

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

September 19, 2017

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 and 2nd quarter of 2017 for the supplemental purge well as well as for the final effluent.

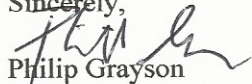
The average daily flows for the months contained in this reporting period are:

January, 2017.....	544,355 gal/day (378 gal/min)
February, 2017.....	543,607 gal/day (378 gal/min)
March, 2017.....	543,871 gal/day (378 gal/min)
April, 2017.....	538,292 gal/day (374 gal/min)
May, 2017.....	526,298 gal/day (365 gal/min)
June, 2017.....	528,630 gal/day (367 gal/min)

Within this report are summaries of daily SPW flows, a listing of detectable VOC's for both SPW and final effluent for 1st and 2nd Quarters of 2017, and water level readings for 2017.

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.

Supplemental Purge Well
Daily Flow Readings: 2017
Gal./Day

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	541,000	552,000	571,000	482,000	531,250	518,000						
2	541,000	530,000	563,000	613,000	329,000	558,000						
3	736,000	578,000	504,000	613,000	541,000	458,000						
4	736,000	541,600	504,000	556,000	531,000	552,000						
5	736,000	541,600	569,500	548,000	543,000	552,000						
6	544,667	541,600	569,500	554,333	543,000	521,000						
7	544,667	541,600	578,000	554,333	543,000	542,000						
8	544,667	541,600	568,000	554,333	543,000	589,000						
9	549,000	524,000	526,000	554,333	563,000	589,000						
10	557,000	525,000	498,000	554,333	510,000	493,667						
11	500,000	545,667	498,000	554,333	536,800	493,667						
12	532,000	545,667	584,500	549,000	536,800	493,667						
13	415,500	545,667	584,500	524,000	536,800	525,000						
14	415,500	550,000	547,000	531,500	536,800	644,000						
15	415,500	549,000	547,000	531,500	536,800	349,000						
16	415,500	533,000	535,400	531,500	536,000	569,000						
17	542,333	542,750	535,400	531,500	536,000	504,000						
18	542,333	542,750	535,400	542,000	536,000	522,667						
19	542,333	542,750	535,400	505,000	478,500	522,667						
20	544,500	542,750	535,400	515,000	478,500	522,667						
21	544,500	536,500	530,000	523,000	581,000	533,000						
22	544,500	536,500	548,000	517,000	581,000	522,000						
23	544,500	552,000	532,000	517,000	511,000	522,000						
24	571,000	512,000	542,750	517,000	548,000	522,000						
25	529,000	497,000	542,750	517,000	461,000	522,000						
26	540,000	592,500	542,750	540,000	515,500	522,000						
27	551,000	592,500	542,750	525,000	515,500	611,000						
28	540,667	545,000	537,000	531,250	549,000	354,000						
29	540,667		537,000	531,250	549,000	677,000						
30	540,667		568,000	531,250	549,000	385,000						
31	533,000		548,000		529,000							
Total	16,875,000	15,221,000	16,860,000	16,148,750	16,315,250	15,689,000	0	0	0	0	0	0
Ave	544,355	543,607	543,871	538,292	526,298	528,630	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Gal/Hr.	22,681	22,650	22,661	22,429	21,929	22,026	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Gal/Min	378	378	378	374	365	367	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Supplemental Purge Well Flow Meter Readings 2017

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prev.	18759	35634	50855	67715		100179						
1		36186	51426	68197	84395	100697						
2	19841	36716	51989		84724	101255						
3		37294		69423	85265	101713						
4			52997	69979	85796							
5	22049			70527		102817						
6			54136			103338						
7			54714			103880						
8	23683	40002	55282		87968							
9	24232	40526	55808		88531	105058						
10	24789	41051	56306		89041							
11	25289		56804	73853								
12	25821			74402		106539						
13		42688	57973	74926		107064						
14		43238				107708						
15		43787	59067		91725	108057						
16	27483	44320				108626						
17				77052		109130						
18				77594	93333							
19	29110			78099								
20		46491	61744	78614	94290	110698						
21			62274	79137		111231						
22		47564	62822		95452							
23	31288	48116	63354		95963							
24	31859	48628			96511							
25	32388	49125		81205	96972							
26	32928			81745		113841						
27	33479	50310	66525	82270	98003	114452						
28		50855				114806						
29			66599			115483						
30	35101		67167		99650	115868						
31	35634		67715		100179							

