

704008

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

October 5, 2004

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 3rd quarter of 2004 containing the water level readings of the supplemental purge well as well as copies of the required laboratory analysis of the SPW and the final effluent.

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

July, 2004.....	663,258 gal/day (357 gal/min)
August, 2004.....	670,516 gal/day (360 gal/min)
September, 2004.....	685,333 gal/day (361 gal/min)

In addition, summaries of daily SPW flows, a listing of detectable VOC's and water level readings for the year 2004 are also contained.

If you have any questions concerning this report, please call me at 1-607-757-5307.

Sincerely,

A handwritten signature in cursive script, appearing to read "Philip B. Grayson".

Philip B. Grayson
Industrial Pretreatment Coord.

cc: NYSDEC, Larry Lampman, P.E.
NYSDEC, James Burke, P.E.
Malcom Prinie, Bruce Nelson
Village of Endicott File

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto

DATE: 7/28/04

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	15.2	803.13	
EW-8		823.34	9.2	814.14	
EW-9		818.61	13.1	805.51	
EW-11					
EW-12		830.33	25.2	805.13	
EW-14		823.04	10.0	813.04	
MW-3		830.52	23.0	807.52	
MW-6D		826.55	20.6	805.95	
MW-8D					
MW-9D		832.07	25.0	807.07	
MW-7S		823.21	16.5	806.71	
MW-7D		823.28	16.9	806.38	
MW-11		827.61	20.7	806.91	
MW-12		829.74	22.5	807.24	
MW-13D		814.29	14.5	799.79	
MW-21		834.56	27.9	806.66	
MW-22D		831.83	24.2	807.63	
MW-25D		821.52	13.0	808.52	
MW-29		816.51	12.5	804.01	
MW-30		823.47	18.1	805.37	
MW-31		823.00	18.0	805.00	
MW-32		809.85	Flooded	#VALUE!	
MW-33		819.37	14.0	805.37	
MW-34		815.37	10.0	805.37	
MW-35		820.34	15.0	805.34	
SPW		822.37	17.9	804.47	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto/Phil Grayson

DATE: Aug. 26, 2004

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	19.5	798.83	
EW-8		823.34	21.1	802.24	
EW-9		818.61	16.8	801.81	
EW-11					
EW-12		830.33	28.9	801.43	
EW-14		823.04	19.7	803.34	
MW-3		830.52	27.7	802.82	
MW-6D		826.55	22.7	803.85	
MW-8D					
MW-9D		832.07	25.4	806.67	
MW-7S		823.21	18.9	804.36	
MW-7D		823.28	17.0	806.28	
MW-11		827.61	22.6	805.01	
MW-12		829.74	24.8	804.94	
MW-13D		814.29	10.5	803.84	
MW-21		834.56	30.1	804.46	
MW-22D		831.83	28.0	803.83	
MW-25D		821.52	16.4	805.12	
MW-29		816.51	12.2	804.31	
MW-30		823.47	21.9	801.57	
MW-31		823.00	21.7	801.30	
MW-32		809.85	7.5	802.40	
MW-33		819.37	17.7	801.67	
MW-34		815.37	13.8	801.57	
MW-35		820.34	18.7	801.64	
SPW		822.37	21.6	800.77	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto

DATE: 9/30/04

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	18.9	799.43	
EW-8		823.34	20.4	802.94	
EW-9		818.61	16.2	802.41	
EW-11					
EW-12		830.33	28.4	801.93	
EW-14		823.04	19.5	803.54	
MW-3		830.52	27.4	803.12	
MW-6D		826.55	21.5	805.05	
MW-8D					
MW-9D		832.07	23.9	808.17	
MW-7S		823.21	17.8	805.41	
MW-7D		823.28	14.3	808.98	
MW-11		827.61	21.8	805.81	
MW-12		829.74	20.9	808.84	
MW-13D		814.29	10.1	804.19	
MW-21		834.56	29.5	805.06	
MW-22D		831.83	27.2	804.63	
MW-25D		821.52	14.7	806.82	
MW-29		816.51	12.1	804.41	
MW-30		823.47	21.4	802.07	
MW-31		823.00	21.2	801.80	
MW-32		809.85	6.5	803.35	
MW-33		819.37	17.0	802.37	
MW-34		815.37	13.3	802.07	
MW-35		820.34	18.1	802.24	
SPW		822.37	21.1	801.27	

GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2004

Well No.	Time	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D		17.7	24.4	19.8	15.7	18.8	18.6	15.2	19.5	18.9			
EW-8		23.9	25.7	21.2	20.8	22.7	25.9	9.2	21.1	20.4			
EW-9		18.3	21.5	16.9	16.5	17.9	21.7	13.1	16.8	16.2			
EW-11													
EW-12		31.5	33.7	29.1	28.7	30	33.9	25.2	28.9	28.4			
EW-14		25.8	23.7	20.1	17.6	23.1	23.8	10.0	19.7	19.5			
MW-3		30.7	32.6	27.8	27.2	28.7	32.4	23.0	27.7	27.4			
MW-6D		24.1	26.6	22.3	22.2	23.4	27.0	20.6	22.7	21.5			
MW-8D													
MW-9D		28.8	36.8	24.8	24.8	26	29.4	25.0	25.4	23.9			
MW-7S		21.6	20.8	18.1	18.1	19.3	22.9	16.5	18.9	17.8			
MW-7D		22.8	21.3	16.3	16.3	17.8	20.7	16.9	17.0	14.3			
MW-11		25.3	25.7	22.8	22.6	23.7	25.7	20.7	22.6	21.8			
MW-12		29.7	28.6	24.9	24.5	26.2	25.7	22.5	24.8	20.9			
MW-13D		12.2	14.8	10.6	10.2	13.4	15.6	14.5	10.5	10.1			
MW-21		32.8	34.8	30.4	30	31.2	34.8	27.9	30.1	29.5			
MW-22D		27.5	32.4	28.1	27.7	28.9	32.5	24.2	28.0	27.2			
MW-25D		18.8	24.9	15.8	15.9	17.1	20.5	13.0	16.4	14.7			
MW-29		15.1	15.3	11.6	11.4	16.7	17.5	12.5	12.2	12.1			
MW-30		22.7	26.8	22.2	21.7	23	26.9	18.1	21.9	21.4			
MW-31		21.4	26.5	21.9	21.5	22.8	26.7	18.0	21.7	21.2			
MW-32		10.3	12.8	7.4	7.2	8.4	12.1	Flooded	7.5	6.5			
MW-33		19.5	22.4	17.8	17.4	18.7	22.6	14.0	17.7	17.0			
MW-34		26.6	18.7	14	13.6	15	18.8	10.0	13.8	13.3			
MW-35		20.5	23.5	18.9	18.5	19.8	23.6	15.0	18.7	18.1			
SPW		21.5	26.3	21.8	21.4	22.7	26.6	17.9	21.6	21.1			

Supplemental Purge Well
Daily Flow Readings: 2004
Gal./Day

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	674,500	666,000	651,000	801,000	618,000	681,000	673,000	718,000	1,360,000	#####	0	0
2	674,500	666,000	652,000	538,000	686,000	656,000	592,000	718,000	700,000	0	0	0
3	621,000	695,000	643,000	578,000	686,000	683,000	620,000	693,000	720,000	0	0	0
4	694,000	596,000	655,000	688,500	670,000	678,000	656,500	690,000	610,000	0	0	0
5	694,000	645,000	741,000	688,500	679,000	611,000	656,500	692,000	686,000	0	0	0
6	670,000	733,000	573,000	678,000	666,000	730,000	699,000	648,000	686,000	0	0	0
7	667,000	496,000	714,500	672,000	657,500	730,000	670,000	658,000	728,000	0	0	0
8	679,000	662,000	714,500	671,000	657,500	627,000	660,000	711,000	680,000	0	0	0
9	701,000	662,000	659,000	655,500	688,500	666,000	688,000	711,000	680,000	0	0	0
10	492,000	653,000	747,000	655,500	688,500	616,000	584,000	677,000	675,000	0	0	0
11	697,000	663,000	646,000	682,000	666,000	700,000	694,000	670,000	661,000	0	0	0
12	697,000	651,000	702,000	682,000	672,000	616,000	694,000	680,000	703,500	0	0	0
13	606,000	743,000	662,000	670,000	665,000	679,000	660,000	757,000	703,500	0	0	0
14	620,000	532,000	743,500	669,000	677,000	679,000	670,000	573,000	682,000	0	0	0
15	713,000	674,500	743,500	670,000	608,000	692,000	665,000	695,000	685,000	0	0	0
16	693,000	674,500	642,000	823,000	700,000	633,000	616,000	695,000	678,000	0	0	0
17	561,000	659,000	681,000	505,000	700,000	658,000	638,000	200,000	655,000	0	0	0
18	695,000	644,000	684,000	695,000	661,000	64,000	675,000	680,000	420,667	0	0	0
19	695,000	650,000	613,000	695,000	662,000	602,000	675,000	680,000	420,667	0	0	0
20	611,000	667,500	605,000	670,000	664,000	687,500	742,000	669,000	420,667	0	0	0
21	692,000	667,500	699,500	680,000	682,000	687,500	743,000	678,000	715,000	0	0	0
22	634,000	643,000	699,500	665,000	619,000	672,500	514,000	702,500	710,000	0	0	0
23	711,000	643,000	678,000	630,000	680,000	672,500	741,000	702,500	705,000	0	0	0
24	546,000	657,000	679,000	674,000	680,000	673,000	566,000	690,000	749,000	0	0	0
25	695,000	650,000	673,000	690,000	663,000	667,000	692,500	673,000	629,000	0	0	0
26	695,000	650,000	716,000	690,000	654,000	627,000	692,500	797,000	708,500	0	0	0
27	604,000	658,000	576,000	678,000	668,000	698,000	673,000	619,000	708,500	0	0	0
28	662,000	620,000	702,000	673,000	664,000	698,000	680,000	619,000	710,000	0	0	0
29	712,000	651,000	702,000	670,000	625,000	676,000	708,500	706,000	675,000	0	0	0
30	655,000		678,000	687,000	675,000	664,000	708,500	706,000	695,000	0	0	0
31	626,000		754,000		675,000		614,000	680,000		0		0
Total	20,387,000	18,872,000	21,029,000	20,124,000	20,657,000	19,424,000	20,561,000	20,786,000	20,560,000	#####	0	0
Ave	657,645	650,759	678,355	670,800	666,355	647,467	663,258	670,516	685,333	#####	0	0
Gal/Day	21,214	23,241	21,882	22,360	21,495	21,582	21,395	21,630	22,844	-723,434	0	0
Gal/Min	354	387	365	373	358	360	357	360	381	-12,057	0	0

Supplemental Purge Well
Monthly Analysis: VOC's
2004 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride	22	x	x	21.5	x	x	22	x	x		x	x	65.5
Chloromethane	<5	x	x	<5	x	x	<5	x	x		x	x	0
Chloroethane	10	x	x	14.7	x	x	16	x	x		x	x	40.7
Methylene Chloride	<1	x	x	<1	x	x	<5	x	x		x	x	0
Dichlorodifluoromethane	<1	x	x	<1	x	x	<5	x	x		x	x	0
Trichloroethene	<1	x	x	<1	x	x	<5	x	x		x	x	0
1,1-Dichloroethane	3	x	x	<1	x	x	6	x	x		x	x	9
1,1-Dichloroethene	<1	x	x	<1	x	x	<5	x	x		x	x	0
cis-1,2-Dichloroethene	24	x	x	20.7	x	x	26	x	x		x	x	70.7
cis-1,3-Dichloropropene	<1	x	x	<1	x	x	<5	x	x		x	x	0
Chlorobenzene	2	x	x	<1	x	x	<5	x	x		x	x	2
Benzene	0.8	x	x	<1	x	x	<5	x	x		x	x	0.8
Toluene	<1	x	x	<1	x	x	<5	x	x		x	x	0
Chloroform	<1	x	x	<1	x	x	<5	x	x		x	x	0
m-Xylene & p-Xylene	<1	x	x	<1	x	x	<5	x	x		x	x	0
													0
Total VOC's	61.8	x	x	56.9	x	x	70	x	x	0	x	x	188.7

