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

July 30, 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 2nd 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:

April, 2015	460,500 gal/day (320 gal/min)
May, 2015	464,565 gal/day (323 gal/min)
June, 2015	451,778 gal/day (314 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

Suppemental Purge Well
Daily Flow Readings: 2015
Gal./Day

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	495,333	458,000	472,667	482,000	409,000	529,500	#########	0	0	0	0	0
2	495,333	458,000	472,667	438,667	456,000	199,500	0	0	0	0	0	0
3	447,000	458,000	460,000	438,667	506,000	472,000	0	0	0	0	0	0
4	447,000	458,000	456,000	438,667	506,000	472,000	0	0	0	0	0	0
5	447,000	502,000	464,000	518,000	476,000	389,000	0	0	0	0	0	0
6	467,000	489,000	459,000	518,000	455,000	464,667	0	0	0	0	0	0
7	467,000	364,000	395,000	471,000	496,000	464,667	0	0	0	0	0	0
8	484,000	491,000	337,500	465,000	460,000	464,667	0	0	0	0	0	0
9	429,000	491,000	337,500	439,000	460,000	464,000	0	0	0	0	0	0
10	429,000	465,000	0	212,500	460,000	529,000	0	0	0	0	0	0
11	505,500	465,000	503,000	212,500	460,000	435,000	0	0	0	0	0	0
12	505,500	456,000	450,000	530,500	465,000	435,000	0	0	0	0	0	0
13	470,000	297,500	450,000	530,500	473,000	435,000	0	0	0	0	0	0
14	491,000	297,500	408,000	470,000	468,000	464,000	0	0	0	0	0	0
15	438,000	656,000	490,000	470,000	468,000	464,000	0	0	0	0	0	0
16	485,000	656,000	490,000	494,000	396,000	464,000	0	0	0	0	0	0
17	468,000	395,000	375,000	511,000	501,500	472,000	0	0	0	0	0	0
18	468,000	493,000	0	473,667	501,500	476,000	0	0	0	0	0	0
19	468,000	475,200	457,000	473,667	445,000	432,500	0	0	0	0	0	0
20	441,000	475,200	431,000	473,667	456,000	432,500	0	0	0	0	0	0
21	469,000	475,200	431,000	452,000	467,000	491,500	0	0	0	0	0	0
22	456,000	475,200	493,000	491,000	458,000	491,500	0	0	0	0	0	0
23	463,500	475,200	493,000	472,000	450,000	521,000	0	0	0	0	0	0
24	463,500	356,000	467,000	479,750	473,000	414,000	0	0	0	0	0	0
25	463,500	421,000	456,500	479,750	473,000	445,000	0	0	0	0	0	0
26	463,500	493,000	456,500	479,750	473,000	438,000	0	0	0	0	0	0
27	513,000	415,000	467,250	479,750	452,000	438,000	0	0	0	0	0	0
28	431,500	472,667	467,250	500,000	471,000	498,500	0	0	0	0	0	0
29	431,500		467,250	449,000	418,500	498,500	0	0	0	0	0	0
30	458,000		467,250	471,000	418,500	463,000	0	0	0	0	0	0
31	458,000		458,000		529,500		0	0		0		0
Total	14,418,667	12,883,667	13,032,333	13,815,000	14,401,500	13,658,000	#########	0	0	0	0	0
Ave	465,118	460,131	420,398	460,500	464,565	451,778	0	0	0	0	0	0
Gal/Hr.	19,380	19,172	17,517	19,188	19,357	18,824	-242,105	0	0	0	0	0
Gal/Min	323	320	292	320	323	314	-4,035	0	0	0	0	0

Supplemental Purge Well Flow Meter Readings
2015

639049

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prev.				679889	693704							
1				680371	694113	708635						
2	640535		667802		694569	709034						
3			668262			709506						
4		655805	668718	681687	695581	709978						
5	641876	656307	669182		696057	710367						
6	642353	656796	669641	682723	696512							
7	642820	657160	670036	683194	697008							
8	643304			683659		711761						
9		658142	670711	684098		712225						
10	644162		670711			712754						
11		659072	671214	684523	698848							
12	645173	659528			699313	713624						
13	645643		672114	685584	699786	714059						
14	646134	660123	672522									
15	646572			686524	700722	714987						
16	647057	661435	673502	687018	701118	715451						
17		661830	673877	687529		715923						
18		662323	673877		702121	716399						
19	648461		674334		702566							
20	648902			688950	703022	717264						
21	649371		675196	689402	703489							
22	649827			689893	703947	718247						
23		664699	676182	690365	704397	718768						
24		665055	676649			719182						
25		665476				719627						
26	651681	665969	677562		705816							
27	652194	666384		692284	706268	720503						
28				692784	706739							
29	653057			693233		721500						
30			679431	693704	707576	721963						
31			679889									

