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

March 3, 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 February 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 the main lift station.

North WWTP:

- Had a septic hauler come out and help clean up the EQ tank, will need to have them come back out to help again once the Ice in the tank melts.
- Cleaned out sludge from sand filters. We had a pump go down in one of the sand filters we drained the filter, pulled the pump and fixed the impeller ourselves.

South WWTP:

- Had a wasting line freeze and break, so we have been wasting manually. We plan to have the line fixed by the time you are reading this.
- With the bitter cold we were doing more checks on equipment to insure we are not going to have freezing issues. We did have some but nothing out of the ordinary.

Water System:

- Replaced Well houses cleaned and garbage taken out.

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 January 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-Dec	8:36	319257	45	7119.03	1.6	92.00	1.0	0.91	87	3.00	1.64	370.50	1.50	JS
1	8:00	319302	49	7120.69	0.48	91.00	0.0	0.99	84	4.00	0.39	369.00	1.80	JH
2	9:00	319351	49	7121.17	1.14	91.00	0.5	0.99	80	3.00	1.52	367.20	1.70	JS
3	9:02	319400	66	7122.31	1	90.50	0.5	0.99	77	3.00	1.36	365.50	1.50	JS
4	9:04	319466	30	7123.31	1.13	90.00	1.0	0.83	74 / 120	3.00	1.28	364.00	1.90	JS
5	8:38	319496	50	7124.44	1.14	89.00	0.5	0.92	117	1.00	1.44	362.10	1.70	JS
6	8:51	319546	30	7125.58	0.68	88.50	0.5	0.88	116	5.00	1.53	360.40	1.20	JS
7	8:56	319576	51	7126.26	1.14	88.00	0.5	0.85	111	3.00	1.24	359.20	1.70	JS
8	8:46	319627	52	7127.40	1.17	87.50	0.0	0.81	108	4.00	1.32	357.50	1.70	JS
9	7:15	319679	48	7128.57	1.1	87.00	1.0	0.79	104	4.00	0.47	355.80	1.70	JH
10	6:30	319727	69	7129.67	1.51	86.00	0.0	1.10	100	2.00	1.71	354.10	2.20	JH
11	9:00	319796	51	7131.18	1.16	86.00	2.0	0.86	98	2.00	0.80	351.90	1.90	JS
12	8:34	319847	50	7132.34	1.14	84.00	0.0	0.84	96	2.00	0.76	350.00	1.90	JS
13	8:55	319897	23	7133.48	0.39	84 / 120	1.0	0.87	94	1.00	0.72	348.1/434.6	0.10	JS
14	8:35	319920	7	7133.87	0.26	119.00	0.0	1.24	93	1.00	0.88	434.50	0.50	JS
15	8:42	319927	107	7134.13	2.41	119.00	0.0	0.96	92	4.00	0.69	434.00	3.60	JS
16	9:08	320034	61	7136.54	1.4	119.00	2.0	0.95	88	2.00	0.59	430.40	2.00	JS
17	10:23	320095	50	7137.94	1.11	117.00	0.5	1.01	86	3.00	1.10	428.40	1.70	JS
18	8:58	320145	47	7139.05	1.13	116.50	1.5	0.97	83	2.00	0.92	426.70	1.60	JS
19	9:02	320192	52	7140.18	1.11	115.00	0.0	0.92	81	4.00	1.01	425.10	2.60	JS
20	9:03	320244	45	7141.29	1.02	115.00	1.0	1.31	78	2.00	0.87	423.30	1.50	JS
21	8:47	320289	52	7142.31	1.15	114.00	0.0	1.19	76/130	0.00	1.06	421.80	1.70	JS
22	8:41	320341	50	7143.46	1.14	114.00	1.0	1.16	130	2.00	1.03	420.10	1.80	JS
23	6:20	320391	49	7144.60	1.12	113.00	1.0	1.16	128	4.00	1.01	418.30	2.00	JH
24	8:00	320440	70	7145.72	1.59	112.00	0.5	1.30	124	3.00	1.02	416.30	2.40	JH
25	8:56	320510	45	7147.31	1.02	111.50	1.5	1.23	121	3.00	1.15	413.90	1.00	JS
26	8:53	320555	46	7148.33	1	110.00	2.0	1.18	118	2.00	1.03	412.30	1.40	JS
27	8:55	320600	50	7149.33	1.14	108.00	-0.5	1.24	116	2.00	1.06	410.90	1.70	JS
28	8:59	320650	46	7150.47	1.02	108.50	0.5	1.09	114	3.00	1.06	409.20	2.15	JS
29	8:34	320696	51	7151.49	1.14	108.00	0.5	1.34	111	3.00	1.00	407.05	1.35	JS
30	8:34	320747	50	7152.63	1.15	107.50	1.5	0.88	108	1.00	0.99	405.70	2.10	JS
31	8:00	320797	-320797	7153.78	-7153.78	106.00		0.79	107	0.84	1.23	403.60	403.60	JH
TOT			1541					32.55			33.88			
AVE			50					1.02			1.06			
MAX			107					1.34			1.71			
MIN			7					0.79			0.39			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF January 2021
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070300
MONTHLY OPERATING REPORT