Supplemental Purge Well
Monthly Analysis: VOC's
2017 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride			16.8			19.9							36.7
Chloromethane			<1.0			<1.0							0.0
Chloroethane			<1.0			<1.0							0.0
Methylene Chloride			<1.0			<1.0							0.0
Dichlorodifluoromethane			<1.0			<1.0							0.0
Trichloroethylene			<1.0			<1.0							0.0
1,1-Dichloroethane			2.16			2.39							4.6
1,1-Dichloroethylene			<1.0			<1.0							0.0
cis-1,2-Dichloroethylene			17.9			20.7							38.6
cis-1,3-Dichloropropene			<1.0			<1.0							0.0
Chlorobenzene			2.22			2.17							4.4
Benzene			<1.0			<1.0							0.0
Toluene			<1.0			<1.0							0.0
Chloroform			<1.0			1.03							1.0
m-Xylene & p-Xylene			<2.0			<2.0							0.0
Total VOC's			39.1		0.0		0.0			0.0			39

Final Effluent
Monthly Analysis: VOC's
2017 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							0
Chloromethane			<1.0			<1.0							0
Chloroethane			<1.0			<1.0							0
Methylene Chloride			<1.0			<1.0							0
Dichlorodifluoromethane			<1.0			<1.0							0
Trichloroethylene			<1.0			<1.0							0
1,1-Dichloroethane			<1.0			<1.0							0
1,1-Dichloroethylene			<1.0			<1.0							0
cis-1,2-Dichloroethylene			<1.0			<1.0							0
cis-1,3-Dichloropropene			<1.0			<1.0							0
Chlorobenzene			<1.0			<1.0							0
Benzene			<1.0			<1.0							0
Toluene			<1.0			<1.0							0.0
Chloroform			<1.0			1.01							1.0
Bromodichloromethane			<1.0			<1.0							0.0
m-Xylene & p-Xylene			<2.0			<2.0							0
Total VOC's			0		0		0.0			0.0			0.0

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2016

Well No.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4												
B-21												
EW-3D			802.63			786.73						
EW-8			808.04			800.24						
EW-9			#VALUE!			799.91						
EW-11												
EW-12												
EW-14			809.04			791.24						
MMW-3			807.52			799.52						
MMW-6D			809.25			802.05						
MMW-8D												
MMW-9D			821.17									
MMW-7S			810.11			802.21						
MMW-7D			811.18			805.68						
MMW-11												
MMW-12												
MMW-13D			#VALUE!			801.69						
MMW-21			809.56			802.76						
MMW-22D			809.13			801.93						
MMW-25D												
MMW-29			811.11									
MMW-30			807.37			799.17						
MMW-31												
MMW-32			#VALUE!			799.65						
MMW-33			807.07			798.37						
MMW-34			807.37			799.47						
MMW-35			807.84			800.14						
SPW			806.17			798.27						

GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2017

Well No.	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4												
B-21												
EW-3D			15.7			31.6						
EW-8			15.3			23.1						
EW-9			N/A			18.7						
EW-11												
EW-12												
EW-14			14.0			31.8						
MMW-3			23.0			31.0						
MMW-6D			17.3			24.5						
MMW-8D												
MMW-9D			10.9									
MMW-7S			13.1			21.0						
MMW-7D			12.1			17.6						
MMW-11												
MMW-12												
MMW-13D			N/A			12.6						
MMW-21			25.0			31.8						
MMW-22D			22.7			29.9						
MMW-25D												
MMW-29			5.4									
MMW-30			16.1			24.3						
MMW-31												
MMW-32			N/A			10.2						
MMW-33			12.3			21.0						
MMW-34			8.0			15.9						
MMW-35			12.5			20.2						
SPV			16.2			24.1						



