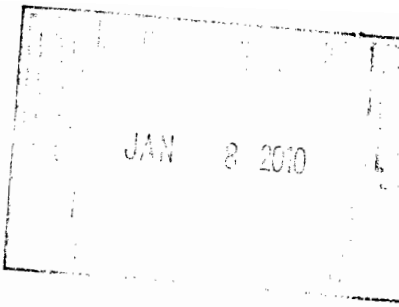
Village of Endicott
Industrial Pretreatment Dept.
c/o 1009 E. Main St.
Endicott, New York 13760



January 6, 2010

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 2009 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, 2009.....	642,839 gal/day	(446 gal/min)
November, 2009.....	655,311 gal/day	(455 gal/min)
December, 2009.....	651,828 gal/day	(453 gal/min)

Within this report are summaries of daily SPW flows, a listing of detectable VOC's for the SPW and final effluent and water level readings for the 4th quarter of 2009.

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

Sincerely,

Philip Grayson
Sewer Pretreatment Admin.

cc: NYSDEC, Payson Long
NYSDEC, James Burke, P.E.
Malcolm Pirnie, Inc., Bruce Nelson

Supplemental Purge Well Readings
2009

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prev.	465611	482758	497180	512989	527251		551355	555933	575878	595444	615372	
1				513421	527692	540231	551678	556504	576495	596041		635696
2	466809	483917	498195	513918	528097	540643	552015		577082	596677	616767	636326
3	467332	484343	498776	514438		541076	552335	557808	577892	597247	617403	636974
4		484947	499264	514886	528964	541518	552470	558495	578584		618052	637596
5	468535	485504	499770		529460	541943		559204	579133	598598	618712	638254
6	469079	486026	500315	515895	529828	542275		559794		599190	619334	
7		486422	500718	516370	530220		553110	560394	580428	599992	620038	
8	470192			516879	530649	543076	553289	561002	581164	600497		640263
9	470717	487469	501705	517374	531125	543572	553491		581800	601072	621331	640883
10	471303	487957	502219	517894		544092	553671	562374	582455	601736	622016	641520
11		488563	502745	518331	532041	544312	553804	562924	583075		622661	642172
12	472495	489000	503254		532402			563632	583693	603034	623383	642831
13	473077	489588	503774	519312	532826	545012	554163	564244		603720	624035	
14		490047	504308	519795	533273		554262			604360	624578	644171
15	474157			520249	533714		554395	565529	585706	605041		644752
16	474718	491115	505355	520740	534053	546161			586286	605698	625917	645359
17	475201	491624	505888	521240		546624	554645	566852	586911	606280	626539	646120
18		492144	506458	521656	535040	546934	554744	567501	587561		627210	646772
19	476923	492596	506893		535391	547284		568130			627875	647344
20		493071		522721	535756	547637	554920	568769		608350	628527	
21	477447		507909	523086	536068		555065	569394	589506	608922	629122	648723
22				523533		548398	555143	570007	590116	609602		649320
23	478589	494660	508928	524070	536424		555222		590816	610194	630539	650121
24	479004	495163	509432			549148	555360	571328	591449	610782	631083	
25		495675	509959	524896	537372	549594		572019			631708	
26	480231	496208	510448		537708	549935		572624	592709	612202	632328	651942
27	480630	496738		525833	538132	550274	555436	573254		612801	633080	
28	481281	497180	511426	526339	538532			573957	593997	613527	633702	653274
29	481785			526856	538952	551047		574555	594640	614216		653958
30	482264		512447	527251	539396	551355			595444			654610
31	482758		512989				555933	575878		615372		655238