		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-Dec	10:04	512674	88	2979.9	1.3	4756.70	0	124.00	1.0	0.79	87	5.00	0.95	365.60	3.00	JS
1	8:00	512762	71	2981.2	1.3	4756.70	0	123.00	1.0	0.86	82	4.00	1.03	362.60	1.80	JH
2	9:36	512833	47	2982.5	0.6	4756.70	0	122.00	0.0	0.84	78	3.00	0.24	360.80	2.00	JS
3	9:35	512880	88	2983.1	1.3	4756.70	0	122.00	2.0	0.75	75	4.00	2.00	358.80	2.80	JS
4	10:05	512968	52	2984.4	0.9	4756.70	0	120.00	0.0	0.81	71/ 110	2.00	0.92	356.00	2.00	JS
5	9:32	513020	52	2985.3	0.8	4756.70	0	120.00	1.0	0.66	108	3.00	0.59	354.20	2.00	JS
6	9:50	513072	87	2986.1	1.3	4756.70	0	119.00	1.0	0.87	105	5.00	0.48	352.20	2.80	JS
7	9:51	513159	47	2987.4	0.8	4756.70	0	118.00	0.5	0.94	100	3.00	0.61	349.40	1.60	JS
8	9:52	513206	51	2988.2	0.8	4756.70	0	117.50	0.5	0.74	97	3.00	1.08	347.80	2.60	JS
9	7:30	513257	65	2989.0	1.3	4756.70	0	117.00	1.0	0.88	94	4.00	1.14	345.40	2.60	JH
10	6:55	513342	86	2990.3	1.3	4756.70	0	116.00	1.0	0.77	90	7.00	1.15	343.00	1.60	JH
11	9:53	513428	45	2991.6	0.7	4756.70	0	115.00	1.0	0.96	83	3.00	1.02	340.00	1.40	JS
12	9:31	513473	55	2992.3	0.9	4756.70	0	114.00	0.5	0.90	80	3.00	1.15	338.60	2.40	JS
13	9:47	513528	41	2993.2	1	4756.70	0	113.5/160	1.0	0.96	77	4.00	0.67	336.2/463.6	2.20	JS
14	9:00	513569	79	2994.2	1.1	4756.70	0	159.00	0.5	0.98	74	3.00	0.82	462.00	2.00	JS
15	9:53	513675	49	2995.3	1	4756.70	0	158.50	0.5	1.14	67/120	3.00	0.80	459.20	1.80	JS
16	9:36	513724	87	2996.3	1.3	4756.70	0	158.00	1.0	0.99	117	5.00	0.79	457.20	1.40	JS
17	10:50	513811	51	2997.6	0.8	4756.70	0	157.00	1.0	0.96	112	4.00	0.50	454.60	2.40	JS
18	9:46	513862	87	2998.4	1.4	4756.70	0	156.00	1.0	0.92	108	5.00	0.60	452.40	1.80	JS
19	9:55	513949	52	2999.8	0.8	4756.70	0	155.00	0.5	0.78	103	3.00	0.64	449.80	1.80	JS
20	10:05	514001	55	3000.6	0.9	4756.70	0	154.50	2.0	0.81	100	4.00	1.05	448.20	2.00	JS
21	10:05	514056	84	3001.5	1.3	4756.70	0	152.50	0.5	0.78	96	5.00	0.97	446.20	2.20	JS
22	9:53	514140	48	3002.8	0.8	4756.70	0	152.00	0.0	1.02	91	5.00	1.13	443.60	1.80	JS
23	6:48	514188	87	3003.6	1.3	4756.70	0	152.00	1.0	0.98	86	6.00	1.15	442.00	1.80	JH
24	8:00	514273	51	3004.9	0.8	4756.70	0	151.00	1.0	1.54	80	3.00	1.33	438.20	1.60	JH
25	9:55	514324	86	3005.7	1.3	4756.70	0	150.00	1.0	0.95	77	5.00	1.15	437.00	2.00	JS
26	9:30	514410	49	3007.0	0.8	4756.70	0	149.00	1.0	0.26	72/120	4.00	1.00	434.20	2.20	JS
27	10:01	514458	89	3007.8	1.4	4756.70	0	148.00	1.0	0.70	116	4.00	0.60	432.40	1.80	JS
28	10:11	514547	43	3009.2	0.7	4756.70	0	147.00	0.0	1.15	112	2.00	0.56	429.20	1.00	JS
29	10:02	514590	52	3009.9	0.8	4756.70	0	147.00	1.0	0.93	108	1.00	0.33	427.60	0.40	JS
30	9:02	514642	87	3010.7	0	4756.70	0	146.00	1.0	0.99	105	5.00	0.40	425.00	1.20	JS
31	8:00	514729	84	3012.1	1.2	4756.70	0	145.00	0.0	0.86	100	8.00	0.46	422.60	1.50	JH
1	10:26	514729		3013.2		4756.70	0	144.00		0.89	92		0.97	421.10	1.80	JH
TOT			2095				0			29.36			28.28			
AVE			65				0			0.89			0.86			
MAX			89				0			1.54			2.00			
MIN			41				0			0.26			0.24			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF January 2021
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070150
MONTHLY OPERATING REPORT

