TEST Inc.

2323 Fourth Street
P.O. Box 483
Peru, Illinois 61354
815-224-1650
800-659-4659
FAX 815-224-1688
www.testinc.com

April 5, 2021

Client: Village of Poplar Grove
Attn: Owen Costanza, Village President
200 Hill Street
P.O. Box 01
Poplar Grove, IL 61065

Plant Type: Wastewater Treatment Plants: North: Class II Sequential batch reactors (SBR).
South: Class I Sequential batch reactors (SBR).
Water Treatment Plants: Well Supply with Chemical Addition in all 3 locations

For the water system you will find attached the daily inspection and monitoring reports for each of the water plants and the distribution system testing record. For the wastewater side we have included the monthly DMR for both wastewater plants.

Outlined below is the actions taken during March 2021 in Poplar Grove to improve the facilities equipment **BEYOND** required and routine maintenance, testing, inspection and reporting. At times we will also list upcoming needed improvements that may need attention by the Village.

Lift Stations:

- Collins came out and cleaned the grease out of all lift station.
- Sable Mechanical came and pulled a pump and took it for a rebuild. There was a seal failure. Still waiting to hear back.
- Two bad floats at Ray St lift station. Replaced and ordered spare.
- Controller went bad on countryside lift station. Replaced and ordered spare.

North WWTP:

- Septic hauler helped clean up the EQ tank; they look much better, and the quality of effluent has improved.
- We are looking in to changing the way the decanters work at the plant. The way they currently work it seems the life of the expensive actuators is about 2 years. We are looking into the cost of changing to an air style system like the south plant.

South WWTP:

- Purchased and installed and new commercial air compressor.
- The well shorted out, we had a new well and piping installed.
- Had our IEPA inspection and it went mostly well. We had to address a couple issues, but they are being/have been dealt with. They were small things like extra columns on a bench sheet, notification about when we spread sludge, and some lab reports needed to be resent.
- Repaired wasting line.

Water System:

All operations and plant inspections have been performed by me or under my direct supervision. As always, if you have any questions concerning the above, please do not hesitate to contact me.

Submitted by,
Total Environmental Service Technologies, Inc.
Ion Stear
Certified Operator/Manager

VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF February 2021 **MONTHLY OPERATING REPORT**
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