Suppemental Purge Well
Daily Flow Readings: 2009
Gal./Day

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	599,000	551,000	507,500	432,000	441,000	417,500	323,000	571,000	617,000	597,000	697,500	664,667
2	599,000	551,000	507,500	497,000	405,000	412,000	337,000	652,000	587,000	636,000	697,500	630,000
3	523,000	515,000	581,000	520,000	433,500	433,000	320,000	652,000	810,000	570,000	636,000	648,000
4	601,500	515,000	488,000	448,000	433,500	442,000	135,000	687,000	692,000	675,500	649,000	622,000
5	601,500	557,000	506,000	504,500	496,000	425,000	213,333	709,000	549,000	675,500	660,000	658,000
6	544,000	522,000	545,000	504,500	368,000	332,000	213,333	590,000	647,500	592,000	622,000	669,667
7	556,500	396,000	403,000	475,000	392,000	400,500	213,333	600,000	647,500	802,000	704,000	669,667
8	556,500	523,500	493,500	509,000	429,000	400,500	179,000	608,000	736,000	505,000	646,500	669,667
9	525,000	523,500	493,500	495,000	476,000	496,000	202,000	686,000	636,000	575,000	646,500	620,000
10	586,000	488,000	514,000	520,000	916,000	520,000	180,000	686,000	655,000	664,000	685,000	637,000
11	596,000	606,000	526,000	437,000	458,000	220,000	133,000	550,000	620,000	649,000	645,000	652,000
12	596,000	437,000	509,000	490,500	361,000	350,000	179,500	708,000	618,000	649,000	722,000	659,000
13	582,000	588,000	520,000	490,500	424,000	350,000	179,500	612,000	671,000	686,000	652,000	670,000
14	540,000	459,000	534,000	483,000	447,000	383,000	99,000	642,500	671,000	640,000	543,000	670,000
15	540,000	534,000	523,500	454,000	441,000	383,000	133,000	642,500	671,000	681,000	669,500	581,000
16	561,000	534,000	523,500	491,000	339,000	383,000	125,000	661,500	580,000	657,000	669,500	607,000
17	483,000	509,000	533,000	500,000	493,500	463,000	125,000	661,500	625,000	582,000	622,000	761,000
18	861,000	520,000	570,000	416,000	493,500	310,000	99,000	649,000	650,000	690,000	671,000	652,000
19	861,000	452,000	435,000	532,500	351,000	350,000	88,000	629,000	648,333	690,000	665,000	572,000
20	262,000	475,000	508,000	532,500	365,000	353,000	88,000	639,000	648,333	690,000	652,000	689,500
21	262,000	529,667	508,000	365,000	312,000	380,500	145,000	625,000	648,333	572,000	595,000	689,500
22	571,000	529,667	509,500	447,000	178,000	380,500	78,000	613,000	610,000	680,000	708,500	597,000
23	571,000	529,667	509,500	537,000	178,000	375,000	79,000	660,500	700,000	592,000	708,500	801,000
24	415,000	503,000	504,000	413,000	474,000	375,000	138,000	660,500	633,000	588,000	544,000	607,000
25	613,500	512,000	527,000	413,000	474,000	446,000	25,333	691,000	630,000	710,000	625,000	607,000
26	613,500	533,000	489,000	468,500	336,000	341,000	25,333	605,000	630,000	710,000	620,000	607,000
27	399,000	530,000	489,000	468,500	424,000	339,000	25,333	630,000	644,000	599,000	752,000	666,000
28	651,000	442,000	489,000	506,000	400,000	386,500	0	703,000	644,000	726,000	622,000	666,000
29	504,000		510,500	517,000	420,000	386,500	0	598,000	643,000	689,000	664,667	684,000
30	479,000		510,500	395,000	444,000	308,000	248,500	661,500	804,000	578,000	664,667	652,000
31	494,000		542,000		417,500		248,500	661,500		578,000		628,000
Total	17,147,000	14,365,000	15,809,000	14,262,000	13,020,500	11,541,500	4,578,000	19,945,000	19,566,000	19,928,000	19,659,333	20,206,667
Ave	553,129	513,036	509,968	475,400	420,016	387,426	124,987	643,387	652,200	642,839	655,311	651,828
Gal/Hr.	23,047	21,376	21,249	19,808	17,501	16,143	6,153	26,808	27,175	26,785	27,305	27,159
Gal/Min	384	356	354	330	292	269	103	447	453	446	455	453

Supplemental Purge Well
Monthly Analysis: VOC's
2009 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride		**38**			**23**		**26**			**20**			**107**
Chloromethane		<6			<6		<6			<3			0
Chloroethane		**12**			**6.3**		**14**			**6.5**			**38.8**
Methylene Chloride		<6			<6		<6			<3			0
Dichlorodifluoromethane		<6			<6		<6			<3			0
Trichloroethene		<6			<6		<6			<3			0
1,1-Dichloroethane		<6			<6		<6			**3.4**			3.4
1,1-Dichloroethene		<6			<6		<6			<3			0
cis-1,2-Dichloroethene		**36**			**23**		**14**			**22**			**95**
cis-1,3-Dichloropropene		<6			<6		<6			<3			0
Chlorobenzene		<6			<6		<6			<3			0
Benzene		<6			<6		<6			<3			0
Toluene		<6			<6		<6			<3			0
Chloroform		<6			<6		<6			<3			0
m-Xylene & p-Xylene		<6			<6		<6			<3			0
Total VOC's		**86**			**52.3**		**54**			**51.9**			**244.2**

