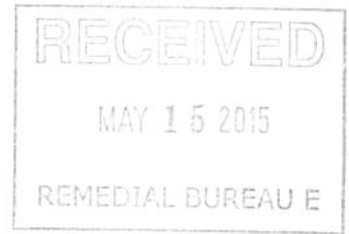


Village of Endicott
Industrial Pretreatment Dept.
c/o 1009 E. Main St.
Endicott, New York 13760



May 12, 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 1st quarter of 2015 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, 2015.....	465,118 gal/day (323 gal/min)
February, 2015.....	460,131 gal/day (320 gal/min)
March, 2015.....	420,398 gal/day (292 gal/min)

Within this report are summaries of daily SPW flows, a listing of detectable VOC's for both SPW and final effluent for 2015, and water level readings for 2015.

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

1000000

[illegible]

Supplemental Purge Well
Monthly Analysis: VOC's
2015 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride			24.3										24.3
Chloromethane			<1.0										<1.0
Chloroethane			<1.0										0
Methylene Chloride			<1.0										<1.0
Dichlorodifluoromethane			<1.0										<1.0
Trichloroethylene			<1.0										<1.0
1,1-Dichloroethane			2.5										2.5
1,1-Dichloroethylene			<1.0										<1.0
cis-1,2-Dichloroethylene			19										19
cis-1,3-Dichloropropene			<1.0										<1.0
Chlorobenzene			2.6										2.6
Benzene			<1.0										<1.0
Toluene			<1.0										<1.0
Chloroform			<1.0										<1.0
m-Xylene & p-Xylene			<2.0										<2.0
Total VOC's			48.4		0.0				0.0		0.0		48

Final Effluent
Monthly Analysis: VOC's
2015 Detectable Quantities

[illegible]

Benchmark Analytics Sayre, A Microbac Laboratory
CERTIFICATE OF ANALYSIS
S5C1674

Village of Endicott WWTP

Project Name: Sample Analysis

Philip Grayson
 1009 East Main Street
 Endicott, NY 13760

Project / PO Number: N/A
 Received: 03/24/2015 15:45
 Reported: 03/28/2015 13:51

Analytical Testing Parameters

Client Sample ID: SPW032415G
 Lab Sample ID: S5C1674-01
 Sample Type: Grab

Collection Date: 03/24/15
 Collection Time: 08:06
 Collected By: DK

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		03/25/15 1514	03/25/15 1514	RJH
Bromodichloromethane	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Bromoform	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Carbon tetrachloride	<1.00		1.00	ug/L	Q2	03/25/15 1514	03/25/15 1514	RJH
Chlorobenzene	2.62		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Chloroform	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Dibromochloromethane	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
1,3-Dichlorobenzene	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
1,4-Dichlorobenzene	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
1,2-Dichlorobenzene	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
1,2-Dichloroethane	<1.00		1.00	ug/L	Q2	03/25/15 1514	03/25/15 1514	RJH
1,1-Dichloroethane	2.54		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
cis-1,2-Dichloroethene	19.0		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
1,1-Dichloroethene	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
trans-1,2-Dichloroethene	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
1,2-Dichloropropane	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
trans-1,3-Dichloropropene	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
cis-1,3-Dichloropropene	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Ethylbenzene	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Methyl bromide (Bromomethane)	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Methyl tert-butyl ether (MTBE)	<2.00		2.00	ug/L	Y	03/25/15 1514	03/25/15 1514	RJH
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Tetrachloroethene	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Toluene	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
1,1,2-Trichloroethane	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
1,1,1-Trichloroethane	<1.00		1.00	ug/L	Q2	03/25/15 1514	03/25/15 1514	RJH
Trichloroethene	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
Vinyl chloride	24.3		1.00	ug/L		03/25/15 1514	03/25/15 1514	RJH
o-Xylene	<1.00		1.00	ug/L	Y	03/25/15 1514	03/25/15 1514	RJH
m,p-Xylene	<2.00		2.00	ug/L	Y	03/25/15 1514	03/25/15 1514	RJH



