

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



May 2, 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 1st 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:

January, 2013.....	564,065 gal/day (392 gal/min)
February, 2013.....	566,107 gal/day (393 gal/min)
March, 2013.....	565,097 gal/day (392 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 1st 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

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	0	0	0	0	0	0	0	0
2	488,500	416,000	506,000	590,000	0	0	0	0	0	0	0	0
3	527,000	607,500	598,000	493,000	0	0	0	0	0	0	0	0
4	569,000	607,500	598,000	560,000	0	0	0	0	0	0	0	0
5	569,000	557,000	529,000	638,000	0	0	0	0	0	0	0	0
6	616,000	605,000	541,000	452,000	0	0	0	0	0	0	0	0
7	616,000	624,000	626,000	598,500	0	0	0	0	0	0	0	0
8	521,000	675,000	352,000	598,500	0	0	0	0	0	0	0	0
9	567,000	620,000	646,000	562,000	0	0	0	0	0	0	0	0
10	538,000	481,500	597,000	600,000	0	0	0	0	0	0	0	0
11	522,000	481,500	597,000	534,000	0	0	0	0	0	0	0	0
12	598,000	514,000	529,000	542,000	0	0	0	0	0	0	0	0
13	600,500	571,000	559,000	542,000	0	0	0	0	0	0	0	0
14	600,500	600,000	593,000	618,000	0	0	0	0	0	0	0	0
15	538,000	532,000	573,000	618,000	0	0	0	0	0	0	0	0
16	608,000	523,000	506,000	568,000	0	0	0	0	0	0	0	0
17	532,000	613,000	602,000	556,000	0	0	0	0	0	0	0	0
18	520,000	613,000	602,000	582,000	0	0	0	0	0	0	0	0
19	570,000	531,000	625,000	664,000	0	0	0	0	0	0	0	0
20	593,500	570,000	512,000	518,500	0	0	0	0	0	0	0	0
21	593,500	525,000	623,000	518,500	0	0	0	0	0	0	0	0
22	710,000	612,000	540,000	605,000	0	0	0	0	0	0	0	0
23	449,000	478,000	513,000	564,000	0	0	0	0	0	0	0	0
24	537,000	592,000	618,000	598,000	0	0	0	0	0	0	0	0
25	611,000	592,000	618,000	584,000	0	0	0	0	0	0	0	0
26	465,000	560,000	523,000	524,000	0	0	0	0	0	0	0	0
27	609,000	521,000	564,000	502,000	0	0	0	0	0	0	0	0
28	609,000	565,000	605,000	615,000	0	0	0	0	0	0	0	0
29	593,000		605,000	615,000	0	0	0	0	0	0	0	0
30	560,000		418,000	552,000	0	0	0	0	0	0	0	0
31	567,000		608,000		0	0	0	0	0	0	0	0
Total	17,486,000	15,851,000	17,518,000	17,120,000	0	0	0	0	0	0	0	0
Ave	564,065	566,107	565,097	570,667	0	0	0	0	0	0	0	0
Gal/Hr.	23,503	23,588	23,546	23,778	0	0	0	0	0	0	0	0
Gal/Min	392	393	392	396	0	0	0	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												16
Chloromethane	<3.0												0
Chloroethane	<3.0												0
Methylene Chloride	<3.0												0
Dichlorodifluoromethane	<3.0												0
Trichloroethene	<3.0												0
1,1-Dichloroethane	<3.0												0
1,1-Dichloroethene	<3.0												0
cis-1,2-Dichloroethene	15												15
cis-1,3-Dichloropropene	<3.0												0
Chlorobenzene	<3.0												0.0
Benzene	<3.0												0
Toluene	<3.0												0
Chloroform	<3.0												0
m-Xylene & p-Xylene	<3.0												0
Total VOC's	31					0			0			0	31

Final Effluent
Monthly Analysis: VOC's
2013 Detectable Quantities

[illegible]

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) 239-4413 * 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
(607) 757-5307