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2004

Well No.	Time	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D		800.63	793.93	798.53	802.63	799.53	799.73	803.13	798.8	799.4			
EW-8		799.44	797.64	802.14	802.54	800.64	797.44	814.14	802.2	802.9			
EW-9		800.31	797.11	801.71	802.11	800.71	796.91	805.51	801.8	802.4			
EW-11													
EW-12		798.83	796.63	801.23	801.63	800.33	796.43	805.13	801.4	801.9			
EW-14		797.24	799.34	802.94	805.44	799.94	799.24	813.04	803.3	803.5			
MW-3		799.82	797.97	802.72	803.32	801.82	798.12	807.52	802.8	803.1			
MW-6D		802.45	799.95	804.25	804.35	803.15	799.55	805.95	803.9	805.1			
MW-8D													
MW-9D		803.32	795.27	807.27	807.27	806.07	802.67	807.07	806.7	808.2			
MW-7S		801.61	802.41	805.11	805.11	803.91	800.31	806.71	804.4	805.4			
MW-7D		800.48	801.98	806.98	806.98	805.48	802.58	806.38	806.3	809.0			
MW-11		802.31	801.91	804.81	805.01	803.91	801.91	806.91	805.0	805.8			
MW-12		800.04	801.14	804.84	805.24	803.54	802.24	807.24	804.9	808.8			
MW-13D		802.09	799.49	803.69	804.09	800.89	798.69	799.79	803.8	804.2			
MW-21		801.76	799.76	804.16	804.56	803.36	799.76	806.66	804.5	805.1			
MW-22D		804.33	799.43	803.73	804.13	802.93	799.33	807.63	803.8	804.6			
MW-25D		802.72	796.62	805.72	805.62	804.42	801.02	808.52	805.1	806.8			
MW-29		801.41	801.21	804.91	805.11	799.81	799.01	804.01	804.3	804.4			
MW-30		800.77	796.67	801.32	801.77	800.47	796.57	805.37	801.6	802.1			
MW-31		801.6	796.5	801.1	801.5	800.2	796.30	805.00	801.3	801.8			
MW-32		799.55	797.05	802.45	802.65	801.45	797.75		802.4	803.4			
MW-33		799.87	796.97	801.57	801.97	800.67	796.77	805.37	801.7	802.4			
MW-34		788.77	796.72	801.37	801.77	800.37	796.57	805.37	801.6	802.1			
MW-35		799.84	796.84	801.44	801.84	800.54	796.74	805.34	801.6	802.2			
SPW		800.87	796.07	800.57	800.97	799.67	795.77	804.47	800.8	801.3			



32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

NY 10252 NJ 73168
PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Steve Cerny

Order Number: 0407-00488
Date Reported: 7/23/2004
Date Received: 7/14/2004
Invoice Number: 5775
Customer Number: E050
Customer PO:

Subject:
624

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
001	SPW Grab	7/14/2004 0:00	Client			
	624 Total Volatiles				EPA 624	7/15/04, 17:27, CPW
	Acrolein	U	ug/L	20		7/15/04, 17:27, CPW
	Acrylonitrile	U	ug/L	20		7/15/04, 17:27, CPW
	Benzene	U	ug/L	5		7/15/04, 17:27, CPW
	Bromodichloromethane	U	ug/L	5		7/15/04, 17:27, CPW
	Bromoform	U	ug/L	5		7/15/04, 17:27, CPW
	Bromomethane	U	ug/L	5		7/15/04, 17:27, CPW
	Carbon Tetrachloride	U	ug/L	5		7/15/04, 17:27, CPW
	Chlorobenzene	U	ug/L	5		7/15/04, 17:27, CPW
	Chloroethane	16	ug/L	5		7/15/04, 17:27, CPW
	2-Chloroethylvinyl ether	U	ug/L	5		7/15/04, 17:27, CPW
	Chloroform	U	ug/L	5		7/15/04, 17:27, CPW
	Chloromethane	U	ug/L	5		7/15/04, 17:27, CPW
	Dibromochloromethane	U	ug/L	5		7/15/04, 17:27, CPW
	1,2-Dichlorobenzene	U	ug/L	5		7/15/04, 17:27, CPW
	1,3-Dichlorobenzene	U	ug/L	5		7/15/04, 17:27, CPW
	1,4-Dichlorobenzene	U	ug/L	5		7/15/04, 17:27, CPW
	1,1-Dichloroethane	6	ug/L	5		7/15/04, 17:27, CPW
	1,2-Dichloroethane	U	ug/L	5		7/15/04, 17:27, CPW
	1,1-Dichloroethene	U	ug/L	5		7/15/04, 17:27, CPW
	cis-1,2-Dichloroethene	26	ug/L	5		7/15/04, 17:27, CPW
	trans-1,2-Dichloroethene	U	ug/L	5		7/15/04, 17:27, CPW
	1,2-Dichloropropane	U	ug/L	5		7/15/04, 17:27, CPW
	cis-1,3-Dichloropropene	U	ug/L	5		7/15/04, 17:27, CPW
	trans-1,3-Dichloropropene	U	ug/L	5		7/15/04, 17:27, CPW
	Ethylbenzene	U	ug/L	5		7/15/04, 17:27, CPW
	Methylene Chloride	U	ug/L	5		7/15/04, 17:27, CPW
	Styrene	U	ug/L	5		7/15/04, 17:27, CPW
	1,1,2,2-Tetrachloroethane	U	ug/L	5		7/15/04, 17:27, CPW
	Tetrachloroethene	U	ug/L	5		7/15/04, 17:27, CPW
	Toluene	U	ug/L	5		7/15/04, 17:27, CPW
	1,1,1-Trichloroethane	U	ug/L	5		7/15/04, 17:27, CPW
	1,1,2-Trichloroethane	U	ug/L	5		7/15/04, 17:27, CPW
	Trichloroethene	U	ug/L	5		7/15/04, 17:27, CPW
	Trichlorofluoromethane	U	ug/L	5		7/15/04, 17:27, CPW
	Vinyl Chloride	22	ug/L	2		7/15/04, 17:27, CPW
	o-Xylene	U	ug/L	5		7/15/04, 17:27, CPW
	m- & p-Xylenes	U	ug/L	5		7/15/04, 17:27, CPW
	Dibromofluoromethane (Surr)	106	% Rec			7/15/04, 17:27, CPW
	Toluene-d8 (Surr)	100	% Rec			7/15/04, 17:27, CPW
	4-Bromofluorobenzene (Surr)	104	% Rec			7/15/04, 17:27, CPW

Key: E = estimated value
ND or U = analyte not detected
B = analyte was detected in the method or trip blank

< = less than the indicated value

ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
mg/Kg = milligrams per kilogram (equivalent to parts per million)

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your sample will be discarded after 14 days unless we are advised otherwise.



32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

NY 10252 NJ 73168
PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Steve Cerny

Order Number: 0407-00488
Date Reported: 7/23/2004
Date Received: 7/14/2004
Invoice Number: 5775
Customer Number: E050
Customer PO:

Subject:
624

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis information
001	SPW Grab	7/14/2004 0:00	Client			
	continued					
	1,2-Dichloroethane-d4 (Surr	98	% Rec			7/15/04, 17:27, CPW
002	Final Effluent Grab	7/14/2004 0:00	Client			
	624 Total Volatiles				EPA 624	7/21/04, 18:19, FE
	Acrolein	U	ug/L	20		7/21/04, 18:19, FE
	Acrylonitrile	U	ug/L	20		7/21/04, 18:19, FE
	Benzene	11	ug/L	5		7/21/04, 18:19, FE
	Bromodichloromethane	U	ug/L	5		7/21/04, 18:19, FE
	Bromoform	U	ug/L	5		7/21/04, 18:19, FE
	Bromomethane	U	ug/L	5		7/21/04, 18:19, FE
	Carbon Tetrachloride	U	ug/L	5		7/21/04, 18:19, FE
	Chlorobenzene	U	ug/L	5		7/21/04, 18:19, FE
	Chloroethane	U	ug/L	5		7/21/04, 18:19, FE
	2-Chloroethylvinyl ether	U	ug/L	5		7/21/04, 18:19, FE
	Chloroform	19	ug/L	5		7/21/04, 18:19, FE
	Chloromethane	U	ug/L	5		7/21/04, 18:19, FE
	Dibromochloromethane	U	ug/L	5		7/21/04, 18:19, FE
	1,2-Dichlorobenzene	U	ug/L	5		7/21/04, 18:19, FE
	1,3-Dichlorobenzene	U	ug/L	5		7/21/04, 18:19, FE
	1,4-Dichlorobenzene	U	ug/L	5		7/21/04, 18:19, FE
	1,1-Dichloroethane	U	ug/L	5		7/21/04, 18:19, FE
	1,2-Dichloroethane	U	ug/L	5		7/21/04, 18:19, FE
	1,1-Dichloroethene	U	ug/L	5		7/21/04, 18:19, FE
	cis-1,2-Dichloroethene	U	ug/L	5		7/21/04, 18:19, FE
	trans-1,2-Dichloroethene	U	ug/L	5		7/21/04, 18:19, FE
	1,2-Dichloropropane	U	ug/L	5		7/21/04, 18:19, FE
	cis-1,3-Dichloropropene	U	ug/L	5		7/21/04, 18:19, FE
	trans-1,3-Dichloropropene	U	ug/L	5		7/21/04, 18:19, FE
	Ethylbenzene	U	ug/L	5		7/21/04, 18:19, FE
	Methylene Chloride	U	ug/L	5		7/21/04, 18:19, FE
	Styrene	U	ug/L	5		7/21/04, 18:19, FE
	1,1,2,2-Tetrachloroethane	U	ug/L	5		7/21/04, 18:19, FE
	Tetrachloroethene	U	ug/L	5		7/21/04, 18:19, FE
	Toluene	U	ug/L	5		7/21/04, 18:19, FE
	1,1,1-Trichloroethane	U	ug/L	5		7/21/04, 18:19, FE
	1,1,2-Trichloroethane	U	ug/L	5		7/21/04, 18:19, FE
	Trichloroethene	U	ug/L	5		7/21/04, 18:19, FE

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Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Steve Cerny

Order Number: 0407-00488
Date Reported: 7/23/2004
Date Received: 7/14/2004
Invoice Number: 5775
Customer Number: E050
Customer PO:

Subject:
624

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
002	Final Effluent Grab	7/14/2004 0:00	Client			
	continued					
	Trichlorofluoromethane	U	ug/L	5		7/21/04, 18:19, FE
	Vinyl Chloride	U	ug/L	2		7/21/04, 18:19, FE
	o-Xylene	U	ug/L	5		7/21/04, 18:19, FE
	m- & p-Xylenes	U	ug/L	5		7/21/04, 18:19, FE
	Dibromofluoromethane (Surr)	99	% Rec			7/21/04, 18:19, FE
	Toluene-d8 (Surr)	98	% Rec			7/21/04, 18:19, FE
	4-Bromofluorobenzene (Surr)	106	% Rec			7/21/04, 18:19, FE
	1,2-Dichloroethane-d4 (Surr)	92	% Rec			7/21/04, 18:19, FE

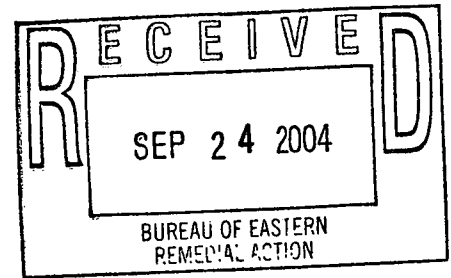
Approved By: _____

Jason Homrighaus, Managing Director

Key: E = estimated value < = less than the indicated value ug/L = micrograms per liter (equivalent to parts per billion)
ND or U = analyte not detected mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank me/Kg = milligrams per kilogram (equivalent to parts per million)

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your sample will be discarded after 14 days unless we are advised otherwise.

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



September 21, 2004

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
(June, 2004 – August, 2004).

If you have any questions, please call me at 1-607-757-5307.

Sincerely,

A handwritten signature in cursive script, appearing to read "Philip B. Grayson".

Philip B. Grayson
Industrial Pretreatment Coordinator

Cc: Mr. Larry Lampman, P.E., DEC
Mr. James Burke, P.E., DEC
Ms. Jean McCreary, EJ
Mr. Tom Morris, IBM
Mr. Jack Cheevers, Town of Union
Mayor Pulse, 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>✓</u>	<u>—</u>
2. Is there evidence of cracks or subsidence?	<u>✓</u>	<u>—</u>
3. Is there evidence of burrowing by animals?	<u>✓</u>	<u>—</u>
4. Is there any deep-rooted vegetation present?	<u>✓</u>	<u>—</u>
5. Is there any erosion damage to grassed areas?	<u>✓</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>✓</u>	<u>✓</u>
2. Are there substantial potholes?	<u>✓</u>	<u>—</u>
3. Is there evidence of cracks or subsidence?	<u>—</u>	<u>✓</u>

Comments: (Required for each Yes answer)

Some cracks exist on paved area but due to heavy & consistent rain falls throughout the summer, pooled water has prevented any repair.

The Chief Operator at the Wastewater Facility has been notified of the situation

C. Site Drainage System

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

Over-Cover Drainage

- | | <u>No</u> | <u>Yes</u> |
|---|-----------|------------|
| 1. Is there any erosion damage to swales? | <u>✓</u> | — |
| 2. Is there any debris in swales? | <u>✓</u> | — |
| 3. Is there any sloughing of cap system? | <u>✓</u> | — |

Perimeter Drainage

- | | | |
|---|----------|---|
| 1. Is there any erosion damage to drainage ditch? | <u>✓</u> | — |
| 2. Is there any debris or sediment in drainage ditch? | <u>✓</u> | — |
| 3. <i>Seeps Observed</i> | <u>✓</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>✓</u> | — |
| 2. Is there any evidence of erosion of soils in the immediate area around the well casing? | <u>✓</u> | — |
| 3. Is concrete collar cracked or settled? | <u>✓</u> | — |

Comments: (Required for each Yes answer)

E. Gas Vents

Gas vents will be inspected for the following:

1. Is there any damage to the risers?
2. Are any insert screens broken or missing?

No	Yes
☐	☒
☒	☐

Comments: (Required for each Yes answer)

Gas vents # 48, # 56, & # 54 observed broken in previous
report have not been fixed yet.

