

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

April 7, 2010

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

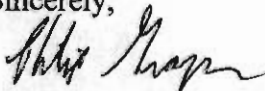
Re: Endicott Landfill  
Operable Unit 2  
Endicott, New York

Dear Ms. Henry:

Enclosed please find a copy of our quarterly Landfill Inspection Report (January, 2010 – March, 2010). The inspection was performed on March 11, 2010.

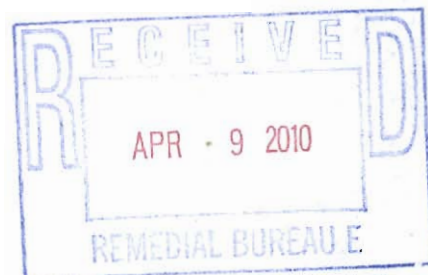
If you have any questions, please call me at 607-757-5307.

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:

	<u>No</u>	<u>Yes</u>
1. Is there bare, dead or damaged grassed 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)

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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)

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

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Comments: (Required for each Yes answer)

- 3. Is concrete collar cracked or settled?
- 2. Is there any evidence of erosion of soils in the immediate area around the well casing?
- 1. Is there any damage to the lock or locking cap?

Monitoring wells will be inspected for the following:

D. Monitoring Wells

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Comments: (Required for each Yes answer)

- 3. *Seeps observed*
- 2. Is there any debris or sediment in drainage ditch?
- 1. Is there any erosion damage to drainage ditch?

Perimeter Drainage

- 3. Is there any sloughing of cap system?
- 2. Is there any debris in swales?
- 1. Is there any erosion damage to swales?

Over-Cover Drainage

No Yes

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

C. Site Drainage System

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)

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

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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)

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Philip Grayson  
Inspector

Philip Grayson  
Signature

3/1/80  
Date

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

April 7, 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 1<sup>st</sup> quarter of 2010 for the supplemental purge well as well as for the final effluent.

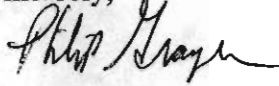
The average daily flows for the months contained in this reporting period are:

January, 2010.....	653,086 gal/day (454 gal/min)
February, 2010.....	647,548 gal/day (450 gal/min)
March, 2010.....	660,806 gal/day (459 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 1<sup>st</sup> quarter of 2010.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Philip Grayson". The signature is fluid and cursive, with the first name "Philip" being more prominent than the last name "Grayson".

Philip Grayson  
Sewer Pretreatment Admin.

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







# 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

Wednesday, February 24, 2010

RE: Analytical Report:  
Quarterly- SPW/Eff

Order No.: U1002337

Dear Mr. Philip Grayson, Lab. Director:

Upstate Laboratories, Inc. received 2 sample(s) on 2/17/2010 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.

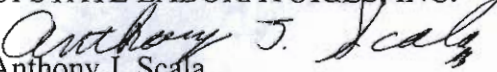
We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

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  
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.

## Analytical Report

Date: 24-Feb-10

CLIENT: Village of Endicott  
 Lab Order: U1002337  
 Project: Quarterly- SPW/Eff  
 Lab ID: U1002337-001

Client Sample ID: Eff021710G  
 Collection Date: 2/17/2010 7:55:00 AM

Matrix: WASTE WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>PURGEABLES PRIORITY POLLUTANTS</b>			<b>624_W</b>			Analyst: CMM
1,1,1-Trichloroethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
1,1-Dichloroethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
1,1-Dichloroethene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
1,2-Dichlorobenzene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
1,2-Dichloroethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
1,2-Dichloropropane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
1,3-Dichlorobenzene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
1,4-Dichlorobenzene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
2-Chloroethyl vinyl ether	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Acrolein	ND	50		µg/L	1	2/22/2010 6:55:00 PM
Acrylonitrile	ND	50		µg/L	1	2/22/2010 6:55:00 PM
Benzene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Bromodichloromethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Bromoform	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Bromomethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Carbon tetrachloride	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Chlorobenzene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Chloroethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Chloroform	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Chloromethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
cis-1,2-Dichloroethene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Dibromochloromethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Dichlorodifluoromethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Ethylbenzene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
m,p-Xylene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Methylene chloride	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
o-Xylene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Tetrachloroethene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Toluene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Trichloroethene	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Trichlorofluoromethane	ND	3.0		µg/L	1	2/22/2010 6:55:00 PM
Vinyl chloride	ND	2.0		µg/L	1	2/22/2010 6:55:00 PM

**NOTES:**

The analysis of Acrolein was performed after the 3-day hold time in acid-preserved samples.

