
Attn: Sherrel Henry

Re: Supplemental Purge Well,
Endicott Wellfield Site

Dear Ms. Henry:

Pursuant to EPA's approval of the Village of Endicott's proposal for a reduction in the frequency of monitoring and analysis for the Supplemental Purge Well, I am submitting a report for the 2nd quarter of 2013 for the supplemental purge well as well as for the final effluent.

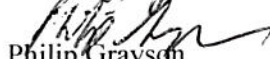
The average daily flows for the months contained in this reporting period are:

April, 2013.....	570,667 gal/day (396 gal/min)
May, 2013.....	556,266 gal/day (386 gal/min)
June, 2013.....	559,806 gal/day (389 gal/min)

Within this report are summaries of daily SPW flows, a listing of detectable VOC's for both SPW and final effluent, and water level readings for the 2nd quarter of 2013. There were no water level readings taken in May 2013.

If you have any questions concerning this report, please call me at 607-757-5352.

Sincerely,


Philip Grayson
Chief Operator, Wastewater

cc: NYSDEC, Payson Long
NYSDEC, Tim DiGiulio, P.E.
Malcolm Pirnie, Inc., Bruce Nelson

Supplemental Purge Well
Daily Flow Readings: 2013
Gal./Day

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	488,500	664,000	592,000	608,000	571,000	574,250	563,250	0	0	0	0	0
2	488,500	416,000	506,000	590,000	552,000	574,250	#####	0	0	0	0	0
3	527,000	607,500	598,000	493,000	585,000	574,250	#####	0	0	0	0	0
4	569,000	607,500	598,000	560,000	457,000	507,000	0	0	0	0	0	0
5	569,000	557,000	529,000	638,000	608,000	726,000	0	0	0	0	0	0
6	616,000	605,000	541,000	452,000	608,000	447,000	0	0	0	0	0	0
7	616,000	624,000	326,000	598,500	579,000	526,000	0	0	0	0	0	0
8	521,000	675,000	352,000	598,500	538,000	526,000	0	0	0	0	0	0
9	567,000	620,000	646,000	562,000	551,000	601,000	0	0	0	0	0	0
10	538,000	481,500	597,000	600,000	523,000	601,000	0	0	0	0	0	0
11	522,000	481,500	597,000	534,000	523,000	559,000	0	0	0	0	0	0
12	598,000	514,000	529,000	542,000	601,000	520,000	0	0	0	0	0	0
13	600,500	571,000	559,000	542,000	601,000	562,000	0	0	0	0	0	0
14	600,500	600,000	593,000	618,000	549,000	602,000	0	0	0	0	0	0
15	538,000	532,000	573,000	618,000	558,000	562,667	0	0	0	0	0	0
16	608,000	523,000	506,000	568,000	545,000	562,667	0	0	0	0	0	0
17	532,000	613,000	602,000	556,000	524,500	562,667	0	0	0	0	0	0
18	520,000	613,000	602,000	582,000	524,500	582,000	0	0	0	0	0	0
19	570,000	531,000	625,000	664,000	563,500	582,000	0	0	0	0	0	0
20	593,500	570,000	512,000	518,500	563,500	533,500	0	0	0	0	0	0
21	593,500	525,000	623,000	518,500	594,000	533,500	0	0	0	0	0	0
22	710,000	612,000	540,000	605,000	533,000	480,000	0	0	0	0	0	0
23	449,000	478,000	513,000	564,000	593,000	615,500	0	0	0	0	0	0
24	537,000	592,000	618,000	598,000	1,018,000	615,500	0	0	0	0	0	0
25	611,000	592,000	618,000	584,000	422,250	514,000	0	0	0	0	0	0
26	465,000	560,000	523,000	524,000	422,250	493,000	0	0	0	0	0	0
27	609,000	521,000	564,000	502,000	422,250	578,000	0	0	0	0	0	0
28	609,000	565,000	605,000	615,000	422,250	563,250	0	0	0	0	0	0
29	593,000		605,000	615,000	564,000	563,250	0	0	0	0	0	0
30	560,000		418,000	552,000	554,000	563,250	0	0	0	0	0	0
31	567,000		608,000		574,250		0	0		0		0
Total	17,486,000	15,851,000	17,518,000	17,120,000	17,244,250	16,804,500	#####	0	0	0	0	0
Ave	564,065	566,107	565,097	570,667	556,266	559,806	0	0	0	0	0	0
Gal/Hr.	23,503	23,588	23,546	23,778	23,178	23,325	-535,119	0	0	0	0	0
Gal/Min	392	393	392	396	386	389	-8,919	0	0	0	0	0