		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-Dec	9:38	2546633573	134945.20	10061.7	0	22120.40	4.50	131.00	1.0	0.95	102	5.00	0.68	39.00	0.0	JS
1	8:50	212988101.9	92189.40	10061.7	0	22124.90	4.80	130.00	1.5	1.16	97	5.00	1.74	39.00	0.5	JS
2	8:36	213096630.8	122234.40	10061.7	0	22129.70	5.00	128.50	0.5	0.53	92	6.00	1.26	38.50	0.3	JS
3	8:43	213200568.5	126779.50	10061.7	0	22134.70	4.10	128.00	1.0	0.90	86	4.00	1.25	38.25	0.3	JS
4	8:31	213304375.4	114775.70	10061.7	0	22138.80	4.60	127.00	2.0	1.20	82	6.00	0.77	38.00	1.0	JS
5	8:49	213409764.5	102351.50	10061.7	0	22143.40	4.90	125.00	1.0	0.97	76 / 120	5.00	0.98	37.00	0.0	JS
6	8:37	213522565.5	124469.30	10061.7	0	22148.30	4.60	124.00	0.5	0.95	115	4.00	0.93	37.00	0.5	JS
7	8:37	213626526.5	99815.40	10061.7	0	22152.90	4.70	123.50	0.5	0.61	111	5.00	0.61	36.50	0.3	JS
8	8:16	213732611.6	99603.60	10061.7	0	22157.60	4.70	123.00	2.0	1.05	106	5.00	0.71	36.25	0.3	JS
9	8:21	213840068.6	108812.10	10061.7	0	22162.30	4.90	121.00	1.0	1.06	101	6.00	0.64	36.00	0.5	JS
10	8:36	213952548.3	160333.30	10061.7	0	22167.20	4.50	120.00	1.0	1.04	95	5.00	0.57	35.50	0.5	JS
11	10:34	214,054,339.0	100219.60	10061.7	0	22171.70	5.10	119.00	1.0	0.76	90	6.00	1.02	35.00	0.0	JH
12	11:00	214169163.0	1287655.50	10061.7	0	22176.80	4.90	118.00	1.0	1.07	84	6.00	0.19	35.00	1.0	JH
13	11:10	214281429.4	106239.50	10061.7	0	22181.70	3.90	117.00	2.0	1.01	78	4.00	0.98	34.00	0.0	JS
14	8:26	214370958.0	111741.60	10061.7	0	22185.60	4.60	115.00	1.0	1.09	74 / 120	4.00	0.59	34.00	0.3	JS
15	8:36	214475116.6	95398.90	10061.7	0	22190.20	4.50	114.00	0.0	1.45	116	5.00	0.55	33.75	0.3	JS
16	8:42	214578679.6	133656.20	10061.7	0	22194.70	4.20	114.00	2.0	1.07	111	4.00	1.01	33.50	0.5	JS
17	8:23	214673767.5	99382.00	10061.7	0	22198.90	3.60	112.00	1.0	1.06	107	4.00	1.21	33.00	0.0	JS
18	8:53	214754779.4	141089.10	10061.7	0	22202.50	6.50	111.00	1.0	0.86	103	5.00	0.78	33.00	0.5	JS
19	10:45	214901570.0	92390.20	10061.7	0	22209.00	4.20	110.00	1.0	1.09	98	8.00	1.44	32.50	0.5	JH
20	8:42	214998904.5	105258.50	10061.7	0	22213.20	5.60	109.00	1.0	1.19	90	5.00	1.04	32.00	0.8	JS
21	8:51	215124208.1	118205.10	10061.7	0	22218.80	4.90	108.00	0.5	0.94	85	7.00	0.52	31.25	0.3	JS
22	8:40	215234560.5	87056.80	10061.7	0	22223.70	5.60	107.50	2.5	1.06	78 /120	4.00	0.84	31.00	0.5	JS
23	8:24	215362500.1	123050.20	10061.7	0	22229.30	5.90	105.00	2.0	1.44	116	6.00	0.72	30.50	0.5	JS
24	8:30	215496340.0	149869.50	10061.7	0	22235.20	-11.00	103.00	1.5	1.51	110	7.00	1.12	30.00	0.5	JH
25	14:54	215614588.6	83889.20	10061.7	0	22224.20	21.20	101.50	1.5	1.44	103	4.00	1.02	29.50	0.3	JS
26	9:00	215726706.0	113028.70	10061.7	0	22245.40	6.70	100.00	1.0	1.36	99	9.00	0.63	29.25	0.3	JH
27	10:15	215878750.0	116734.10	10061.7	0	22252.10	4.50	99.00	1.0	1.53	90	6.00	1.64	29.00	0.8	JH
28	9:00	215980495.0	118765.80	10061.7	0	22256.60	4.50	98.00	1.0	1.23	84	4.00	1.18	28.25	0.0	JH
29	8:00	216083531.0	94265.50	10061.7	0	22261.10	4.60	97.00	3.0	1.08	80	5.00	0.17	28.25	0.3	JH