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**			**20.8**							**45.1**
Chloromethane			<1.0			<1.0							<1.0
Chloroethane			<1.0			<1.0							0
Methylene Chloride			<1.0			<1.0							<1.0
Dichlorodifluoromethane			<1.0			<1.0							<1.0
Trichloroethylene			<1.0			<1.0							<1.0
1,1-Dichloroethane			**2.5**			**2.3**							**4.8**
1,1-Dichloroethylene			<1.0			<1.0							<1.0
cis-1,2-Dichloroethylene			**19**			**18.0**							**37**
cis-1,3-Dichloropropene			<1.0			<1.0							<1.0
Chlorobenzene			**2.6**			**2.2**							**4.8**
Benzene			<1.0			<1.0							<1.0
Toluene			<1.0			<1.0							<1.0
Chloroform			<1.0			**2.7**							**2.7**
m-Xylene & p-Xylene			<2.0			<2.0							<2.0
Total VOC's			**48.4**			**46.0**			**0.0**		**0.0**		**94**

Final Effluent
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			<1.0			<1.0							<1.0
Chloromethane			<1.0			<1.0							<1.0
Chloroethane			<1.0			<1.0							<1.0
Methylene Chloride			<1.0			<1.0							<1.0
Dichlorodifluoromethane			<1.0			<1.0							<1.0
Trichloroethylene			<1.0			<1.0							<1.0
1,1-Dichloroethane			<1.0			<1.0							<1.0
1,1-Dichloroethylene			<1.0			<1.0							<1.0
cis-1,2-Dichloroethylene			<1.0			<1.0							<1.0
cis-1,3-Dichloropropene			<1.0			<1.0							<1.0
Chlorobenzene			<1.0			<1.0							<1.0
Benzene			<1.0			<1.0							<1.0
Toluene			<1.0			<1.0							<1.0
Chloroform			<1.0			**5.72**							**5.72**
Bromodichloromethane			<1.0			**3.84**							**3.84**
m-Xylene & p-Xylene			<2.0			<2.0							<2.0
Total VOC's			<2.0			**9.56**							**9.6**

Microbac Laboratories Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S5F0591

Village of Endicott WWTP

Philip Grayson
1009 East Main Street
Endicott, NY 13760

Project Name: 624

Project / PO Number: N/A
Received: 06/03/2015 16:15
Reported: 06/09/2015 09:27

Analytical Testing Parameters

Client Sample ID: SPW060315G
Lab Sample ID: S5F0591-01
Sample Type: Grab

Collected By: DK-Client
Collection Date: 06/03/15
Collection Time: 07:16

Volatile Organic Compounds - GC/MS	Result	Limit	PQL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 624								
Benzene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Bromodichloromethane	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Bromoform	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Carbon tetrachloride	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Chlorobenzene	**2.15**		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Chloroform	**2.73**		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Dibromochloromethane	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
1,3-Dichlorobenzene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
1,4-Dichlorobenzene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
1,2-Dichlorobenzene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
1,2-Dichloroethane	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
1,1-Dichloroethane	**2.28**		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
cis-1,2-Dichloroethene	**18.0**		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
1,1-Dichloroethene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
trans-1,2-Dichloroethene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
1,2-Dichloropropane	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
trans-1,3-Dichloropropene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
cis-1,3-Dichloropropene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Ethylbenzene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Methyl bromide (Bromomethane)	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Methyl tert-butyl ether (MTBE)	<2.00		2.00	ug/L	Y	06/04/15 1402	06/04/15 1402	RJH
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Tetrachloroethene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Toluene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
1,1,2-Trichloroethane	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
1,1,1-Trichloroethane	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Trichloroethene	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Vinyl chloride	**20.8**		1.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
o-Xylene	<1.00		1.00	ug/L	Y	06/04/15 1402	06/04/15 1402	RJH
m,p-Xylene	<2.00		2.00	ug/L	Y	06/04/15 1402	06/04/15 1402	RJH
Xylenes (total)	<3.00		3.00	ug/L		06/04/15 1402	06/04/15 1402	RJH
Surrogate: 4-Bromofluorobenzene	101		Limit: 81-113	% Rec		06/04/15 1402	06/04/15 1402	RJH