3. Description of Air Monitoring Activities (indicate readings)

None

F. Security

Site security of the facility will be inspected by examining the following items:

1. Is there any damage to gates?
2. Are there any damaged, missing or obstructed warning signs?

No	Yes
☒	☐
☒	☐

Comments: (Required for each Yes answer)

Stephen R. Carney
Inspector

Stephen R. Carney
Signature

8/20/04
Date

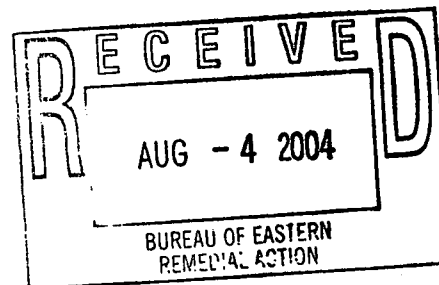
File on eDOCs? ____ Yes ____ No
Site Name ____
Site # ____
County ____
Town ____
Foilable ____ Yes ____ No
Please Write The eDOC File
Name Description ____

J. J. J.

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

August 2, 2004

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 2004 containing the water level readings of the supplemental purge well as well as copies of the required laboratory analysis of the SPW and the final effluent.

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

April, 2004.....	670,800 gal/day (466 gal/min)
May, 2004.....	666,355 gal/day (463 gal/min)
June, 2004.....	647,467 gal/day (450 gal/day)

In addition, summaries of daily SPW flows, a listing of detectable VOC's and water level readings for the year 2004 are also contained.

If you have any questions concerning this report, please call me at 1-607-757-5307.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen R. Cerny". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Stephen R. Cerny
Industrial Pretreatment Coord.

cc: NYSDEC, Larry Lampman, P.E.
NYSDEC, James Burke, P.E.
Malcom Prinie, Bruce Nelson
Village of Endicott File

**GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT**

SAMPLED BY: Paul Veruto

DATE: April 29, 2004

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	15.7	802.63	
EW-8		823.34	20.8	802.54	
EW-9		818.61	16.5	802.11	
EW-11					
EW-12		830.33	28.7	801.63	
EW-14		823.04	17.6	805.44	
MW-3		830.52	27.2	803.32	
MW-6D		826.55	22.2	804.35	
MW-8D					
MW-9D		832.07	24.8	807.27	
MW-7S		823.21	18.1	805.11	
MW-7D		823.28	16.3	806.98	
MW-11		827.61	22.6	805.01	
MW-12		829.74	24.5	805.24	
MW-13D		814.29	10.2	804.09	
MW-21		834.56	30.0	804.56	
MW-22D		831.83	27.7	804.13	
MW-25D		821.52	15.9	805.62	
MW-29		816.51	11.4	805.11	
MW-30		823.47	21.7	801.77	
MW-31		823.00	21.5	801.50	
MW-32		809.85	7.2	802.65	
MW-33		819.37	17.4	801.97	
MW-34		815.37	13.6	801.77	
MW-35		820.34	18.5	801.84	
SPW		822.37	21.4	800.97	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto

DATE: 27-May-04

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	18.8	799.53	
EW-8		823.34	22.7	800.64	
EW-9		818.61	17.9	800.71	
EW-11					
EW-12		830.33	30.0	800.33	
EW-14		823.04	23.1	799.94	
MW-3		830.52	28.7	801.82	
MW-6D		826.55	23.4	803.15	
MW-8D					
MW-9D		832.07	26.0	806.07	
MW-7S		823.21	19.3	803.91	
MW-7D		823.28	17.8	805.48	
MW-11		827.61	23.7	803.91	
MW-12		829.74	26.2	803.54	
MW-13D		814.29	13.4	800.89	
MW-21		834.56	31.2	803.36	
MW-22D		831.83	28.9	802.93	
MW-25D		821.52	17.1	804.42	
MW-29		816.51	16.7	799.81	
MW-30		823.47	23.0	800.47	
MW-31		823.00	22.8	800.20	
MW-32		809.85	8.4	801.45	
MW-33		819.37	18.7	800.67	
MW-34		815.37	15.0	800.37	
MW-35		820.34	19.8	800.54	
SPW		822.37	22.7	799.67	

**GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT**

SAMPLED BY: _____

DATE: June 30, 2004 _____

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	18.6	799.73	
EW-8		823.34	25.9	797.44	
EW-9		818.61	21.7	796.91	
EW-11					
EW-12		830.33	33.9	796.43	
EW-14		823.04	23.8	799.24	
MW-3		830.52	32.4	798.12	
MW-6D		826.55	27.0	799.55	
MW-8D					
MW-9D		832.07	29.4	802.67	
MW-7S		823.21	22.9	800.31	
MW-7D		823.28	20.7	802.58	
MW-11		827.61	25.7	801.91	
MW-12		829.74	27.5	802.24	
MW-13D		814.29	15.6	798.69	
MW-21		834.56	34.8	799.76	
MW-22D		831.83	32.5	799.33	
MW-25D		821.52	20.5	801.02	
MW-29		816.51	17.5	799.01	
MW-30		823.47	26.9	796.57	
MW-31		823.00	26.7	796.30	
MW-32		809.85	12.1	797.75	
MW-33		819.37	22.6	796.77	
MW-34		815.37	18.8	796.57	
MW-35		820.34	23.6	796.74	
SPW		822.37	26.6	795.77	

GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2004

Well No.	Time	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D		17.7	24.4	19.8	15.7	18.8	18.6						
EW-8		23.9	25.7	21.2	20.8	22.7	25.9						
EW-9		18.3	21.5	16.9	16.5	17.9	21.7						
EW-11													
EW-12		31.5	33.7	29.1	28.7	30	33.9						
EW-14		25.8	23.7	20.1	17.6	23.1	23.8						
MW-3		30.7	32.6	27.8	27.2	28.7	32.4						
MW-6D		24.1	26.6	22.3	22.2	23.4	27.0						
MW-8D													
MW-9D		28.8	36.8	24.8	24.8	26	29.4						
MW-7S		21.6	20.8	18.1	18.1	19.3	22.9						
MW-7D		22.8	21.3	16.3	16.3	17.8	20.7						
MW-11		25.3	25.7	22.8	22.6	23.7	25.7						
MW-12		29.7	28.6	24.9	24.5	26.2	25.7						
MW-13D		12.2	14.8	10.6	10.2	13.4	15.6						
MW-21		32.8	34.8	30.4	30	31.2	34.8						
MW-22D		27.5	32.4	28.1	27.7	28.9	32.5						
MW-25D		18.8	24.9	15.8	15.9	17.1	20.5						
MW-29		15.1	15.3	11.6	11.4	16.7	17.5						
MW-30		22.7	26.8	22.2	21.7	23	26.9						
MW-31		21.4	26.5	21.9	21.5	22.8	26.7						
MW-32		10.3	12.8	7.4	7.2	8.4	12.1						
MW-33		19.5	22.4	17.8	17.4	18.7	22.6						
MW-34		26.6	18.7	14	13.6	15	18.8						
MW-35		20.5	23.5	18.9	18.5	19.8	23.6						
SPW		21.5	26.3	21.8	21.4	22.7	26.6						

Supplemental Purge Well
Daily Flow Readings: 2004
Gal./Day

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	674,500	666,000	651,000	801,000	618,000	681,000	-633,993,000	0	0	0	0	0
2	674,500	666,000	652,000	538,000	686,000	656,000	0	0	0	0	0	0
3	621,000	695,000	643,000	578,000	686,000	683,000	0	0	0	0	0	0
4	694,000	596,000	655,000	688,500	670,000	678,000	0	0	0	0	0	0
5	694,000	645,000	741,000	688,500	679,000	611,000	0	0	0	0	0	0
6	670,000	733,000	573,000	678,000	666,000	730,000	0	0	0	0	0	0
7	667,000	496,000	714,500	672,000	657,500	730,000	0	0	0	0	0	0
8	679,000	662,000	714,500	671,000	657,500	627,000	0	0	0	0	0	0
9	704,000	662,000	659,000	655,500	688,500	666,000	0	0	0	0	0	0
10	492,000	653,000	747,000	655,500	688,500	616,000	0	0	0	0	0	0
11	697,000	663,000	646,000	682,000	666,000	700,000	0	0	0	0	0	0
12	697,000	651,000	702,000	682,000	672,000	616,000	0	0	0	0	0	0
13	606,000	743,000	662,000	670,000	665,000	679,000	0	0	0	0	0	0
14	620,000	532,000	743,500	669,000	677,000	679,000	0	0	0	0	0	0
15	713,000	674,500	743,500	670,000	608,000	692,000	0	0	0	0	0	0
16	693,000	674,500	642,000	823,000	700,000	633,000	0	0	0	0	0	0
17	561,000	659,000	681,000	505,000	700,000	658,000	0	0	0	0	0	0
18	695,000	644,000	684,000	695,000	661,000	64,000	0	0	0	0	0	0
19	695,000	650,000	613,000	695,000	662,000	602,000	0	0	0	0	0	0
20	611,000	667,500	605,000	670,000	664,000	687,500	0	0	0	0	0	0
21	692,000	667,500	699,500	680,000	682,000	687,500	0	0	0	0	0	0
22	634,000	643,000	699,500	665,000	619,000	672,500	0	0	0	0	0	0
23	711,000	643,000	678,000	630,000	680,000	672,500	0	0	0	0	0	0
24	546,000	657,000	679,000	674,000	680,000	673,000	0	0	0	0	0	0
25	695,000	650,000	673,000	690,000	663,000	667,000	0	0	0	0	0	0
26	695,000	650,000	716,000	690,000	654,000	627,000	0	0	0	0	0	0
27	604,000	658,000	576,000	678,000	668,000	698,000	0	0	0	0	0	0
28	662,000	620,000	702,000	673,000	664,000	698,000	0	0	0	0	0	0
29	712,000	651,000	702,000	670,000	625,000	676,000	0	0	0	0	0	0
30	655,000		678,000	687,000	675,000	664,000	0	0	0	0	0	0
31	626,000		754,000		675,000		0	0		0		0
Total	20,387,000	18,872,000	21,029,000	20,124,000	20,657,000	19,424,000	-633,993,000	0	0	0	0	0
Ave	657,645	650,759	678,355	670,800	666,355	647,467	-20,451,387	0	0	0	0	0
Ave	21,214	23,241	21,882	22,360	21,495	21,582	-659,722	0	0	0	0	0
Gal/Day												

Supplemental Purge Well
Monthly Analysis: VOC's
2004 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride	22	x	x	21.5	x	x		x	x		x	x	43.5
Chloromethane	<5	x	x	<5	x	x		x	x		x	x	0
Chloroethane	10	x	x	14.7	x	x		x	x		x	x	24.7
Methylene Chloride	<1	x	x	<1	x	x		x	x		x	x	0
Dichlorodifluoromethane	<1	x	x	<1	x	x		x	x		x	x	0
Trichloroethene	<1	x	x	<1	x	x		x	x		x	x	0
1,1-Dichloroethane	3	x	x	<1	x	x		x	x		x	x	3
1,1-Dichloroethene	<1	x	x	<1	x	x		x	x		x	x	0
cis-1,2-Dichloroethene	24	x	x	20.7	x	x		x	x		x	x	44.7
cis-1,3-Dichloropropene	<1	x	x	<1	x	x		x	x		x	x	0
Chlorobenzene	2	x	x	<1	x	x		x	x		x	x	2
Benzene	0.8	x	x	<1	x	x		x	x		x	x	0.8
Toluene	<1	x	x	<1	x	x		x	x		x	x	0
Chloroform	<1	x	x	<1	x	x		x	x		x	x	0
m-Xylene & p-Xylene	<1	x	x	<1	x	x		x	x		x	x	0
													0
Total VOC's	61.8	x	x	56.9	x	x	0	x	x	0	x	x	118.7

**Final Effluent
Monthly Analysis: VOC's
2004 Detectable Quantities**

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride	<1	x	x	<1	x	x		x	x		x	x	0
Chloromethane	<5	x	x	<5	x	x		x	x		x	x	0
Chloroethane	<5	x	x	<5	x	x		x	x		x	x	0
Methylene Chloride	<1	x	x	<1	x	x		x	x		x	x	0
Dichlorodifluoromethane	<1	x	x	<1	x	x		x	x		x	x	0
Trichloroethene	<1	x	x	<1	x	x		x	x		x	x	0
1,1-Dichloroethane	<1	x	x	<1	x	x		x	x		x	x	0
1,1-Dichloroethene	<1	x	x	<1	x	x		x	x		x	x	0
cis-1,2-Dichloroethene	<1	x	x	<1	x	x		x	x		x	x	0
cis-1,3-Dichloropropene	<1	x	x	<1	x	x		x	x		x	x	0
Chlorobenzene	<1	x	x	<1	x	x		x	x		x	x	0
Benzene	<1	x	x	<1	x	x		x	x		x	x	0
Toluene	<1	x	x	<1	x	x		x	x		x	x	0
Chloroform	3	x	x	<1	x	x		x	x		x	x	3
Bromodichloromethane	2	x	x	<1	x	x		x	x		x	x	2
m-Xylene & p-Xylene	<1	x	x	<1	x	x		x	x		x	x	0
Total VOC's	5	x	x	<5	x	x	0	x	x		x	x	5