Approved By: ELMS

Date: 02/24/10

Page 1 of 2

Qualifiers: \* 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

\*\* Value exceeds Maximum Contaminant Value  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits

# Upstate Laboratories, Inc.

## Analytical Report

Date: 24-Feb-10

CLIENT: Village of Endicott  
 Lab Order: U1002337  
 Project: Quarterly- SPW/Eff  
 Lab ID: U1002337-002

Client Sample ID: SPW021710G  
 Collection Date: 2/17/2010 8:50:00 AM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>PURGEABLES PRIORITY POLLUTANTS</b>				<b>624_W</b>		Analyst: <b>CMM</b>
1,1,1-Trichloroethane	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
1,1-Dichloroethane	3.3	3.0		µg/L	1	2/22/2010 7:36:00 PM
1,1-Dichloroethene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
1,2-Dichlorobenzene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
1,2-Dichloroethane	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
1,2-Dichloropropane	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
1,3-Dichlorobenzene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
1,4-Dichlorobenzene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
2-Chloroethyl vinyl ether	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Acrolein	ND	50		µg/L	1	2/22/2010 7:36:00 PM
Acrylonitrile	ND	50		µg/L	1	2/22/2010 7:36:00 PM
Benzene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Bromodichloromethane	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Bromoform	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Bromomethane	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Carbon tetrachloride	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Chlorobenzene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Chloroethane	3.7	3.0		µg/L	1	2/22/2010 7:36:00 PM
Chloroform	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Chloromethane	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
cis-1,2-Dichloroethene	21	3.0		µg/L	1	2/22/2010 7:36:00 PM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Dibromochloromethane	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Dichlorodifluoromethane	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Ethylbenzene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
m,p-Xylene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Methylene chloride	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
o-Xylene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Tetrachloroethene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Toluene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Trichloroethene	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Trichlorofluoromethane	ND	3.0		µg/L	1	2/22/2010 7:36:00 PM
Vinyl chloride	22	2.0		µg/L	1	2/22/2010 7:36:00 PM

**NOTES:**

The analysis of Acrolein was performed after the 3-day hold time in acid-preserved samples.

Approved By: lms

Date: 02/24/10

Page 2 of 2

Qualifiers: \* 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

\*\* Value exceeds Maximum Contaminant Value  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits

# Upstate Laboratories, Inc.

# Chain of Custody Record

Office use only  
Approved date:

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

01/17/09

QC Format

Client: Village of Endicott WTR

Project #: Project Name

(Amverly - SW JEFF)

Client Contact: Phillip Grayson

Phone # 607 757 5307

Location (City/State): Address Endicott, NY

Sample ID

Date

Time

Matrix

GRAB or COMP

U/L Internal Use Only

No. of

Conts

1) 2) 3) 4) 5) 6) 7) 8) 9) 10)

Remarks

EP 0217106 2/17/0 755 am WTR Grab 1 2 X  
SW0217109 2/17/0 850 am GHD Grab 2 2 X

Parameter and Method Sample bottle: Type Size Preservative

EPA 624 G1 40 HCl

Name of Courier

Sampled by: (Print)  
Phillip Grayson  
Company: V. of Endicott WTR

Relinquished by: (sign)

Relinquished by: (sign)

Relinquished by: (sign)

Relinquished by: (sign)

Relinquished by: (sign)

Date Time

2/17/0 859 am

Date Time

2/17/0 1100 am

Date Time

02/17/09 1342

Received by: (sign)