Benchmark Analytics Sayre, A Microbac Laboratory

CERTIFICATE OF ANALYSIS

S5C1674

Analytical Testing Parameters

Client Sample ID: SPW032415G
Lab Sample ID: S5C1674-01
Sample Type: Grab

Collection Date: 03/24/15
Collection Time: 08:06
Collected By: DK

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		03/25/15 1514	03/25/15 1514	RJH
4-Bromofluorobenzene	107		81-113	% Rec		03/25/15 1514	03/25/15 1514	RJH
1,2-Dichloroethane-d4	128		64-126	% Rec	S1	03/25/15 1514	03/25/15 1514	RJH
Toluene-d8	108		84-116	% Rec		03/25/15 1514	03/25/15 1514	RJH



Benchmark Analytics Sayre, A Microbac Laboratory

CERTIFICATE OF ANALYSIS

S5C1674

Analytical Testing Parameters

Client Sample ID: EFF032415G
Lab Sample ID: S5C1674-02
Sample Type: Grab

Collection Date: 03/24/15
Collection Time: 08:33
Collected By: DK

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		03/25/15 1541	03/25/15 1541	RJH
Bromodichloromethane	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Bromoform	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Carbon tetrachloride	<1.00		1.00	ug/L	Q2	03/25/15 1541	03/25/15 1541	RJH
Chlorobenzene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Chloroform	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Dibromochloromethane	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
1,3-Dichlorobenzene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
1,4-Dichlorobenzene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
1,2-Dichlorobenzene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
1,2-Dichloroethane	<1.00		1.00	ug/L	Q2	03/25/15 1541	03/25/15 1541	RJH
1,1-Dichloroethane	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
cis-1,2-Dichloroethene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
1,1-Dichloroethene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
trans-1,2-Dichloroethene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
1,2-Dichloropropane	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
trans-1,3-Dichloropropene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
cis-1,3-Dichloropropene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Ethylbenzene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Methyl bromide (Bromomethane)	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Methyl tert-butyl ether (MTBE)	<2.00		2.00	ug/L	Y	03/25/15 1541	03/25/15 1541	RJH
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Tetrachloroethene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Toluene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
1,1,2-Trichloroethane	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
1,1,1-Trichloroethane	<1.00		1.00	ug/L	Q2	03/25/15 1541	03/25/15 1541	RJH
Trichloroethene	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
Vinyl chloride	<1.00		1.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
o-Xylene	<1.00		1.00	ug/L	Y	03/25/15 1541	03/25/15 1541	RJH
m,p-Xylene	<2.00		2.00	ug/L	Y	03/25/15 1541	03/25/15 1541	RJH
Xylenes (total)	<3.00		3.00	ug/L		03/25/15 1541	03/25/15 1541	RJH
4-Bromofluorobenzene	109		81-113	% Rec		03/25/15 1541	03/25/15 1541	RJH
1,2-Dichloroethane-d4	130		64-126	% Rec	S1	03/25/15 1541	03/25/15 1541	RJH
Toluene-d8	109		84-116	% Rec		03/25/15 1541	03/25/15 1541	RJH



Benchmark Analytics Sayre, A Microbac Laboratory
CERTIFICATE OF ANALYSIS
S5C1674

Definitions

Q2:	LCS recovery is above acceptance limits. However there is no impact on the reported value.
S1:	Surrogate recovery is above acceptance limits.
Y:	This analyte is not on the laboratory's current Scope of Accreditation.
PQL:	Practical Quantitation Limit
MCL:	Maximum Contamination Level

Cooler Receipt Log:

Cooler ID:	Default Cooler	Received On Ice (or not required):	Yes
Cooler Temp:	2.8 °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 NELAC, 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 to set up email reporting and invoicing options.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.

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

CHAIN OF CUSTODY

REPORT TO:

Village of Endicott
1009 E. Main St.
Endicott, NY 13760

CONTACT Dave Kucera
PH# 607-757-5307
FAX# 607-757-5308

BILL TO:

PO#

PROJECT DESCRIPTION

SAMPLER SIGNATURE / AFFILIATION

CONTAINER SAMPLING POINT

Benchmark Analytics, Inc.
Eastern Division
2566 Pennsylvania Avenue • Sayre, PA 18840
Phone: (570) 888-0169
Fax: (570) 888-0717