32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

NY 10252 NJ 73168
PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Steve Cerny

Order Number: 0404-00135
Date Reported: 4/22/2004
Date Received: 4/6/2004
Invoice Number 2349
Customer Number: E050
Customer PO:

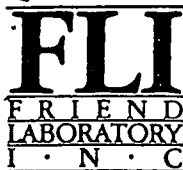
Subject:
624

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
001	SPW 040604-Grab	4/6/2004 8:00 Client				
	624 Total Volatiles				EPA 624	4/19/04, 0:00, SUB
	Acrolein	U	ug/L	1		4/19/04, 0:00, SUB
	Acrylonitrile	U	ug/L	1		4/19/04, 0:00, SUB
	Benzene	U	ug/L	1		4/19/04, 0:00, SUB
	Bromodichloromethane	U	ug/L	1		4/19/04, 0:00, SUB
	Bromoform	U	ug/L	1		4/19/04, 0:00, SUB
	Bromomethane	U	ug/L	5		4/19/04, 0:00, SUB
	Carbon Tetrachloride	U	ug/L	1		4/19/04, 0:00, SUB
	Chlorobenzene	U	ug/L	1		4/19/04, 0:00, SUB
	Chloroethane	14.7	ug/L	5		4/19/04, 0:00, SUB
	2-Chloroethylvinyl ether	U	ug/L	5		4/19/04, 0:00, SUB
	Chloroform	U	ug/L	1		4/19/04, 0:00, SUB
	Chloromethane	U	ug/L	5		4/19/04, 0:00, SUB
	Dibromochloromethane	U	ug/L	1		4/19/04, 0:00, SUB
	1,2-Dichlorobenzene	U	ug/L	1		4/19/04, 0:00, SUB
	1,3-Dichlorobenzene	U	ug/L	1		4/19/04, 0:00, SUB
	1,4-Dichlorobenzene	U	ug/L	1		4/19/04, 0:00, SUB
	1,1-Dichloroethane	U	ug/L	1		4/19/04, 0:00, SUB
	1,2-Dichloroethane	U	ug/L	1		4/19/04, 0:00, SUB
	1,1-Dichloroethene	U	ug/L	1		4/19/04, 0:00, SUB
	cis-1,2-Dichloroethene	20.7	ug/L	1		4/19/04, 0:00, SUB
	trans-1,2-Dichloroethene	U	ug/L	1		4/19/04, 0:00, SUB
	1,2-Dichloropropane	U	ug/L	1		4/19/04, 0:00, SUB
	cis-1,3-Dichloropropene	U	ug/L	1		4/19/04, 0:00, SUB
	trans-1,3-Dichloropropene	U	ug/L	1		4/19/04, 0:00, SUB
	Ethylbenzene	U	ug/L	1		4/19/04, 0:00, SUB
	Methylene Chloride	U	ug/L	1		4/19/04, 0:00, SUB
	Styrene	U	ug/L	1		4/19/04, 0:00, SUB
	1,1,2,2-Tetrachloroethane	U	ug/L	1		4/19/04, 0:00, SUB
	Tetrachloroethene	U	ug/L	1		4/19/04, 0:00, SUB
	Toluene	U	ug/L	1		4/19/04, 0:00, SUB
	1,1,1-Trichloroethane	U	ug/L	1		4/19/04, 0:00, SUB
	1,1,2-Trichloroethane	U	ug/L	1		4/19/04, 0:00, SUB
	Trichloroethene	U	ug/L	1		4/19/04, 0:00, SUB
	Trichlorofluoromethane	U	ug/L	1		4/19/04, 0:00, SUB
	Vinyl Chloride	21.5	ug/L	2		4/19/04, 0:00, SUB
	o-Xylene	U	ug/L	1		4/19/04, 0:00, SUB
	m & p-Xylenes	U	ug/L	1		4/19/04, 0:00, SUB

624 subcontracted to Environmental Laboratory Service-North Syracuse, NY #11375.

Key: E = estimated value < = less than the indicated value ug/L = micrograms per liter (equivalent to parts per billion)
ND or U = analyte not detected mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank mg/Kg = milligrams per kilogram (equivalent to parts per million)

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your sample will be discarded after 14 days unless we are advised otherwise.



32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

NY 10252 NJ 73168
PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Steve Cerny

Order Number: 0404-00135
Date Reported: 4/22/2004
Date Received: 4/6/2004
Invoice Number 2349
Customer Number: E050
Customer PO:

Subject:
624

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
002	Final Effluent-040604-Grab	4/6/2004 8:00 Client				
	624 Total Volatiles				EPA 624	4/19/04, 0:00, SUB
	Acrolein	U	ug/L	1		4/19/04, 0:00, SUB
	Acrylonitrile	U	ug/L	1		4/19/04, 0:00, SUB
	Benzene	U	ug/L	1		4/19/04, 0:00, SUB
	Bromodichloromethane	U	ug/L	1		4/19/04, 0:00, SUB
	Bromoform	U	ug/L	1		4/19/04, 0:00, SUB
	Bromomethane	U	ug/L	5		4/19/04, 0:00, SUB
	Carbon Tetrachloride	U	ug/L	1		4/19/04, 0:00, SUB
	Chlorobenzene	U	ug/L	1		4/19/04, 0:00, SUB
	Chloroethane	U	ug/L	5		4/19/04, 0:00, SUB
	2-Chloroethylvinyl ether	U	ug/L	5		4/19/04, 0:00, SUB
	Chloroform	U	ug/L	1		4/19/04, 0:00, SUB
	Chloromethane	U	ug/L	5		4/19/04, 0:00, SUB
	Dibromochloromethane	U	ug/L	1		4/19/04, 0:00, SUB
	1,2-Dichlorobenzene	U	ug/L	1		4/19/04, 0:00, SUB
	1,3-Dichlorobenzene	U	ug/L	1		4/19/04, 0:00, SUB
	1,4-Dichlorobenzene	U	ug/L	1		4/19/04, 0:00, SUB
	1,1-Dichloroethane	U	ug/L	1		4/19/04, 0:00, SUB
	1,2-Dichloroethane	U	ug/L	1		4/19/04, 0:00, SUB
	1,1-Dichloroethene	U	ug/L	1		4/19/04, 0:00, SUB
	cis-1,2-Dichloroethene	U	ug/L	1		4/19/04, 0:00, SUB
	trans-1,2-Dichloroethene	U	ug/L	1		4/19/04, 0:00, SUB
	1,2-Dichloropropane	U	ug/L	1		4/19/04, 0:00, SUB
	cis-1,3-Dichloropropene	U	ug/L	1		4/19/04, 0:00, SUB
	trans-1,3-Dichloropropene	U	ug/L	1		4/19/04, 0:00, SUB
	Ethylbenzene	U	ug/L	1		4/19/04, 0:00, SUB
	Methylene Chloride	U	ug/L	1		4/19/04, 0:00, SUB
	Styrene	U	ug/L	1		4/19/04, 0:00, SUB
	1,1,2,2-Tetrachloroethane	U	ug/L	1		4/19/04, 0:00, SUB
	Tetrachloroethene	U	ug/L	1		4/19/04, 0:00, SUB
	Toluene	U	ug/L	1		4/19/04, 0:00, SUB
	1,1,1-Trichloroethane	U	ug/L	1		4/19/04, 0:00, SUB
	1,1,2-Trichloroethane	U	ug/L	1		4/19/04, 0:00, SUB
	Trichloroethene	U	ug/L	1		4/19/04, 0:00, SUB
	Trichlorofluoromethane	U	ug/L	1		4/19/04, 0:00, SUB
	Vinyl Chloride	U	ug/L	2		4/19/04, 0:00, SUB
	o-Xylene	U	ug/L	1		4/19/04, 0:00, SUB
	m & p-Xylenes	U	ug/L	1		4/19/04, 0:00, SUB

624 subcontracted to Environmental Laboratory Service-North Syracuse, NY #11375.

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The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your sample will be discarded after 14 days unless we are advised otherwise.

File on eDOCs? ____ Yes ____ No
Site Name _____
Site # _____
County _____
Town _____
Foilable _____ Yes ____ No ____
Please Write The eDOC File
Name Description _____

From: <Henry.Sherrel@epamail.epa.gov>
To: <jxrider@gw.dec.state.ny.us>
Date: 6/30/04 8:30AM
Subject: Re: Endicott Village LF and Wellfield #704008

oops, five-year review attached!(See attached file: endicott5.1)

Sherrel Henry
U.S. EPA- Region 2
290 Broadway, 20th Floor
New York, NY 10007-1866
Phone: (212) 637-4273
Fax: (212) 637-3966
Email:henry.sherrel@epa.gov
----- Forwarded by Sherrel Henry/R2/USEPA/US on 06/30/2004 08:15 AM

Sherrel Henry
To: jxrider@gw.dec.state.ny.us
06/30/2004 08:12 AM cc:
Subject: Re: Endicott Village LF and Wellfield #704008

Sherrel Henry
U.S. EPA- Region 2
290 Broadway, 20th Floor
New York, NY 10007-1866
Phone: (212) 637-4273
Fax: (212) 637-3966
Email:henry.sherrel@epa.gov
----- Forwarded by Sherrel Henry/R2/USEPA/US on 06/30/2004 08:12 AM

Sherrel Henry
To: xrider@gw.dec.state.ny.us
06/29/2004 03:37 PM cc:
Subject: Re: Endicott Village LF and Wellfield #704008
(Document link: Sherrel Henry)

Hello Jerry,

I am responding to your E-mail to John Malleck about the Endicott Wellfield site. I am the Project Manager for the Site and Kevin Lynch is my Supervisor. Below are answers to your questions. Please contact me at (212)637-4273, if you need additional information.

1. Has there been 5 year reviews since 1987? There was a five-year review prepared in September 2001. (attached)
2. What is the long monitoring plan and has it been implemented? There are 3 operable units for the Endicott Wellfield. OU1-Rainey Well-no long term monitoring required; OU2-Endicott Landfill-Fill out quarterly post closure inspection forms; and OU3-Supplemental Purge well (SPW)-Quarterly sampling of the SPW and the final effluent.
3. Can we get the tabulated data and the monitoring plan showing the well locations, etc.-Larry Lampman (518-402-9564) from DEC should have copies of all data and monitoring Plans. However, if there's a problem, please let me know and I will get you copies.
4. Has there been any soil gas measurements taken in the area? No soil gas measurements taken.

Sherrel Henry
U.S. EPA- Region 2
290 Broadway, 20th Floor
New York, NY 10007-1866
Phone: (212) 637-4273
Fax: (212) 637-3966
Email:henry.sherrel@epa.gov

----- Forwarded by Kevin Lynch/R2/USEPA/US on 06/28/04 02:59 PM -----

John Malleck

To: Kevin Lynch/R2/USEPA/US@EPA
06/25/04 12:39 PM cc:
Subject: Endicott Village LF and Wellfield #704008

Kevin -- FYI

----- Forwarded by John Malleck/R2/USEPA/US on 06/25/2004 12:35 PM -----

Jerry Rider

<jxrider@gw.dec.state.ny.us> To: John Malleck/R2/USEPA/US@EPA
cc: Edward Belmore <exbelmor@gw.dec.state.ny.us>, Matthew Dunham <mddunham@gw.dec.state.ny.us>, Robert
06/25/2004 10:08 AM Knizek <rcknizek@gw.dec.state.ny.us>
Subject: Endicott Village LF and Wellfield #704008

John

I know you now working in a different group beginning this month so I am hoping your memory isn't totally erased yet. I need to discuss the

above site with the current EPA project manager and hook him/her up with Mr. Knizeck of our office who is dealing with the IBM issue in Endicott.

There are questions from the public on the subject site about what has happened over the years. EPA has the lead on this site (a new PM contact from DEC has not been officially assigned yet during our reorganization) and he would like to know the following:

1. Has there been 5 year reviews since 1987?
2. What is the long monitoring plan and has it been implemented?
3. Can we get the tabulated data and the monitoring plan showing the well locations, etc.
4. Has there been any soil gas measurements taken in the area?

Can you help me out or pass this to the EPA PM? Thanks

From: Jerry Rider
To: Lampman, Larry; Yavonditte, Joseph
Date: 6/30/04 1:39PM
Subject: Fwd: Re: Endicott Village LF and Wellfield #704008

Larry, Bob Knizeck is looking for the monitoring data at this site. The EPA PM said you should have copies. Please call Bob to let him know you are gathering it. He wants well location maps along with the data tables. I will send you the response from the EPA PM I got all questions Bob had. This 5 year review should be placed in edocs for future use. I will be looking for these again later.