2013

[illegible]

Supplemental Purge Well
Monthly Analysis: VOC's
2013 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride	16				26.4								42.4
Chloromethane	<3.0				<5.0								0
Chloroethane	<3.0				<5.0								0
Methylene Chloride	<3.0				<5.0								0
Dichlorodifluoromethane	<3.0												0
Trichloroethylene	<3.0				<5.0								0
1,1-Dichloroethane	<3.0				<5.0								0
1,1-Dichloroethylene	<3.0				<5.0								0
cis-1,2-Dichloroethylene	15				<5.0								15
cis-1,3-Dichloropropene	<3.0				<5.0								0
Chlorobenzene	<3.0				<5.0								0
Benzene	<3.0				<5.0								0
Toluene	<3.0				<5.0								0
Chloroform	<3.0				<5.0								0
m-Xylene & p-Xylene	<3.0				<5.0								0
Total VOC's	31				26.4				0			0	57.4

Denotes Sample was not analyzed for Analyte. There has been a change in contract the laboratory which resulted in a change in the analyte list.

Final Effluent
Monthly Analysis: VOC's
2013 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride	<2.0				<5.0								0
Chloromethane	<3.0				<5.0								0
Chloroethane	<3.0				<5.0								0
Methylene Chloride	<3.0				<5.0								0
Dichlorodifluoromethane	<3.0												0
Trichloroethylene	<3.0				<5.0								0
1,1-Dichloroethane	<3.0				<5.0								0
1,1-Dichloroethylene	<3.0				<5.0								0
cis-1,2-Dichloroethylene	<3.0				<5.0								0
cis-1,3-Dichloropropene	<3.0				<5.0								0
Chlorobenzene	<3.0				<5.0								0
Benzene	<3.0				<5.0								0
Toluene	<3.0				<5.0								0
Chloroform	<3.0				8.4								8.4
Bromodichloromethane	<3.0				<5.0								0.0
m-Xylene & p-Xylene	<3.0				<5.0								0
Total VOC's	0				8.4								8.4

Denotes Sample was not analyzed for Analyte. There has been a change in contract the laboratory which resulted in a change in the analyte list.



Microbac Laboratories, Inc.
New York Division
3821 Buck Drive
Cortland, New York 13045
Phone: 607-753-3403

