

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

January 8, 2015

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 4th quarter of 2014 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:

October, 2014.....	463,871 gal/day (322 gal/min)
November, 2014.....	463,000 gal/day (322 gal/min)
December, 2014.....	469,946 gal/day (326 gal/min)

Within this report are summaries of daily SPW flows, a listing of detectable VOC's for both SPW and final effluent for 2014, and water level readings for 2014.

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: 2014 Gal./Day

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	547,000	534,333	375,000	409,000	198,000	166,500	0	503,000	467,000	457,000	474,000	504,000
2	547,000	534,333	501,500	406,000	178,500	166,500	0	471,667	467,000	459,000	474,000	456,000
3	519,000	534,333	501,500	394,400	178,500	118,000	256,000	471,667	458,000	430,000	474,000	425,000
4	533,333	449,000	407,000	394,400	209,500	104,000	256,000	471,667	483,500	462,333	466,000	450,000
5	533,333	491,000	499,000	394,400	209,500	91,000	256,000	432,000	483,500	462,333	454,000	485,000
6	533,333	512,000	465,000	394,400	178,000	95,000	502,000	468,000	373,000	462,333	465,500	427,000
7	484,000	489,000	432,000	394,400	178,000	50,000	502,000	444,000	500,500	457,000	465,500	509,500
8	560,000	457,000	450,000	410,000	237,000	74,500	461,000	474,000	500,500	454,000	469,667	509,500
9	535,000	524,000	450,000	373,000	237,000	74,500	421,000	448,000	455,000	466,000	469,667	444,000
10	517,000	524,000	450,000	362,000	425,000	59,000	469,333	477,000	462,000	209,000	469,667	471,000
11	483,000	496,000	440,000	332,000	179,500	55,000	469,333	477,000	475,000	659,000	460,500	481,000
12	582,000	519,000	438,000	332,000	179,500	46,000	507,500	471,000	429,000	509,000	460,500	467,250
13	582,000	517,000	452,000	332,000	248,000	37,000	507,500	488,000	429,000	509,000	458,000	467,250
14	503,000	515,000	494,000	332,000	235,000	39,667	507,500	458,000	500,500	452,000	461,750	467,250
15	558,000	459,000	416,667	371,000	238,000	39,667	507,500	458,000	500,500	449,000	461,750	467,250
16	504,000	459,000	416,667	334,000	272,750	39,667	487,500	482,000	455,000	457,000	461,750	454,000
17	522,000	459,000	416,667	305,000	272,750	34,000	487,500	469,000	455,000	435,000	461,750	476,000
18	517,000	477,000	433,000	310,000	272,750	28,000	480,750	469,000	470,000	435,000	430,000	466,000
19	571,000	483,000	433,000	346,333	272,750	26,000	480,750	460,333	426,000	505,500	483,000	467,750
20	571,000	484,000	441,000	346,333	304,000	0	480,750	460,333	434,000	505,500	465,000	467,750
21	504,000	492,000	441,000	346,333	282,000	0	440,000	537,000	506,000	461,000	464,000	467,750
22	612,000	385,000	360,000	307,000	266,000	0	451,000	458,000	450,000	486,000	464,000	467,750
23	484,500	515,000	424,500	323,000	271,000	0	479,000	458,000	462,000	452,000	464,000	478,000
24	484,500	515,000	424,500	303,000	184,750	0	472,000	458,000	490,000	423,000	483,250	469,667
25	518,667	458,000	423,000	243,000	184,750	0	472,000	458,000	525,000	528,500	483,250	469,667
26	518,667	498,000	401,000	202,667	184,750	0	472,000	451,000	322,000	528,500	483,250	472,667
27	518,667	464,000	418,000	202,667	183,000	0	472,000	471,000	493,500	447,000	483,250	472,667
28	495,000	474,000	421,000	202,667	163,000	0	454,000	467,000	493,500	415,000	311,000	472,667
29	518,000		290,000	203,000	166,500	0	495,000	467,000	462,000	474,000	504,000	470,000
30	548,000		436,500	191,000	166,500	0	495,000	467,000				495,333
31	444,000		436,500		166,500		495,000	467,000				495,333
Total	16,348,000	13,718,000	13,374,000	9,797,000	6,941,000	1,344,000	13,135,667	14,512,000	13,944,000	14,380,000	13,890,000	14,568,333
Ave	527,355	489,929	431,419	326,567	223,903	49,778	475,679	468,129	464,800	463,871	463,000	469,946
Gal/Hr.	21,973	20,414	17,976	13,607	9,329	2,074	17,655	19,505	19,367	19,328	19,292	19,581
Gal/Min	366	340	300	227	155	35	294	325	323	322	322	326

