January 6, 2020

TEST Inc.
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Peru, Illinois 61354
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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 three locations

Enclosed you will find the daily inspection and monitoring reports for each water plant, the distribution system testing record.

Outlined below is the flow at each wastewater plant and the actions taken during the past month in Poplar Grove to improve the facilities equipment.

Wastewater flow information:

South Wastewater Plant Discharge Totals (November 2020)

Influent:	Total:	3.720	MG	**Effluent:**	Total:	6.51	MG
	Ave:	0.120	MGD		Ave:	0.210	MGD

North Wastewater Plant Discharge Totals (November 2020)

Influent:	Total:	10.168	MG	**Effluent:**	Total:	10.013	MG
	Ave:	0.328	MGD		Ave:	0.323	MGD

I hope that all of you had a good Christmas and a good start to the new year. We all did and have been plugging away like always. Plants/Wells/ Lift stations are running well. Jason is doing awesome and has caught on quickly.

Improvements Completed December 2020

Lift Stations:

- Diagnosed issue with whiting road lift station and repaired.
- Sable came out and fixed an issue with Countryside lift station. When the pump was running it would set a high-level alarm. Problem was a short in the alarm bell. Sable wired around it and has been running well since. We also replace the flasher relay because that was burnt up in the process as well.
- Replaced Faulty Float at Ray St lift station.
- Fixed dialer at countryside lift station. All pumps manually tested.
- Dry wells have been inspected.
- Inspected wet well areas & floats and cleaned as needed.
- All routine checks and tests performed for the month.
- Tested all alarm functions on lift stations to insure there working as they should.
- Test ran all generators under load to insure they will work when needed.
- Changed block heater at Waco lift station.

North WWTP:

- We set up scaffolding for the replacement of the heater in the press room.
- We helped with the take down of a old furnace in the press room.
- Replace sampler tubing.
- We developed a leak in the side of the EQ tank where it had been repaired before. Mitch called the same company we used before and they resealed it.
- We set up to have Collins come out and suck some scum off of the EQ tanks but they never showed. When the weather breaks well will reach out to them once again.
- Got snow blower and all other equipment ready for first big snow fall.
- Cleaned lab and plant. All process control testing has been don't to insure the ideal operation of the plant.
- Cleaned spray nozzles on inlet screen.
- Excised/ cleaned all emergency eye and body wash stations.
- Cleaned rags and build up out of inlet screen.
- Decanted digesters.
- Exercised portable generators.
- All Required IEPA testing and reporting was completed for the month.

South WWTP:

- Cleaned up and prepped everything for first big snow fall.
- Cleaned plant.
- Had an Alum pump quit, we replaced it with a spare and its been running good. We did let the phosphorus get a little high but its back on its way down.
- New digester blower is here and installed, just in time because another digester blower started to make a little noise. It was sent back with the company for diagnoses.
- New tube heater is installed in grit room.
- Drained all the water out of airline to prevent freezing air lines and added anti-freeze. Cleaned scum out of sand filter channels.
- Exercised/ cleaned all emergency eye and body wash stations.
- All process control has been done to ensure the plant is running optimum.
- Transferred sludge to Digester #3 from Digester 1 and 2 to thicken.
- Decanted all 3 digesters.
- All Required IEPA testing and reporting was completed for the month.

Water System:

- Fixed/Changed Phos pump at well 3
- Changed setting of tower to keep them from icing up. Went through all our spare Chemical pumps and made they all work if need be.
- Hawkins came and filled up all of our chemicals.
- Clean all dust and cobwebs from well houses.
- Tested/ cleaned all emergency eye and body wash stations.
- All water plant numbers and chemicals were checked daily and adjusted if necessary.
- All required IEPA testing and reporting was completed during the past month.
- All normal checks and cleaning were done at the well house and towers, garbage emptied, Thermostats checked for working order.

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

TEST Inc.

Submitted by,
Total Environmental Service Technologies, Inc.

