

New York State Department of Environmental Conservation
FAST REPORT ON SIGNIFICANT INDUSTRIES

SPDES NUMBER:

PERMITEE 1. INDUSTRY NAME AND ADDRESS Steuben County Pretreatment LTF 5687 Turnpike Road Bath, NY 14810 Attn: WWTP Chief Operator		2. DETAILED PROCESS DESCRIPTION Landfill leachate pretreatment with metals removal followed by activated sludge process including sludge dewatering.			3. PRIMARY RAW MATERIALS (Monthly Usages)			4. PRODUCTION RATE (Monthly) 3,348,000 gal. max treated effluent		5. FLOWS TO SANITARY SEWER (GPD) Process 108,000 max Cooling Sanitary included in process	
8. CATEGORY (See FROSI supplement)		7. WRITE N/A WHERE NOT APPLICABLE OR NONE WHERE THE LISTED ACTION HAS NOT BEEN TAKEN									

A		B		C		D		E		F		G			H		I	J
DEDICATED MONITORING STATION AVAILABLE?		HAS A PERMIT BEEN ISSUED (DATE)		COMPLIANCE SCHEDULE				DATE BMR SUBMITTED		DATE 90 DAY COMP REPORT SUBMITTED		DATE NOV			FINE (Amount & Date)		SURCHARGE (Amount & Date)	HEARING (Date & Results)
Yes		Jan. 1		DATE ISSUED		LAST DATE												
SAMPLING RESULTS (mg/l) ⁽¹⁾ MONTHLY AVERAGES FOR PERIOD ENDING																		
PARAMETER	Jan-19 Mo/Yr	Feb-19 Mo/Yr	Mar-19 Mo/Yr	Apr-19 Mo/Yr	May-19 Mo/Yr	Jun-19 Mo/Yr	Jul-19 Mo/Yr	Aug-19 Mo/Yr	Sep-19 Mo/Yr	Oct-19 Mo/Yr	Nov-19 Mo/Yr	Dec-19 Mo/Yr	Annual Period Average	LOCAL LIMIT	Units	PERMITEE SAMPLING RESULTS	COMMENTS	
Flow (meter)	91.3	71.3	43.8	87.5	77.8	82.2	72.0	44.6	34.7	48.7	55.1	62.4	64.28	108	Kgal			
pH (SU) Grab	6.70	7.29	6.26	6.47	6.26	6.67	7.10	6.66	7.11	6.65	6.96	7.05	6.0-9.0	6.0-9.0	SU			
BOD (8 hr. Comp.)	40.3	7.8	33.9	4.5	17.1	6.3	120.0	19.6	164.0	16.6	6.8	6.1	31.19	Mon.	mg/L			
CBOD (8 hr. Comp.)					5.7	2.9	6.6	7.2	5.1	5.5	4.5	2.1	4.95	300	mg/L			
TSS (8 Hr. Comp.)	78.0	65.0	65.0	50.0	60.6	37.6	100.0	172.0	27.5	82.0	44.0	24.0	67.14	300	mg/L			
Ammonia as NH3 (8 Hr. Comp.)	7.04	< 0.05	38.20	< 0.05	< 0.05	0.26	22.40	0.31	0.35	1.98	0.27	1.26	6.02	50	mg/L			
(HEM) Oil & Grease (Grab)	< 4.9	< 25.0	< 17.0	5.2	< 25.0	4.7	5.0	5.3	5.5		4.8	< 5.0	9.76	100	mg/L			
Total Kjeldahl Nitrogen (TKN) (8 Hr. Comp.)	9.9	13.5	41.3	11.6	15.0	11.7	38.9	27.2	15.2	20.5	15.3	14.3	19.53	M	mg/L			
Total Nitrogen (TN) (8 Hr. Comp.)	251.0	356.0	619.0	412.0	399.0	337.0	449.0	405.0	374.0	392.0	300.0	327.0	385.08	440	mg/L			
Total Phosphorus (TP) (8 Hr. Comp.)	0.490	0.420	0.690	0.341	0.560	0.299	1.170	1.690	0.640	0.688	0.323	0.393	0.642	3.4	mg/L			
Nitrate as N (8 Hr. Comp.)											284.0	313.0	298.50	Mon.	mg/L			
Nitrite as N (8 Hr. Comp.)												0.2	0.21	Mon.	mg/L			
Phenol (mg/L)(Grab)	< 0.005	< 0.005	< 0.005	0.005	< 0.005	< 0.005	0.007	< 0.005	< 0.005	< 0.005	< 0.010	< 0.010	0.006	0.026	mg/L			