Friday, January 25, 2013

RE: Analytical Report:
Quarterly-SPW/Eff

Order No.: U1301349

Dear Mr. Philip Grayson, Lab. Director:

Upstate Laboratories, Inc. received 2 sample(s) on 1/17/2013 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 and Sample Receipt Checklist as part of your report. The NYS DOH requires that all samples received by the laboratory must have a Collection Date and Time, and a Relinquished By signature. 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
President/CEO

Confidentiality Statement: This report is meant for the use of the intended recipient. It may contain confidential information, which is legally privileged or otherwise protected by law. If you have received this report in error, you are strictly prohibited from reviewing, using, disseminating, distributing or copying the information.

Upstate Laboratories, Inc.

Sample Receipt Checklist

Client Name **ENDICOTT,V/O**

Date and Time Receive

1/17/2013

Work Order Number **U1301349**

Received by **TC**

Checklist completed by

Signature

Date

Reviewed by

Initials

Date

Matrix:

Carrier name ULI-Chris P.

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance? <u>4.3</u>	Yes ☒	No ☐	
Ice present in cooler	Yes ☒	No ☐	Ice Melted ☐ N/A or Unknown ☐
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☒	No ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	

Adjusted?

Checked b

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

Upstate Laboratories, Inc.

Analytical Report

Date: 25-Jan-13

CLIENT: Village of Endicott
Lab Order: U1301349
Project: Quarterly-SPW/Eff
Lab ID: U1301349-001

Client Sample ID: SPW011713G
Collection Date: 1/17/2013 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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FIELD PARAMETERS

Lab Code: FIELD

Analyst:

Cooler Temp. at Receipt	<6	6		°C		1/17/2013 8:50:00 AM
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PURGEABLES PRIORITY POLLUTANTS EPA METHOD 624

Lab Code: 624_W

Analyst: EMZ

1,1,1-Trichloroethane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
1,1-Dichloroethane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
1,1-Dichloroethene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
1,2-Dichlorobenzene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
1,2-Dichloroethane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
1,2-Dichloropropane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
1,3-Dichlorobenzene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
1,4-Dichlorobenzene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
2-Chloroethyl vinyl ether	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Acrolein	ND	50	Q	µg/L	1	1/21/2013 11:24:00 PM
Acrylonitrile	ND	50		µg/L	1	1/21/2013 11:24:00 PM
Benzene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Bromodichloromethane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Bromoform	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Bromomethane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Carbon tetrachloride	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Chlorobenzene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Chloroethane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Chloroform	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Chloromethane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
cis-1,2-Dichloroethene	15	3.0	Q	µg/L	1	1/21/2013 11:24:00 PM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Dibromochloromethane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Dichlorodifluoromethane	ND	3.0	Q	µg/L	1	1/21/2013 11:24:00 PM
Ethylbenzene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
m,p-Xylene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Methylene chloride	ND	3.0	Q	µg/L	1	1/21/2013 11:24:00 PM
o-Xylene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Tetrachloroethene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Toluene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM

Approved By:

AR4

Date:

1/25/13

Page 1 of 4

Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 25-Jan-13

CLIENT: Village of Endicott
Lab Order: U1301349
Project: Quarterly-SPW/Eff
Lab ID: U1301349-001

Client Sample ID: SPW011713G
Collection Date: 1/17/2013 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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PURGEABLES PRIORITY POLLUTANTS EPA METHOD 624

Lab Code: 624_W

Analyst: EMZ

trans-1,2-Dichloroethene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Trichloroethene	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Trichlorofluoromethane	ND	3.0		µg/L	1	1/21/2013 11:24:00 PM
Vinyl chloride	16	2.0		µg/L	1	1/21/2013 11:24:00 PM

Approved By:

ARU

Date:

1/25/13

Page 2 of 4

Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 25-Jan-13

CLIENT: Village of Endicott
Lab Order: U1301349
Project: Quarterly-SPW/Eff
Lab ID: U1301349-002