30	8:10	216186200.0	140889.60	10061.7	0	22265.70	4.50	94.00	1.0	1.31	75	5.00	0.77	28.00	0.0	IS
31	8:20	216289491.0	120653.00	10061.7	0	22270.20		93.00		1.20	70		0.76	28.00		JH
1	8.:31	260300322.2														
TOT			4705095				150			35.17			28.32			
AVE			151777				5			1.10			0.89			
MAX			1287656				21			1.53			1.74			
MIN			83889				-11			0.53			0.17			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF January 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														1.00		0.84	0.80	0.74
2														1.00		0.62	0.75	0.48
3														1.00		0.79	0.87	0.97
4	Elm School	0.62		1.11	Gas Station	0.46		1.16	Tower	0.58		0.54	JS	1.00		0.58	0.81	0.94
5	Tower	1.01		0.72	Tower	0.69		1.41	Tower	0.56		0.61	JS	1.00		0.20	0.78	0.87
6	Village Hall	0.20		1.81	Auto Garage	0.57		0.88	Tower	0.57		0.77	JS	1.00		0.36	0.96	0.86
7	Tower	1.20		0.48	Tower	0.69		1.25	Tower	0.60		0.93	JS	1.00		0.86	0.81	0.86
8	Fire Staion	0.91		0.95	Tower	0.55		1.00	Tower	0.49		1.10	JS	1.00		0.51	0.82	0.87
9														1.00		0.85	0.77	0.31
10														1.00		0.76	1.80	1.20
11	Elm School	0.88		0.92	Gas Station	0.28		0.96	Tower	0.53		0.68	JS	1.00		0.85	0.89	0.94
12	Tower	1.15		0.53	Tower	0.56		0.76	Tower	0.54		1.14	JS	1.00		0.45	0.84	0.79
13	Village Hall	0.15		1.74	Tower	0.59		1.36	Tower	0.49		0.84	JS	1.00		1.00	0.64	0.86
14	Tower	1.54		1.58	Tower	1.12		0.78	Tower	0.46		0.79	JS	1.00		1.20	0.90	1.00
15	Fire Staion	1.13		0.79	Tower	1.00		0.70	Tower	0.51		0.81	JS	1.00		0.63	0.78	0.69
16														1.00		0.66	0.70	0.75
17														1.00		0.98	0.63	0.75
18	Tower	0.91		0.65	Gas Station	0.43		0.8	Tower	0.66		1.11	JS	1.00		0.45	0.76	0.81
19	Elm School	0.64		1.02	Tower	0.86		1.04	Tower	0.63		0.90	JS	1.00		1.10	0.70	0.72
20	Village Hall	0.22		1.65	Auto Garage	0.4		0.85	Tower	0.62		0.58	JS	1.00		0.57	0.64	0.77
21	Tower	1.17		0.96	Tower	0.96		1.22	Tower	0.54		1.01	JS	1.00		0.72	0.66	0.70
22	Tower	1.06		0.85	Tower	0.9		1.1	Tower	0.64		0.67	JS	1.00		0.79	0.72	0.76
23														1.00		0.75	0.68	0.64
24														1.00		0.81	0.63	0.40
25	Elm School	0.79		0.95	Tower	0.87		0.77	Tower	0.67		0.90	JS	1.00		0.88	0.80	0.72
26	Tower	0.12		1.01	Gas Station	0.7		1.15	Tower	0.62		1.00	JS	1.00		0.91	0.84	0.72
27	Village Hall	0.16		1.63	Tower	1.15		0.97	Tower	0.68		0.95	JS	1.00		0.32	0.66	0.75
28	Tower	0.91		0.80	Auto Garage	0.52		0.9	Tower	0.71		0.64	JS	1.00		0.54	0.81	0.83
29	Tower	1.40		0.78	Tower	1.00		0.85	Tower	0.60		0.78	JS	1.00		0.63	0.67	0.69
30														1.00		0.64	0.68	0.52
31														1.00		0.59	0.75	0.77
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 01/01/21 to 01/31/21**	DMR Due Date:	**02/25/21**	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						<	54.0					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						=	66.25					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	=	0.162	=	0.247	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:	2021-02-08 14:40 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-02-12 12:06 (Time Zone: -06:00)