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J7D0219

Village of Endicott WWTP

Project Name: Sample Analysis

Philip Grayson
1009 East Main Street
Endicott, NY 13760

Project / PO Number: N/A
Received: 03/31/2017
Reported: 04/04/2017

Analytical Testing Parameters

Client Sample ID: SPW033017G
Sample Matrix: Wastewater
Lab Sample ID: J7D0219-01

Collected By: DK-Client
Collection Date: 03/30/2017 11:28

Volatile Organic Compounds - GC/MS	Result	MDL	RL	Units	Note	Prepared	Analyzed	Lab
Method: 5030C/EPA 624								
Benzene	<1.00		1.00	ug/L			04/03/17 1521	NY
Bromodichloromethane	<1.00		1.00	ug/L			04/03/17 1521	NY
Bromoform	<1.00		1.00	ug/L			04/03/17 1521	NY
Carbon tetrachloride	<1.00		1.00	ug/L			04/03/17 1521	NY
Chlorobenzene	2.22		1.00	ug/L			04/03/17 1521	NY
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L			04/03/17 1521	NY
2-Chloroethyl vinyl ether	<10.0		10.0	ug/L			04/03/17 1521	NY
Chloroform	<1.00		1.00	ug/L			04/03/17 1521	NY
Dibromochloromethane	<1.00		1.00	ug/L			04/03/17 1521	NY
1,3-Dichlorobenzene	<1.00		1.00	ug/L			04/03/17 1521	NY
1,4-Dichlorobenzene	<1.00		1.00	ug/L			04/03/17 1521	NY
1,2-Dichlorobenzene	<1.00		1.00	ug/L			04/03/17 1521	NY
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L	Y		04/03/17 1521	NY
1,2-Dichloroethane	<1.00		1.00	ug/L			04/03/17 1521	NY
1,1-Dichloroethane	2.16		1.00	ug/L			04/03/17 1521	NY
cis-1,2-Dichloroethene	17.9		1.00	ug/L			04/03/17 1521	NY
1,1-Dichloroethene	<1.00		1.00	ug/L			04/03/17 1521	NY
trans-1,2-Dichloroethene	<1.00		1.00	ug/L			04/03/17 1521	NY
1,2-Dichloropropane	<1.00		1.00	ug/L			04/03/17 1521	NY
trans-1,3-Dichloropropene	<1.00		1.00	ug/L			04/03/17 1521	NY
cis-1,3-Dichloropropene	<1.00		1.00	ug/L			04/03/17 1521	NY
Ethylbenzene	<1.00		1.00	ug/L			04/03/17 1521	NY
Methyl bromide (Bromomethane)	<1.00		1.00	ug/L	Y		04/03/17 1521	NY
Methyl tert-butyl ether (MTBE)	<2.00		2.00	ug/L	Y		04/03/17 1521	NY
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L			04/03/17 1521	NY
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L			04/03/17 1521	NY
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L	Y		04/03/17 1521	NY
Tetrachloroethene	<1.00		1.00	ug/L			04/03/17 1521	NY
Toluene	<1.00		1.00	ug/L			04/03/17 1521	NY
1,1,2-Trichloroethane	<1.00		1.00	ug/L			04/03/17 1521	NY
1,1,1-Trichloroethane	<1.00		1.00	ug/L			04/03/17 1521	NY
Trichloroethene	<1.00		1.00	ug/L			04/03/17 1521	NY
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L			04/03/17 1521	NY
Vinyl chloride	16.8		1.00	ug/L			04/03/17 1521	NY
o-Xylene	<1.00		1.00	ug/L			04/03/17 1521	NY
m,p-Xylene	<2.00		2.00	ug/L			04/03/17 1521	NY

Microbac Laboratories, Inc.

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Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J7D0219

Client Sample ID: SPW033017G

Sample Matrix: Wastewater

Lab Sample ID: J7D0219-01

Collected By: DK-Client

Collection Date: 03/30/2017 11:28

Volatile Organic Compounds - GC/MS	Result	MDL	RL	Units	Note	Prepared	Analyzed	Lab
Method: 5030C/EPA 624								
Xylenes (total)	<3.00		3.00	ug/L			04/03/17 1521	NY
Surrogate: 4-Bromofluorobenzene	102		Limit: 68-124	% Rec			04/03/17 1521	NY
Surrogate: 1,2-Dichloroethane-d4	105		Limit: 71-151	% Rec			04/03/17 1521	NY
Surrogate: Toluene-d8	105		Limit: 74-134	% Rec			04/03/17 1521	NY