Supplemental Purge Well Flow Meter Readings 2014

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prev.	493662	510010	523728	537102	546899	553840		568250		596706		
1			524103	537511	547097			568753		597163		625480
2	494756			537917		554173			583696	597622		625936
3	495275	511613	525106		547454	554291			584154	598052	612508	626361
4		512062	525513			554395		570168			612974	626811
5		512553	526012		547873	554486	555952	570600	585121		613428	627286
6	496875	513065	526477			554581		571068	585494	599439		627723
7	497359	513554	526909	539889	548229	554631	556956	571512		599896	614359	
8	497919	514011		540299			557417	571986	586495	600350		628742
9	498454			540672	548703	554780	557838	572434	586950	600816	615768	629186
10	498971	515059	528259	541034	549128	554839			587412	601025		629657
11	499454	515555	528699			554894		573388	587887	601684	616689	630138
12		516074	529137		549487	554940	559246	573859				
13	500618	516591	529589		549735	554977		574347	588745	602702	617147	
14	501121	517106	530083	542362	549970		560261	574805		603154		
15	501679			542733	550208		560737	575269	589746	603603		632007
16	502183			543067		555096		575751	590211	604060		632461
17	502705	518483	531333	543372		555130	561712		590666		618994	632937
18	503222	518960		543682		555158		576689	591562	604930	619424	633403
19		519443	532199		551299	555184			591996	605941	620372	
20	504364	519927	532626		551603			578070		606402		
21	504868	520419	533067	544721	551885		563635		593008	606888		635274
22	505480	520804	533427	545028	552151		564075	578607	593458	607356		635752
23				545351	552422		564526		593920	607808	622228	
24	506449	521834	534276	545654			565005		594410	608231		
25		522292	534699	545897					594935			637161
26		522790	535100					580439	595257	609288		
27	508005	523254	535518		553161			580890		609735	624161	
28	508500	523728	535939	546505	553344		566893	581361		610150	624472	638579
29	509018		536229	546708	553507		567347		596244	610612		639049
30	509566			546899			567752		596706			
31	510010		537102		553840		568250					

Supplemental Purge Well
Monthly Analysis: VOC's
2014 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride			15.8		28.6				18.1		22.4		84.9
Chloromethane			<1.0		<1.0				<1.0		<1.0		<1.0
Chloroethane			1.3		<1.0				<1.0		<1.0		1.3
Methylene Chloride			<1.0		<1.0				<1.0		<1.0		<1.0
Dichlorodifluoromethane			<1.0		<1.0				<1.0		<1.0		<1.0
Trichloroethylene			<1.0		<1.0				<1.0		<1.0		<1.0
1,1-Dichloroethane			2.0		<1.0				2.19		2.45		6.6
1,1-Dichloroethylene			<1.0		<1.0				<1.0		<1.0		<1.0
cis-1,2-Dichloroethylene			15.4		16.3				18.9		19.7		70.3
cis-1,3-Dichloropropene			<1.0		<1.0				<1.0		<1.0		<1.0
Chlorobenzene			2.6		3.1				2.72		2.46		10.9
Benzene			<1.0		<1.0				<1.0		<1.0		<1.0
Toluene			<1.0		<1.0				<1.0		<1.0		<1.0
Chloroform			<1.0		<1.0				<1.0		<1.0		<1.0
m-Xylene & p-Xylene			<2.0		<2.0				<2.0		<2.0		<2.0
Total VOC's			37.1		48.0				41.9		47.0		174