Final Effluent
Monthly Analysis: VOC's
2009 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride		<2			<2		<2			<2			0
Chloromethane		<3			<3		<3			<3			0
Chloroethane		<3			<3		<3			<3			0
Methylene Chloride		<3			<3		<3			<3			0
Dichlorodifluoromethane		<3			<3		<3			<3			0
Trichloroethene		<3			<3		<3			<3			0
1,1-Dichloroethane		<3			<3		<3			<3			0
1,1-Dichloroethene		<3			<3		<3			<3			0
cis-1,2-Dichloroethene		<3			<3		<3			<3			0
cis-1,3-Dichloropropene		<3			<3		<3			<3			0
Chlorobenzene		<3			<3		<3			<3			0
Benzene		<3			<3		<3			<3			0
Toluene		<3			<3		<3			<3			0
Chloroform		<3			**7.2**		**22**			<3			**29.2**
Bromodichloromethane		<3			**5.0**		**13**			<3			**18.0**
m-Xylene & p-Xylene		<3			<3		<3			<3			0
Total VOC's		**0**			**12.2**		**35**			**0**			**47.2**

Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209
Mailing: Box 169 * Syracuse, NY 13206
Albany (518) 459-3134 * Binghamton (607) 724-0478 * Buffalo (716) 972-0371
Rochester (866) 437-0255 * New Jersey (908) 581-4285

Mr. Philip Grayson, Lab. Director
Village of Endicott
Wastewater Treatment Laboratory
1009 E. Main St.
Endicott, NY 13760

Friday, October 30, 2009

RE: Analytical Report:
Quarterly-SPW/Eff

Order No.: U0910470

Dear Mr. Philip Grayson, Lab. Director:

Upstate Laboratories, Inc. received 2 sample(s) on 10/21/2009 for the analyses presented in the following report.

All analytical results relate to the samples as received by the laboratory.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.
Anthony J. Scala
Anthony J. Scala
President/CEO

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Oct-09*

CLIENT:	Village of Endicott	**Client Sample ID:**	SPW 102109G
Lab Order:	U0910470	**Collection Date:**	10/21/2009 9:50:00 AM
Project:	Quarterly-SPW/Eff		
Lab ID:	U0910470-001	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PURGEABLES PRIORITY POLLUTANTS			**624_W**			Analyst: **LEF**
1,1,1-Trichloroethane	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
1,1-Dichloroethane	3.4	3.0		µg/L	1	10/29/2009 6:06:00 AM
1,1-Dichloroethene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
1,2-Dichlorobenzene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
1,2-Dichloroethane	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
1,2-Dichloropropane	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
1,3-Dichlorobenzene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
1,4-Dichlorobenzene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
2-Chloroethyl vinyl ether	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Acrolein	ND	50		µg/L	1	10/29/2009 6:06:00 AM
Acrylonitrile	ND	50		µg/L	1	10/29/2009 6:06:00 AM
Benzene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Bromodichloromethane	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Bromoform	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Bromomethane	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Carbon tetrachloride	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Chlorobenzene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Chloroethane	6.5	3.0		µg/L	1	10/29/2009 6:06:00 AM
Chloroform	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Chloromethane	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
cis-1,2-Dichloroethene	22	3.0		µg/L	1	10/29/2009 6:06:00 AM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Dibromochloromethane	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Dichlorodifluoromethane	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Ethylbenzene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
m,p-Xylene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Methylene chloride	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
o-Xylene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Tetrachloroethene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Toluene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Trichloroethene	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Trichlorofluoromethane	ND	3.0		µg/L	1	10/29/2009 6:06:00 AM
Vinyl chloride	20	2.0		µg/L	1	10/29/2009 6:06:00 AM