Bob, let me know if you need anything else.

Thanks

CC: Knizek, Robert

From: Larry Lampman
To: Robert Knizek
Date: 6/30/04 2:47PM
Subject: Fwd: Re: Endicott Village LF and Wellfield #704008

Bob, I have the reporting data and the maps. Would you like me to bring them up to you for your review ?

>>> Jerry Rider 06/30/04 01:38PM >>>

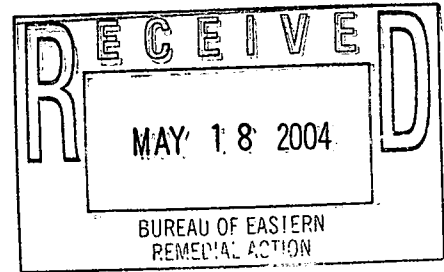
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Bob, let me know if you need anything else.

Thanks

CC: Jerry Rider; Yavonditte, Joseph

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



May 13, 2004

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
(March, 2004 – May, 2004).

If you have any questions, please call me at 1-607-757-5307.

Sincerely,

A handwritten signature in cursive script, appearing to read "Stephen R. Cerny".

Stephen R. Cerny
Industrial Pretreatment Coordinator

Cc: Mr. Larry Lampman, P.E., DEC
Mr. James Burke, P.E., DEC
Ms. Jean McCreary, EJ
Mr. Tom Morris, IBM
Mr. Jack Cheevers, Town of Union
Mayor Pulse, 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?	—	✓
2. Is there evidence of cracks or subsidence?	✓	—
3. Is there evidence of burrowing by animals?	✓	—
4. Is there any deep-rooted vegetation present?	✓	—
5. Is there any erosion damage to grassed areas?	✓	—

Comments: (Required for each Yes answer)

Scattered areas including around ~~venting~~ gas vents have bare spots. All areas are to be seeded on 5/13/04 and 5/14/04
Grass mowing to commence shortly.

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?	✓	—
2. Are there substantial potholes?	—	✓
3. Is there evidence of cracks or subsidence?	—	✓

Comments: (Required for each Yes answer)

There are several spots on the paved area that are depressed and contain water. As previously noted, this area is marked to be filled in with the Airport runway extension.

C. Site Drainage System

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

Over-Cover Drainage

	<u>No</u>	<u>Yes</u>
1. Is there any erosion damage to swales?	<u>✓</u>	<u>—</u>
2. Is there any debris in swales?	<u>✓</u>	<u>—</u>
3. Is there any sloughing of cap system?	<u>✓</u>	<u>—</u>

Perimeter Drainage

1. Is there any erosion damage to drainage ditch?	<u>✓</u>	<u>—</u>
2. Is there any debris or sediment in drainage ditch?	<u>✓</u>	<u>—</u>
3. Seeps Observed	<u>✓</u>	<u>—</u>

Comments: (Required for each Yes answer)

There have been heavy rainfalls during the past week. Consequently,
there is some standing water in some of the drainage areas
No seepage on the southern perimeter noted.

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>✓</u>	<u>—</u>
2. Is there any evidence of erosion of soils in the immediate area around the well casing?	<u>✓</u>	<u>—</u>
3. Is concrete collar cracked or settled?	<u>✓</u>	<u>—</u>

Comments: (Required for each Yes answer)

E. Gas Vents

Gas vents will be inspected for the following:

1. Is there any damage to the risers?
2. Are any insert screens broken or missing?

No Yes

☒ ☒

Comments: (Required for each Yes answer)

Gas vents #56, #48, #54 & #12 need to be repaired due to the risers being cracked.

3. Description of Air Monitoring Activities (indicate readings)

None

F. Security

Site security of the facility will be inspected by examining the following items:

1. Is there any damage to gates?
2. Are there any damaged, missing or obstructed warning signs?

No Yes

☒ ☒

Comments: (Required for each Yes answer)

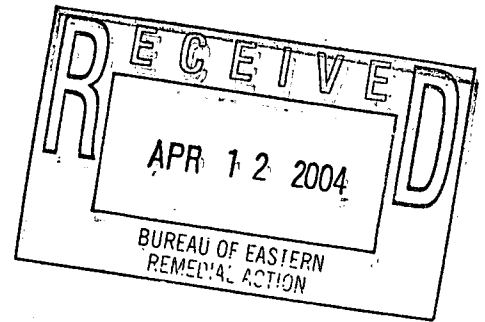
Stephen R. Cerny
Inspector

Stephen R. Cerny
Signature

5/13/04
Date

File on eDOCs?	Yes	No
Site Name		
Site #		
County		
Town	Yes	No
Follable		
Please Write The eDOC File		
Name Description		

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



April 7, 2004

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 2004 containing the water level readings of the supplemental purge well as well as copies of the required laboratory analysis of the SPW and the final effluent.

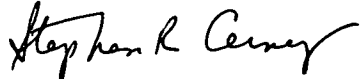
The average daily flows for the months contained in the this reporting period are:

January, 2004.....	657,645 gal/day (457 gal/min)
February, 2004.....	650,759 gal/day (452 gal/min)
March, 2004.....	678,355gal/day (471 gal/day)

In addition, summaries of daily SPW flows, a listing of detectable VOC's and water level readings for the year 2004 are also contained.

If you have any questions concerning this report, please call me at 1-607-757-5307.

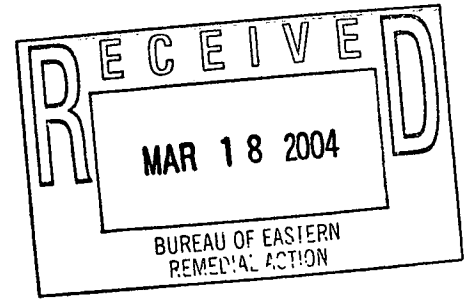
Sincerely,

A handwritten signature in cursive script, appearing to read "Stephen R. Cerny".

Stephen R. Cerny
Industrial Pretreatment Coord.

cc: NYSDEC, Larry Lampman, P.E.
NYSDEC, James Burke, P.E.
Malcom Prinie, Bruce Nelson
Village of Endicott File

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



March 15, 2004

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
(December, 2003 – February, 2004).

If you have any questions, please call me at 1-607-757-5307.

Sincerely,

Stephen R. Cerny
Industrial Pretreatment Coordinator

Cc: ~~Mr. Larry Lampman, P.E., DEC~~
Mr. James Burke, P.E., DEC
Ms. Jean McCreary, EJ
Mr. Tom Morris, IBM
Mr. Jack Cheevers, Town of Union
Mayor Pulse, 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?	___	✓
2. Is there evidence of cracks or subsidence?	✓	___
3. Is there evidence of burrowing by animals?	✓	___
4. Is there any deep-rooted vegetation present?	✓	___
5. Is there any erosion damage to grassed areas?	✓	___

Comments: (Required for each Yes answer)

Small, scattered areas will be re-seeded this Spring

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?	✓	___
2. Are there substantial potholes?	✓	___
3. Is there evidence of cracks or subsidence?	___	✓

Comments: (Required for each Yes answer)

The paved area is scheduled to be excavated as part of the proposed runway extension at the Tri-Cities Airport. Enclosed is a letter from NYSDEC approving this plan. As a result, there is no schedule to repair the cracks and depressions in the area.

C. Site Drainage System

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

Over-Cover Drainage

- | | <u>No</u> | <u>Yes</u> |
|---|-----------|------------|
| 1. Is there any erosion damage to swales? | <u>✓</u> | — |
| 2. Is there any debris in swales? | <u>✓</u> | — |
| 3. Is there any sloughing of cap system? | <u>✓</u> | — |

Perimeter Drainage

- | | | |
|---|----------|---|
| 1. Is there any erosion damage to drainage ditch? | <u>✓</u> | — |
| 2. Is there any debris or sediment in drainage ditch? | <u>✓</u> | — |
| 3. <i>Seeps Observed</i> | <u>✓</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>✓</u> | — |
| 2. Is there any evidence of erosion of soils in the immediate area around the well casing? | <u>✓</u> | — |
| 3. Is concrete collar cracked or settled? | <u>✓</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>✓</u> | <u> </u> |
| 2. Are any insert screens broken or missing? | <u>✓</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>✓</u> | <u> </u> |
| 2. Are there any damaged, missing or obstructed warning signs? | <u>✓</u> | <u> </u> |

Comments: (Required for each Yes answer)

Stephen R Cerny
Inspector

Stephen R Cerny
Signature

3/15/94
Date

New York State Department of Environmental Conservation

Division of Environmental Remediation

Remedial Bureau A, 11th Floor

625 Broadway, Albany, New York 12233-7015

Phone: (518) 402-9622 • FAX: (518) 402-9627

Website: www.dec.state.ny.us



February 26, 2004

Jeffrey Wood, Environmental Services Manager

McFarland-Johnson, Inc.

49 Court Street

PO Box 1980

Binghamton, NY 13902-1980

RE: Endicott Village Landfill
Site No. 704008
Proposed Runway Extension

Dear Mr. Wood,

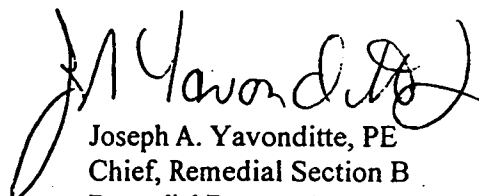
The revised plans for the proposed 160' runway extension at the Tri-Cities Airport have been reviewed and the concept found to be acceptable. It is understood that the original proposal, which was approved in January 2002 has been changed. The revised concept plans include the excavation of the existing asphalt cap but will retain the 12 inches of sub-base. The proposed runway construction above this area appears to enhance the cover system in the area.

Landfill material is not to be exposed during construction activities. The revised runway plan appears to provide a cover system consistent with the original design concept. However, DEC also reserves the right to inspect the site during or after construction.

Prior to granting formal approval of the cap modification, the final plans, stamped by a New York State Licensed Professional Engineer must be submitted to this office.

If you have any questions regarding this matter, please contact Larry Lampman at 518-402-9622.

Sincerely,


Joseph A. Yavonditte, PE
Chief, Remedial Section B
Remedial Bureau A

cc: Maria Stanco, FAA-NYADO ✓
Rick Miller, Village of Endicott
Stephen Cerny, Village of Endicott
Douglas Goodrich, Tri-Cities Airport
Larry Lampman

File on eDOCs? ____ Yes ____ No
Site Name ____
Site # ____
County ____
Town ____
Foilable ____ Yes ____ No
Please Write The eDOC File
Name Description ____

**New York State Department of Environmental Conservation
Division of Environmental Remediation**

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February 26, 2004

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McFarland-Johnson, Inc.
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PO Box 1980
Binghamton, NY 13902-1980

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Proposed Runway Extension

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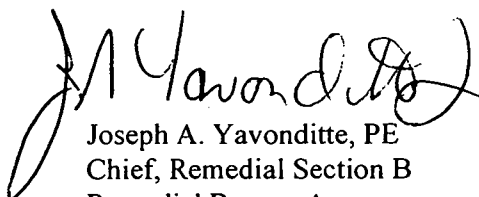
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Chief, Remedial Section B
Remedial Bureau A

cc: Maria Stanco, FAA-NYADO
Rick Miller, Village of Endicott
Stephen Cerny, Village of Endicott
Douglas Goodrich, Tri-Cities Airport
Larry Lampman ✓

From: Joseph Yavonditte
To: Lampman, Larry
Date: 2/26/04 9:37AM
Subject: Endicott

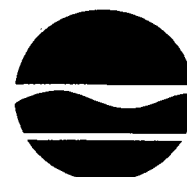
Larry

You need to include the agency/office of each person on the cc list if they are not CO DER. And if they are not DEC, you need to make sure that Chris has the complete address for all those on the cc list.

I usually add a page to the wp document with the names and address, but I don't care how you get it done.

Also, on the previous version you had the telephone number in the Address Block. I know Tom would never have let a letter go out like that.