Analytical Testing Parameters

Client Sample ID:	SPW060315G	**Collected By:**	DK-Client
Lab Sample ID:	S5F0591-01	**Collection Date:**	06/03/15
Sample Type:	Grab	**Collection Time:**	07:16

Volatile Organic Compounds - GC/MS	Result	Limit	PQL	Units	Note	Prepared	Analyzed	Analyst
Surrogate: 1,2-Dichloroethane-d4	105		Limit: 64-126	% Rec		06/04/15 1402	06/04/15 1402	RJH
Surrogate: Toluene-d8	97.1		Limit: 84-116	% Rec		06/04/15 1402	06/04/15 1402	RJH

Analytical Testing Parameters

Client Sample ID: EFF060315G
Lab Sample ID: S5F0591-02
Sample Type: Grab

Collected By: DK-Client
Collection Date: 06/03/15
Collection Time: 07:53

Volatile Organic Compounds - GC/MS	Result	Limit	PQL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 624								
Benzene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Bromodichloromethane	**3.84**		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Bromoform	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Carbon tetrachloride	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Chlorobenzene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Chloroform	**5.72**		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Dibromochloromethane	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
1,3-Dichlorobenzene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
1,4-Dichlorobenzene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
1,2-Dichlorobenzene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
1,2-Dichloroethane	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
1,1-Dichloroethane	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
cis-1,2-Dichloroethene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
1,1-Dichloroethene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
trans-1,2-Dichloroethene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
1,2-Dichloropropane	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
trans-1,3-Dichloropropene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
cis-1,3-Dichloropropene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Ethylbenzene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Methyl bromide (Bromomethane)	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Methyl tert-butyl ether (MTBE)	<2.00		2.00	ug/L	Y	06/04/15 1433	06/04/15 1433	RJH
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Tetrachloroethene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Toluene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
1,1,2-Trichloroethane	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
1,1,1-Trichloroethane	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Trichloroethene	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Vinyl chloride	<1.00		1.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
o-Xylene	<1.00		1.00	ug/L	Y	06/04/15 1433	06/04/15 1433	RJH
m,p-Xylene	<2.00		2.00	ug/L	Y	06/04/15 1433	06/04/15 1433	RJH
Xylenes (total)	<3.00		3.00	ug/L		06/04/15 1433	06/04/15 1433	RJH
Surrogate: 4-Bromofluorobenzene	96.4	Limit: 81-113		% Rec		06/04/15 1433	06/04/15 1433	RJH
Surrogate: 1,2-Dichloroethane-d4	106	Limit: 64-126		% Rec		06/04/15 1433	06/04/15 1433	RJH
Surrogate: Toluene-d8	98.2	Limit: 84-116		% Rec		06/04/15 1433	06/04/15 1433	RJH

Microbac Laboratories Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S5F0591

Definitions

PQL:	Practical Quantitation Limit
Y:	This analyte is not on the laboratory's current Scope of Accreditation.

Cooler Receipt Log:

Cooler ID:	Default Cooler		
Cooler Temp:	1.8 °C	Received On Ice (or not required):	Yes
COC/Labels Agree:	Yes	Preservation Correct (or not required):	Yes
Containers Intact:	Yes	Custody Seals Intact and/or No Evidence of Tampering	Yes

Project Requested Certification(s):

Microbac Laboratories Inc., Sayre Division
NY Lab ID No.: 11216 — 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 report as qualifiers and/or noted in the case narrative.

Go Green: Contact Michael Fifield to set up email reporting and invoicing options

Reviewed and Approved By:

Michael Fifield
Division Manager
06/09/2015 09:27

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 michael.fifield@microbac.com or 570-888-0169. You may also contact Trevor Boyce President, at president@microbac.com.