Approved By: AB **Date:** 10-30-09

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Oct-09*

CLIENT:	Village of Endicott	**Client Sample ID:**	EFF 102109G
Lab Order:	U0910470	**Collection Date:**	10/21/2009 10:05:00 AM
Project:	Quarterly-SPW/Eff		
Lab ID:	U0910470-002	**Matrix:**	WASTE WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PURGEABLES PRIORITY POLLUTANTS			**624_W**			Analyst: **LEF**
1,1,1-Trichloroethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
1,1-Dichloroethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
1,1-Dichloroethene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
1,2-Dichlorobenzene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
1,2-Dichloroethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
1,2-Dichloropropane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
1,3-Dichlorobenzene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
1,4-Dichlorobenzene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
2-Chloroethyl vinyl ether	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Acrolein	ND	50		µg/L	1	10/29/2009 5:27:00 AM
Acrylonitrile	ND	50		µg/L	1	10/29/2009 5:27:00 AM
Benzene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Bromodichloromethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Bromoform	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Bromomethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Carbon tetrachloride	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Chlorobenzene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Chloroethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Chloroform	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Chloromethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
cis-1,2-Dichloroethene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Dibromochloromethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Dichlorodifluoromethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Ethylbenzene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
m,p-Xylene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Methylene chloride	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
o-Xylene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Tetrachloroethene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Toluene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Trichloroethene	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Trichlorofluoromethane	ND	3.0		µg/L	1	10/29/2009 5:27:00 AM
Vinyl chloride	ND	2.0		µg/L	1	10/29/2009 5:27:00 AM

Approved By: AB **Date:** 10-30-09

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

QC Format

Office use only
Approved date:

Client: Village of Endicott WWTP
Project # / Project Name: Quarterly - SPW/Eff
Client Contact: Philip Grayson
Phone #: 607 757 5307
Location (city/state) Address: Endicott, NY

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks
SPW102109G	10/21/09	950am	G.H2O	Grab	U09104470 1	2	X										
Eff 102109G	10/21/09	1005am	W.H2O	Grab	2	2	X										

Parameter and Method	Sample bottle:	Type	Size	Preservative
EPA 624		G1	40	HCl

Sampled by (Print): Philip Grayson
Company: Village of Endicott WWTP

Name of Courier

Relinquished by:(sign)	Date	Time	Received by: (sign)
Philip Grayson	10/21/09	1025am	
Relinquished by:(sign)	Date	Time	Received by: (sign)
Relinquished by:(sign)	Date	Time	Rec'd for Lab by:
	10-21-09	1500	K Cramp

file Date

Syracuse Rochester Buffalo Albany Binghamton New Jersey

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga DATE: 10/27/09

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	26.6	791.73	
EW-8		823.34	22.7	800.64	
EW-9		818.61	18.3	800.31	
EW-11					
EW-12		830.33	25.6	804.73	
EW-14		823.04	21.6	801.44	
MW-3		830.52	25.3	805.22	
MW-6D		826.55	23.7	802.85	
MW-8D					
MW-9D		832.07	17.6	814.47	
MW-7S		823.21	15.8	807.41	
MW-7D		823.28	16.1	807.18	
MW-11		827.61	29.7	797.91	
MW-12		829.74	30.1	799.64	
MW-13D		814.29	27.1	787.19	
MW-21		834.56	30.7	803.86	
MW-22D		831.83	30.9	800.93	
MW-25D		821.52	18.1	803.42	
MW-29		816.51	26.9	789.61	
MW-30		823.47	25.7	797.77	
MW-31		823.00	22.6	800.40	
MW-32		809.85	8.2	801.65	
MW-33		819.37	16.9	802.47	
MW-34		815.37	18.3	797.07	
MW-35		820.34	20.1	800.24	
SPW		822.37	23.7	798.67	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga DATE: 11/25/2009

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	25.1	793.23	
EW-8		823.34	22.3	801.04	
EW-9		818.61	17.9	800.71	
EW-11					
EW-12		830.33		830.33	
EW-14		823.04	21.4	801.64	
MW-3		830.52	24.9	805.62	
MW-6D		826.55	22.6	803.95	
MW-8D					
MW-9D		832.07		832.07	
MW-7S		823.21	14.7	808.51	
MW-7D		823.28	15.9	807.38	
MW-11		827.61	28.6	799.01	
MW-12		829.74	29.1	800.64	
MW-13D		814.29	25.7	788.59	
MW-21		834.56	29.6	804.96	
MW-22D		831.83	17.7	814.13	
MW-25D		821.52	26.1	795.42	
MW-29		816.51	24.3	792.21	
MW-30		823.47	20.9	802.57	
MW-31		823.00	7.6	815.40	
MW-32		809.85	16.1	793.75	
MW-33		819.37	17.2	802.17	
MW-34		815.37	17.9	797.47	
MW-35		820.34	19.3	801.04	
SPW		822.37	22.6	799.77	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga DATE: 12/31/2009