Final Effluent
Monthly Analysis: VOC's
2014 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride			<1.0		<1.0				<1.0		<1.0		<1.0
Chloromethane			<1.0		<1.0				<1.0		<1.0		<1.0
Chloroethane			<1.0		<1.0				<1.0		<1.0		<1.0
Methylene Chloride			<1.0		<1.0				<1.0		<1.0		<1.0
Dichlorodifluoromethane			<1.0		<1.0				<1.0		<1.0		<1.0
Trichloroethylene			<1.0		<1.0				<1.0		<1.0		<1.0
1,1-Dichloroethane			<1.0		<1.0				<1.0		<1.0		<1.0
1,1-Dichloroethylene			<1.0		<1.0				<1.0		<1.0		<1.0
cis-1,2-Dichloroethylene			<1.0		<1.0				<1.0		<1.0		<1.0
cis-1,3-Dichloropropene			<1.0		<1.0				<1.0		<1.0		<1.0
Chlorobenzene			<1.0		<1.0				<1.0		<1.0		<1.0
Benzene			<1.0		<1.0				<1.0		<1.0		<1.0
Toluene			<1.0		<1.0				<1.0		<1.0		<1.0
Chloroform			<1.0		4.1				5.12		<1.0		9.22
Bromodichloromethane			<1.0		2.1				10.0		<1.0		12.1
m-Xylene & p-Xylene			<2.0		<2.0				<2.0		<2.0		<2.0
Total VOC's			<2.0		6.2				15.1		<2.0		21.3



Benchmark Analytics Sayre, A Microbac Laboratory

CERTIFICATE OF ANALYSIS

S4K0949

Village of Endicott WWTP

Project Name: Quarterly EPA 624

Philip Grayson
1009 East Main Street
Endicott, NY 13760

Project / PO Number: N/A
Received: 11/12/2014 16:23
Reported: 01/07/2015 14:38

Analytical Testing Parameters

Client Sample ID: SPW111214G
Lab Sample ID: S4K0949-01
Sample Type: Grab

Collection Date: 11/12/14
Collection Time: 08:35
Collected By: David Kucera

Benchmark Analytics Sayre, A Microbac Laboratory

Volatile Organic Compounds - GC/MS

	Result	MCL	PQL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 624								
Benzene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Bromodichloromethane	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Bromoform	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Carbon tetrachloride	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Chlorobenzene	2.46		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Chloroform	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Dibromochloromethane	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
1,3-Dichlorobenzene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
1,4-Dichlorobenzene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
1,2-Dichlorobenzene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
1,2-Dichloroethane	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
1,1-Dichloroethane	2.45		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
cis-1,2-Dichloroethene	19.7		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
1,1-Dichloroethene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
trans-1,2-Dichloroethene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
1,2-Dichloropropane	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
trans-1,3-Dichloropropene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
cis-1,3-Dichloropropene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Ethylbenzene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Methyl bromide (Bromomethane)	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Methyl tert-butyl ether (MTBE)	<2.00		2.00	ug/L	Y	11/18/14 1131	11/18/14 1131	RJH
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Tetrachloroethene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Toluene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
1,1,2-Trichloroethane	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
1,1,1-Trichloroethane	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Trichloroethene	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
Vinyl chloride	22.4		1.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
o-Xylene	<1.00		1.00	ug/L	Y	11/18/14 1131	11/18/14 1131	RJH
m,p-Xylene	<2.00		2.00	ug/L	Y	11/18/14 1131	11/18/14 1131	RJH

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Benchmark Analytics Sayre, A Microbac Laboratory

CERTIFICATE OF ANALYSIS

S4K0949

Analytical Testing Parameters

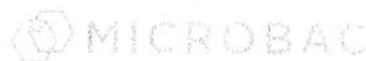
Client Sample ID: SPW111214G
Lab Sample ID: S4K0949-01
Sample Type: Grab

Collection Date: 11/12/14
Collection Time: 08:35
Collected By: David Kucera

Benchmark Analytics Sayre, A Microbac Laboratory

Volatile Organic Compounds - GC/MS

	Result	MCL	PQL	Units	Note	Prepared	Analyzed	Analyst
Xylenes (total)	<3.00		3.00	ug/L		11/18/14 1131	11/18/14 1131	RJH
4-Bromofluorobenzene	97.0	81-113		% Rec		11/18/14 1131	11/18/14 1131	RJH
1,2-Dichloroethane-d4	106	64-126		% Rec		11/18/14 1131	11/18/14 1131	RJH
Toluene-d8	102	84-116		% Rec		11/18/14 1131	11/18/14 1131	RJH