Antimony (8 Hr. Comp.)				< 0.1	< 0.1	0.1	0.1	0.1	0.1	0.1	< 0.1	< 0.1	0.06	1.0	mg/L			
Arsenic (8 Hr. Comp.)				0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.03	0.5	mg/L			
Barium (8 Hr. Comp.)				< 0.7	0.4	< 0.4	0.4	0.3	0.5	0.5	0.6	0.6	0.46	2.0	mg/L			
Beryllium (8 Hr. Comp.)				< 0.0	< 0.0	< 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	5.0	mg/L			
Cadmium (8 Hr. Comp.)	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0028	1.0	mg/L			
Chromium (Total) (8 Hr. Comp.)	0.0050	0.0059	0.0075	0.0050	0.0620	0.0620	0.0860	0.1050	0.0710	0.0780	0.0700	0.0500	0.0506	3.0	mg/L			
Copper (8 Hr. Comp.)	< 0.0020	0.0041	0.0031	0.0020	< 0.0020	< 0.0020	< 0.0200	0.0330	0.0280	0.0290	< 0.0200	0.0320	0.0148	3.0	mg/L			
Cyanide (Grab)	< 0.010	< 0.060	< 0.060	0.011		< 0.050	0.022	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	0.042	1.0	mg/L			
Iron (8 Hr. Comp.)					5.1000	2.7100	6.4000	11.50	3.0400	4.9700	3.6400	4.6100	5.246	5.0	mg/L			
Lead (8 Hr. Comp.)	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	#REF!	1.0	mg/L			
Manganese (8 Hr. Comp.)					1.7800	0.8750	0.8290	0.8690	0.6220	0.9320	0.9430	0.9000	0.969	5.0	mg/L			
Mercury (Grab)	< 200.00	< 200.00	< 200.00	< 200.00	8.50	< 0.01	5.50	2.20	3.50	7.70	2.70	2.10	69.35	50.0	ng/L			Method 1669 & Method 1631
Molybdenum (8 Hr. Comp.)	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	0.0138	5.0	mg/L			
Nickel (8 Hr. Comp.)	0.0055	0.0076	0.0088	0.0060	0.0580	0.0580	< 0.0850	0.1120	0.0980	0.0940	0.0800	0.0560	0.0557	3.0	mg/L			
Selenium (8 Hr. Comp.)	< 0.0010	< 0.0010	0.0010	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.001	2.0	mg/L			
Silver (8 Hr. Comp.)					< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.001	2.0	mg/L			
Zinc (8 Hr. Comp.)	0.0102	0.0123	0.0153	0.0131	0.1480	0.1550	0.0820	0.0970	0.0940	0.1530	0.0980	0.0850	0.0802	5.0	mg/L			
a-Terpinol (Grab)					< 0.0110	< 0.0110	< 0.0110	< 0.0110	< 0.0110	< 0.0110	< 0.0100	< 0.0100	0.011	0.033	mg/L			
Benzoic Acid (Grab)					0.0540	0.0530	0.0520	< 0.0530	< 0.0530	< 0.0500	< 0.0500	< 0.0500	0.052	0.12	mg/L			
p-Cresol (Grab)					< 0.0110	< 0.0110	0.0100	< 0.0110	0.0120	< 0.0100	< 0.0100	< 0.0100	0.011	0.025	mg/L			
Color (Grab)					1150	2000	2000	1650	850	1250	2500	1629	Mon.	SU				Alpha or PtCo scale W/ Photo.
Total Monthly Flow	2831	1996	1358	2627	2413	2466	2233	1378	1041	1509	1652	1933			Kgal			

Notes:
 1. Sample location shall be effluent from the 2nd sewage pump station.

New York State Department of Environmental Conservation
FAST REPORT ON SIGNIFICANT INDUSTRIES

SPDES NUMBER:

1. INDUSTRY NAME AND ADDRESS Ira Davenport Memorial Hospital 7571 NY-54, Bath, NY 14810 PO Box 350 Attn: , Facilities Manager		2. DETAILED PROCESS DESCRIPTION				3. PRIMARY RAW MATERIALS (Monthly Usages)			4. PRODUCTION RATE (Monthly)		5. FLOWS TO SANITARY SEWER (GPD) Process Cooling Sanitary						
8. CATEGORY (See FROSI supplement)		7. WRITE N/A WHERE NOT APPLICABLE OR NONE WHERE THE LISTED ACTION HAS NOT BEEN TAKEN															
A DEDICATED MONITORING STATION AVAILABLE?	B HAS A PERMIT BEEN ISSUED (DATE)	C COMPLIANCE SCHEDULE		D DATE ISSUED	D LAST DATE	E DATE BMR SUBMITTED		F DATE 90 DAY COMP REPORT SUBMITTED		G DATE NOV		H FINE (Amount & Date)		I SURCHARGE (Amount & Date)	J HEARING (Date & Results)		
	15-Jun																
SAMPLING RESULTS (mg/l) ⁽¹⁾																	
MONTHLY AVERAGES FOR PERIOD ENDING																	
PARAMETER	Jan-19 Mo/Yr	Feb-19 Mo/Yr	Mar-19 Mo/Yr	Apr-19 Mo/Yr	May-19 Mo/Yr	Jun-19 Mo/Yr	Jul-19 Mo/Yr	Aug-19 Mo/Yr	Sep-19 Mo/Yr	Oct-19 Mo/Yr	Nov-19 Mo/Yr	Dec-19 Mo/Yr	Annual Period Average	LOCAL LIMIT	Units	PERMITTEE SAMPLING RESULTS	COMMENTS
Flow (gpd)	15,627	15,668	14,758	14,713	14,629	13,710	18,923	15,833	16,676	12,508	12,921	13,294		50,000	gpd		Freq.: Cont.; Sample Type: Meter
pH (SU)			7.48			6.85			6.2		6.5			6.0-9.0	SU		Freq.: Quar.; Sample Type: Grab
BOD (mg/L)			65.0			2030			62.7		58.2			100	lbs/D		Freq.: Quar.; Sample Type: 8 hr. comp.
CBOD (mg/L)			121			3100			63.4		60.5			M	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
TSS (mg/L)			74.0			51			101		224			300	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Ammonia as NH3 (mg/L)			19.0			23.6			35.0		30.3			50	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
(HEM) Oil & Grease (mg/L)			<1.61			78.6			25.9		40.7			100	mg/L		Freq.: Quar.; Sample Type: Grab
Phenol (mg/L)			0.0048			0.356			0.147		0.305			M	mg/L		Freq.: Quar.; Sample Type: Grab
Total Nitrogen (TN)			<0.50			<32.3			<41.5		<41.35			M	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Total Kjeldahl Nitrogen (TKN)			31.0			32.2			41.4		41.3			M	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Nitrates			<0.05			<0.05			<0.05		<0.05			M	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Nitrites			<0.025			<0.025			<0.025		<0.025			M	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Total Phosphorus (TP)			3.71			4.25			5.34		6.58			8	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Antimony			<0.10			<0.08			<0.08		<0.08			1	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Arsenic			<0.05			<0.008			<0.008		<0.008			0.5	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Barium			0.168			0.111			0.212		0.0275			2	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Beryllium			<0.001			<0.0016			<0.0016		<0.0016			5	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Cadmium			<0.005			<0.0016			<0.0016		<0.0016			1	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Chromium (Total)			<0.01			<0.004			<0.0016		<0.004			3	mg/L		Freq.: Quar.; Sample Type: Grab
Copper			0.0538			0.0648			0.0446		0.0617			3	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Cyanide			<0.005			<0.01			<0.0100		<0.0100			1	mg/L		Freq.: Quar.; Sample Type: Grab
Iron			0.72			1.21			0.784		1.04			5	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Lead			<0.050			<0.016			<0.016		<0.016			1	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Manganese			0.0312			0.0869			0.0525		0.0252			5	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Mercury			3.45			2.02			<0.50		<0.50			50	ng/L		Freq.: Quar.; Sample Type: Grab Meth 1669 & Meth. 1631
Nickel			<0.02			<0.0160			<0.0160		<0.0160			3	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Selenium			<0.04			<0.0280			<0.0280		<0.0280			2	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Silver			<0.005			<0.008			<0.008		<0.008			2	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.
Zinc			0.081			0.0604			0.0891		0.156			5	mg/L		Freq.: Quar.; Sample Type: 8 hr. comp.