Client Sample ID: Eff011713G
Collection Date: 1/17/2013 10:00:00 AM
Matrix: WASTE WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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FIELD PARAMETERS

Lab Code: FIELD

Analyst:

Cooler Temp. at Receipt	<6	6		°C		1/17/2013 10:00:00 AM
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PURGEABLES PRIORITY POLLUTANTS EPA METHOD 624

Lab Code: 624_W

Analyst: EMZ

1,1,1-Trichloroethane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
1,1-Dichloroethane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
1,1-Dichloroethene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
1,2-Dichlorobenzene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
1,2-Dichloroethane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
1,2-Dichloropropane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
1,3-Dichlorobenzene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
1,4-Dichlorobenzene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
2-Chloroethyl vinyl ether	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Acrolein	ND	50	Q	µg/L	1	1/22/2013 12:04:00 AM
Acrylonitrile	ND	50		µg/L	1	1/22/2013 12:04:00 AM
Benzene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Bromodichloromethane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Bromoform	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Bromomethane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Carbon tetrachloride	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Chlorobenzene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Chloroethane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Chloroform	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Chloromethane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
cis-1,2-Dichloroethene	ND	3.0	Q	µg/L	1	1/22/2013 12:04:00 AM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Dibromochloromethane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Dichlorodifluoromethane	ND	3.0	Q	µg/L	1	1/22/2013 12:04:00 AM
Ethylbenzene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
m,p-Xylene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Methylene chloride	ND	3.0	Q	µg/L	1	1/22/2013 12:04:00 AM
o-Xylene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Tetrachloroethene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Toluene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM

Approved By:

ARU

Date:

1/25/13

Page 3 of 4

Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
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* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 25-Jan-13

CLIENT: Village of Endicott
Lab Order: U1301349
Project: Quarterly-SPW/Eff
Lab ID: U1301349-002

Client Sample ID: Eff011713G
Collection Date: 1/17/2013 10:00:00 AM
Matrix: WASTE WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PURGEABLES PRIORITY POLLUTANTS EPA METHOD 624						
				Lab Code: 624_W	Analyst: EMZ	
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Trichloroethene	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Trichlorofluoromethane	ND	3.0		µg/L	1	1/22/2013 12:04:00 AM
Vinyl chloride	ND	2.0		µg/L	1	1/22/2013 12:04:00 AM

Approved By: ARV

Date: 1/25/13

Page 4 of 4

Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
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* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Chain of Custody Record

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

Fax (315) 437 1209

Client

Village of Endicott WWTP

Client Contact:

Phone #

Location (City/State)

Quarterly - SPW/EFF

Project #/Project Name

Number of Containers

Remarks

Philip Grayson

607-757-5307

Endicott, NY

Sample ID

Date

Time

Matrix

Grab or Comp

1 2 3 4 5 6 7 8 9 10

SPW 011713 G

1/17/13

850 am

GW

Grab

1 2 X

EFF 011713 G

1/17/13

1000 am

WW

Grab

2 2 X

Parameter and Method

Sample bottle:

Type

Size

Preservative

Sampled by (Print)

Name of Courier

1 EPA 624

GL

40

HCL

Philip Grayson

(C/L/L) KC

Relinquished by: (sign)

Date

Received by: (sign)

Relinquished by: (sign)

Date

Received by: (sign)

Relinquished by: (sign)

Date

Rec'd for Lab by:

10

1/17/13

1:05

1/17/13

9

1/17/13

2:00

1/17/13

8

1/17/13

1:05

1/17/13

7

1/17/13

1:05

1/17/13

6

1/17/13

1:05

1/17/13

5

1/17/13

1:05

1/17/13

4

1/17/13

1:05

1/17/13

3

1/17/13

1:05

1/17/13

2

1/17/13

1:05

1/17/13

1

1/17/13

1:05

1/17/13

Syracuse

Rochester

Buffalo

Albany

Pinehampton

Fair Lawn (N.J.)