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 01/01/21 to 01/31/21	DMR Due Date:	02/25/21	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:	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						=	9.32	=	8.66	=	8.63	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						=	7.31			=	7.62	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	=	16.34	=	30.0	26 - lb/d			=	7.625	=	14.0	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	=	0.409	=	0.688	26 - lb/d			=	0.191	=	0.321	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	=	0.257	=	0.532	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										<	0.02	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	<	5.89	<	6.43	26 - lb/d			<	2.75	<	3.0	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:	2021-02-09 08:05 (Time Zone: -06:00)

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 01/01/21 to 01/31/21**	DMR Due Date:	**02/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006

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
00310	**BOD, 5-day, 20 deg. C**	G - Raw Sewage Influent	0	--	Sample						=	127.0					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						=	180.0					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						=	6.43	=	8.88			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	=	0.119	=	0.156	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:	2021-02-09 14:53 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-02-12 12:06 (Time Zone: -06:00)

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 01/01/21 to 01/31/21**	DMR Due Date:	**02/25/21**	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						=	11.2	=	10.86	=	10.46	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	0	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.82			=	8.47	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	=	10.55	=	16.29	26 - lb/d			=	5.83	=	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								=	22.4	=	22.4	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	=	0.63	=	2.0	26 - lb/d			=	0.35	=	1.11	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	83.0 MO AVG	<=	108.0 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	=	2.33			26 - lb/d			=	1.29			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	=	0.217	=	0.314	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	<	5.25	<	5.43	26 - lb/d			<	2.9	<	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	0	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

Attachments

No attachments.