		Flow Meter		Hour Meter Well 4		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
Date	Time	Reading	Pumpage	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
31-Jan	8:00	320797	70	7153.78	1.6	106.00	0.0	0.79	107	9.00	1.23	413.60	12.40	JH
1	9:05	320867	45	7155.38	0.95	106.00	1.0	1.03	98	5.00	2.11	401.20	2.20	JS
2	8:45	320912	53	7156.33	1.18	105.00	1.0	1.02	93	6.00	2.75	399.00	0.90	JS
3	8:58	320965	49	7157.51	1.15	104.00	0.0	0.82	87	3.00	2.04	398.10	2.00	JS
4	8:44	321014	49	7158.66	1.12	104.00	1.0	0.94	84	4.00	1.40	396.10	1.60	JS
5	9:13	321063	44	7159.78	1	103.00	0.0	1.08	80 / 120	3.00	1.29	394.50	1.60	JS
6	8:45	321107	50	7160.78	0.98	103.00	1.0	0.93	117	3.00	1.23	392.90	1.60	JS
7	8:00	321157	45	7161.76	1.12	102.00	1.0	0.98	114	4.00	1.57	391.30	1.70	JH
8	9:06	321202	60	7162.88	1.4	101.00	0.0	0.94	110	3.00	1.07	389.60	2.30	JS
9	8:55	321262	46	7164.28	1	100.50	1.0	0.84	107	2.00	1.32	387.30	1.60	JS
10	8:52	321308	48	7165.28	1.11	100.00	1.0	0.94	105	2.00	1.20	385.70	36.90	JS
11	8:48	321356	45	7166.39	1.01	99.00	0.0	1.16	103	4.00	1.32	348.80	-33.60	JS
12	8:39	321401	44	7167.40	0.99	99.00	0.5	0.86	99	3.00	1.23	382.40	1.70	JS
13	9:09	321445	52	7168.39	1.15	98.50	0.5	0.98	96	3.00	1.10	380.70	1.90	JS
14	9:45	321497	50	7169.54	1.08	98.00	1.0	1.04	93	3.00	1.30	378.80	1.60	JS
15	8:48	321547	54	7170.62	1.26	97.00	1.0	1.10	90	4.00	1.12	377.20	2.20	JS
16	8:54	321601	49	7171.88	1.14	96.00	0.0	0.94	86	3.00	1.18	375.00	1.70	JS
17	8:57	321650	46	7173.02	1	96.00	1.0	0.99	83	2.00	1.14	373.30	1.70	JS
18	8:40	321696	57	7174.02	1.29	95.00	1.0	0.95	81	4.00	1.39	371.60	2.30	JS
19	8:53	321753	50	7175.31	1.17	94.00	1.0	1.04	77/120	2.00	1.10	369.30	1.50	JS
20	9:30	321803	68	7176.48	0.52	93.00	1.0	1.78	118	4.00	1.03	367.80	2.30	JH
21	8:00	321871	47	7177.00	2.03	92.00	0.0	0.80	114	4.00	1.45	365.50	2.00	JH
22	9:14	321918	66	7179.03	1.48	92.00	0.0	0.66	110	3.00	1.13	363.50	2.20	JS
23	8:30	321984	52	7180.51	1.36	92.00	0.5	0.75	107	3.00	1.22	361.30	1.80	JS
24	8:58	322036	62	7181.87	1.21	91.50	0.5	0.67	104	4.00	1.21	359.50	2.00	JS
25	8:40	322098	72	7183.08	1.63	91.00	1.0	0.80	100	4.00	1.14	357.50	-0.70	JS
26	8:36	322170	44	7184.71	0.98	90.00	1.0	0.64	96	3.00	1.03	358.20	4.70	JS
27	8:30	322214	63	7185.69	1.42	89.00	0.0	0.71	93	4.00	1.09	353.50	2.20	JS
28	8:54	322277	69	7187.11	1.51	89.00	1.8	0.69	89	6.00	1.26	351.30	2.00	JS
1	9:07	322346		7188.62		87.25	87.3	0.74	83	83.00	1.13	349.30	349.30	JS
			0		0		0.0			0.00			0.00	
			0		0								0.00	
TOT			1549					27.61			39.78			
AVE			52					0.92			1.33			
MAX			73					1.78			2.75			
MIN			0					0.64			1.03			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH **IL0070300**
FOR THE MONTH OF February 2021 **MONTHLY OPERATING REPORT**
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