Work Order Number: 1319054

Certificate of Results

Endicott Waste Water Treatment

Philip Grayson
1009 East Main Street
Endicott, NY 13760

Contact: Philip Grayson

Project Name: Quarterly - EPA 624

Date Received: May 22, 2013

Time Received: 3:07 pm

Analytical Testing Parameters

Client Sample ID: **SPW052213G**

Lab Sample ID: **1319054-01**

Collection Date: **5/22/2013**

Collection Time: **11:07 am**

Collected By: Philip Grayson

VOLATILE ORGANIC COMPOUNDS

Parameter	CAS	DF	Result	Units	PQL	Qualifier	Method	Analyzed	Analyst
Benzene	71-43-2	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Bromochloromethane	74-97-5	1	<5.00	ug/L	5.00	NY-CCV+	EPA 624	5/31/2013 1842	PI
Bromodichloromethane	75-27-4	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Bromoform	75-25-2	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Bromomethane	74-83-9	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Carbon Tetrachloride	56-23-5	1	<5.00	ug/L	5.00	NY-CCV+	EPA 624	5/31/2013 1842	PI
Chlorobenzene	108-90-7	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Chloroethane	75-00-3	1	<5.00	ug/L	5.00	NY-CCV+	EPA 624	5/31/2013 1842	PI
2-Chloroethylvinyl ether	110-75-8	1	<25.0	ug/L	25.0		EPA 624	5/31/2013 1842	PI
Chloroform	67-66-3	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Chloromethane	74-87-3	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Dibromochloromethane	124-48-1	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
1,2-Dichlorobenzene	95-50-1	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
1,3-Dichlorobenzene	541-73-1	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
1,4-Dichlorobenzene	106-46-7	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
1,1-Dichloroethane	75-34-3	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
1,2-Dichloroethane	107-06-2	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
1,1-Dichloroethylene	75-35-4	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
cis-1,2-Dichloroethylene	156-59-2	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
trans-1,2-Dichloroethylene	156-60-5	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
1,2-Dichloropropane	78-87-5	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
cis-1,3-Dichloropropene	10061-01-5	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
trans-1,3-Dichloropropene	10061-02-6	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Ethylbenzene	100-41-4	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Methylene Chloride	75-09-2	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
1,1,2,2-Tetrachloroethane	79-34-5	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Tetrachloroethylene	127-18-4	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Toluene	108-88-3	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
1,1,1-Trichloroethane	71-55-6	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
1,1,2-Trichloroethane	79-00-5	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI

Member



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Microbac Laboratories, Inc.
New York Division
3821 Buck Drive
Cortland, New York 13045
Phone: 607-753-3403

Work Order Number: 1319054

Certificate of Results

VOLATILE ORGANIC COMPOUNDS

Parameter	CAS	DF	Result	Units	PQL	Qualifier	Method	Analyzed	Analyst
Trichloroethylene	79-01-6	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Trichlorofluoromethane	75-69-4	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
Vinyl chloride	75-01-4	1	26.4	ug/L	5.00		EPA 624	5/31/2013 1842	PI
m,p-Xylenes	108-38-3	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
o-Xylene	95-47-6	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1842	PI
1,2-Dichloroethane-d4	103				% Rec	76.9-119	EPA 624	5/31/2013 1842	PI
4-Bromofluorobenzene	97.0				% Rec	88.1-117	EPA 624	5/31/2013 1842	PI
Toluene-d8	93.8				% Rec	89.1-112	EPA 624	5/31/2013 1842	PI
Dibromofluoromethane	106				% Rec	85.5-115	EPA 624	5/31/2013 1842	PI

Analytical Testing Parameters

Client Sample ID: **Eff052213G**

Lab Sample ID: **1319054-02**

Collection Date: **5/22/2013**

Collection Time: **11:23 am**

Collected By: Philip Grayson

VOLATILE ORGANIC COMPOUNDS

Parameter	CAS	DF	Result	Units	PQL	Qualifier	Method	Analyzed	Analyst
Benzene	71-43-2	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Bromochloromethane	74-97-5	1	<5.00	ug/L	5.00	NY-CCV+	EPA 624	5/31/2013 1915	PI
Bromodichloromethane	75-27-4	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Bromoform	75-25-2	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Bromomethane	74-83-9	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Carbon Tetrachloride	56-23-5	1	<5.00	ug/L	5.00	NY-CCV+	EPA 624	5/31/2013 1915	PI
Chlorobenzene	108-90-7	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Chloroethane	75-00-3	1	<5.00	ug/L	5.00	NY-CCV+	EPA 624	5/31/2013 1915	PI
2-Chloroethylvinyl ether	110-75-8	1	<25.0	ug/L	25.0	NY-CCV-	EPA 624	5/31/2013 1915	PI
Chloroform	67-66-3	1	8.44	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Chloromethane	74-87-3	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Dibromochloromethane	124-48-1	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
1,2-Dichlorobenzene	95-50-1	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
1,3-Dichlorobenzene	541-73-1	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
1,4-Dichlorobenzene	106-46-7	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
1,1-Dichloroethane	75-34-3	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
1,2-Dichloroethane	107-06-2	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
1,1-Dichloroethylene	75-35-4	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
cis-1,2-Dichloroethylene	156-59-2	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
trans-1,2-Dichloroethylene	156-60-5	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
1,2-Dichloropropane	78-87-5	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
cis-1,3-Dichloropropene	10061-01-5	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
trans-1,3-Dichloropropene	10061-02-6	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Ethylbenzene	100-41-4	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI

Member



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Certificate of Results

VOLATILE ORGANIC COMPOUNDS

Parameter	CAS	DF	Result	Units	PQL	Qualifier	Method	Analized	Analyst
Methylene Chloride	75-09-2	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
1,1,2,2-Tetrachloroethane	79-34-5	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Tetrachloroethylene	127-18-4	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Toluene	108-88-3	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
1,1,1-Trichloroethane	71-55-6	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
1,1,2-Trichloroethane	79-00-5	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Trichloroethylene	79-01-6	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Trichlorofluoromethane	75-69-4	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
Vinyl chloride	75-01-4	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
m,p-Xylenes	108-38-3	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
o-Xylene	95-47-6	1	<5.00	ug/L	5.00		EPA 624	5/31/2013 1915	PI
1,2-Dichloroethane-d4		102			% Rec	76.9-119	EPA 624	5/31/2013 1915	PI
4-Bromofluorobenzene		99.7			% Rec	88.1-117	EPA 624	5/31/2013 1915	PI
Toluene-d8		95.0			% Rec	89.1-112	EPA 624	5/31/2013 1915	PI
Dibromofluoromethane		108			% Rec	85.5-115	EPA 624	5/31/2013 1915	PI

Laboratory Certifications:

Below is a list of certifications maintained by Microbac Laboratories, Inc. New York Division. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. A complete list of individual analytes pursuant to each certification below is available upon request.

- NYELAP # 10795
- EPA # NY00935
- PADEP # 68-01385
- Connecticut #PH-0331
- New Hampshire #2985
- NYS Ag & Markets #36-142

Qualifiers and Definitions:

- **NY-CCV+** CCV recovery was above acceptance limits. Positive results for this analyte may be biased high.
- **NY-CCV-** CCV recovery was below acceptance limits. Results for this analyte may be biased low
- **CAS:** Chemical Abstract Series identification for the analyte.
- **DF:** "1" indicates that there was no dilution. Any other number indicates that the sample was diluted by that factor.
- **PQL:** The **Practical Quantitation Limit**, which is defined as the lowest quantitation level of an analyte that can be readily achieved within the specified limits of precision and accuracy of an analytical method during routine laboratory operating conditions. The value may be raised depending on the characteristics or behavior of the target analyte.
- **Units:** The units of measure for the analysis. Ug/L (ppb) and mg/L (ppm) are for liquid samples. Ug/kg (ppb) and mg/kg (ppm) are for solid wet-based results while ug/kg-dry and mg/kg-dry are for solid-dry-based results.



Microbac Laboratories, Inc.
New York Division
3821 Buck Drive
Cortland, New York 13045
Phone: 607-753-3403

Work Order Number: 1319054

Certificate of Results

Report Comments:

The analytical results for your samples are presented on the enclosed laboratory report(s). The data and information on this report and other accompanying documents represent on the sample(s) analyzed. In accordance with NYSDOH-ELAP and NELAC regulations, we are required to notify you of any aspects of the analysis that did not comply with these regulations. Any data qualifiers are noted directly on the laboratory report. The Laboratory also maintains a "Sample Receipt Checklist" and the submitted "Chain of Custody" form in its files that are available on request.

The pagination at the bottom of the narrative and reports indicates the total number of pages in the client submittal. No duplication of this report should be done without duplication of the entire package, including cover letter and narrative if present.

Thank you for the opportunity to provide these analytical services. Please contact Pamela Davis, Client Services Manager, with questions on the analysis.