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 11th Floor
625 Broadway, Albany, New York 12233-7015
Phone: (518) 402-9622 • **FAX:** (518) 402-9627
Website: www.dec.state.ny.us



Erin M. Crotty
Commissioner

February 26, 2004

Jeffrey Wood, Environmental Services Manager
McFarland-Johnson, Inc.
49 Court Street
PO Box 1980
Binghamton, NY 13902-1980

RE: Endicott Village Landfill
Site No. 704008
Proposed Runway Extension

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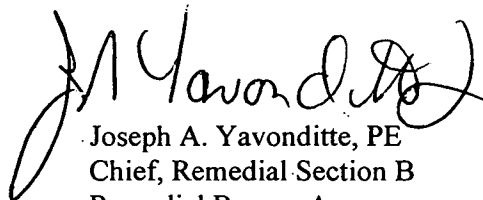
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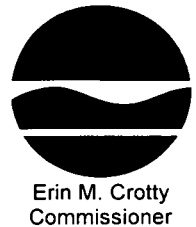
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Chief, Remedial Section B
Remedial Bureau A

cc: Maria Stanco, FAA-NYADO
Rick Miller, Village of Endicott
Stephen Cerny, Village of Endicott
Douglas Goodrich, Tri-Cities Airport
Larry Lampman

Joe

I made the changes
to the letter that
you suggested
Here is a copy
for your signature
I will also email
you a copy L

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February 9, 2004

Jeffrey Wood, Environmental Services Manager
McFarland-Johnson, Inc.
49 Court Street
PO Box 1980
Binghamton, NY 13902-1980
tel. 607 723-9421

RE: Proposed Runway Extension,(revised from 1-30-'02)
at Endicott Village Landfill, site # 7-04-008

Dear Mr. Wood,

The revised plans for the proposed 160' runway extension at the Tri- Cities Airport have been reviewed and are found to be acceptable. It is understood that the original proposal, which was approved in January '02 by this office has been changed to reflect current plans which include excavation by mechanical means the asphalt cap within the minimum footprint necessary to complete the runway extension and provide a standard runway safety area. It is noted that the 12 inches of existing sub-base materials will be left intact to the extent possible. The landfilled material will not be exposed during excavation activities. It is noted that the original plans called for leaving the present cap intact, and then adding sub-base and an asphalt surface. The revised plans call for removing the old asphalt and after placing stabilization fabric, adding earth fill to raise the grade to the appropriate level and then, adding 12 inches of sub-base material followed by 4 inches of asphalt.

It is concluded that the proposed fill and runway extension would have negligible effects on the landfill or its attendant contamination of the purge well water. It is therefore the position of DEC that the proposed runway extension is acceptable. However, DEC also reserves the right to inspect the site should hazardous waste conditions present themselves during or after construction.

It was noted that the draft plans approved by James M. Festa, P.E. does have a PE number but no seal. Please remedy. Any comments or questions should be referred to Larry Lampman, O&M coordinator of the Landfill.

Joseph A Yavonditte
Chief, Section B

cc: Maria Stanco
Rick Miller
Stephen Cerny
Douglas Goodrich
Larry Lampman

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February 9, 2004

copy

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McFarland-Johnson, Inc.
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PO Box 1980
Binghamton, NY 13902-1980
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Joseph A Yavonditte
Chief, Section B

cc: Maria Stanco
Rick Miller
Stephen Cerny
Douglas Goodrich
Larry Lampman

From: "Jeff Wood" <jwood@mjinc.com>
To: <xlampma@gw.dec.state.ny.us>
Date: 1/29/04 3:29PM
Subject: Tri-Cities Airport Runway Extension M-J Project No. 15941.01

Larry,

I was wondering if you can update me on the status of the letter for the Tri-Cities Airport runway extension.

Also, we are planning to do some limited sampling of the existing cap to confirm that the composition of the cap is as described in the construction plans. The sample sites will be repaired. Is there any additional coordination that we need to do with your office prior to undertaking this effort?

Jeff

CC: "Binghamton Projects" <bingprojects@mjinc.com>, "Joe Kellicutt" <jkellicutt@mjinc.com>



32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 21-JAN-2004

Lab Sample ID: L114934-1

Endicott Waste Water Treatment Facility
Steve Cerny

c/o 1009 E. Main Street
Endicott, NY 13760

Sample Source: VILLAGE OF ENDICOTT WWTP
Origin: SPW-010204-G
Description: GRAB
Sampled On: 02-JAN-04 00:00 by CLIENT
Date Received: 02-JAN-04 11:45
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8021						
Dichlorodifluoromethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Chloromethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Vinyl chloride	22	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Bromomethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Chloroethane	10	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Trichlorofluoromethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,1-Dichloroethene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Methylene chloride	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
trans-1,2-Dichloroethene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,1-Dichloroethane	3	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
2,2-Dichloropropane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
cis-1,2-Dichloroethene	24	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Bromochloromethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Chloroform	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,1,1-Trichloroethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Carbon tetrachloride	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,1-Dichloropropene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Benzene	0.8	ug/l	0.7	16-JAN-04 07:04	EPA 8021	03-120-10344
1,2-Dichloroethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Trichloroethene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,2-Dichloropropane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Dibromomethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Bromodichloromethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
2-Chloroethylvinylether	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
cis-1,3-Dichloropropene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Toluene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
trans-1,3-Dichloropropene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,1,2-Trichloroethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Tetrachloroethene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,3-Dichloropropane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Dibromochloromethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,2-Dibromoethane (EDB)	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Chlorobenzene	2	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,1,1,2-Tetrachloroethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Ethylbenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
p-Xylene/m-Xylene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
o-Xylene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Styrene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344

Approved by:

Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

Miranda L. DeVito

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank E = estimated value

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost for these services. Your samples will be discarded after 14 days unless we are advised otherwise.



32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 21-JAN-2004

Lab Sample ID: L114934-1

Endicott Waste Water Treatment Facility
Steve Cerny

c/o 1009 E. Main Street
Endicott, NY 13760

Sample Source: VILLAGE OF ENDICOTT WWTP
Origin: SPW-010204-G
Description: GRAB
Sampled On: 02-JAN-04 00:00 by CLIENT
Date Received: 02-JAN-04 11:45
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Bromoform	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Isopropylbenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Bromobenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,1,2,2-Tetrachloroethane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,2,3-Trichloropropane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
n-Propylbenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
2-Chlorotoluene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
4-Chlorotoluene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,3,5-Trimethylbenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
tert-Butylbenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,2,4-Trimethylbenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
sec-Butylbenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,3-Dichlorobenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,4-Dichlorobenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
4-Isopropyltoluene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,2-Dichlorobenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
n-Butylbenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,2-Dibromo-3-chloropropane	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,2,4-Trichlorobenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Hexachlorobutadiene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Naphthalene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
1,2,3-Trichlorobenzene	U	ug/l	1	16-JAN-04 07:04	EPA 8021	03-120-10344
Methyl-tert-butyl-ether (MTBE)	U	ug/l	5	16-JAN-04 07:04	EPA 8021	03-120-10344
Surrogate Recovery:						
HALL - Bromofluorobenzene	136	%				03-120-10344
PID - Bromofluorobenzene	116	%				03-120-10344

Approved by:

Lab Director

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

Miranda L. Druso

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mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
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Date: 21-JAN-2004

Lab Sample ID: L114934-2

Endicott Waste Water Treatment Facility
Steve Cerny

c/o 1009 E. Main Street
Endicott, NY 13760

Sample Source: VILLAGE OF ENDICOTT WWTP
Origin: FINAL EFFLUENT-010204-G
Description: GRAB
Sampled On: 02-JAN-04 00:00 by CLIENT
Date Received: 02-JAN-04 11:45
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8021						
Dichlorodifluoromethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Chloromethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Vinyl chloride	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Bromomethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Chloroethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Trichlorofluoromethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,1-Dichloroethene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Methylene chloride	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
trans-1,2-Dichloroethene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,1-Dichloroethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
2,2-Dichloropropane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
cis-1,2-Dichloroethene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Bromochloromethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Chloroform	3	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,1,1-Trichloroethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Carbon tetrachloride	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,1-Dichloropropene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Benzene	U	ug/l	0.7	16-JAN-04 07:57	EPA 8021	03-120-10345
1,2-Dichloroethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Trichloroethene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,2-Dichloropropane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Dibromomethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Bromodichloromethane	2	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
2-Chloroethylvinylether	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
cis-1,3-Dichloropropene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Toluene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
trans-1,3-Dichloropropene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,1,2-Trichloroethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Tetrachloroethene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,3-Dichloropropane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Dibromochloromethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,2-Dibromoethane (EDB)	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Chlorobenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,1,1,2-Tetrachloroethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Ethylbenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
p-Xylene/m-Xylene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
o-Xylene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Styrene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345

Approved by:

Lab Director

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QC

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank E = estimated value

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost for these services. Your samples will be discarded after 14 days unless we are advised otherwise.



32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 21-JAN-2004

Lab Sample ID: L114934-2

Endicott Waste Water Treatment Facility
Steve Cerny

c/o 1009 E. Main Street
Endicott, NY 13760

Sample Source: VILLAGE OF ENDICOTT WWTP
Origin: FINAL EFFLUENT-010204-G
Description: GRAB
Sampled On: 02-JAN-04 00:00 by CLIENT
Date Received: 02-JAN-04 11:45
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Bromoform	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Isopropylbenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Bromobenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,1,2,2-Tetrachloroethane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,2,3-Trichloropropane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
n-Propylbenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
2-Chlorotoluene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
4-Chlorotoluene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,3,5-Trimethylbenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
tert-Butylbenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,2,4-Trimethylbenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
sec-Butylbenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,3-Dichlorobenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,4-Dichlorobenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
4-Isopropyltoluene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,2-Dichlorobenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
n-Butylbenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,2-Dibromo-3-chloropropane	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,2,4-Trichlorobenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Hexachlorobutadiene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Naphthalene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
1,2,3-Trichlorobenzene	U	ug/l	1	16-JAN-04 07:57	EPA 8021	03-120-10345
Methyl-tert-butyl-ether (MTBE)	U	ug/l	5	16-JAN-04 07:57	EPA 8021	03-120-10345
Surrogate Recovery:						
HALL - Bromofluorobenzene	128	%				03-120-10345
PID - Bromofluorobenzene	116	%				03-120-10345

Approved by:

Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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B = analyte was detected in the method or trip blank E = estimated value

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost for these services. Your samples will be discarded after 14 days unless we are advised otherwise.

Supplemental Purge Well
Monthly Analysis: VOC's
2004 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride	22	x	x		x	x		x	x		x	x	22
Chloromethane	x	x	x		x	x		x	x		x	x	0
Chloroethane	10	x	x		x	x		x	x		x	x	10
Methylene Chloride	x	x	x		x	x		x	x		x	x	0
Dichlorodifluoromethane	x	x	x		x	x		x	x		x	x	0
Trichloroethene	x	x	x		x	x		x	x		x	x	0
1,1-Dichloroethane	3	x	x		x	x		x	x		x	x	3
1,1-Dichloroethene	x	x	x		x	x		x	x		x	x	0
cis-1,2-Dichloroethene	24	x	x		x	x		x	x		x	x	24
cis-1,3-Dichloropropene	x	x	x		x	x		x	x		x	x	0
Chlorobenzene	2	x	x		x	x		x	x		x	x	2
Benzene	0.8	x	x		x	x		x	x		x	x	0.8
Toluene	x	x	x		x	x		x	x		x	x	0
Chloroform	x	x	x		x	x		x	x		x	x	0
m-Xylene & p-Xylene	x	x	x		x	x		x	x		x	x	0
1,2,4-Trimethylbenzene	x	x	x		x	x		x	x		x	x	0
sec-Butylbenzene	x	x	x		x	x		x	x		x	x	0
													0
Total VOC's	61.8	x	x	0	x	x	0	x	x	0	x	x	61.8

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto

DATE: Jan. 27, 2004

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	17.7	800.63	
EW-8		823.34	23.9	799.44	
EW-9		818.61	18.3	800.31	
EW-11					
EW-12		830.33	31.5	798.83	
EW-14		823.04	25.8	797.24	
MW-3		830.52	30.7	799.82	
MW-6D		826.55	24.1	802.45	
MW-8D					
MW-9D		832.07	28.8	803.32	
MW-7S		823.21	21.6	801.61	
MW-7D		823.28	22.8	800.48	
MW-11		827.61	25.3	802.31	
MW-12		829.74	29.7	800.04	
MW-13D		814.29	12.2	802.09	
MW-21		834.56	32.8	801.76	
MW-22D		831.83	27.5	804.33	
MW-25D		821.52	18.8	802.72	
MW-29		816.51	15.1	801.41	
MW-30		823.47	22.7	800.77	
MW-31		823.00	21.4	801.60	
MW-32		809.85	10.3	799.55	
MW-33		819.37	19.5	799.87	
MW-34		815.37	26.6	788.77	
MW-35		820.34	20.5	799.84	
SPW		822.37	21.5	800.87	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul V.

DATE: Feb. 26, 2004

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	24.4	793.93	
EW-8		823.34	25.7	797.64	
EW-9		818.61	21.5	797.11	
EW-11					
EW-12		830.33	33.7	796.63	
EW-14		823.04	23.7	799.34	
MW-3		830.52	32.6	797.97	
MW-6D		826.55	26.6	799.95	
MW-8D					
MW-9D		832.07	36.8	795.27	
MW-7S		823.21	20.8	802.41	
MW-7D		823.28	21.3	801.98	
MW-11		827.61	25.7	801.91	
MW-12		829.74	28.6	801.14	
MW-13D		814.29	14.8	799.49	
MW-21		834.56	34.8	799.76	
MW-22D		831.83	32.4	799.43	
MW-25D		821.52	24.9	796.62	
MW-29		816.51	15.3	801.21	
MW-30		823.47	26.8	796.67	
MW-31		823.00	26.5	796.50	
MW-32		809.85	12.8	797.05	
MW-33		819.37	22.4	796.97	
MW-34		815.37	18.7	796.72	
MW-35		820.34	23.5	796.84	
SPW		822.37	26.3	796.07	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul V.