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	24.2	794.13	
EW-8		823.34	23.6	799.74	
EW-9		818.61	18.9	799.71	
EW-11					
EW-12		830.33	27.2	803.13	
EW-14		823.04	22.3	800.74	
MW-3		830.52	26.8	803.72	
MW-6D		826.55	24.7	801.85	
MW-8D					
MW-9D		832.07	18.9	813.17	
MW-7S		823.21	17.1	806.11	
MW-7D		823.28	18.1	805.18	
MW-11		827.61	29.8	797.81	
MW-12		829.74	31.1	798.64	
MW-13D		814.29	26.6	787.69	
MW-21		834.56	29.2	805.36	
MW-22D		831.83	27.2	804.63	
MW-25D		821.52	17.6	803.92	
MW-29		816.51	24.9	791.61	
MW-30		823.47	24.3	799.17	
MW-31		823.00	22.1	800.90	
MW-32		809.85	8.2	801.65	
MW-33		819.37	16.7	802.67	
MW-34		815.37	17.6	797.77	
MW-35		820.34	19.2	801.14	
SPW		822.37	22.2	800.17	

GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2009

Well No.		Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D			18.6	15.8	17.6	22.3	19.1	14.7	26.8	26.7	26.6	25.1	24.2
EW-8			20.3	21.0	22.3	23	22.3	26.1	24.0	26.1	22.7	22.3	23.6
EW-9			16.2	16.7	17.6	18.6	17.2	19.4	26.2	21.7	18.3	17.9	18.9
EW-11													
EW-12			17.1	18.6	21.2	30.2	26.0	30.9	28.3	27.6	25.6	X	27.2
EW-14			13.1	16.5	23.4	21.8	21.7	22.3	27.2	22.3	21.6	21.4	22.3
MW-3			20.2	16.6	24.3	30.7	27.9	30.3	27.1	26.5	25.3	24.9	26.8
MW-6D			22.1	22.3	24.5	24.2	23.3	26.1	24.8	27.3	23.7	22.6	24.7
MW-8D													
MW-9D			28.6	18.5	21.6	X	30.3	28.8	29.5	25.9	17.6	X	18.9
MW-7S			15.2	18.3	15.9	19.8	19.3	22.4	21.5	19.8	15.8	14.7	17.1
MW-7D			14.1	15.5	16.9	21.3	16.7	19.2	22.3	18.3	16.1	15.9	18.1
MW-11			30.1	23.5	28.6	24.2	23.5	25.6	29.9	29.1	29.7	28.6	29.8
MW-12			31.6	24.5	29.2	25.8	26.1	26.8	32.3	28.8	30.1	29.1	31.1
MW-13D			9.5	17.9	17.6	12.5	29.2	13.7	31.9	29.9	27.1	25.7	26.6
MW-21			29.9	29.2	29.3	32.9	30.9	33.6	32.8	33.3	30.7	29.6	29.2
MW-22D			28.3	27.9	29.7	30.1	28.9	31.5	30.9	33.1	30.9	17.7	27.2
MW-25D			16.5	15.8	18.1	18.3	17.3	20.3	24.5	27.7	18.1	26.1	17.6
MW-29			11.2	11.9	13.9	13.0	15.6	17.7	26.7	25.6	26.9	24.3	24.9
MW-30			21.4	21.8	22.7	23.8	22.4	24.6	28.6	27.0	25.7	20.9	24.3
MW-31			21.3	21.5	21.6	23.5	21.9	23.8	28.2	26.9	22.6	7.6	22.1
MW-32			7.1	7.3	9.9	9.1	15.1	9.2	27.6	25.6	8.2	16.1	8.2
MW-33			17.2	17.5	19.8	19.4	14.7	20.1	23.9	24.3	16.9	17.2	16.7
MW-34			13.2	13.7	20.6	15.7	11.9	16.3	22.7	22.1	18.3	17.9	17.6
MW-35			18.1	18.5	19.4	20.6	18.7	21.1	21.6	23.2	20.1	19.3	19.2
SPW			20.3	21.4	23.3	23.2	20.3	23.0	22.1	27.3	23.7	22.6	22.2