Reviewed and Approved By:

Date Reviewed and Approved:

6/3/2013

Pamela Davis
Project Manager

For any feedback concerning our services, please contact Peter Indick, the Managing Director at 607.753.3403. You may also contact both James Nokes, President at president@microbac.com and Sean Hyde, Chief Operating Officer at sean.hyde@microbac.com.

Please help us in meeting our Go Green initiative by selecting to have reports and invoices submitted via email only. Please contact nyresults@microbac.com to set up email reporting and invoicing options.



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Client Information				Billing/Invoice:		Analysis Requested		Receiving Info (Lab-Use Only)	
Name: <u>Page of Endicott WWT</u> Address: <u>1009 E. Main St.</u> <u>Endicott, NY 13760</u> Contact: <u>Dave Kucera</u> Phone: <u>607-757-5307</u> Project: <u>Quarantine Ly - EPA 624</u> Quote ID: _____ PO#: _____				Rush TAT Bus. Days: <2 2-5 5-7 7-10 Date Req.: _____ Carbon Copy: <u>Yes</u> Email Results: <u>Yes</u> Fax Results: <u>Yes</u>		Ice: <u>YES</u> <u>NO</u> Cooler: <u>YES</u> <u>NO</u> Sample Temp: <u>4.9</u> Cooler Seal: <u>YES</u> <u>NO</u> Pickup: <u>YES</u> <u>NO</u> Dropoff: <u>W</u> Accepted? <u>YES</u> <u>NO</u>		Container Material Container Size (in Mi) Preservative	
Sample Information				Number of Containers for Analysis Requested		Comments/Field Data			
Description/Location	Date	Time	Initial	Matrix Type					
1 SW0522136	5/22/13	1107am	PK	Grab	2				
2 EFF 0522136-2	"	1123am	PK	WW	2				
3									
4									
5									
6									
7									
8									
9									
10									

Print Name and Company

received Philip Grayson WWTP

(u) Endicott

ELL-HF J. Timmer

Ernest Spencer

Signature

Philip Grayson

Ernest Spencer

Ernest Spencer

Date/Time

5/22/13

5-22-13

5/22/13

5/24/13 15:07

Comments

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GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2013

Well No.	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4												
B-21												
EW-3D	21.2	20.1	21.2	15.5		18.6						
EW-8	25.6	24.1	21.5	21.2		22.9						
EW-9	18.5	20.9	17.6	15.2		18.4						
EW-11												
EW-12	29.2	31.4	29.3	27.5		29.2						
EW-14	21.7	23.9	21.3	15.3		23.1						
MMW-3	30.2	32.7	30.2	28.7		30.2						
MMW-6D	23.6	26.2	23.5	22.5		23.6						
MMW-8D												
MMW-9D	28.1	32.7	26.2	28.6		28.6						
MMW-7S	19.9	22.2	19.9	16.3		20.3						
MMW-7D	17.0	19.0	17.0	15.9		17.2						
MMW-11	22.5	33.4	23.4	27.6		24.5						
MMW-12	25.1	33.1	26.1	28.7		28.6						
MMW-13D	17.6	17.2	11.7	12.1		16.5						
MMW-21	31.3	33.5	30.8	28.2		31.1						
MMW-22D	29.3	31.8	29.5	28.2		29.4						
MMW-25D	17.2	19.5	17.0	16.2		18.3						
MMW-29	13.8	16.1	12.5	11.6		17.6						
MMW-30	23.3	25.5	23.1	21.7		23.2						
MMW-31	23.7	25.6	23.2	21.4		23.3						
MMW-32	8.4	11.1	8.6	6.2		8.2						
MMW-33	19.6	21.5	18.8	17.5		16.9						
MMW-34	16.1	17.8	14.7	14.4		15.2						
MMW-35	19.7	22.9	20.1	19.5		19.8						
SPW	24.1	25.8	23.5	21.8		23.3						