		Flow Meter		Hour Meter Well 5		Hour Meter Well 6		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
Date	Time	Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
31-Jan	8:00	514729	84	3012.1	1.2	4756.70	0	145.00	1.0	0.86	100	8.00	0.46	422.60	2.40	JH
1	10:26	514813	42	3013.3	0.7	4756.70	0	144.00	1.0	0.89	92	4.00	0.97	420..2	1.80	JS
2	9:49	514855	53	3014.0	0.9	4756.70	0	143.00	0.0	0.98	88	4.00	2.00	418.40	2.40	JS
3	9:57	514908	88	3014.9	1.3	4756.70	0	143.00	1.0	0.95	84	5.00	1.27	416.00	2.60	JS
4	9:50	514996	43	3016.2	0.7	4756.70	0	142.00	1.0	0.87	79/120	2.00	0.75	413.40	1.40	JS
5	10:24	515039	45	3016.9	0.7	4756.70	0	141.00	0.5	0.95	118	4.00	0.94	412.00	1.40	JS
6	9:15	5115084	93	3017.6	1.4	4756.70	0	140.50	0.5	0.80	114	4.00	0.63	410.60	2.60	JS
7	7:30	515171	85	3019.0	1.3	4756.70	0	140.00	1.5	0.80	110	8.00	1.16	408.00	3.20	JH
8	10:22	515256	56	3020.3	0.9	4756.70	0	138.50	0.5	0.88	102	4.00	2.00	404.80	1.80	JS
9	9:57	515312	51	3021.2	0.8	4756.70	0	138.00	1.0	1.05	98	3.00	0.54	403.00	2.00	JS
10	9:49	515363	84	3022.0	1.3	4756.70	0	137.00	1.0	0.68	95	5.00	1.06	401.00	3.00	JS
11	10:10	515447	50	3023.3	0.8	4756.70	0	136.00	1.0	0.58	90	4.00	1.40	398.00	1.40	JS
12	9:50	515497	49	3024.1	0.8	4756.70	0	135.00	1.0	0.88	86/120	4.00	0.54	396.60	2.00	JS
13	9:36	515546	80	3024.9	1.2	4756.70	0	134.00	1.0	0.85	116	5.00	0.80	394.60	2.60	JS
14	10:16	515626	85	3026.1	1.4	4756.70	0	133.00	0.0	0.96	111	5.00	0.70	392.00	3.00	JS
15	9:50	515711	85	3027.5	1.3	4756.70	0	133.00	1.0	0.89	106	6.00	0.90	389.00	3.20	JS
16	9:41	515796	37	3028.8	0.6	4756.70	0	132.00	1.0	0.94	100	3.00	0.84	385.80	1.60	JS
17	9:50	515833	84	3029.4	1.3	4756.70	0	131.00	1.0	0.90	97	6.00	0.43	384.20	3.60	JS
18	10:07	515917	42	3030.7	0.7	4756.70	0	130.00	0.5	0.94	91	3.00	0.97	380.60	0.80	JS
19	10:01	515959	56	3031.4	0.8	4756.70	0	129.50	0.5	0.21	88	4.00	1.46	379.80	2.80	JS
20	8:00	516015	71	3032.2	1.2	4756.70	0	129.00	1.0	1.26	84	4.00	0.51	377.40	2.40	JH
21	8:00	516086	80	3033.4	2.2	4756.70	0	128.00	1.0	1.13	80	6.00	1.21	375.00	3.40	JH
22	10:14	516166	51	3034.6	0.8	4756.70	0	127.00	1.0	0.97	74/100	2.00	0.63	371.60	1.60	JS
23	9:24	516217	86	3035.4	1.4	4756.70	0	126.00	1.0	1.12	98	7.00	0.37	370.00	3.00	JS
24	9:49	516303	38	3036.8	0.6	4756.70	0	125.00	0.5	1.12	91	4.00	1.30	367.00	0.80	JS
25	9:56	516341	86	3037.4	1.4	4756.70	0	124.50	1.5	0.88	87	6.00	0.91	366.20	3.20	JS
26	9:51	516427	37	3038.8	0.6	4756.70	0	123.00	0.5	0.90	81	2.00	1.11	363.00	1.80	JS
27	8:54	516470	49	3039.4	0.8	4756.70	0	122.50	0.5	0.78	79	5.00	1.30	361.20	1.40	JS
28	9.:24	516519	89	3040.2	1.4	4756.70	0	122.00	2.0	1.03	74	6.00	1.64	359.80	2.60	JS
1	00:00	516608	0	3041.6	-3041.6	4756.70		120.00	120.0	68.00	68	68.00	1.11	357.20	0.00	JS
									0.0			0.00			0.00	
TOT			1879				0			94.05			29.91			
AVE			63				0			3.14			1.00			
MAX			93				0			68.00			2.00			
MIN			0				0			0.21			0.37			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH **IL0070150**
FOR THE MONTH OF February 2021 **MONTHLY OPERATING REPORT**
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