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2009

Well No.		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D			799.73	802.53	800.73	796.03	799.23	803.63	791.53	791.63	791.73	793.23	794.13
EW-8			803.04	802.34	801.04	800.34	801.04	797.24	799.34	797.24	800.64	801.04	799.74
EW-9			802.41	801.91	801.01	800.01	801.41	799.21	792.41	796.91	800.31	800.71	799.71
EW-11													
EW-12			813.23	811.73	809.13	800.13	804.33	799.43	802.03	802.73	804.73	X	803.13
EW-14			809.94	806.54	799.64	801.24	801.34	800.74	795.84	800.74	801.44	801.64	800.74
MW-3			810.32	813.92	806.22	799.82	802.62	800.22	803.42	804.02	805.22	805.62	803.72
MW-6D			804.45	804.25	802.05	802.35	803.25	800.45	801.75	799.25	802.85	803.95	801.85
MW-8D													
MW-9D			803.47	813.57	810.47	X	801.77	803.27	802.57	806.17	814.47	X	813.17
MW-7S			808.01	804.91	807.31	803.41	803.91	800.81	801.71	803.41	807.41	808.51	806.11
MW-7D			809.18	807.78	806.38	801.98	806.58	804.08	800.98	804.98	807.18	807.38	805.18
MW-11			797.51	804.11	799.01	803.41	804.11	802.01	797.71	798.51	797.91	799.01	797.81
MW-12			798.14	805.24	800.54	803.94	803.64	802.94	797.44	800.94	799.64	800.64	798.64
MW-13D			804.79	796.39	796.69	801.79	785.09	800.59	782.39	784.39	787.19	788.59	787.69
MW-21			804.66	805.36	805.26	801.66	803.66	800.96	801.76	801.26	803.86	804.96	805.36
MW-22D			803.53	803.93	802.13	801.73	802.93	800.33	800.93	798.73	800.93	814.13	804.63
MW-25D			805.02	805.72	803.42	803.22	804.22	801.22	797.02	793.82	803.42	795.42	803.92
MW-29			805.31	804.61	802.61	803.51	800.91	798.81	789.81	790.91	789.61	792.21	791.61
MW-30			802.07	801.67	800.77	799.67	801.07	798.87	794.87	796.47	797.77	802.57	799.17
MW-31			801.70	801.50	801.40	799.50	801.10	799.20	794.80	796.10	800.40	815.40	800.90
MW-32			802.75	802.55	799.95	800.75	794.75	800.65	782.25	784.25	801.65	793.75	801.65
MW-33			802.17	801.87	799.57	799.97	804.67	799.27	795.47	795.07	802.47	802.17	802.67
MW-34			802.17	801.67	794.77	799.67	803.47	799.07	792.67	793.27	797.07	797.47	797.77
MW-35			802.24	801.84	800.94	799.74	801.64	799.24	798.74	797.14	800.24	801.04	801.14
SPW			802.07	800.97	799.07	799.17	802.07	799.37	800.27	795.07	798.67	799.77	800.17

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

January 6, 2010

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, 2009 – December, 2009). The inspection was performed on November 17, 2009.

On November 17, 2009 "woodchuck cartridges" a type of lethal smoke bomb were used in the burrows of the onsite burrowing animals. They were placed in the burrows at MW#22D and a location East of MW22D. The 4th Quarter inspection showed that although some burrowing animals remain, it appears the woodchuck cartridges are proving beneficial. .

If you have any questions, please call me at 607-757-5307.

Sincerely,

Philip Grayson
Sewer Pretreatment Admin.

cc: Mr. Payson Long, DEC
Mr. James Burke, P.E., DEC
Ms. Jean McCreary, EJ
Mr. Tom Morris, IBM
Mr. John Bernardo, Town of Union
Mayor Bertoni, Village of Endicott

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 grassed 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)*

There was evidence of burrowing animals at MW22D and at a location East of MW22D. The burrows were treated with repellant.

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)*

In the paved area East of the airport there is evidence of cracks or subsidence

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 erosion 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 erosion 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)*

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

Signature

11/17/09
Date