Benchmark Analytics Sayre, A Microbac Laboratory

CERTIFICATE OF ANALYSIS

S4K0949

Analytical Testing Parameters

Client Sample ID: EFF111214G
Lab Sample ID: S4K0949-02
Sample Type: Grab

Collection Date: 11/12/14
Collection Time: 08:50
Collected By: David Kucera

Benchmark Analytics Sayre, A Microbac Laboratory

Volatile Organic Compounds - GC/MS

	Result	MCL	PQL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 624								
Benzene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Bromodichloromethane	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Bromoform	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Carbon tetrachloride	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Chlorobenzene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Chloroform	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Dibromochloromethane	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
1,3-Dichlorobenzene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
1,4-Dichlorobenzene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
1,2-Dichlorobenzene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
1,2-Dichloroethane	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
1,1-Dichloroethane	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
cis-1,2-Dichloroethene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
1,1-Dichloroethene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
trans-1,2-Dichloroethene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
1,2-Dichloropropane	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
trans-1,3-Dichloropropene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
cis-1,3-Dichloropropene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Ethylbenzene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Methyl bromide (Bromomethane)	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Methyl tert-butyl ether (MTBE)	<2.00		2.00	ug/L	Y	11/18/14 1159	11/18/14 1159	RJH
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Tetrachloroethene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Toluene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
1,1,2-Trichloroethane	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
1,1,1-Trichloroethane	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Trichloroethene	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
Vinyl chloride	<1.00		1.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
o-Xylene	<1.00		1.00	ug/L	Y	11/18/14 1159	11/18/14 1159	RJH
m,p-Xylene	<2.00		2.00	ug/L	Y	11/18/14 1159	11/18/14 1159	RJH
Xylenes (total)	<3.00		3.00	ug/L		11/18/14 1159	11/18/14 1159	RJH
4-Bromofluorobenzene	99.4		81-113	% Rec		11/18/14 1159	11/18/14 1159	RJH
1,2-Dichloroethane-d4	108		64-126	% Rec		11/18/14 1159	11/18/14 1159	RJH
Toluene-d8	102		84-116	% Rec		11/18/14 1159	11/18/14 1159	RJH



Benchmark Analytics Sayre, A Microbac Laboratory

CERTIFICATE OF ANALYSIS

S4K0949

Definitions

Y: This analyte is not on the the laboratory's current Scope of Accreditation.
PQL: Practical Qualitation Limit
MCL: Maximum Contamination Level

Cooler Receipt Log:

Cooler ID:	Default Cooler	Received On Ice (or not required):	Yes
Cooler Temp:	3.0 °C	Preservation Correct (or not required):	Yes
COC/Labels Agree:	Yes	Custody Seals Intact and/or No Evidence of Tampering	Yes
Containers Intact:	Yes		

Project Requested Certification(s):

Certificate ID
Benchmark Analytics Sayre, A Microbac Laboratory
NY-Sayre NYSDOH NY Lab ID No.: 11216

Agency
New York State Department of Health

Report Comments:

In accordance with NYSDOH-ELAP and NELAP, any non-conformance of these regulations are noted directly on the laboratory as qualifiers and/or noted in the case narrative.

Reviewed and Approved By:

Michael Fifield
Division Manager

Go Green:

Contact your project manager to set up email reporting and invoicing options.

For any feedback concerning our services, please contact your Project Manager listed above at 570-888-0169. You may also contact Trevor Boyce President, at president@microbac.com.