		Flow Meter		Hour Meter Well 2		Hour Meter Well 3		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
Date	Time	Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
31-Jan	10:15	260179669.2	120653	10062.1	0	24254.50	12.70	138.00	0.5	0.78	78	6.00	0.99	41.50	0.5	JH
1	8:31	260300322.2	107175.2	10062.1	0	24267.20	-2.00	137.50	1.5	0.94	72 /120	4.00	0.77	41.00	1.0	JS
2	8:22	260407497.4	95786.3	10062.1	0	24265.20	4.50	136.00	1.0	0.71	116	2.00	1.47	40.00	0.0	JS
3	8:25	260503283.7	106178.8	10062.1	0	24269.70	4.60	135.00	1.0	2.20	114	5.00	1.57	40.00	0.5	JS
4	8:10	260609462.5	116495.3	10062.1	0	24274.30	5.90	134.00	0.0	0.58	109	4.00	1.07	39.50	0.5	JS
5	8:52	260725957.8	116438.7	10062.1	0	24280.20	5.40	134.00	1.0	0.79	105	5.00	0.83	39.00	0.5	JS
6	8:25	260842396.5	117646.3	10062.1	0	24285.60	5.50	133.00	1.0	1.39	100	6.00	0.55	38.50	0.5	JS
7	8:20	260960042.8	125948.3	10062.1	0	24291.10	6.00	132.00	2.0	0.56	94	4.00	0.36	38.00	0.8	JH
8	8:27	261085991.1	112910.4	10062.1	0	24297.10	5.30	130.00	1.5	1.53	90	5.00	0.90	37.25	0.3	JS
9	8:26	261198901.5	120039	10062.1	0	24302.40	5.70	128.50	1.0	1.58	85	5.00	0.92	37.00	0.8	JS
10	8:09	261318940.5	118227.3	10062.1	0	24308.10	5.50	127.50	1.5	1.04	80	4.00	0.67	36.25	0.3	JS
11	8:15	261437167.8	117064.1	10062.1	0	24313.60	5.60	126.00	1.0	1.61	76/120	4.00	1.54	36.00	0.5	JS
12	8:13	261554231.9	114389.00	10062.1	0	24319.20	5.30	125.00	1.0	1.51	116	5.00	1.39	35.50	0.5	JS
13	8:52	261668620.9	119046.7	10062.1	0	24324.50	5.70	124.00	1.0	1.27	111	5.00	1.05	35.00	0.3	JS
14	9:20	261787667.6	123330.2	10062.1	0	24330.20	4.80	123.00	1.5	0.92	106	5.00	0.87	34.75	0.8	JS
15	8:12	261910997.8	119004.8	10062.1	0	24335.00	6.60	121.50	1.5	1.31	101	5.00	0.95	34.00	0.3	JS
16	8:23	262030002.6	116972.1	10062.1	0	24341.60	5.50	120.00	1.0	0.59	96	5.00	0.78	33.75	0.8	JS
17	8:14	262146974.7	111204.3	10062.1	0	24347.10	5.20	119.00	1.0	1.12	91	4.00	1.01	33.00	0.0	JS
18	8:10	262258179.0	110910.4	10062.1	0	24352.30	5.20	118.00	1.0	1.03	87	4.00	0.70	33.00	1.0	JS
19	8:22	262369089.4	123674.6	10062.1	0	24357.50	5.90	117.00	2.0	1.24	83	5.00	1.09	32.00	1.0	JS
20	8:00	262492764.0	102555.0	10062.1	0	24363.40	4.80	115.00	1.0	0.62	78	4.00	0.73	31.00	0.0	JH
21	9:15	262595319.0	137236.6	10062.1	0	24368.20	6.60	114.00	0.0	0.89	74	7.00	0.68	31.00	1.0	JH
22	8:32	262732555.6	116378.5	10062.1	0	24374.80	5.40	114.00	1.0	0.91	67/120	4.00	1.75	30.00	0.3	JS
23	8:08	262848934.1	95167.000	10062.1	0	24380.20	4.20	113.00	1.0	1.02	116	3.00	1.76	29.75	0.5	JS
24	8:13	262944101.1	101071.2	10062.1	0	24384.40	5.10	112.00	0.5	0.88	113	5.00	0.74	29.25	0.3	JS
25	8:17	263045172.3	116546.9	10062.1	0	24389.50	5.50	111.50	0.5	0.86	108	4.00	0.72	29.00	0.8	JS
26	8:12	263161719.2	119080.7	10062.1	0	24395.00	5.60	111.00	1.0	0.93	104	5.00	0.73	28.25	0.3	JS
27	8:16	263280799.9	116609.6	10062.1	0	24400.60	5.50	110.00	1.5	0.75	99	4.00	0.87	28.00	1.0	JS
28	8:39	263397409.5	127808.6	10062.1	0	24406.10	6.00	108.50	0.5	1.11	95	6.00	1.11	27.00	0.8	JS
1	00:00	263525218.1		10062.1		24412.10	5.10	108.00	108.0	0.41	89	89.00	0.52	26.25	26.3	JS
0																
0																
TOT			3345549				163			31.08			29.09			
AVE			115364				5			1.04			0.97			
MAX			137237				13			2.20			1.76			
MIN			95167				-2			0.41			0.36			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF February 2021
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