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2013

Well No.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4												
B-21												
EW-3D	797.13	798.23	797.13	802.83		797.13						
EW-8	797.74	799.24	801.84	802.14		801.84						
EW-9	800.11	797.71	801.01	803.41		801.01						
EW-11												
EW-12	801.13	798.93	801.03	802.83		801.03						
EW-14	801.34	799.14	801.74	807.74		801.74						
MMW-3	800.32	797.82	800.32	801.87		800.32						
MMW-6D	802.95	800.35	803.05	804.05		803.05						
MMW-8D												
MMW-9D	803.97	799.37	805.87	803.47		805.87						
MMW-7S	803.31	801.01	803.31	806.91		803.31						
MMW-7D	806.28	804.28	806.28	807.38		806.28						
MMW-11	805.11	794.21	804.21	800.01		804.21						
MMW-12	804.64	796.64	803.64	801.04		803.64						
MMW-13D	796.69	797.09	802.59	802.19		802.59						
MMW-21	803.26	801.06	803.76	806.36		803.76						
MMW-22D	802.53	800.03	802.33	803.63		802.33						
MMW-25D	804.32	802.02	804.52	805.32		804.52						
MMW-29	802.71	800.41	804.01	804.91		804.01						
MMW-30	800.17	797.97	800.37	801.77		800.37						
MMW-31	799.30	797.40	799.80	801.60		799.80						
MMW-32	801.45	798.75	801.25	803.65		801.25						
MMW-33	799.77	797.87	800.57	801.87		800.57						
MMW-34	799.27	797.57	800.67	800.97		800.67						
MMW-35	800.64	797.44	800.24	800.84		800.24						
SPW	798.27	796.57	798.87	800.57		798.87						

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga

DATE: 4/25/2013

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	15.5	802.83	
EW-8		823.34	21.2	802.14	
EW-9		818.61	15.2	803.41	
EW-11					
EW-12		830.33	27.5	802.83	
EW-14		823.04	15.3	807.74	
MW-3		830.52	28.7	801.87	
MW-6D		826.55	22.5	804.05	
MW-8D					
MW-9D		832.07	28.6	803.47	
MW-7S		823.21	16.3	806.91	
MW-7D		823.28	15.9	807.38	
MW-11		827.61	27.6	800.01	
MW-12		829.74	28.7	801.04	
MW-13D		814.29	12.1	802.19	
MW-21		834.56	28.2	806.36	
MW-22D		831.83	28.2	803.63	
MW-25D		821.52	16.2	805.32	
MW-29		816.51	11.6	804.91	
MW-30		823.47	21.7	801.77	
MW-31		823.00	21.4	801.60	
MW-32		809.85	6.2	803.65	
MW-33		819.37	17.5	801.87	
MW-34		815.37	14.4	800.97	
MW-35		820.34	19.5	800.84	
SPW		822.37	21.8	800.57	

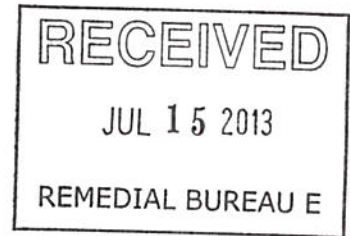
GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga

DATE: 6/4/2013

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	18.6	799.73	
EW-8		823.34	22.9	800.44	
EW-9		818.61	18.4	800.21	
EW-11					
EW-12		830.33	29.2	801.13	
EW-14		823.04	23.1	799.94	
MW-3		830.52	30.2	800.32	
MW-6D		826.55	23.6	802.95	
MW-8D					
MW-9D		832.07	28.6	803.47	
MW-7S		823.21	20.3	802.91	
MW-7D		823.28	17.2	806.08	
MW-11		827.61	24.5	803.11	
MW-12		829.74	28.6	801.14	
MW-13D		814.29	16.5	797.79	
MW-21		834.56	31.1	803.46	
MW-22D		831.83	29.4	802.43	
MW-25D		821.52	18.3	803.22	
MW-29		816.51	17.6	798.91	
MW-30		823.47	23.2	800.27	
MW-31		823.00	23.3	799.70	
MW-32		809.85	8.2	801.65	
MW-33		819.37	16.9	802.47	
MW-34		815.37	15.2	800.17	
MW-35		820.34	19.8	800.54	
SPW		822.37	23.3	799.07	