IS

Ion Stear
Certified Operator/Manager

VILLAGE OF POPLAR GROVE - WEST
FOR THE MONTH OF Nov 2020
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070350
MONTHLY OPERATING REPORT

		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-Oct	9:02	316357	0	7053.80	0	85.00	1.0	0.93	114	4.00	1.05	320.40	2.20	JS
1	8:00	316414	44	7055.22	0.97	84.00	1.0	1.13	110	-8.00	1.09	318.20	1.40	JH
2	8:42	316458	54	7056.19	1.19	83.00	0.0	1.07	118	4.00	1.04	316.80	2.00	JS
3	9:20	316512	30	7057.38	0.67	83.00	0.0	1.08	114	7.00	1.15	314.80	1.10	JS
4	9:10	316542	51	7058.05	1.15	83.00	2.0	0.92	107	3.00	0.92	313.70	1.70	JH
5	9:00	316593	37	7059.20	0.82	81.00	0.0	0.96	104	3.00	0.85	312.00	1.40	JH
6	8:00	316630	64	7060.02	1.47	81.00	1.0	0.85	101	1.00	1.17	310.60	2.10	JH
7	8:33	316694	48	7061.49	0.89	80.00	1.0	1.01	100	2.00	1.01	308.50	1.50	JS
8	8:00	316742	66	7062.38	1.66	79.00	0.0	0.93	98	4.00	1.20	307.00	2.50	IS
9	9:47	316808	49	7064.04	1.1	78.00	1.0	1.05	94	1.00	0.98	304.50	1.40	JS
10	9:00	316857	26	7065.14	0.58	77.00	0.0	0.99	93	3.00	1.17	303.10	0.60	JS
11	8:09	316883	51	7065.72	0.93	77.00	1.0	0.81	90	3.00	1.09	302.50	2.20	JH
12	8:58	316934	49	7066.65	1.31	76.00	1.0	0.96	87	2.00	1.05	300.30	1.30	JS
13	8:54	316983	49	7067.96	-6.89	75.00	0.5	0.93	85 /130	2.00	1.40	299.00	1.40	JS
14	8:00	317032	44	7061.07	9.02	74.50	0.5	0.88	128	2.00	0.94	297.60	2.00	JH
15	9:15	317076	50	7070.09	1.05	74.00	1.0	0.90	126	2.00	1.06	295.60	1.40	JS
16	8:27	317126	59	7071.14	1.36	73.00	0.5	1.08	124	4.00	0.92	294.20	1.90	JS
17	8:51	317185	24	7072.50	0.6	72.50	0.5	0.90	120	1.00	1.03	292.30	0.80	JS
18	8:00	317209	64	7073.10	1.37	72.00	1.0	0.72	119	2.00	1.51	291.50	2.20	JS
19	8:28	317273	45	7074.47	1	71.00	1.0	1.08	117	1.00	0.97	289.30	1.70	JS
20	9:49	317318	28	7075.47	0.63	70 / 120	1.0	1.27	116	1.00	0.89	287.6 /437	4.80	JS
21	8:46	317346	63	7076.10	1.41	119.00	0.0	1.21	115	3.00	0.77	436.60	2.10	JS
22	8:57	317409	51	7077.51	1.13	119.00	2.0	1.11	112	2.00	0.78	434.50	1.90	JS
23	8:41	317460	49	7078.64	0.5	117.00	1.0	1.27	110	1.00	0.77	432.60	1.60	JS
24	8:56	317509	51	7079.14	1.75	116.00	1.0	1.14	109	1.00	0.66	431.00	2.00	JS
25	9:26	317560	28	7080.89	0.64	115.00	0.0	1.01	108	1.00	2.00	429.00	0.80	JS
26	8:29	317588	52	7081.53	1.16	115.00	1.0	1.27	107	3.00	0.47	428.20	1.80	JS
27	8:00	317640	44	7082.69	0.99	114.00	1.0	1.32	104	2.00	1.76	426.40	1.20	JH
28	9:13	317684	49	7083.68	1.1	113.00	0.0	1.03	102	2.00	1.27	425.20	1.70	JH