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J7D0219

Client Sample ID: EFF033017G

Sample Matrix: Wastewater

Lab Sample ID: J7D0219-02

Collected By: DK-Client

Collection Date: 03/30/2017 12:16

Volatile Organic Compounds - GC/MS	Result	MDL	RL	Units	Note	Prepared	Analyzed	Lab
Method: 5030C/EPA 624								
Benzene	<1.00		1.00	ug/L			04/03/17 1552	NY
Bromodichloromethane	<1.00		1.00	ug/L			04/03/17 1552	NY
Bromoform	<1.00		1.00	ug/L			04/03/17 1552	NY
Carbon tetrachloride	<1.00		1.00	ug/L			04/03/17 1552	NY
Chlorobenzene	<1.00		1.00	ug/L			04/03/17 1552	NY
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L			04/03/17 1552	NY
2-Chloroethyl vinyl ether	<10.0		10.0	ug/L			04/03/17 1552	NY
Chloroform	<1.00		1.00	ug/L			04/03/17 1552	NY
Dibromochloromethane	<1.00		1.00	ug/L			04/03/17 1552	NY
1,3-Dichlorobenzene	<1.00		1.00	ug/L			04/03/17 1552	NY
1,4-Dichlorobenzene	<1.00		1.00	ug/L			04/03/17 1552	NY
1,2-Dichlorobenzene	<1.00		1.00	ug/L			04/03/17 1552	NY
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L	Y		04/03/17 1552	NY
1,2-Dichloroethane	<1.00		1.00	ug/L			04/03/17 1552	NY
1,1-Dichloroethane	<1.00		1.00	ug/L			04/03/17 1552	NY
cis-1,2-Dichloroethene	<1.00		1.00	ug/L			04/03/17 1552	NY
1,1-Dichloroethene	<1.00		1.00	ug/L			04/03/17 1552	NY
trans-1,2-Dichloroethene	<1.00		1.00	ug/L			04/03/17 1552	NY
1,2-Dichloropropane	<1.00		1.00	ug/L			04/03/17 1552	NY
trans-1,3-Dichloropropene	<1.00		1.00	ug/L			04/03/17 1552	NY
cis-1,3-Dichloropropene	<1.00		1.00	ug/L			04/03/17 1552	NY
Ethylbenzene	<1.00		1.00	ug/L			04/03/17 1552	NY
Methyl bromide (Bromomethane)	<1.00		1.00	ug/L	Y		04/03/17 1552	NY
Methyl tert-butyl ether (MTBE)	<2.00		2.00	ug/L	Y		04/03/17 1552	NY
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L			04/03/17 1552	NY
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L			04/03/17 1552	NY
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L	Y		04/03/17 1552	NY
Tetrachloroethene	<1.00		1.00	ug/L			04/03/17 1552	NY
Toluene	<1.00		1.00	ug/L			04/03/17 1552	NY
1,1,2-Trichloroethane	<1.00		1.00	ug/L			04/03/17 1552	NY
1,1,1-Trichloroethane	<1.00		1.00	ug/L			04/03/17 1552	NY
Trichloroethene	<1.00		1.00	ug/L			04/03/17 1552	NY
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L			04/03/17 1552	NY
Vinyl chloride	<1.00		1.00	ug/L			04/03/17 1552	NY
o-Xylene	<1.00		1.00	ug/L			04/03/17 1552	NY
m,p-Xylene	<2.00		2.00	ug/L			04/03/17 1552	NY
Xylenes (total)	<3.00		3.00	ug/L			04/03/17 1552	NY
Surrogate: 4-Bromofluorobenzene	101		Limit: 68-124	% Rec			04/03/17 1552	NY
Surrogate: 1,2-Dichloroethane-d4	104		Limit: 71-151	% Rec			04/03/17 1552	NY
Surrogate: Toluene-d8	107		Limit: 74-134	% Rec			04/03/17 1552	NY



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J7D0219

Laboratory

NY:

Microbac Laboratories, Inc., New York Division

Definitions

RL:

Reporting Limit

Y:

This analyte is not on the laboratory's current scope of accreditation.

Project Requested Certification(s)

Microbac Laboratories, Inc., New York Division
NY Lab ID No.: 10795

New York State Department of Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

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.