	North System (Wells 2 & 3)				West System (Well 4)				South System (Wells 5 & 6)					Flouride Analysis				
Date	Site #	Free Cl_2	Total Cl_2	PO_4	Site #	Free Cl_2	Total Cl_2	PO_4	Site #	Free Cl_2	Total Cl_2	PO_4	Operator Initials	1.0 mg.L Standard	Well #2	Well #3	Well #4	Well#5-6
1	Elm Schoo	0.83		1.13	Gas Station	0.42		1.2	Tower	0.67		0.85	JS			0.63	0.64	0.70
2	Tower	0.71		1.47	Tower	0.73		2.11	Tower	0.69		1.2	JS			1.20	0.72	0.74
3	Village Hall	0.12		1.52	Tower	0.79		1.92	Tower	0.66		0.85	JS			0.95	0.62	0.72
4	Tower	0.58		1.07	Garage	0.83		0.69	Tower	0.67		0.44	JS			0.41	0.73	0.71
5	Tower	0.79		0.83	Tower	0.74		1.30	Tower	0.66		1.02	JS			0.45	0.81	0.74
6																0.42	0.79	0.41
7																0.83	0.82	0.63
8	Elm Schoo	0.35		1.24	Gas Station	0.54		1.38	Tower	0.72		1.10	JS			0.98	0.71	0.70
9	Tower	1.58		0.92	Tower	0.78		0.87	Tower	0.7		0.92	JS			0.58	0.78	0.66
10	Village Hall	0.13		1.54	Garage	0.79		1.74	Tower	0.71		0.40	JS			0.80	0.68	0.79
11	Tower	1.61		1.54	Tower	0.79		0.86	Tower	0.7		0.43	JS			0.42	0.93	0.71
12	Tower	1.39		1.51	Tower	0.77		0.85	Tower	0.62		0.39	JS			0.68	0.69	0.83
13																0.62	0.55	0.74
14																0.42	0.59	0.20
15	Tower	1.31		0.95	Gas Station	0.45		1.17	Tower	0.64		0.66	JS			0.62	0.57	0.63
16	Elm Schoo	0.76		1.33	Tower	0.78		1.18	Tower	0.66		0.21	JS			0.47	0.68	0.71
17	Village Hall	0.14		1.58	Garage	0.83		1.44	Tower	0.71		0.41	JS			0.60	0.78	0.82
18	Tower	1.03		0.70	Tower	0.47		1.05	Tower	0.82		0.51	JS			0.71	0.53	0.66
19	Tower	1.09		1.24	Tower	0.55		0.95	Tower	0.63		0.27	JS			0.67	0.66	0.69
20																0.85	1.20	0.75
21																1.10	0.70	0.73
22	Elm Schoo	0.76		1.26	Gas Station	0.32		0.99	Tower	0.81		0.74	JS			0.77	0.69	0.71
23	Tower	1.02		1.76	Tower	0.60		1.31	Tower	0.78		0.75	JS			0.54	0.60	0.62
24	Village Hall	0.18		1.56	Garage	0.71		1.28	Tower	0.86		0.78	JS			0.52	0.55	0.64
25	Tower	0.86		0.72	Tower	0.59		1.10	Tower	0.77		1.08	JS			0.40	0.57	0.63
26	Tower	0.93		0.73	Tower	0.68		0.9	Tower	0.88		0.78	JS			0.42	0.70	0.71
27																0.57	0.62	0.73
28																0.80	0.69	0.65
29																		
30																		
31																		
1																		