REFRIGERATE SAMPLES
AFTER COLLECTION

TRANSPORT
TO
LABORATORY
IN COOLER
WITH ICE

DW DRINKING WATER SL SLUDGE
GW GROUND WATER SO SOIL
SW SURFACE WATER HZ HAZARDOUS
WW WASTE WATER OTHER
DE DEIONIZED WATER DI DISTILLED WATER

RESULTS ARE BEING USED FOR:
☐ NYDOH ☐ NYDEC ☐ PAPER
☐ LANDFILL
☐ PERSONAL OTHER

ARE SPECIAL DETECTION LIMITS
NEEDED ☐ YES ☒ NO
IF YES, PLEASE ATTACH

IS A QC PACKAGE NEEDED?
☐ YES ☒ NO

IF YES, PLEASE ATTACH REQUIREMENTS

H HYDROCHLORIC ACID OH SODIUM HYDROXIDE
S SULFURIC ACID AS ASCORBIC ACID
N NITRIC ACID AC ACETIC ACID
SO₃ SODIUM SULFITE NH₄ AMMONIUM CHLORIDE
Thio SODIUM THIOSULFATE ZN ZINC ACETATE
- NONE Hg MERCURIC CHLORIDE

An incomplete chain of custody may delay the
processing of your sample(s).

ANALYSIS TO BE PERFORMED
(PER CONTAINER)

SAMPLER INITIALS
SAMPLE TYPE - GRAB / COMPOSITE
SAMPLE MATRIX
TIME OF SAMPLING
DATE SAMPLED

LAB USE O

COMPOSITED ON RECEIPT
PRESERVATIVE ADDED ON RECEIPT



ENDICOTT WWTP

TEMPERATURE OF SAMPLES RECEIVED: 28

DATE	TIME	RECEIVED BY	DATE	TIME	RECEIVED BY
3/24/15	15:00	[Signature]	3/24/15	15:00	[Signature]
3/24/15	15:45	[Signature]	3/24/15	15:45	[Signature]
3/24/15	15:45	[Signature]	3/24/15	15:45	[Signature]

[illegible][illegible]

GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2015

[illegible]

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga

DATE: 3/31/2014

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
----------	------	-----------------	-------------	-----------------	----------

B-4					
B-21					
EW-3D		818.33	N/R	#VALUE!	
EW-8		823.34	24.2	799.14	
EW-9		818.61	19.1	799.51	
EW-11					
EW-12		830.33	32.4	797.93	
EW-14		823.04	N/R	#VALUE!	
MW-3		830.52	35.6	794.92	
MW-6D		826.55	25.5	801.05	
MW-8D					
MW-9D		832.07	31.1	800.97	
MW-7S		823.21	21.3	801.91	
MW-7D		823.28	22.0	801.28	
MW-11		827.61	33.1	794.51	
MW-12		829.74	32.1	797.64	
MW-13D		814.29	20.5	793.79	
MW-21		834.56	32.9	801.66	
MW-22D		831.83	30.4	801.43	
MW-25D		821.52	20.2	801.32	
MW-29		816.51	N/R	#VALUE!	
MW-30		823.47	25.6	797.87	
MW-31		823.00	25.5	797.50	
MW-32		809.85	8.6	801.25	
MW-33		819.37	19.5	799.87	
MW-34		815.37	N/R	#VALUE!	
MW-35		820.34	20.1	800.24	
SPW		822.37	23.7	798.67	

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

May 13, 2015

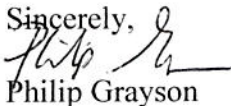
Ms. Sherrel Henry
U.S. Environmental Protection Agency, Region II
Emergency & Remediation Response Division
290 Broadway
New York, New York 10007-1866

Re: Endicott Landfill
Operable Unit 2
Endicott, New York

Dear Ms. Henry:

Enclosed please find a copy of our quarterly Landfill Inspection Report
(January, 2015 – March 2015). The inspection was performed on March 25, 2015.

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

Monitoring Wells will be inspected for the following:

	<u>No</u>	<u>Yes</u>
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>	<u> </u>
2. Are any insert screens broken or missing?	<u>X</u>	<u> </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>	<u> </u>
2. Are there any damaged, missing or obstructed warning signs?	<u>X</u>	<u> </u>

Comments (Required for each Yes answer)

Philip Grayson
Inspector

Philip Grayson
Signature

3/25/15
Date