Reviewed and Approved By:

Renee Lantz
Project Manager
renee.lantz@microbac.com
04/04/2017 18:42

Microbac Laboratories, Inc.

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Microbac Laboratories, Inc. CHAIN OF CUSTODY

Samples must be returned on ice
Page 1 of 1

3821 Buck Drive
Cortland, NY 13045
Phone: (607) 753-3403 Fax: (607) 753-3415
NY #10795, EPA #NY00835

MNY Workorder #

Client Information				Billing/Invoice:				Analysis Requested				Receiving Info (Lab Use Only)			
Name:	Endicott WWTP							Ice:	YES	NO	Container Material				
Address:	1009 East Main St							Cooler:	YES	NO	Container Size (in Mil)				
Contact:	Dave Kucera							Sample Temp:	5-20		Preservative				
Phone:	(607) 757-5307							Cooler Seal:	YES	NO	Accepted?	YES	NO		
Project:								Pickup:	YES	NO	Dropoff:	C	W		
Quote ID:								PO#:							
Rush TAT Bus Days: <2 2-5 5-7 7-10				Date Req.:											
Carbon Copy: Yes															
Email Results: Yes				voelab@aol.com - graysonpb@hotmail.com											
Fax Results: Yes				607-757-5308											
Sample Information				Number of Containers for Analysis Requested				Comments/Field Data							
Description/Location	Date	Time	Initial	Matrix	Type										
1 SPW 033017G	3/30/17	11:38 AM	DK	WW	Grab	2									
2 FFF 033017G	3/30/17	12:16 PM	DK	WW	Grab	2									
3															
4															
5															
6															
7															
8															



J7D0219

Received	Print Name and Company	Signature	Date/Time	Comments
Received	SPW Kucera	<i>[Signature]</i>	3-31-17 14:30	
Received	E. Tim	<i>[Signature]</i>	3-31-17 16:00	
Received:	Danville Glover	<i>[Signature]</i>	3/31/17 16:00	
Received:				

Microbac Laboratories (MNY) may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to another accredited laboratory. By signing this document you are attesting that you have been informed by MNY of the intent to subcontract and are in agreement with this action.



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J7F1806

Village of Endicott WWTP

Project Name: Quarterly - SPW/EFF

Philip Grayson
1009 East Main Street
Endicott, NY 13760

Project / PO Number: N/A
Received: 06/27/2017
Reported: 06/30/2017

Analytical Testing Parameters

Client Sample ID: SPW033017G

Sample Matrix: Wastewater

Lab Sample ID: J7F1806-01

Collected By: PG-Client

Collection Date: 06/27/2017 13:04

Volatile Organic Compounds - GC/MS	Result	MDL	RL	Units	Note	Prepared	Analyzed	Lab
Method: 5030C/EPA 624								
Benzene	<1.00		1.00	ug/L			06/29/17 2348	NY
Bromodichloromethane	<1.00		1.00	ug/L			06/29/17 2348	NY
Bromoform	<1.00		1.00	ug/L			06/29/17 2348	NY
Carbon tetrachloride	<1.00		1.00	ug/L			06/29/17 2348	NY
Chlorobenzene	2.17		1.00	ug/L			06/29/17 2348	NY
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L			06/29/17 2348	NY
Chloroform	1.03		1.00	ug/L			06/29/17 2348	NY
Dibromochloromethane	<1.00		1.00	ug/L			06/29/17 2348	NY
1,3-Dichlorobenzene	<1.00		1.00	ug/L			06/29/17 2348	NY
1,4-Dichlorobenzene	<1.00		1.00	ug/L			06/29/17 2348	NY
1,2-Dichlorobenzene	<1.00		1.00	ug/L			06/29/17 2348	NY
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L	Y		06/29/17 2348	NY
1,2-Dichloroethane	<1.00		1.00	ug/L			06/29/17 2348	NY
1,1-Dichloroethane	2.39		1.00	ug/L			06/29/17 2348	NY
cis-1,2-Dichloroethene	20.7		1.00	ug/L			06/29/17 2348	NY
1,1-Dichloroethene	<1.00		1.00	ug/L			06/29/17 2348	NY
trans-1,2-Dichloroethene	<1.00		1.00	ug/L			06/29/17 2348	NY
1,2-Dichloropropane	<1.00		1.00	ug/L			06/29/17 2348	NY
trans-1,3-Dichloropropene	<1.00		1.00	ug/L			06/29/17 2348	NY
cis-1,3-Dichloropropene	<1.00		1.00	ug/L			06/29/17 2348	NY
Ethylbenzene	<1.00		1.00	ug/L			06/29/17 2348	NY
Methyl tert-butyl ether (MTBE)	<2.00		2.00	ug/L	Y		06/29/17 2348	NY
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L			06/29/17 2348	NY
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L			06/29/17 2348	NY
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L	Y		06/29/17 2348	NY
Tetrachloroethene	<1.00		1.00	ug/L			06/29/17 2348	NY
Toluene	<1.00		1.00	ug/L			06/29/17 2348	NY
1,1,2-Trichloroethane	<1.00		1.00	ug/L			06/29/17 2348	NY
1,1,1-Trichloroethane	<1.00		1.00	ug/L			06/29/17 2348	NY
Trichloroethene	<1.00		1.00	ug/L			06/29/17 2348	NY
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L			06/29/17 2348	NY
Vinyl chloride	19.9		1.00	ug/L			06/29/17 2348	NY
o-Xylene	<1.00		1.00	ug/L			06/29/17 2348	NY
m,p-Xylene	<2.00		2.00	ug/L			06/29/17 2348	NY
Xylenes (total)	<3.00		3.00	ug/L			06/29/17 2348	NY
Surrogate: 4-Bromofluorobenzene	103		Limit: 68-124	% Rec			06/29/17 2348	NY