3821 Buck Drive
 Cortland NY 13045
 Phone: (607)753-3403 Fax: (607)753-3415
 NY #10795, EPA #NY00835

Microbac Laboratories, Inc. CHAIN OF CUSTODY

Client Information				Billing/Invoice:		Analysis Requested		Receiving Info (Lab Use Only)		
Name:	Endicott WWTP			PO#:	Date Req.:			Ice:	YES NO	
Address:	1009 East Main St Endicott, NY 13760							Cooler:	YES NO	
Contact:	Philip Grayson							Sample Temp:	YES NO	
Phone:	(607)-757-5307							Cooler Seal:	YES NO	
Project:	Quarterly EPA 621							Pickup:	YES NO	
Quote ID:								Dropoff:	YES NO	
Rush TAT Bus. Days: < 2-5 5-7 7-10				Carbon Copy: Yes						
Email Results: Yes				graysonpb@hotmail.com						
Fax Results: Yes				607-757-5308						
Sample Information										
Description/Location	Date	Time	Initial	Matrix	Type	Number of Containers for Analysis Requested				
1 SPW 11/12/14 G	11/12/14	8:35AM	DK	WLR	Grab	2				
2 EFF 11/12/14 G	11/12/14	8:50AM	DK	WLR	Grab	2				
3										
4										
5										
6										
7										
8										
Print Name and Company						Signature		Date/Time		Comments
Sampled: Dave Kucera						Dave Kucera		11/12/14		
Received: JOSEPH PATANE						J. Patane		11/12/14		
Received: Anna Wiman						Anna Wiman		11/12/14 1623 30C JP		



GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2014

Well No.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4												
B-21												
EW-3D			796.23	798.93		N/R	818.33	794.03			794.63	796.43
EW-8			800.14	803.04		801.84	823.34	797.84			798.24	799.64
EW-9			799.01	802.01		804.21	818.61	797.01			797.91	799.81
EW-11												
EW-12			802.43	805.93		N/R	830.33	801.03			798.63	800.73
EW-14			803.44	806.74		N/R	823.04	801.54			799.84	801.84
MW-3			800.42	802.52		802.22	830.52	797.42			795.42	798.12
MW-6D			801.55	805.45		803.35	826.55	799.55			798.95	801.25
MW-8D												
MW-9D			815.37	813.77		N/R		808.47			809.27	811.47
MW-7S			801.51	804.01		803.31	823.21	799.01			797.61	799.91
MW-7D			803.18	804.48		819.88	823.28	799.68			798.38	800.88
MW-11			795.51	798.31		N/R	827.61	793.11			793.31	795.41
MW-12			797.84	801.24		N/R	829.74	796.14			795.84	798.34
MW-13D			796.09	798.79		801.49	814.29	793.99			794.19	795.69
MW-21			802.96	805.36		N/R	834.56	800.26			799.66	802.46
MW-22D			801.13	804.53		803.73	831.83	799.53			799.23	801.73
MW-25D			801.82	805.32		803.92	821.52	799.82			800.02	801.92
MW-29			801.41	802.81		803.41	816.51	797.01			800.91	802.31
MW-30			799.27	802.37		801.17	823.47	796.57			797.77	799.77
MW-31			799.20	801.90		801.30	823.00	796.40			797.50	799.60
MW-32			799.25	800.75		N/R	809.85	796.95			798.25	800.35
MW-33			799.57	803.17		801.77	819.37	797.17			798.27	799.77
MW-34			798.07	800.17		801.07	815.37	794.27			794.77	796.67
MW-35			799.24	802.04		N/R	820.34	797.04			797.04	799.04
SPW			799.27	802.07		N/R	822.37	796.87			797.67	799.97

GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2014

Well No.	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4												
B-21												
EW-3D			22.1	19.4		N/R		24.3	0.0	0.0	23.7	21.9
EW-8			23.2	20.3		21.5	0.0	25.5	0.0	0.0	25.1	23.7
EW-9			19.6	16.6		14.4	0.0	21.6	0.0	0.0	20.7	18.8
EW-11												
EW-12			27.9	24.4		N/R	0.0	29.3	0.0	0.0	31.7	29.6
EW-14			19.6	16.3		N/R	0.0	21.5	0.0	0.0	23.2	21.2
MW-3			30.1	28.0		28.3	0.0	33.1	0.0	0.0	35.1	32.4
MW-6D			25.0	21.1		23.2	0.0	27.0	0.0	0.0	27.6	25.3
MW-8D												
MW-9D			16.7	18.3		N/R		23.6	0.0	0.0	22.8	20.6
MW-7S			21.7	19.2		19.9	0.0	24.2	0.0	0.0	25.6	23.3
MW-7D			20.1	18.8		3.4	0.0	23.6	0.0	0.0	24.9	22.4
MW-11			32.1	29.3		N/R	0.0	34.5	0.0	0.0	34.3	32.2
MW-12			31.9	28.5		N/R	0.0	33.6	0.0	0.0	33.9	31.4
MW-13D			18.2	15.5		12.8	0.0	20.3	0.0	0.0	20.1	18.6
MW-21			31.6	29.2		N/R	0.0	34.3	0.0	0.0	34.9	32.1
MW-22D			30.7	27.3		28.1	0.0	32.3	0.0	0.0	32.6	30.1
MW-25D			19.7	16.2		17.6	0.0	21.7	0.0	0.0	21.5	19.6
MW-29			15.1	13.7		13.1	0.0	19.5	0.0	0.0	15.6	14.2
MW-30			24.2	21.1		22.3	0.0	26.9	0.0	0.0	25.7	23.7
MW-31			23.8	21.1		21.7	0.0	26.6	0.0	0.0	25.5	23.4
MW-32			10.6	9.1		N/R	0.0	12.9	0.0	0.0	11.6	9.5
MW-33			19.8	16.2		17.6	0.0	22.2	0.0	0.0	21.1	19.6
MW-34			17.3	15.2		14.3	0.0	21.1	0.0	0.0	20.6	18.7
MW-35			21.1	18.3		N/R	0.0	23.3	0.0	0.0	23.3	21.3
SPW			23.1	20.3		N/R	0.0	25.5	0.0	0.0	24.7	22.4

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga

DATE: 11/7/2014

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	23.7	794.63	
EW-8		823.34	25.1	798.24	
EW-9		818.61	20.7	797.91	
EW-11					
EW-12		830.33	31.7	798.63	
EW-14		823.04	23.2	799.84	
MW-3		830.52	35.1	795.42	
MW-6D		826.55	27.6	798.95	
MW-8D					
MW-9D		832.07	22.8	809.27	
MW-7S		823.21	25.6	797.61	
MW-7D		823.28	24.9	798.38	
MW-11		827.61	34.3	793.31	
MW-12		829.74	33.9	795.84	
MW-13D		814.29	20.1	794.19	
MW-21		834.56	34.9	799.66	
MW-22D		831.83	32.6	799.23	
MW-25D		821.52	21.5	800.02	
MW-29		816.51	15.6	800.91	
MW-30		823.47	25.7	797.77	
MW-31		823.00	25.5	797.50	
MW-32		809.85	11.6	798.25	
MW-33		819.37	21.1	798.27	
MW-34		815.37	20.6	794.77	
MW-35		820.34	23.3	797.04	
SPW		822.37	24.7	797.67	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga

DATE: 12/17/2014

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	21.9	796.43	
EW-8		823.34	23.7	799.64	
EW-9		818.61	18.8	799.81	
EW-11					
EW-12		830.33	29.6	800.73	
EW-14		823.04	21.2	801.84	
MW-3		830.52	32.4	798.12	
MW-6D		826.55	25.3	801.25	
MW-8D					
MW-9D		832.07	20.6	811.47	
MW-7S		823.21	23.3	799.91	
MW-7D		823.28	22.4	800.88	
MW-11		827.61	32.2	795.41	
MW-12		829.74	31.4	798.34	
MW-13D		814.29	18.6	795.69	
MW-21		834.56	32.1	802.46	
MW-22D		831.83	30.1	801.73	
MW-25D		821.52	19.6	801.92	
MW-29		816.51	14.2	802.31	
MW-30		823.47	23.7	799.77	
MW-31		823.00	23.4	799.60	
MW-32		809.85	9.5	800.35	
MW-33		819.37	19.6	799.77	
MW-34		815.37	18.7	796.67	
MW-35		820.34	21.3	799.04	
SPW		822.37	22.4	799.97	

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

January 9, 2015

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 (October, 2014 – December, 2014). The inspection was performed on December 30, 2014.

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:

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

Comments: *(Required for each Yes answer)*

Yes, the paved area East of the Tri-Cities Airport shows evidence of cracks and subsidence

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

12/30/14
Date