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

October 31, 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 3rd 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:

July, 2013	437,154 gal/day (330 gal/min)
August, 2013	530,871 gal/day (369 gal/min)
September, 2013	537,533 gal/day (373 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 3rd quarter of 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

Suppemental 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	541,000	561,333	0	0	0
2	488,500	416,000	506,000	590,000	552,000	574,250	628,000	466,000	561,333	0	0	0
3	527,000	607,500	598,000	493,000	585,000	574,250	523,000	530,000	561,333	0	0	0
4	569,000	607,500	598,000	560,000	457,000	507,000	830,500	543,500	537,000	0	0	0
5	569,000	557,000	529,000	638,000	608,000	726,000	830,500	543,500	537,000	0	0	0
6	616,000	605,000	541,000	452,000	608,000	447,000	405,333	560,000	508,000	0	0	0
7	616,000	624,000	626,000	598,500	579,000	526,000	405,333	521,500	508,000	0	0	0
8	521,000	675,000	352,000	598,500	538,000	526,000	405,333	521,500	572,000	0	0	0
9	567,000	620,000	646,000	562,000	551,000	601,000	533,000	546,000	572,000	0	0	0
10	538,000	481,500	597,000	600,000	523,000	601,000	559,000	545,000	514,000	0	0	0
11	522,000	481,500	597,000	534,000	523,000	559,000	571,000	584,500	546,000	0	0	0
12	598,000	514,000	529,000	542,000	601,000	520,000	562,000	584,500	530,000	0	0	0
13	600,500	571,000	559,000	542,000	601,000	562,000	539,667	542,000	511,000	0	0	0
14	600,500	600,000	593,000	618,000	549,000	602,000	539,667	502,000	472,000	0	0	0
15	538,000	532,000	573,000	618,000	558,000	562,667	539,667	535,000	575,500	0	0	0
16	608,000	523,000	506,000	568,000	545,000	562,667	581,000	576,000	575,500	0	0	0
17	532,000	613,000	602,000	556,000	524,500	562,667	554,000	495,000	482,000	0	0	0
18	520,000	613,000	602,000	582,000	524,500	582,000	675,000	564,500	600,000	0	0	0
19	570,000	531,000	625,000	664,000	563,500	582,000	449,000	564,500	525,000	0	0	0
20	593,500	570,000	512,000	518,500	563,500	533,500	449,000	519,000	483,000	0	0	0
21	593,500	525,000	623,000	518,500	594,000	533,500	579,500	443,000	539,000	0	0	0
22	710,000	612,000	540,000	605,000	533,000	480,000	579,500	542,000	539,000	0	0	0
23	449,000	478,000	513,000	564,000	593,000	615,500	532,000	527,000	539,000	0	0	0
24	537,000	592,000	618,000	598,000	1,018,000	615,500	533,000	495,000	501,000	0	0	0
25	611,000	592,000	618,000	584,000	422,250	514,000	552,000	571,500	500,000	0	0	0
26	465,000	560,000	523,000	524,000	422,250	493,000	535,000	571,500	512,000	0	0	0
27	609,000	521,000	564,000	502,000	422,250	578,000	254,000	504,000	1,072,000	0	0	0
28	609,000	565,000	605,000	615,000	422,250	563,250	0	529,000	397,333	0	0	0
29	593,000		605,000	615,000	564,000	563,250	0	480,000	397,333	0	0	0
30	560,000		418,000	552,000	554,000	563,250	0	522,000	397,333	0	0	0
31	567,000		608,000		574,250		33,000	487,000		0		0
Total	17,486,000	15,851,000	17,518,000	17,120,000	17,244,250	16,804,500	14,741,250	16,457,000	16,126,000	0	0	0
Ave	564,065	566,107	565,097	570,667	556,266	559,806	437,154	530,871	537,533	0	0	0
Gal/Hr.	23,503	23,588	23,546	23,778	23,178	23,325	19,814	22,120	22,397	0	0	0
Gal/Min	392	393	392	396	386	389	330	369	373	0	0	0