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Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J7F1806

Client Sample ID: SPW033017G

Sample Matrix: Wastewater

Lab Sample ID: J7F1806-01

Collected By: PG-Client

Collection Date: 06/27/2017 13:04

Volatile Organic Compounds - GC/MS	Result	MDL	RL	Units	Note	Prepared	Analyzed	Lab
Method: 5030C/EPA 624								
Surrogate: 1,2-Dichloroethane-d4	103		Limit: 71-151	% Rec			06/29/17 2348	NY
Surrogate: Toluene-d8	122		Limit: 74-134	% Rec			06/29/17 2348	NY



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J7F1806

Client Sample ID: EFF062717G-2

Sample Matrix: Wastewater

Lab Sample ID: J7F1806-02

Collected By: PG-Client

Collection Date: 06/27/2017 13:10

Volatile Organic Compounds - GC/MS	Result	MDL	RL	Units	Note	Prepared	Analyzed	Lab
Method: 5030C/EPA 624								
Benzene	<1.00		1.00	ug/L			06/30/17 0017	NY
Bromodichloromethane	<1.00		1.00	ug/L			06/30/17 0017	NY
Bromoform	<1.00		1.00	ug/L			06/30/17 0017	NY
Carbon tetrachloride	<1.00		1.00	ug/L			06/30/17 0017	NY
Chlorobenzene	<1.00		1.00	ug/L			06/30/17 0017	NY
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L			06/30/17 0017	NY
Chloroform	1.01		1.00	ug/L			06/30/17 0017	NY
Dibromochloromethane	<1.00		1.00	ug/L			06/30/17 0017	NY
1,3-Dichlorobenzene	<1.00		1.00	ug/L			06/30/17 0017	NY
1,4-Dichlorobenzene	<1.00		1.00	ug/L			06/30/17 0017	NY
1,2-Dichlorobenzene	<1.00		1.00	ug/L			06/30/17 0017	NY
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L	Y		06/30/17 0017	NY
1,2-Dichloroethane	<1.00		1.00	ug/L			06/30/17 0017	NY
1,1-Dichloroethane	<1.00		1.00	ug/L			06/30/17 0017	NY
cis-1,2-Dichloroethene	<1.00		1.00	ug/L			06/30/17 0017	NY
1,1-Dichloroethene	<1.00		1.00	ug/L			06/30/17 0017	NY
trans-1,2-Dichloroethene	<1.00		1.00	ug/L			06/30/17 0017	NY
1,2-Dichloropropane	<1.00		1.00	ug/L			06/30/17 0017	NY
trans-1,3-Dichloropropene	<1.00		1.00	ug/L			06/30/17 0017	NY
cis-1,3-Dichloropropene	<1.00		1.00	ug/L			06/30/17 0017	NY
Ethylbenzene	<1.00		1.00	ug/L			06/30/17 0017	NY
Methyl tert-butyl ether (MTBE)	<2.00		2.00	ug/L	Y		06/30/17 0017	NY
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L			06/30/17 0017	NY
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L			06/30/17 0017	NY
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L	Y		06/30/17 0017	NY
Tetrachloroethene	<1.00		1.00	ug/L			06/30/17 0017	NY
Toluene	<1.00		1.00	ug/L			06/30/17 0017	NY
1,1,2-Trichloroethane	<1.00		1.00	ug/L			06/30/17 0017	NY
1,1,1-Trichloroethane	<1.00		1.00	ug/L			06/30/17 0017	NY
Trichloroethene	<1.00		1.00	ug/L			06/30/17 0017	NY
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L			06/30/17 0017	NY
Vinyl chloride	<1.00		1.00	ug/L			06/30/17 0017	NY
o-Xylene	<1.00		1.00	ug/L			06/30/17 0017	NY
m,p-Xylene	<2.00		2.00	ug/L			06/30/17 0017	NY
Xylenes (total)	<3.00		3.00	ug/L			06/30/17 0017	NY
Surrogate: 4-Bromofluorobenzene	103		Limit: 68-124	% Rec			06/30/17 0017	NY
Surrogate: 1,2-Dichloroethane-d4	97.9		Limit: 71-151	% Rec			06/30/17 0017	NY
Surrogate: Toluene-d8	99.9		Limit: 74-134	% Rec			06/30/17 0017	NY