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-S** SEMI ANNUAL SAMPLING @ 001		

Report Dates & Status

Monitoring Period:	**From 08/01/20 to 01/31/21**	DMR Due Date:	**02/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	Ion	Title:	Certified Operator	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 Quantity 1	Value 1	Quantity 2	Value 2	Units	Quality or Concentration Quantity 1	Value 1	Quantity 2	Value 2	Quantity 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample						=	6.2					19 - mg/L		09/99 - See Permit	GR - GRAB
					Permit Req.												Req Mon DAILY MX 19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
00720	**Cyanide, total [as CN]**	1 - Effluent Gross	0	--	Sample						=	0.0					28 - ug/L		09/99 - See Permit	GR - GRAB
					Permit Req.												Req Mon DAILY MX 28 - ug/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
00722	**Cyanide, free [amen. to chlorination]**	1 - Effluent Gross	0	--	Sample						=	0.0					28 - ug/L		09/99 - See Permit	GR - GRAB
					Permit Req.												Req Mon DAILY MX 28 - ug/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
00951	**Fluoride, total [as F]**	1 - Effluent Gross	0	--	Sample						=	0.479					19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX 19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample						<	0.0049					19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX 19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01007	**Barium, total [as Ba]**	1 - Effluent Gross	0	--	Sample						=	0.0156					19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX 19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample						<	0.005					19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX 19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01032	**Chromium, hexavalent [as Cr]**	1 - Effluent Gross	0	--	Sample						<	0.005					19 - mg/L		09/99 - See Permit	GR - GRAB
					Permit Req.												Req Mon DAILY MX 19 - mg/L	0	09/99 - See Permit	GR - GRAB
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample						<	0.0076					19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX 19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample						=	0.00716					19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX 19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample						=	0.0454					19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX 19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01046	**Iron, dissolved [as Fe]**	1 - Effluent Gross	0	--	Sample						=	0.0294					19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX 19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample						<	0.0091					19 - mg/L		09/99 - See Permit	24 - COMP24
					Permit Req.												Req Mon DAILY MX 19 - mg/L	0	09/99 - See Permit	24 - COMP24
					Value NODI															

01055	**Manganese, total [as Mn]**	1 - Effluent Gross	0	–	Sample Permit Req Value NODI			<	0.0062 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	09/99 - See Permit 09/99 - See Permit	24 - COMP24 24 - COMP24
01067	**Nickel, total [as Ni]**	1 - Effluent Gross	0	–	Sample Permit Req Value NODI			<	0.00487 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	09/99 - See Permit 09/99 - See Permit	24 - COMP24 24 - COMP24
01077	**Silver, total [as Ag]**	1 - Effluent Gross	0	–	Sample Permit Req Value NODI			<	0.0084 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	09/99 - See Permit 09/99 - See Permit	24 - COMP24 24 - COMP24
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	–	Sample Permit Req Value NODI			=	0.0239 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	09/99 - See Permit 09/99 - See Permit	24 - COMP24 24 - COMP24
01147	**Selenium, total [as Se]**	1 - Effluent Gross	0	–	Sample Permit Req Value NODI			<	0.0108 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	09/99 - See Permit 09/99 - See Permit	24 - COMP24 24 - COMP24
32730	**Phenolics, total recoverable**	1 - Effluent Gross	0	–	Sample Permit Req Value NODI			=	0.0 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0	09/99 - See Permit 09/99 - See Permit	GR - GRAB GR - GRAB
71900	**Mercury, total [as Hg]**	1 - Effluent Gross	0	–	Sample Permit Req Value NODI			=	0.0 Req Mon DAILY MX	3M - ng/L 3M - ng/L	0	09/99 - See Permit 09/99 - See Permit	GR - GRAB GR - GRAB

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:	2021-02-10 11:26 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-02-12 12:06 (Time Zone: -06:00)