Supplemental Purge Well Readings
2013

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prev.	296105	313591	329442		364080			412870				
1		314255	330034	347568	364651		398692	413411				
2	297082	314671	330540	348158	365203		399320	413877				
3	297609			348651	365788	383047	399843	414407	431011			
4		315886	331736	349211	366245	383554						
5	298747	316443	332265	349849		384280	401504	415494	432085			
6		317048	332806	350301	367461	384727		416054				
7	299979	317672	333432		368040				433101			
8	300500	318347	333784	351498	368578	385779	402720	417097				
9	301067	318967	334430	352060	369129		403253	417643	434245			
10	301605			352660		386981	403812	418188	434759			
11	302127	319930	335624	353194	370175	387540	404383		435305			
12	302725	320444	336153			388060	404945	419357	435835			
13		321015	336712	354278	371377	388622		419899	436346			
14	303926	321615	337305		371926	389224		420401	436818			
15	304464	322147	337878	355514	372484		406564	420936				
16	305072	322670	338384	356082	373029		407145	421512	437969			
17	305604			356638		390912	407699	422007	438451			
18	306124	323896	339588	357220	374078		408374		439051			
19	306694	324427	340213	357884		392076		423136	439576			
20		324997	340725		375205		409272	423655	440059			
21	307881	325522	341348	358921	375799	393143		424098				
22	308591	326134	341888	359526	376332	393623	410431	424640				
23	309040	326612	342401	360090	376925		410963	425167	441676			
24	309577			360688	377943	394854	411496	425662	442177			
25	310188	327796	343637	361272		395368	412048		442677			
26	310653	328356	344160	361796		395861	412583	426805	443189			
27		328877	344724	362298		396439	412837	427309	444261			
28	311871	329442			379632			427838				
29	312464		345934	363528	380196		412837	428318				
30	313024		346352	364080	380750		412837	428840	445453			
31	313591						412870	429327				

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**				**24.7**				**67.1**
Chloromethane	<3.0				<5.0								0
Chloroethane	<3.0				<5.0				<4.0				0
Methylene Chloride	<3.0				<5.0				<2.0				0
Dichlorodifluoromethane	<3.0												0
Trichloroethylene	<3.0				<5.0				**2.2**				2.2
1,1-Dichloroethane	<3.0				<5.0				**3.8**				3.8
1,1-Dichloroethylene	<3.0				<5.0				<2.0				0
cis-1,2-Dichloroethylene	**15**				<5.0				**21.2**				**36.2**
cis-1,3-Dichloropropene	<3.0				<5.0				<2.0				0
Chlorobenzene	<3.0				<5.0				**4.1**				4
Benzene	<3.0				<5.0				<1.0				0
Toluene	<3.0				<5.0				<2.0				0
Chloroform	<3.0				<5.0				<2.0				0
m-Xylene & p-Xylene	<3.0				<5.0				<6.0				0
Total VOC's	**31**				**26.4**				**56**			**0**	**113.4**

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				<2.0				0
Chloromethane	<3.0				<5.0								0
Chloroethane	<3.0				<5.0				<4.0				0
Methylene Chloride	<3.0				<5.0				<2.0				0
Dichlorodifluoromethane	<3.0												0
Trichloroethylene	<3.0				<5.0				<2.0				0
1,1-Dichloroethane	<3.0				<5.0				<2.0				0
1,1-Dichloroethylene	<3.0				<5.0				<2.0				0
cis-1,2-Dichloroethylene	<3.0				<5.0				<2.0				0
cis-1,3-Dichloropropene	<3.0				<5.0				<2.0				0
Chlorobenzene	<3.0				<5.0				<2.0				0
Benzene	<3.0				<5.0				<1.0				0
Toluene	<3.0				<5.0				<2.0				0
Chloroform	<3.0				**8.4**				**2.1**				**10.5**
Bromodichloromethane	<3.0				<5.0				<1.0				0.0
m-Xylene & p-Xylene	<3.0				<5.0				<6.0				0
Total VOC's	**0**				**8.4**				**2.1**				**10.5**

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: 1342425

Certificate of Results

Endicott Waste Water Treatment
Philip Grayson
1009 East Main Street
Endicott, NY 13760

Contact: Philip Grayson
Project Name: Sample Analysis
Date Received: September 24, 2013
Time Received: 3:38 pm

Analytical Testing Parameters

Client Sample ID: **SPW092413G**
Lab Sample ID: **1342425-01**

Collection Date: **9/24/2013**
Collection Time: **9:28 am**
Collected By: PG-Client