Received by: (sign)

Received by: (sign)

Received by: (sign)

Rec'd for Lab by:

Rump

Syracuse Rochester Buffalo Albany Binghamton New Jersey

Supplemental Purge Well  
 Monthly Analysis: VOC's  
 2010 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride		22											22
Chloromethane		<3.0											0
Chloroethane		3.7											3.7
Methylene Chloride		<3.0											0
Dichlorodifluoromethane		<3.0											0
Trichloroethene		<3.0											0
1,1-Dichloroethane		3.3											3.3
1,1-Dichloroethene		<3.0											0
cis-1,2-Dichloroethene		21											21
cis-1,3-Dichloropropene		<3.0											0
Chlorobenzene		<3.0											0
Benzene		<3.0											0
Toluene		<3.0											0
Chloroform		<3.0											0
m-Xylene & p-Xylene		<3.0											0
<b>Total VOC's</b>		<b>50</b>			<b>0</b>		<b>0</b>			<b>0</b>			<b>50</b>

Final Effluent  
 Monthly Analysis: VOC's  
 2010 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride		<2.0											0
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		<3.0											0
cis-1,3-Dichloropropene		<3.0											0
Chlorobenzene		<3.0											0
Benzene		<3.0											0
Toluene		<3.0											0
Chloroform		<3.0											0
Bromodichloromethane		<3.0											0
m-Xylene & p-Xylene		<3.0											0
<b>Total VOC's</b>		<b>0</b>			<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>			<b>0</b>









GROUNDWATER ELEVATIONS  
VILLAGE OF ENDICOTT

SAMPLED BY:           V. Briga          

DATE:   2/22/2010  

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	20.8	797.53	
EW-8		823.34	24.5	798.84	
EW-9		818.61	13.9	804.71	
EW-11					
EW-12		830.33	26.0	804.33	
EW-14		823.04	24.1	798.94	
MW-3		830.52	21.2	809.32	
MW-6D		826.55	25.6	800.95	
MW-8D					
MW-9D		832.07	20.1	811.97	
MW-7S		823.21	21.8	801.41	
MW-7D		823.28	22.1	801.18	
MW-11		827.61	30.8	796.81	
MW-12		829.74	31.2	798.54	
MW-13D		814.29	29.3	784.99	
MW-21		834.56	31.1	803.46	
MW-22D		831.83	31.1	800.73	
MW-25D		821.52	18.9	802.62	
MW-29		816.51	17.5	799.01	
MW-30		823.47	26.1	797.37	
MW-31		823.00	25.5	797.50	
MW-32		809.85	11.2	798.65	
MW-33		819.37	21.6	797.77	
MW-34		815.37	23.6	791.77	
MW-35		820.34	21.5	798.84	
SPW		822.37	24.8	797.57	

GROUNDWATER ELEVATIONS  
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga

DATE: 3/29/2010

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	13.6	804.73	
EW-8		823.34	17.1	806.24	
EW-9		818.61	8.4	810.21	
EW-11					
EW-12		830.33	19.6	810.73	
EW-14		823.04	16.9	806.14	
MW-3		830.52	14.6	815.92	
MW-6D		826.55	17.2	809.35	
MW-8D					
MW-9D		832.07	15.9	816.17	
MW-7S		823.21	14.3	808.91	
MW-7D		823.28	15.4	807.88	
MW-11		827.61	16.1	811.51	
MW-12		829.74	23.6	806.14	
MW-13D		814.29	24.1	790.19	
MW-21		834.56	23.6	810.96	
MW-22D		831.83	23.1	808.73	
MW-25D		821.52	10.5	811.02	
MW-29		816.51	11.3	805.21	
MW-30		823.47	20.3	803.17	
MW-31		823.00	14.0	809.00	
MW-32		809.85	6.3	803.55	
MW-33		819.37	13.1	806.27	
MW-34		815.37	15.1	800.27	
MW-35		820.34	18.3	802.04	
SPW		822.37	17.6	804.77	