CHAIN OF CUSTODY

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

PAGE____ OF____

REPORT TO:

Village of Endicott WWTP
1009 E. Main St
Endicott NY 13760
CONTACT Dave Kucera
PH# 607-757-5308
FAX#
BILL TO:

PO#
PROJECT DESCRIPTION
SAMPLER SIGNATURE / AFFILIATION

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 PADEP
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
SO_3 SODIUM SULFITE NH_4 AMMONIUM CHLORIDE
Thio SODIUM THIOSULFATE ZN ZINC ACETATE
NONE Hg MERCURIC CHLORIDE

PWS ID #
Location
Sample Point

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

Container	Sample Point No./Type	DATE SAMPLED	TIME OF SAMPLING	SAMPLE MATRIX	SAMPLE TYPE - GRAB / COMPOSITE	SAMPLER INITIALS	PRESERVATIVE	Chlorine Residual Total / Free	ANALYSIS TO BE PERFORMED (PER CONTAINER)	COMPOSITED ON RECEIPT	PRESER...
1	SPW060315G	6/3	7:16am	WW	G	DK	H		EPA 624		
2	EFF060315G	6/3	7:55am	WW	G	DK	H		EPA 624		
3											
4											
5											
6											
7											
8											
9											
10											
11											

S 5 F 0 5 9 1
ENDICOTT WWTP

LAB USE ONLY

JAP

TEMPERATURE UPON RECEIPT 1.8 °C ARRIVAL ON ICE (Y) N

RELINQUISHED BY: Dave Kucera / Joseph Polanz	DATE: 6/3/15	TIME:	RECEIVED BY: Joseph Polanz	DATE: 6/3/15	TIME: 1410
RELINQUISHED BY: Joseph Polanz	DATE: 6/3/15	TIME: 1615	RECEIVED BY:	DATE: / /	TIME:
RELINQUISHED BY:	DATE: / /	TIME:	RECEIVED BY: Tony Cole	DATE: 6/3/15	TIME: 1615

Ad Graphics Printing 570-888-0685

Page 5 of 5

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2015

Well No.		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D				N/R	801.43	799.03	799.23						
EW-8				799.14	803.04	800.04	798.24						
EW-9				799.51	800.71	798.41	798.31						
EW-11													
EW-12				797.93	801.23	797.73	797.93						
EW-14				N/R	803.54	801.04	799.94						
MW-3				794.92	802.82	799.22	799.32						
MW-6D				801.05	805.15	802.25	800.95						
MW-8D													
MW-9D				800.97	811.97	808.67	806.47						
MW-7S				801.91	804.61	801.91	801.31						
MW-7D				801.28	806.68	803.88	803.08						
MW-11				794.51	800.41	796.11	795.41						
MW-12				797.64	800.14	797.54	796.64						
MW-13D				793.79	804.59	800.89	800.69						
MW-21				801.66	805.66	802.06	801.36						
MW-22D				801.43	804.83	800.63	801.43						
MW-25D				801.32	807.22	804.12	796.82						
MW-29				N/R	797.41	793.51	792.91						
MW-30				797.87	802.37	798.87	798.37						
MW-31				797.50	801.70	798.70	799.40						
MW-32				801.25	803.75	800.15	799.75						
MW-33				799.87	802.67	800.27	799.47						
MW-34				N/R	804.17	801.27	800.47						
MW-35				800.24	802.54	800.14	798.64						
SPW				798.67	801.27	798.07	798.17						

GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2015

Well No.		Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D				N/R	16.9	19.3	19.1						
EW-8				24.2	20.3	23.3	25.1						
EW-9				19.1	17.9	20.2	20.3						
EW-11													
EW-12				32.4	29.1	32.6	32.4						
EW-14				N/R	19.5	22.0	23.1						
MW-3				35.6	27.7	31.3	31.2						
MW-6D				25.5	21.4	24.3	25.6						
MW-8D													
MW-9D				31.1	20.1	23.4	25.6						
MW-7S				21.3	18.6	21.3	21.9						
MW-7D				22.0	16.6	19.4	20.2						
MW-11				33.1	27.2	31.5	32.2						
MW-12				32.1	29.6	32.2	33.1						
MW-13D				20.5	9.7	13.4	13.6						
MW-21				32.9	28.9	32.5	33.2						
MW-22D				30.4	27.0	31.2	30.4						
MW-25D				20.2	14.3	17.4	24.7						
MW-29				N/R	19.1	23.0	23.6						
MW-30				25.6	21.1	24.6	25.1						
MW-31				25.5	21.3	24.3	23.6						
MW-32				8.6	6.1	9.7	10.1						
MW-33				19.5	16.7	19.1	19.9						
MW-34				N/R	11.2	14.1	14.9						
MW-35				20.1	17.8	20.2	21.7						
SPW				23.7	21.1	24.3	24.2						