Village of Endicott
1009 E. Main St.
Endicott, New York 13760



July 11, 2013

Ms. Sherrel Henry
U.S. Environmental Protection Agency, Region II
Emergency & Remediation Response Division
290 Broadway
New York, New York 10007-1866

Re: Endicott Landfill
Operable Unit 2
Endicott, New York

Dear Ms. Henry:

Enclosed please find a copy of our quarterly Landfill Inspection Report (April, 2013 – June, 2013). The inspection was performed on June 28, 2013.

If you have any questions, please call me at 607-757-5352.

Sincerely,

A handwritten signature in black ink, appearing to read "Philip Grayson".

Philip Grayson
Chief Operator, Wastewater

cc: Mr. Payson Long, DEC
Mr. Tim DiGiulio, P.E., DEC
Ms. Jean McCreary, EJ
Mr. Tom Morris, IBM
Mr. Lou Caforio, Town of Union

POST CLOSURE INSPECTION FORM

Checklist

A. Capped Area

Capped area will be inspected by traversing the cover and observing for the following items:

		<u>No</u>	<u>Yes</u>
1.	Is there bare, dead or damaged graseed area?	<u>X</u>	___
2.	Is there evidence of cracks or subsidence?	<u>X</u>	___
3.	Is there evidence of burrowing by animals?	<u>X</u>	___
4.	Is there any deep-rooted vegetation present?	<u>X</u>	___
5.	Is there any erosion damage to grassed areas?	<u>X</u>	___

Comments: (Required for each Yes answer)

B. Paved Areas and Access Roads

The paved areas and access roads on the property will be inspected by traversing their entire length and observing for the following:

		<u>No</u>	<u>Yes</u>
1.	Is there any erosion damage to road/paved surface?	<u>X</u>	___
2.	Are there substantial potholes?	<u>X</u>	___
3.	Is there evidence of cracks or subsidence?	___	<u>X</u>

Comments: (Required for each Yes answer)

There is evidence of cracks and
subsidence in the paved area East of
the Tri-Cities Airport Runway.

C. Site Drainage System

The drainage system will be inspected by traversing the full length of the system and examining for the following:

		<u>No</u>	<u>Yes</u>
Over-Cover Drainage			
1.	Is there any damage to swales?	<u>X</u>	___
2.	Is there any debris in swales?	<u>X</u>	___
3.	Is there any sloughing of cap system?	<u>X</u>	___
Perimeter Drainage			
1.	Is there any damage to drainage ditch?	<u>X</u>	___
2.	Is there any debris or sediment in drainage ditch?	<u>X</u>	___
3.	Seeps observed?	<u>X</u>	___

Comments (Required for each Yes answer)

D. Monitoring Wells

		<u>No</u>	<u>Yes</u>
Monitoring Wells will be inspected for the following:			
1.	Is there any damage to the lock or locking cap?	<u>X</u>	___
2.	Is there any evidence of erosion of soils in the immediate area around the well casing?	<u>X</u>	___
3.	Is concrete collar cracked or settled?	<u>X</u>	___

Comments (Required for each Yes answer)

E. Gas Vents

Gas vents will be inspected for the following:

	<u>No</u>	<u>Yes</u>
1. Is there any damage to the risers?	<u>X</u>	_____
2. Are any insert screens broken or missing?	<u>X</u>	_____

Comments (Required for each Yes answer)

3. Description of Air Monitoring Activities (indicate readings)

F. Security

Site security of the facility will be inspected by examining the following items:

	<u>No</u>	<u>Yes</u>
1. Is there any damage to gates?	<u>X</u>	_____
2. Are there any damaged, missing or obstructed warning signs?	<u>X</u>	_____

Comments (Required for each Yes answer)

Philip Grayson
Inspector
Philip Grayson
Signature

6/28/13
Date