GROUNDWATER DEPTHS VILLAGE OF ENDICOTT ANNUAL SUMMARIES: 2013

[illegible]

GROUNDWATER ELEVATIONS VILLAGE OF ENDICOTT ANNUAL SUMMARIES: 2013

[illegible]

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga

DATE: 1/29/2013

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	21.2	797.13	
EW-8		823.34	25.6	797.74	
EW-9		818.61	18.5	800.11	
EW-11					
EW-12		830.33	29.2	801.13	
EW-14		823.04	21.7	801.34	
MW-3		830.52	30.2	800.32	
MW-6D		826.55	23.6	802.95	
MW-8D					
MW-9D		832.07	28.1	803.97	
MW-7S		823.21	19.9	803.31	
MW-7D		823.28	17.0	806.28	
MW-11		827.61	22.5	805.11	
MW-12		829.74	25.1	804.64	
MW-13D		814.29	17.6	796.69	
MW-21		834.56	31.3	803.26	
MW-22D		831.83	29.3	802.53	
MW-25D		821.52	17.2	804.32	
MW-29		816.51	13.8	802.71	
MW-30		823.47	23.3	800.17	
MW-31		823.00	23.7	799.30	
MW-32		809.85	8.4	801.45	
MW-33		819.37	19.6	799.77	
MW-34		815.37	16.1	799.27	
MW-35		820.34	19.7	800.64	
SPW		822.37	24.1	798.27	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga

DATE: 2/26/2013

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	24.1	799.24	
EW-9		818.61	20.9	797.71	
EW-11					
EW-12		830.33	31.4	798.93	
EW-14		823.04	23.9	799.14	
MW-3		830.52	32.7	797.82	
MW-6D		826.55	26.2	800.35	
MW-8D					
MW-9D		832.07	32.7	799.37	
MW-7S		823.21	22.2	801.01	
MW-7D		823.28	19.0	804.28	
MW-11		827.61	33.4	794.21	
MW-12		829.74	33.1	796.64	
MW-13D		814.29	17.2	797.09	
MW-21		834.56	33.5	801.06	
MW-22D		831.83	31.8	800.03	
MW-25D		821.52	19.5	802.02	
MW-29		816.51	16.1	800.41	
MW-30		823.47	25.5	797.97	
MW-31		823.00	25.6	797.40	
MW-32		809.85	11.1	798.75	
MW-33		819.37	21.5	797.87	
MW-34		815.37	17.8	797.57	
MW-35		820.34	22.9	797.44	
SPW		822.37	25.8	796.57	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: W. Carlini

DATE: 3/28/2013

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	21.2	797.13	
EW-8		823.34	21.5	801.84	
EW-9		818.61	17.6	801.01	
EW-11					
EW-12		830.33	29.3	801.03	
EW-14		823.04	21.3	801.74	
MW-3		830.52	30.2	800.32	
MW-6D		826.55	23.5	803.05	
MW-8D					
MW-9D		832.07	26.2	805.87	
MW-7S		823.21	19.9	803.31	
MW-7D		823.28	17.0	806.28	
MW-11		827.61	23.4	804.21	
MW-12		829.74	26.1	803.64	
MW-13D		814.29	11.7	802.59	
MW-21		834.56	30.8	803.76	
MW-22D		831.83	29.5	802.33	
MW-25D		821.52	17.0	804.52	
MW-29		816.51	12.5	804.01	
MW-30		823.47	23.1	800.37	
MW-31		823.00	23.2	799.80	
MW-32		809.85	8.6	801.25	
MW-33		819.37	18.8	800.57	
MW-34		815.37	14.7	800.67	
MW-35		820.34	20.1	800.24	
SPW		822.37	23.5	798.87	

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

May 2, 2013

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

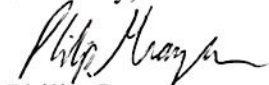
Re: Endicott Landfill
Operable Unit 2
Endicott, New York

Dear Ms. Henry:

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

		<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 TriCities 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)

Riser #48 was damaged. The riser
will be repaired in April 2013.

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

[Signature]

Signature

3/28/13

Date