DATE: Mar. 25, 2004

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	19.8	798.53	
EW-8		823.34	21.2	802.14	
EW-9		818.61	16.9	801.71	
EW-11					
EW-12		830.33	29.1	801.23	
EW-14		823.04	20.1	802.94	
MW-3		830.52	27.8	802.72	
MW-6D		826.55	22.3	804.25	
MW-8D					
MW-9D		832.07	24.8	807.27	
MW-7S		823.21	18.1	805.11	
MW-7D		823.28	16.3	806.98	
MW-11		827.61	22.8	804.81	
MW-12		829.74	24.9	804.84	
MW-13D		814.29	10.6	803.69	
MW-21		834.56	30.4	804.16	
MW-22D		831.83	28.1	803.73	
MW-25D		821.52	15.8	805.72	
MW-29		816.51	11.6	804.91	
MW-30		823.47	22.2	801.32	
MW-31		823.00	21.9	801.10	
MW-32		809.85	7.4	802.45	
MW-33		819.37	17.8	801.57	
MW-34		815.37	14.0	801.37	
MW-35		820.34	18.9	801.44	
SPW		822.37	21.8	800.57	

**GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2004**

[illegible]

Final Effluent
Monthly Analysis: VOC's
2004 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L not to exceed													
Vinyl Chloride	x	x	x		x	x		x	x		x	x	0
Chloromethane	x	x	x		x	x		x	x		x	x	0
Chloroethane	x	x	x		x	x		x	x		x	x	0
Methylene Chloride	x	x	x		x	x		x	x		x	x	0
Dichlorodifluoromethane	x	x	x		x	x		x	x		x	x	0
Trichloroethene	x	x	x		x	x		x	x		x	x	0
1,1-Dichloroethane	x	x	x		x	x		x	x		x	x	0
1,1-Dichloroethene	x	x	x		x	x		x	x		x	x	0
cis-1,2-Dichloroethene	x	x	x		x	x		x	x		x	x	0
cis-1,3-Dichloropropene	x	x	x		x	x		x	x		x	x	0
Chlorobenzene	x	x	x		x	x		x	x		x	x	0
Benzene	x	x	x		x	x		x	x		x	x	0
Toluene	x	x	x		x	x		x	x		x	x	0
Chloroform	3	x	x		x	x		x	x		x	x	3
Bromodichloromethane	2	x	x		x	x		x	x		x	x	2
m-Xylene & p-Xylene	x	x	x		x	x		x	x		x	x	0
1,2,4-Trimethylbenzene	x	x	x		x	x		x	x		x	x	0
sec-Butylbenzene	x	x	x		x	x		x	x		x	x	0
Total VOC's	5	x	x	0	x	x	0	x	x		x	x	5

File on eDOCs? ____ Yes ____ No
Site Name _____
Site # _____
County _____
Town _____
Foitable ____ Yes ____ No
Please Write The eDOC File
Name Description _____

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

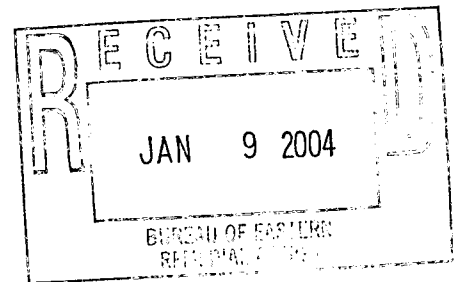
January 2, 2004

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

File on eDOCs?	Yes	No
Site Name		
Site #		
County		
Town		
Foailable	Yes	No
Please Write The eDOC File		
Name	Description	



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 4th quarter of 2003 containing the water level readings of the supplemental purge well as well as copies of the required laboratory analysis of the SPW and the final effluent.

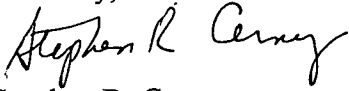
The average daily flows for the months contained in the this reporting period are:

October, 2003.....	486,033 gal/day (338 gal/min)
November, 2003.....	652,417 gal/day (453 gal/min)
December, 2003.....	674,065 gal/day (468 gal/day)

In addition, summaries of daily SPW flows, a listing of detectable VOC's and water level readings for the year 2003 are also contained.

If you have any questions concerning this report, please call me at 1-607-757-5307.

Sincerely,

A handwritten signature in cursive script that reads "Stephen R. Cerny".

Stephen R. Cerny
Industrial Pretreatment Coord.

cc: NYSDEC, Larry Lampman, P.E. ✓
NYSDEC, James Burke, P.E.
Malcom Prinie, Bruce Nelson
Village of Endicott File

Supplemental Purge Well
Monthly Analysis: VOC's
2003 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Results in ug/L													
Vinyl Chloride	x	20	x	14	x	x	24	x	x	14	9	x	81
Chloromethane	x	x	x	x	x	x	x	x	x	x	x	x	0
Chloroethane	x	20	x	14	x	x	37	x	x	33	5	x	109
Methylene Chloride	x	x	x	x	x	x	x	x	x	x	x	x	0
Dichlorodifluoromethane	x	x	x	x	x	x	x	x	x	3	x	x	3
Trichloroethene	x	x	x	x	x	x	x	x	x	x	x	x	0
1,1-Dichloroethane	x	5	x	4	x	x	4	x	x	3	3	x	19
1,1-Dichloroethene	x	x	x	x	x	x	x	x	x	x	x	x	0
cis-1,2-Dichloroethene	x	15	x	13	x	x	14	x	x	11	15	x	68
cis-1,3-Dichloropropene	x	x	x	x	x	x	x	x	x	x	x	x	0
Chlorobenzene	x	2	x	x	x	x	3	x	x	3	2	x	10
Benzene	x	0.9	x	x	x	x	1	x	x	1	0.9	x	3.8
Toluene	x	x	x	x	x	x	x	x	x	x	x	x	0
Chloroform	x	x	x	x	x	x	x	x	x	x	x	x	0
m-Xylene & p-Xylene	x	x	x	x	x	x	x	x	x	x	x	x	0
1,2,4-Trimethylbenzene	x	x	x	x	x	x	x	x	x	x	x	x	0
sec-Butylbenzene	x	x	x	x	x	x	x	x	x	x	x	x	0
							x	x	x	x	x	x	0
Total VOC's	x	62.9	x	45	x	x	83	x	x	68	34.9	x	293.8

Supplemental Purge Well
Daily Flow Readings: 2003
Gal./Day

Jan.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	640,000	532,000	575,500	584,000	517,000	361,000	302,000	143,000	0	0	617,000	668,000
2	610,000	638,500	619,000	581,000	547,000	361,000	290,000	85,000		0	674,000	661,000
3	620,000	638,500	619,000	591,000	429,000	371,000	272,000	201,000		0	674,000	669,000
4	654,000	543,000	638,000	590,000	524,000	371,000	274,500	201,000		0	684,000	657,000
5	627,500	598,000	599,000	546,000	524,000	362,000	274,500	205,000	No Accurate Flow Readings Taken.	0	627,000	650,000
6	627,500	587,000	597,000	595,500	507,000	429,000	240,500	210,000		0	705,000	664,000
7	630,000	615,000	625,000	595,500	540,000	307,000	240,500	210,000		0	570,000	664,000
8	664,000	581,000	467,000	592,000	504,000	388,500	200,000	208,000			663,000	669,000
9	626,000	653,500	645,500	592,000	462,000	388,500	190,000	209,000		535,000	662,000	660,000
10	625,000	653,500	645,500	571,000	498,000	370,000	208,000	207,000		684,000	662,000	672,000
11	594,000	620,000	616,000	500,000	500,000	358,000	197,000	207,000		558,000	616,000	669,000
12	631,000	584,000	578,000	579,000	500,000	352,000	205,000	218,000		634,000	699,000	663,000
13	631,000	609,000	577,000	603,500	461,000	370,000	326,500	199,000		634,000	626,000	684,000
14	750,000	544,000	601,000	603,500	426,000	281,000	222,000	204,000		635,000	665,000	684,000
15	553,000	623,000	510,000	570,000	462,500	357,500	209,000	175,000		611,000	599,000	712,000
16	629,000	641,000	629,500	555,000	462,500	357,500	211,000	203,000		616,000	679,000	687,000
17	639,000	641,000	629,500	573,000	462,000	348,000	204,000	191,000		636,000	679,000	581,000
18	555,000	596,000	617,000	503,000	446,500	332,000	207,000	191,000		610,000	595,000	671,000
19	622,000	600,000	594,000	549,000	446,500	636,000	207,000	181,000		668,000	647,000	639,000
20	622,000	600,000	613,000	609,000	440,000	220,250	242,500	182,000		668,000	666,000	668,500
21	637,000	581,000	611,000	609,000	432,000	220,250	242,500	194,000		595,000	639,000	988,000
22	701,000	545,000	531,000	539,000	429,000	220,250	107,000	228,000		630,000	639,000	639,000
23	576,000	635,000	649,500	587,000	464,000	220,250	191,000	185,000		606,000	691,000	664,000
24	572,000	635,000	649,500	570,000	400,000	314,000	199,000	213,500		620,000	691,000	731,500
25	612,000	588,000	599,000	545,500	419,500	333,000	213,000	213,500		635,000	623,000	731,500
26	612,000	605,000	593,000	545,500	419,500	361,000	207,000	188,000		666,000	644,000	513,000
27	612,000	602,000	548,000	545,500	437,000	323,000	195,000	200,000		666,000	671,000	669,500
28	584,000	575,500	605,000	545,500	430,000	346,000	195,000	205,000		603,000	640,000	669,500
29	612,000		560,000	568,000	385,000	338,500	209,000	200,000		736,000	651,000	666,000
30	606,000		634,000	516,000	390,000	338,500	215,000	183,000		652,000	674,500	642,000
31	574,000		634,000		335,000		117,000			683,000		689,500
Total	19,248,000	16,864,500	18,609,500	17,054,000	14,200,000	10,336,000	6,813,500	5,840,000	0	14,581,000	19,572,500	20,896,000
Ave.	620,903	602,304	600,306	568,467	458,065	344,533	219,790	194,667	0	486,033	652,417	674,065
Ave. Gal./Min.	431	418	417	395	318	239	153	135	0	338	453	468

Daily Readings

2003

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prev.	347154	366402	382691	401876	418930	433130	443466	450175	0	0	473341	0
1	347794	366934	383842	402460	419447		443768	450318			473958	493588
2	348404			403041	419994	433852	444058	450403				494256
3	349024	368211	385080	403632	420423	434223	444330				475306	494917
4	349678	368754	385718	404222		434594		450805			475990	495586
5		369352	386317	404768	421471	434956	444879	451010			476617	496243
6	350933	369939	386914		421978	435385		451220			477322	496893
7	351563	370554	387539	405959	422518	435692	445360	451430			477892	
8	352227	371135	388006	406551	423022		445560	451638		458760	478555	498221
9	352853			407143	423484	436469	445750	451847		459295		498890
10	353478	372442	389297	407714	423982	436839	445958			459979	479879	499550
11	354072	373062	389913	408214		437197	446155	452261		460537	480495	500222
12		373646	390491	408793	424982	437549	446360	452479			481194	500891
13	355334	374255	391068		425443	437919		452678		461805	481820	501554
14	356084	374799	391669	410000	425869	438200	446804	452882		462440	482485	
15	356637	375422	392179	410570			447013	453057		463051	483084	502922
16	357266			411125	426794	438915	447224	453260		463667		503634
17	357905	376704	393438	411698	427256	439263	447428			464303	484442	504321
18	358460	377300	394055	412201		439595		453642		464913	485037	504902
19		377900	394649	412750	428149	440231	447842	453823			485684	505573
20	359704	378500	395262		428589			454005		466249	486350	506212
21	360341	379081	395873	413968	429021		448327	454199		466844		
22	361042	379626	396404	414507	429450		448434	454427		467474	487628	507549
23	361618			415094	429914	441112	448625	454612		468080		508188
24	362190	380896	397703	415664	430314	441426	448824			468700	489010	508852
25		381484	398302	416736		441759	449037	455039		469335	489633	
26		382089	398895		431153	442120	449244	455227			490277	510315
27	364026	382691	399443		431590	442443		455427		470667	490948	510828
28	364610		400048	417846	432020	442789	449634	455632		471270	491588	
29	365222		400608	418414	432405		449843	455832		472006	492239	512167
30	365828			418930	432795	443466	450058	456015		472658		512833
31	366402		401876		433130		450175			473341		513475

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLE P.V.