VOLATILE ORGANIC COMPOUNDS

Parameter	CAS	DF	Result	Units	PQL	Qualifier	Method	Analyzed	Analyst
1,1,1-Trichloroethane	71-55-6	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
1,1,2,2-Tetrachloroethane	79-34-5	1	<1.00	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0719	JMS
1,1,2-Trichloroethane	79-00-5	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
1,1-Dichloroethane	75-34-3	1	**3.77**	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
1,1-Dichloroethylene	75-35-4	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
1,2-Dichlorobenzene	95-50-1	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
1,2-Dichloroethane	107-06-2	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
1,2-Dichloropropane	78-87-5	1	<1.00	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0719	JMS
1,3-Dichlorobenzene	541-73-1	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
1,4-Dichlorobenzene	106-46-7	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
2-Chloroethylvinyl ether	110-75-8	1	<4.00	ug/L	4.00	**CPA Lib-1, PPL-HCL**	EPA 624	9/26/2013 0719	JMS
Benzene	71-43-2	1	<1.00	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Bromodichloromethane	75-27-4	1	<1.00	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Bromoform	75-25-2	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Bromomethane	74-83-9	1	<4.00	ug/L	4.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Carbon Tetrachloride	56-23-5	1	<1.00	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Chlorobenzene	108-90-7	1	**4.05**	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Chloroethane	75-00-3	1	<4.00	ug/L	4.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Chloroform	67-66-3	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
cis-1,2-Dichloroethylene	156-59-2	1	**21.2**	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
cis-1,3-Dichloropropene	10061-01-5	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Dibromochloromethane	124-48-1	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Ethylbenzene	100-41-4	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Methylene Chloride	75-09-2	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Tetrachloroethylene	127-18-4	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Toluene	108-88-3	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Total Xylenes	1330-20-7	1	<6.00	ug/L	6.00	**CPA**	EPA 624	9/26/2013 0719	JMS
trans-1,2-Dichloroethylene	156-60-5	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
trans-1,3-Dichloropropene	10061-02-6	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS

Microbac LABORATORY SERVICES

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

Work Order Number: 1342425

Certificate of Results

VOLATILE ORGANIC COMPOUNDS

Parameter	CAS	DF	Result	Units	PQL	Qualifier	Method	Analyzed	Analyst
Trichloroethylene	79-01-6	1	**2.18**	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Trichlorofluoromethane	75-69-4	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0719	JMS
Vinyl chloride	75-01-4	1	**24.7**	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0719	JMS
1,2-Dichloroethane-d4	103		**CPA**		% Rec	70-130	EPA 624	9/26/2013 0719	JMS
4-Bromofluorobenzene	104		**CPA**		% Rec	70-130	EPA 624	9/26/2013 0719	JMS
Toluene-d8	97.1		**CPA**		% Rec	70-130	EPA 624	9/26/2013 0719	JMS

Analytical Testing Parameters

Client Sample ID: **Eff092413G**
Lab Sample ID: **1342425-02**

Collection Date: **9/24/2013**
Collection Time: **9:43 am**
Collected By: PG-Client

VOLATILE ORGANIC COMPOUNDS

Parameter	CAS	DF	Result	Units	PQL	Qualifier	Method	Analyzed	Analyst
1,1,1-Trichloroethane	71-55-6	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
1,1,2,2-Tetrachloroethane	79-34-5	1	<1.00	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0747	JMS
1,1,2-Trichloroethane	79-00-5	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
1,1-Dichloroethane	75-34-3	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
1,1-Dichloroethylene	75-35-4	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
1,2-Dichlorobenzene	95-50-1	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
1,2-Dichloroethane	107-06-2	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
1,2-Dichloropropane	78-87-5	1	<1.00	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0747	JMS
1,3-Dichlorobenzene	541-73-1	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
1,4-Dichlorobenzene	106-46-7	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
2-Chloroethylvinyl ether	110-75-8	1	<4.00	ug/L	4.00	**CPA Lib-1, PPL-HCL**	EPA 624	9/26/2013 0747	JMS
Benzene	71-43-2	1	<1.00	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Bromodichloromethane	75-27-4	1	<1.00	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Bromoform	75-25-2	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Bromomethane	74-83-9	1	<4.00	ug/L	4.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Carbon Tetrachloride	56-23-5	1	<1.00	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Chlorobenzene	108-90-7	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Chloroethane	75-00-3	1	<4.00	ug/L	4.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Chloroform	67-66-3	1	**2.06**	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
cis-1,2-Dichloroethylene	156-59-2	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
cis-1,3-Dichloropropene	10061-01-5	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Dibromochloromethane	124-48-1	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Ethylbenzene	100-41-4	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Methylene Chloride	75-09-2	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Tetrachloroethylene	127-18-4	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS

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

Work Order Number: 1342425

Certificate of Results

VOLATILE ORGANIC COMPOUNDS

Parameter	CAS	DF	Result	Units	PQL	Qualifier	Method	Analyzed	Analyst
Toluene	108-88-3	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Total Xylenes	1330-20-7	1	<6.00	ug/L	6.00	**CPA**	EPA 624	9/26/2013 0747	JMS
trans-1,2-Dichloroethylene	156-60-5	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
trans-1,3-Dichloropropene	10061-02-6	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Trichloroethylene	79-01-6	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Trichlorofluoromethane	75-69-4	1	<2.00	ug/L	2.00	**CPA**	EPA 624	9/26/2013 0747	JMS
Vinyl chloride	75-01-4	1	<1.00	ug/L	1.00	**CPA**	EPA 624	9/26/2013 0747	JMS
1,2-Dichloroethane-d4	103		**CPA**	% Rec	70-130		EPA 624	9/26/2013 0747	JMS
4-Bromofluorobenzene	88.9		**CPA**	% Rec	70-130		EPA 624	9/26/2013 0747	JMS
Toluene-d8	97.6		**CPA**	% Rec	70-130		EPA 624	9/26/2013 0747	JMS

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:

- **PPL-HCL** The 2-Chloroethyl vinyl ether analysis was performed on a hydrochloric preserved VOC vial. Please note, this compound is known to degrade in the presence of hydrochloric acid, which may have caused the reported concentration to be biased low.
- **Lib-1:** The concentration was determined by a library search of the appropriate retention time and mass spectral ion pattern.
- **CPA:** Denotes results analyzed by Microbac Laboratories, Inc. Central Pennsylvania Division. NELAP accredited by NYELAP # 11650.
- **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 achived within the specified limits of precision and accuracy of an alaytical 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
LABORATORY SERVICES

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

Work Order Number: 1342425

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:

9/30/2013

Pete Indick
Managing Director

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.

3821 Buck Drive
Cortland, NY 13045
Phone:(607)753-3403 Fax:(607)753-3415
NY #10795, EPA #NY00935

Microbac Laboratories, Inc.
CHAIN OF CUSTODY

Samples must be returned on ice

MNY Workorder #

Client Information		Billing/Invoice:
Name:	Village of Endicott WWTP	
Address:	1009 E. Main St.	
	Endicott, NY 13760	
Contact:	Dave Kucera	
Phone:	607-757-5307	
Project:		
Quote ID:		PO#:

Rush TAT Bus. Days: <2 2-5 5-7 7-10 Date Req.:

Carbon Copy: Yes

Email Results: Yes

Fax Results: Yes

Analysis Requested

EPA 624

Receiving Info (Lab Use Only)

Ice:	YES NO
Cooler:	YES NO
Sample Temp:	2.9 °C
Cooler Seal:	YES NO
Pickup:	YES NO
Dropoff:	C W
Accepted?	YES NO

G1	Container Material
40	Container Size(in Ml)
HCl	Preservative

Sample Information

	Description/Location	Date	Time	Initial	Matrix Type	Number of Containers for Analysis Requested	Comments/Field Data
1	SfwO924136	9/24/13	928am	PG	GH2O Grab	2	
2	Effo924136	9/24/13	943am	PG	WW Grab	2	
3							
4							
5							
6							
7							
8							

	Print Name and Company	Signature	Date/Time	Comments
Received	Philip Grayson, Village of Endicott WWTP		9/24/13 10:42AM	
Received	Elliott T. Timmerman		9-24-13 10:45	
Received:	Rob Mundy		9-24-13 1445	
Received:			9/24/13 15:38	

Microbac Laboratories (MNY) may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to another accredited laboratory.
By signing this document you are attesting that you have been informed by MNY of the intent to subcontract and are in agreement with this action.