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga DATE: 4/29/2015

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	16.9	801.43	
EW-8		823.34	20.3	803.04	
EW-9		818.61	17.9	800.71	
EW-11					
EW-12		830.33	29.1	801.23	
EW-14		823.04	19.5	803.54	
MW-3		830.52	27.7	802.82	
MW-6D		826.55	21.4	805.15	
MW-8D					
MW-9D		832.07	20.1	811.97	
MW-7S		823.21	18.6	804.61	
MW-7D		823.28	16.6	806.68	
MW-11		827.61	27.2	800.41	
MW-12		829.74	29.6	800.14	
MW-13D		814.29	9.7	804.59	
MW-21		834.56	28.9	805.66	
MW-22D		831.83	27.0	804.83	
MW-25D		821.52	14.3	807.22	
MW-29		816.51	19.1	797.41	
MW-30		823.47	21.1	802.37	
MW-31		823.00	21.3	801.70	
MW-32		809.85	6.1	803.75	
MW-33		819.37	16.7	802.67	
MW-34		815.37	11.2	804.17	
MW-35		820.34	17.8	802.54	
SPW		822.37	21.1	801.27	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga DATE: 5/21/15

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	19.3	799.03	
EW-8		823.34	23.3	800.04	
EW-9		818.61	20.2	798.41	
EW-11					
EW-12		830.33	32.6	797.73	
EW-14		823.04	22.0	801.04	
MW-3		830.52	31.3	799.22	
MW-6D		826.55	24.3	802.25	
MW-8D					
MW-9D		832.07	23.4	808.67	
MW-7S		823.21	21.3	801.91	
MW-7D		823.28	19.4	803.88	
MW-11		827.61	31.5	796.11	
MW-12		829.74	32.2	797.54	
MW-13D		814.29	13.4	800.89	
MW-21		834.56	32.5	802.06	
MW-22D		831.83	31.2	800.63	
MW-25D		821.52	17.4	804.12	
MW-29		816.51	23.0	793.51	
MW-30		823.47	24.6	798.87	
MW-31		823.00	24.3	798.70	
MW-32		809.85	9.7	800.15	
MW-33		819.37	19.1	800.27	
MW-34		815.37	14.1	801.27	
MW-35		820.34	20.2	800.14	
SPW		822.37	24.3	798.07	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: V. Briga DATE: 6/25/2015

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	19.1	799.23	
EW-8		823.34	25.1	798.24	
EW-9		818.61	20.3	798.31	
EW-11					
EW-12		830.33	32.4	797.93	
EW-14		823.04	23.1	799.94	
MW-3		830.52	31.2	799.32	
MW-6D		826.55	25.6	800.95	
MW-8D					
MW-9D		832.07	25.6	806.47	
MW-7S		823.21	21.9	801.31	
MW-7D		823.28	20.2	803.08	
MW-11		827.61	32.2	795.41	
MW-12		829.74	33.1	796.64	
MW-13D		814.29	13.6	800.69	
MW-21		834.56	33.2	801.36	
MW-22D		831.83	30.4	801.43	
MW-25D		821.52	24.7	796.82	
MW-29		816.51	23.6	792.91	
MW-30		823.47	25.1	798.37	
MW-31		823.00	23.6	799.40	
MW-32		809.85	10.1	799.75	
MW-33		819.37	19.9	799.47	
MW-34		815.37	14.9	800.47	
MW-35		820.34	21.7	798.64	
SPW		822.37	24.2	798.17	

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

July 30, 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 (April, 2015 – June 2015). The inspection was performed on June 26, 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:

		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)*

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)*

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:

		No	Yes
Over-Cover Drainage			
1.	Is there any 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 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)*

Inspector

Signature: Philip Grayson

Date: 6/26/15