Notes:

1. Sample location shall be effluent from the 2nd sewage pump station.

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PERMITEE:

SPDES NUMBER:

1. INDUSTRY NAME AND ADDRESS		2. DETAILED PROCESS DESCRIPTION										3. PRIMARY RAW MATERIALS (Monthly Usages)			4. PRODUCTION RATE (Monthly)		5. FLOWS TO SANITARY SEWER (GPD)				
Bath VA Medical Center 76 Veterans Ave. Bath, NY 14810 Attn: Gerard McMIndes / Phone (585) 393-7641 8.CATEGORY (See FROSI supplement)																	Process				
																	Cooling				
																	Sanitary				
7. WRITE N/A WHERE NOT APPLICABLE OR NONE WHERE THE LISTED ACTION HAS NOT BEEN TAKEN																					
A	B	C				D			E			F			G			H		I	J
DEDICATED MONITORING	HAS A PERMIT BEEN ISSUED	COMPLIANCE SCHEDULE				DATE BMR SUBMITTED	DATE 90 DAY COMP REPORT SUBMITTED	DATE NOV	FINE		LOCAL LIMIT	EPA LIMIT	PERMITEE SAMPLING RESULTS	SURCHARGE (Amount & Date)	HEARING (Date & Results)						
		DATE ISSUED	LAST DATE						DATE NOV	AMOUNT						DATE					
SAMPLING RESULTS (mg/l)																					
MONTHLY AVERAGES FOR PERIOD ENDING																					
PARAMETER	1/19	2/19	3/19	4/19	5/19	6/19	7/19	8/19	9/19	10/19	11/19	12/19	Annual Period Average	LOCAL LIMIT	EPA LIMIT	PERMITEE SAMPLING RESULTS	COMMENTS				
	Mo/Yr	Mo/Yr	Mo/Yr	Mo/Yr	Mo/Yr	Mo/Yr	Mo/Yr	Mo/Yr	Mo/Yr	Mo/Yr	Mo/Yr	Mo/Yr	Mo/Yr								
Flow Daily Avg. (MGD)	0.036	0.038	0.037	0.036	0.037	0.038	0.058	0.068	0.06	0.048	0.04	0.037	0.04442	0.15							
pH (SU)			8.6			8.9			8.9			8.7	8.775	6.0 to 9.0							
BOD ₅ (mg/l)			740			390			70			240	360	Mon.							
BOD ₅ (lbs/day)			264.58			121.01			42.55			88.19	129.083	200							
CBOD ₅ (mg/l)			440			260			63			190	238.25	Mon.							
CBOD ₅ (lbs/day)			157.32			80.67			38.3			69.82	86.5275	200							
TSS (mg/l)			170			80			44			86	95	300							
Ammonia (mg/l)			26			34			20			14	23.5	50							
Oil and Grease (mg/l)			19			31			5.5			21	19.125	100							
Phenol (mg/l)			<0.05			0.11			<0.05			0.069	0.0895	Mon.							
TKN (mg/l)			50			52			21			48	42.75	Mon.							
Nitrate (mg/l)			<0.5			<0.5			<.02			0.95	0.95	Mon.							
Nitrite (mg/l)			<0.1			<0.5			<0.1			<0.1	#DIV/0!	Mon.							
Total Nitrogen (TN) (mg/l)			50			52			21			49	43	Mon.							
Total Phosphorus (TP) (mg/l)			8.3			6.3			2.6			7	6.05	8.00							
Antimony (mg/l)			<0.01			<0.01			<0.01			<0.01	#DIV/0!	1.00							
Arsenic (mg/l)			<0.01			<0.01			<0.01			<0.01	#DIV/0!	0.50							
Barium (mg/l)			0.23			0.31			0.29			0.25	0.27	2.00							
Beryllium (mg/l)			<0.01			<0.01			<0.01			<0.01	#DIV/0!	5.00							
Cadmium (mg/l)			<0.01			<0.01			<0.01			<0.01	#DIV/0!	1.00							
Chromium (tot) (mg/l)			<0.01			<0.01			<0.01			<0.01	#DIV/0!	3.00							
Copper (mg/l)			0.27			0.19			0.072			0.18	0.178	3.00							
Cyanide (mg/l)			<0.01			<0.01			<0.01			<0.01	#DIV/0!	1.00							
Iron (mg/l)			0.47			0.71			0.2			1.1	0.62	5.00							
Lead (mg/l)			<0.01			<0.01			<0.01			<0.01	#DIV/0!	1.00							
Manganese (mg/l)			0.073			0.038			0.023			0.092	0.0565	5.00							
Nickel			<0.01			<0.01			<0.01			<0.01	#DIV/0!	3.00							
Mercury (ng/l)			0.772			24.7			35			67.6	32.018	50.00							
Selenium (mg/l)			<0.01			<0.01			<0.01			<0.01	#DIV/0!	2.00							
Silver (mg/l)			<0.01			<0.01			<0.01			<0.01	#DIV/0!	2.00							
Zinc (mg/l)			0.23			0.19			0.096			0.28	0.199	5.00							