DATE Oct. 30, 2003

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4		816.06			
B-21		811.81			
EW-3D		818.33	8.35	809.98	
EW-8		823.34	14.30	809.04	
EW-9		818.61	9.85	808.76	
EW-11		823.89		823.89	
EW-12		830.33	21.80	808.53	
EW-14		823.04	13.75	809.29	
MW-3		830.52	18.60	811.92	
MW-6D		826.55	17.00	809.55	
MW-8D		819.92	1.00	818.92	
MW-9D		832.07	20.70	811.37	
MW-7S		823.21	12.35	810.86	
MW-7D		823.28	11.60	811.68	
MW-11		827.61	21.45	806.16	
MW-12		829.74	17.20	812.54	
MW-13D		814.29	5.25	809.04	
MW-21		834.56	25.90	808.66	
MW-22D		831.83	22.60	809.23	
MW-25D		821.52	12.10	809.42	
MW-29		816.51	8.25	808.26	
MW-30		823.47	14.80	808.67	
MW-31		823.00	14.55	808.45	
MW-32		809.85		809.85	
MW-33		819.37	10.75	808.62	
MW-34		815.37	6.50	808.87	
MW-35		820.34	11.70	808.64	
SPW		822.37	13.85	808.52	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLE P.V.

DATE Nov. 24, 2003

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4		816.06			
B-21		811.81			
EW-3D		818.33	13.05	805.28	
EW-8		823.34	18.35	823.34	
EW-9		818.61	14.00	804.61	
EW-11		823.89		823.89	
EW-12		830.33	26.05	804.28	
EW-14		823.04	16.40	806.64	
MW-3		830.52	24.05	806.47	
MW-6D		826.55	20.30	806.25	
MW-8D		819.92		819.92	
MW-9D		832.07	23.30	808.77	
MW-7S		823.21	16.45	806.76	
MW-7D		823.28	14.80	808.48	
MW-11		827.61	20.20	807.41	
MW-12		829.74	23.50	806.24	
MW-13D		814.29	10.25	804.04	
MW-21		834.56	27.40	807.16	
MW-22D		831.83	25.40	806.43	
MW-25D		821.52	15.45	806.07	
MW-29		816.51	13.50	803.01	
MW-30		823.47	19.00	804.47	
MW-31		823.00	18.80	804.20	
MW-32		809.85	5.00	804.85	
MW-33		819.37	14.90	804.47	
MW-34		815.37	11.00	804.37	
MW-35		820.34	15.90	804.44	
SPW		822.37	18.60	803.77	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLE P.V.

DATE Dec. 29, 2003

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4		816.06			
B-21		811.81			
EW-3D		818.33	14.20	804.13	
EW-8		823.34	18.00	805.34	
EW-9		818.61	13.70	804.91	
EW-11					
EW-12		830.33	25.80	804.53	
EW-14		823.04	16.50	806.54	
MW-3		830.52	24.40	806.12	
MW-6D		826.55	19.70	806.85	
MW-8D					
MW-9D		832.07	22.30	809.77	
MW-7S		823.21	15.90	807.31	
MW-7D		823.28	14.20	809.08	
MW-11		827.61	19.60	808.01	
MW-12		829.74	21.80	807.94	
MW-13D		814.29	7.30	806.99	
MW-21		834.56	26.90	807.66	
MW-22D		831.83	24.90	806.93	
MW-25D		821.52	13.30	808.22	
MW-29		816.51	9.30	807.21	
MW-30		823.47	18.80	804.67	
MW-31		823.00	18.60	804.40	
MW-32		809.85	4.50	805.35	
MW-33		819.37	14.60	804.77	
MW-34		815.37	10.80	804.57	
MW-35		820.34	15.60	804.74	
SPW		822.37	18.40	803.97	



32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 16-OCT-2003

Lab Sample ID: L111301-2

Endicott Waste Water Treatment Facility
Steve Cerny

c/o 1009 E. Main Street
Endicott, NY 13760

Sample Source: VILLAGE OF ENDICOTT WWTP
Origin: FINAL EFFLUENT-100903-G
Description: GRAB
Sampled On: 09-OCT-03 08:20 by CLIENT
Date Received: 09-OCT-03 10:52
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8021						
Dichlorodifluoromethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Chloromethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Vinyl chloride	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Bromomethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Chloroethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Trichlorofluoromethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,1-Dichloroethene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Methylene chloride	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
trans-1,2-Dichloroethene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,1-Dichloroethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
2,2-Dichloropropane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
cis-1,2-Dichloroethene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Bromochloromethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Chloroform	1	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,1,1-Trichloroethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Carbon tetrachloride	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,1-Dichloropropene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Benzene	U	ug/L	0.7	10-OCT-03 01:15	EPA 8021	02-093-10117
1,2-Dichloroethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Trichloroethene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,2-Dichloropropane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Dibromomethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Bromodichloromethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
2-Chloroethylvinylether	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
cis-1,3-Dichloropropene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Toluene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
trans-1,3-Dichloropropene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,1,2-Trichloroethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Tetrachloroethene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,3-Dichloropropane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Dibromochloromethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,2-Dibromoethane (EDB)	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Chlorobenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,1,1,2-Tetrachloroethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Ethylbenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
p-Xylene/m-Xylene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
o-Xylene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Styrene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117

Approved by:

Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC *Miranda L. Druso*

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank E = estimated value

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost for these services. Your samples will be discarded after 14 days unless we are advised otherwise.



32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 16-OCT-2003

Lab Sample ID: L111301-2

Endicott Waste Water Treatment Facility
Steve Cerny

c/o 1009 E. Main Street
Endicott, NY 13760

Sample Source: VILLAGE OF ENDICOTT WWTP
Origin: FINAL EFFLUENT-100903-G
Description: GRAB
Sampled On: 09-OCT-03 08:20 by CLIENT
Date Received: 09-OCT-03 10:52
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Bromoform	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Isopropylbenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Bromobenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,1,2,2-Tetrachloroethane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,2,3-Trichloropropane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
n-Propylbenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
2-Chlorotoluene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
4-Chlorotoluene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,3,5-Trimethylbenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
tert-Butylbenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,2,4-Trimethylbenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
sec-Butylbenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,3-Dichlorobenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,4-Dichlorobenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
4-Isopropyltoluene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,2-Dichlorobenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
n-Butylbenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,2-Dibromo-3-chloropropane	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,2,4-Trichlorobenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Hexachlorobutadiene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Naphthalene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
1,2,3-Trichlorobenzene	U	ug/L	1	10-OCT-03 01:15	EPA 8021	02-093-10117
Methyl-tert-butyl-ether (MTBE)	U	ug/L	5	10-OCT-03 01:15	EPA 8021	02-093-10117
Surrogate Recovery:						
HALL - Bromofluorobenzene	123	%				02-093-10117
PID - Bromofluorobenzene	103	%				02-093-10117

Approved by:

Lab Director

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

Miranda L. Drusc

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank E = estimated value

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32 ITHACA STREET
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Date: 16-OCT-2003

Lab Sample ID: L111301-1

Endicott Waste Water Treatment Facility
Steve Cerny

c/o 1009 E. Main Street
Endicott, NY 13760

Sample Source: VILLAGE OF ENDICOTT WWTP
Origin: SPW-100903-G
Description: GRAB
Sampled On: 09-OCT-03 08:00 by CLIENT
Date Received: 09-OCT-03 10:52
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8021						
Dichlorodifluoromethane	3	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Chloromethane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Vinyl chloride	14	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Bromomethane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Chloroethane	33	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Trichlorofluoromethane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,1-Dichloroethene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Methylene chloride	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
trans-1,2-Dichloroethene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,1-Dichloroethane	3	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
2,2-Dichloropropane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
cis-1,2-Dichloroethene	11	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Bromochloromethane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Chloroform	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,1,1-Trichloroethane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Carbon tetrachloride	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,1-Dichloropropene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Benzene	1	ug/L	0.7	10-OCT-03 12:23	EPA 8021	02-093-10116
1,2-Dichloroethane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Trichloroethene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,2-Dichloropropane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Dibromomethane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Bromodichloromethane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
2-Chloroethylvinylether	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
cis-1,3-Dichloropropene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Toluene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
trans-1,3-Dichloropropene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,1,2-Trichloroethane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Tetrachloroethene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,3-Dichloropropane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Dibromochloromethane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,2-Dibromoethane (EDB)	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Chlorobenzene	3	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,1,1,2-Tetrachloroethane	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Ethylbenzene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
p-Xylene/m-Xylene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
o-Xylene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Styrene	U	ug/L	1	10-OCT-03 12:23	EPA 8021	02-093-10116

Approved by:

Lab Director

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QC

Miranda L. Druso

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32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 16-OCT-2003

Lab Sample ID: L111301-1

Endicott Waste Water Treatment Facility
Steve Cerny

c/o 1009 E. Main Street
Endicott, NY 13760

Sample Source: VILLAGE OF ENDICOTT WWTP
Origin: SPW-100903-G
Description: GRAB
Sampled On: 09-OCT-03 08:00 by CLIENT
Date Received: 09-OCT-03 10:52
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Bromoform	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Isopropylbenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Bromobenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,1,2,2-Tetrachloroethane	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,2,3-Trichloropropane	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
n-Propylbenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
2-Chlorotoluene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
4-Chlorotoluene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,3,5-Trimethylbenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
tert-Butylbenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,2,4-Trimethylbenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
sec-Butylbenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,3-Dichlorobenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,4-Dichlorobenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
4-Isopropyltoluene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,2-Dichlorobenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
n-Butylbenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,2-Dibromo-3-chloropropane	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,2,4-Trichlorobenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Hexachlorobutadiene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Naphthalene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
1,2,3-Trichlorobenzene	U	ug/l	1	10-OCT-03 12:23	EPA 8021	02-093-10116
Methyl-tert-butyl-ether (MTBE)	U	ug/l	5	10-OCT-03 12:23	EPA 8021	02-093-10116
Surrogate Recovery:						
HALL - Bromofluorobenzene	118	%				02-093-10116
PID - Bromofluorobenzene	102	%				02-093-10116

Approved by: *[Signature]*
Lab Director

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QC

Miranda L. Druso

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32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 12-NOV-2003

Lab Sample ID: L112709-1

Endicott Waste Water Treatment Facility
Steve Cerny

c/o 1009 E. Main Street
Endicott, NY 13760

Sample Source: VILLAGE OF ENDICOTT WWTP

Origin: SPW-111003-G

Description: GRAB

Sampled On: 10-NOV-03 09:00 by CLIENT

Date Received: 10-NOV-03 12:31

P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8021						
Dichlorodifluoromethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Chloromethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Vinyl chloride	9	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Bromomethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Chloroethane	5	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Trichlorofluoromethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,1-Dichloroethene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Methylene chloride	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
trans-1,2-Dichloroethene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,1-Dichloroethane	3	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
2,2-Dichloropropane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
cis-1,2-Dichloroethene	15	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Bromochloromethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Chloroform	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,1,1-Trichloroethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Carbon tetrachloride	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,1-Dichloropropene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Benzene	0.9	ug/L	0.7	10-NOV-03 09:29	EPA 8021	03-093-10184
1,2-Dichloroethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Trichloroethene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,2-Dichloropropane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Dibromomethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Bromodichloromethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
2-Chloroethylvinylether	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
cis-1,3-Dichloropropene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Toluene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
trans-1,3-Dichloropropene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,1,2-Trichloroethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Tetrachloroethene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,3-Dichloropropane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Dibromochloromethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,2-Dibromoethane (EDB)	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Chlorobenzene	2	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,1,1,2-Tetrachloroethane	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Ethylbenzene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
p-Xylene/m-Xylene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
o-Xylene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Styrene	U	ug/L	1	10-NOV-03 09:29	EPA 8021	03-093-10184

Approved by:

Lab Director

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QC

Miranda L. Druso

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 12-NOV-2003

Lab Sample ID: L112709-1

Endicott Waste Water Treatment Facility
Steve Cerny

c/o 1009 E. Main Street
Endicott, NY 13760

Sample Source: VILLAGE OF ENDICOTT WWTP

Origin: SPW-111003-G

Description: GRAB

Sampled On: 10-NOV-03 09:00 by CLIENT

Date Received: 10-NOV-03 12:31

P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Bromoform	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Isopropylbenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Bromobenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,1,2,2-Tetrachloroethane	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,2,3-Trichloropropane	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
n-Propylbenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
2-Chlorotoluene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
4-Chlorotoluene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,3,5-Trimethylbenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
tert-Butylbenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,2,4-Trimethylbenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
sec-Butylbenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,3-Dichlorobenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,4-Dichlorobenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
4-Isopropyltoluene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,2-Dichlorobenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
n-Butylbenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,2-Dibromo-3-chloropropane	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,2,4-Trichlorobenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Hexachlorobutadiene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Naphthalene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
1,2,3-Trichlorobenzene	U	ug/l	1	10-NOV-03 09:29	EPA 8021	03-093-10184
Methyl-tert-butyl-ether (MTBE)	U	ug/l	5	10-NOV-03 09:29	EPA 8021	03-093-10184
Surrogate Recovery:						
HALL - Bromofluorobenzene	142	%				03-093-10184
PID - Bromofluorobenzene	103	%				03-093-10184

Approved by:

Lab Director

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

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File on eDOCs X Yes _____ No
Site Name Enaticott
Site No. 704008
County Breome
Town Onaticott
Foilable X Yes _____ No
File Name 2004-01-01. monthly Report
Scanned & eDOC _____