v090210

1342425

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		798.73	798.23			
EW-8		797.74	799.24	801.84	802.14		801.84	800.94	798.24	797.54			
EW-9		800.11	797.71	801.01	803.41		801.01	798.91	796.51	795.71			
EW-11													
EW-12		801.13	798.93	801.03	802.83		801.03	801.03	798.33	798.23			
EW-14		801.34	799.14	801.74	807.74		801.74	799.44	796.44	796.34			
MW-3		800.32	797.82	800.32	801.87		800.32	800.82	797.82	797.82			
MW-6D		802.95	800.35	803.05	804.05		803.05	802.35	799.45	798.55			
MW-8D													
MW-9D		803.97	799.37	805.87	803.47		805.87		810.97	810.17			
MW-7S		803.31	801.01	803.31	806.91		803.31	802.51	800.21	799.41			
MW-7D		806.28	804.28	806.28	807.38		806.28	806.48	803.38	802.38			
MW-11		805.11	794.21	804.21	800.01		804.21	802.11	798.01	796.51			
MW-12		804.64	796.64	803.64	801.04		803.64	800.94	798.14	797.94			
MW-13D		796.69	797.09	802.59	802.19		802.59	796.89	793.09	792.29			
MW-21		803.26	801.06	803.76	806.36		803.76	803.46	800.46	800.36			
MW-22D		802.53	800.03	802.33	803.63		802.33	801.43	798.53	798.23			
MW-25D		804.32	802.02	804.52	805.32		804.52	802.82	798.82	798.52			
MW-29		802.71	800.41	804.01	804.91		804.01	798.61	794.91	794.61			
MW-30		800.17	797.97	800.37	801.77		800.37	800.17	797.17	796.67			
MW-31		799.30	797.40	799.80	801.60		799.80	798.90	794.90	794.40			
MW-32		801.45	798.75	801.25	803.65		801.25	800.75	798.65	797.75			
MW-33		799.77	797.87	800.57	801.87		800.57	802.77	797.07	796.87			
MW-34		799.27	797.57	800.67	800.97		800.67	795.27	791.27	790.77			
MW-35		800.64	797.44	800.24	800.84		800.24	805.94	817.74	797.44			
SPW		798.27	796.57	798.87	800.57		798.87	799.07	796.17	795.14			

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		19.6	20.1			
EW-8		25.6	24.1	21.5	21.2		22.9	22.4	25.1	25.8			
EW-9		18.5	20.9	17.6	15.2		18.4	19.7	22.1	22.9			
EW-11													
EW-12		29.2	31.4	29.3	27.5		29.2	29.3	32.0	32.1			
EW-14		21.7	23.9	21.3	15.3		23.1	23.6	26.6	26.7			
MW-3		30.2	32.7	30.2	28.7		30.2	29.7	32.7	32.7			
MW-6D		23.6	26.2	23.5	22.5		23.6	24.2	27.1	28.0			
MW-8D													
MW-9D		28.1	32.7	26.2	28.6		28.6		21.1	21.9			
MW-7S		19.9	22.2	19.9	16.3		20.3	20.7	23.0	23.8			
MW-7D		17.0	19.0	17.0	15.9		17.2	16.8	19.9	20.9			
MW-11		22.5	33.4	23.4	27.6		24.5	25.5	29.6	31.1			
MW-12		25.1	33.1	26.1	28.7		28.6	28.8	31.6	31.8			
MW-13D		17.6	17.2	11.7	12.1		16.5	17.4	21.2	22.0			
MW-21		31.3	33.5	30.8	28.2		31.1	31.1	34.1	34.2			
MW-22D		29.3	31.8	29.5	28.2		29.4	30.4	33.3	33.6			
MW-25D		17.2	19.5	17.0	16.2		18.3	18.7	22.7	23.0			
MW-29		13.8	16.1	12.5	11.6		17.6	17.9	21.6	21.9			
MW-30		23.3	25.5	23.1	21.7		23.2	23.3	26.3	26.8			
MW-31		23.7	25.6	23.2	21.4		23.3	24.1	28.1	28.6			
MW-32		8.4	11.1	8.6	6.2		8.2	9.1	11.2	12.1			
MW-33		19.6	21.5	18.8	17.5		16.9	16.6	22.3	22.5			
MW-34		16.1	17.8	14.7	14.4		15.2	20.1	24.1	24.6			
MW-35		19.7	22.9	20.1	19.5		19.8	14.4	2.6	22.9			
SPW		24.1	25.8	23.5	21.8		23.3	23.3	26.2	27.2			