Signature: Jon Stear
PHONE: 815-224-1650

DMR Copy of Record

Permit

Permit #:	IL0023451	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE - NORTH WWTP, VILLAGE OF
Major:	No	Permittee Address:	PO BOX 1 POPLAR GROVE, IL 61065	Facility Location:	205 EDSON RD POPLAR GROVE, IL 61065
Permitted Feature:	INF Influent Structure	Discharge:	**INF-L** INFLUENT MONITORING		

Report Dates & Status

Monitoring Period:	**From 02/01/21 to 02/28/21**	DMR Due Date:	**03/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150007

Principal Executive Officer

First Name:	Ion	Title:		Telephone:	815-224-1650
Last Name:	Stear				

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00310	**BOD, 5-day, 20 deg. C**	G - Raw Sewage Influent	0	--	Sample						=	90.0					19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.							Req Mon MO AVG					19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00530	**Solids, total suspended**	G - Raw Sewage Influent	0	--	Sample						=	134.0					19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.							Req Mon MO AVG					19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	G - Raw Sewage Influent	0	--	Sample	=	0.16	=	0.266	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User:	ebumgarner
Name:	Elaine Bumgarner
E-Mail:	ebumgarner@testinc.com
Date/Time:	2021-03-24 16:09 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-03-25 08:25 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:	IL0023451	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE - NORTH WWTP, VILLAGE OF
Major:	No	Permittee Address:	PO BOX 1 POPLAR GROVE, IL 61065	Facility Location:	205 EDSON RD POPLAR GROVE, IL 61065
Permitted Feature:	001 External Outfall	Discharge:	**001-0** STP OUTFALL		

Report Dates & Status

Monitoring Period:	**From 02/01/21 to 02/28/21**	DMR Due Date:	**03/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED.MONITORING LOCATION "1" IS FORMONTHLY AVERAGE AND DAILY MAXIMUM.MONITORING LOCATION "8" IS FORWEEKLY AVERAGE.

Principal Executive Officer

First Name:	Ion	Title:		Telephone:	181-522-4165
Last Name:	Stear				

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Quantity or Loading Value 1	Quantity or Loading Qualifier 2	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Qualifier 1	Quality or Concentration Value 1	Quality or Concentration Qualifier 2	Quality or Concentration Value 2	Quality or Concentration Qualifier 3	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	–	Sample						=	9.24	=	8.14	=	8.1	19 - mg/L		02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MO AV MN	>=	4.5 MN WK AV	>=	4.0 DAILY MN	19 - mg/L	0	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	–	Sample						=	7.18			=	7.83	12 - SU		02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	–	Sample	=	24.4	=	44.1	26 - lb/d			=	11.625	=	21.0	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	125.0 MO AVG	<=	250.0 DAILY MX	26 - lb/d			<=	12.0 MO AVG	<=	24.0 DAILY MX	19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	–	Sample	=	0.59	=	1.675	26 - lb/d			=	0.28	=	0.797	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	42.0 MO AVG	<=	56.0 DAILY MX	26 - lb/d			<=	4.0 MO AVG	<=	5.4 DAILY MX	19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Sample	=	0.252	=	0.419	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	–	Sample										=	0.0	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.05 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	–	Sample	<	6.3	=	12.6	26 - lb/d	<	3.0	=	6.0	19 - mg/L				02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	104.0 MO AVG	<=	209.0 DAILY MX	26 - lb/d	<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L		0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User:	ebumgarner
Name:	Elaine Bumgarner
E-Mail:	ebumgarner@testinc.com
Date/Time:	2021-03-24 16:13 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR

DMR Copy of Record

Permit

Permit #:	IL0071447	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE SOUTH STP, VILLAGE OF
Major:	Yes	Permittee Address:	200 S HILL ST POPLAR GROVE, IL 61065	Facility Location:	12211 STATE ROUTE 76 POPLAR GROVE, IL 61065
Permitted Feature:	INF Influent Structure	Discharge:	**INF-L** INFLUENT MONITORING		

Report Dates & Status

Monitoring Period:	**From 02/01/21 to 02/28/21**	DMR Due Date:	**03/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006

Principal Executive Officer

First Name:	Ion	Title:		Telephone:	815-224-1250
Last Name:	Stear				

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Perm. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00310	**BOD, 5-day, 20 deg. C**	G - Raw Sewage Influent	0	--	Sample						=	131.0					19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.							Req Mon MO AVG					19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00530	**Solids, total suspended**	G - Raw Sewage Influent	0	--	Sample						=	272.0					19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.							Req Mon MO AVG					19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Sample						=	7.8	=	18.4			19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX			19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	G - Raw Sewage Influent	0	--	Sample	=	0.122	=	0.231	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User:	ebumgarner
Name:	Elaine Bumgarner
E-Mail:	ebumgarner@testinc.com
Date/Time:	2021-03-24 15:23 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-03-25 08:25 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:	IL0071447	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE SOUTH STP, VILLAGE OF
Major:	Yes	Permittee Address:	200 S HILL ST POPLAR GROVE, IL 61065	Facility Location:	12211 STATE ROUTE 76 POPLAR GROVE, IL 61065
Permitted Feature:	001 External Outfall	Discharge:	**001-0** STP OUTFALL		

Report Dates & Status

Monitoring Period:	**From 02/01/21 to 02/28/21**	DMR Due Date:	**03/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:	Ion	Title:		Telephone:	815-224-1650
Last Name:	Stear				

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Quantity or Loading Value 1	Quantity or Loading Qualifier 2	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Qualifier 1	Quality or Concentration Value 1	Quality or Concentration Qualifier 2	Quality or Concentration Value 2	Quality or Concentration Qualifier 3	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	–	Sample						=	11.5	=	11.07	=	12.72	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MO AV MN	>=	4.5 MN WK AV	>=	4.0 DAILY MN	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	–	Sample						=	7.07			=	8.27	12 - SU		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	–	Sample	=	8.93	=	15.16	26 - lb/d			=	5.3	=	9.0	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	250.0 MO AVG	<=	500.0 DAILY MX	26 - lb/d			<=	12.0 MO AVG	<=	24.0 DAILY MX	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	–	Sample								=	23.75	=	23.75	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	–	Sample	=	0.55	=	3.18	26 - lb/d			=	0.325	=	1.89	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	83.0 MO AVG	<=	166.0 DAILY MX	26 - lb/d			<=	4.0 MO AVG	<=	5.2 DAILY MX	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	0	–	Sample	=	2.09			26 - lb/d			=	1.24			19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	21.0 MO AVG			26 - lb/d			<=	1.0 MO AVG			19 - mg/L	1	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Sample	=	0.202	=	0.392	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	–	Sample										=	0.0	19 - mg/L		CL/OC - Chlorination/Occurances	GR - GRAB
					Permit Req.										<=	0.05 DAILY MX	19 - mg/L	0	CL/OC - Chlorination/Occurances	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	–	Sample	<	4.7	<	5.05	26 - lb/d			<	2.8	<	3.0	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	209.0 MO AVG	<=	417.0 DAILY MX	26 - lb/d			<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00665	Phosphorus, total [as P]	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

We had a problem with an automatic valve for a ALUM working intermittently. We have finally tracked to down and are starting to see the Phos levels drop.

Attachments

No attachments.