Laboratory

NY: Microbac Laboratories, Inc., New York Division

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Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J7F1806

Definitions

RL: Reporting Limit
Y: This analyte is not on the laboratory's current scope of accreditation.

Project Requested Certification(s)

Microbac Laboratories, Inc., New York Division
NY Lab ID No.: 10795

New York State Department of Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

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.

Reviewed and Approved By:

Renee Lantz
Project Manager
renee.lantz@microbac.com
06/30/2017 20:50

Microbac Laboratories, Inc.

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3821 Buck Drive
Cortland, NY 13045
Phone:(607)753-3403 Fax:(607)753-3415
NY #10795, EPA #NY00935

Microbac Laboratories, Inc. CHAIN OF CUSTODY

Samples must be returned on ice

Page 1 of 1

MNY Workorder #

Client Information				Billing/Invoice:				Analysis Requested				Receiving Info (Lab Use Only)			
Name: Village of Endicott WWTP												Ice: ☒ YES ☐ NO			
Address: 1009 E. Main St.												Cooler: ☒ YES ☐ NO			
Endicott, NY 13760												Sample Temp: 68			
Contact: Philip Grayson												Cooler Seal: YES ☐ NO ☒			
Phone: 607-757-5352												Pickup: YES ☐ NO ☒			
Project: Quarterly - SPW/ELF												Dropoff: W			
Quote ID:				PO#:								Accepted? YES ☐ NO ☒			
Rush TAT Bus. Days: <2 2-5 5-7 7-10				Date Req:											
Carbon Copy: Yes												Container Material			
Email Results: Yes												Container Size (in MI)			
Fax Results: Yes												Preservative			
Sample Information								Comments/F							
Description/Location		Date	Time	Initial	Matrix	Type		Number of Containers for Analysis Requested							
1	SPW 062717G	6/27/17	104pm	PG	GW	G	2								
2	ELF 062717G-2	6/27/17	110pm	PG	WW	G	2								
3															
4															
5															
6															
7															
8															
Print Name and Company								Signature				Date/Time			
Received Philip Grayson Village of Endicott								<i>Philip Grayson</i>				6/27/17			
Received Ernest Spencer								<i>Ernest Spencer</i>				6/27/17 1:45pm			
Received Renee Lantzmu								<i>Renee Lantzmu</i>				6/27/17 1:45pm			
Received:															
Microbac Laboratories (MNY) may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to another accredited laboratory. By signing this document you are attesting that you have been informed by MNY of the intent to subcontract and are in agreement with this action.															



J 7 F 1 8 0 6
Endicott, Village of WWTP