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga DATE: 7/30/2013

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33		818.33	
EW-8		823.34	22.4	800.94	
EW-9		818.61	19.7	798.91	
EW-11					
EW-12		830.33	29.3	801.03	
EW-14		823.04	23.6	799.44	
MW-3		830.52	29.7	800.82	
MW-6D		826.55	24.2	802.35	
MW-8D					
MW-9D		832.07		832.07	
MW-7S		823.21	20.7	802.51	
MW-7D		823.28	16.8	806.48	
MW-11		827.61	25.5	802.11	
MW-12		829.74	28.8	800.94	
MW-13D		814.29	17.4	796.89	
MW-21		834.56	31.1	803.46	
MW-22D		831.83	30.4	801.43	
MW-25D		821.52	18.7	802.82	
MW-29		816.51	17.9	798.61	
MW-30		823.47	23.3	800.17	
MW-31		823.00	24.1	798.90	
MW-32		809.85	9.1	800.75	
MW-33		819.37	16.6	802.77	
MW-34		815.37	20.1	795.27	
MW-35		820.34	14.4	805.94	
SPW		822.37	23.3	799.07	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga DATE: 8/28/2013

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	19.60	798.73	
EW-8		823.34	25.10	798.24	
EW-9		818.61	22.10	796.51	
EW-11					
EW-12		830.33	32.00	798.33	
EW-14		823.04	26.60	796.44	
MW-3		830.52	32.70	797.82	
MW-6D		826.55	27.10	799.45	
MW-8D					
MW-9D		832.07	21.10	810.97	
MW-7S		823.21	23.00	800.21	
MW-7D		823.28	19.90	803.38	
MW-11		827.61	29.60	798.01	
MW-12		829.74	31.60	798.14	
MW-13D		814.29	21.20	793.09	
MW-21		834.56	34.10	800.46	
MW-22D		831.83	33.30	798.53	
MW-25D		821.52	22.70	798.82	
MW-29		816.51	21.60	794.91	
MW-30		823.47	26.30	797.17	
MW-31		823.00	28.10	794.90	
MW-32		809.85	11.20	798.65	
MW-33		819.37	22.30	797.07	
MW-34		815.37	24.10	791.27	
MW-35		820.34	2.60	817.74	
SPW		822.37	26.20	796.17	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga DATE: 9/26/2013

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	20.1	798.23	
EW-8		823.34	25.8	797.54	
EW-9		818.61	22.9	795.71	
EW-11					
EW-12		830.33	32.1	798.23	
EW-14		823.04	26.7	796.34	
MW-3		830.52	32.7	797.82	
MW-6D		826.55	28.0	798.55	
MW-8D					
MW-9D		832.07	21.9	810.17	
MW-7S		823.21	23.8	799.41	
MW-7D		823.28	20.9	802.38	
MW-11		827.61	31.1	796.51	
MW-12		829.74	31.8	797.94	
MW-13D		814.29	22.0	792.29	
MW-21		834.56	34.2	800.36	
MW-22D		831.83	33.6	798.23	
MW-25D		821.52	23.0	798.52	
MW-29		816.51	21.9	794.61	
MW-30		823.47	26.8	796.67	
MW-31		823.00	28.6	794.40	
MW-32		809.85	12.1	797.75	
MW-33		819.37	22.5	796.87	
MW-34		815.37	24.6	790.77	
MW-35		820.34	22.9	797.44	
SPW		822.37	27.2	795.14	

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

October 2, 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 (July, 2013 – September, 2013). The inspection was performed on September 25, 2013.

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

Sincerely,

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:

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

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:

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

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:

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

Comments *(Required for each Yes answer)*

D. Monitoring Wells

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

Comments *(Required for each Yes answer)*

E. Gas Vents

Gas vents will be inspected for the following:

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

Comments *(Required for each Yes answer)*

There are 3 risers that are tilted (#36, #34 and #10). They will be fixed in the month of October.

3. Description of Air Monitoring Activities *(indicate readings)*

F. Security

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

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

Comments *(Required for each Yes answer)*

Philip Grayson
Inspector

Phil Gray
Signature

9/25/13
Date