29	8:25	317733	45	7084.78	1.02	113.00	1.0	1.41	100	2.00	1.12	423.50	1.50	JH
30	8:00	317778	47	7085.80	1.01	112.00	0.0	1.45	98	3.00	2.31	422.00	1.80	JH
1	00:00	317825		7086.81		112.00		0.99	95	2.00	1.07	420.20	1.50	JS
TOT			1411					33.66			35.47			
AVE			46					1.05			1.11			
MAX			66					1.45			2.31			
MIN			0					0.72			0.47			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF November 2020
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-Oct	9:31	508586	89	2916.2	1.3	4756.70	0	111.00	2.0	0.98	90	8.00	0.96	338.80	3.00	JS
1	8:00	508675	83	2917.5	1.3	4756.70	0	109.00	1.0	1.02	82	4.00	0.93	335.80	3.00	JS
2	9:47	508758	45	2918.8	0.7	4756.70	0	108.00	1.0	0.99	78 / 120	3.00	0.88	332.80	1.60	JS
3	10:28	508803	77	2919.5	1.4	4756.70	0	107.00	1.0	0.93	117	2.00	1.06	331.20	2.80	JS
4	10:14	508890	43	2920.9	0.6	4756.70	0	106.00	1.0	0.76	115	1.00	1.07	328.40	2.20	JH
5	10:14	508933	52	2921.5	0.9	4756.70	0	105.00	1.0	0.96	114	8.00	1.30	326.60	1.60	JH
6	8:39	508786	6	2922.4	0.1	4756.70	0	104.00	0.0	0.95	106	2.00	1.25	325.00	1.00	JH
7	9:07	508992	131	2922.5	2	4756.70	0	104.00	10.0	1.10	104	2.00	1.24	324.00	3.60	JS
8	8:00	509123	80	2924.5	1.2	4756.70	0	94.00	-8.0	1.16	102	13.00	1.32	320.40	2.40	JH
9	8:54	509203	49	2925.7	0.9	4756.70	0	102.00	1.0	1.02	89	4.00	1.13	318.00	1.80	JS
10	9;50	509252	56	2926.6	0.8	4756.70	0	101.00	1.0	1.13	85	5.00	0.79	316.20	1.70	JS
11	8:55	509308	85	2927.4	1.3	4756.70	0	100.00	1.0	0.97	80	5.00	1.54	314.60	3.20	JH
12	9:59	509393	45	2928.7	0.7	4756.70	0	99.00	0.0	0.93	75 / 110	2.00	0.87	311.40	1.20	JS
13	10:15	509438	51	2929.4	0.8	4756.70	0	99.00	1.0	0.88	108	4.00	0.51	310.20	2.00	JS
14	7:00	509489	86	2930.2	1.3	4756.70	0	98.00	2.0	1.29	104	4.00	1.29	308.20	2.40	JH
15	9:40	509575	87	2931.5	1.3	4756.70	0	96.00	1.0	1.13	100	7.00	1.18	305.80	3.40	JH
16	9:38	509662	50	2932.8	0.9	4756.70	0	95.00	1.0	0.91	93	3.00	1.08	302.40	1.80	JS
17	9:47	509712	89	2933.7	1.3	4756.70	0	94.00	1.0	0.58	90	6.00	1.24	300.60	3.00	JS
18	9:00	509801	43	2935.0	0.3	4756.70	0	93.00	0.5	0.82	84	3.00	1.31	297.60	1.60	JH
19	9:28	509844	55	2935.3	1.3	4756.70	0	92.50	0.5	0.91	81	4.00	1.27	296.00	1.60	JS
20	8:53	509899	87	2936.6	1.3	4756.70	0	95 / 160	1.0	0.88	77	6.00	1.10	294.4/461.2	2.80	JS
21	9:36	509986	62	2937.9	0	4756.70	0	159.00	1.0	1.19	71 /120	3.00	1.29	458.40	2.40	JS
22	9:11	510048	89	2938.9	1.4	4756.70	0	158.00	2.0	1.01	117	6.00	2.00	456.00	3.00	JS
23	9:33	510137	44	2940.3	0.7	4756.70	0	156.00	1.0	1.04	111	4.00	1.24	453.00	1.20	JS
24	9:43	510181	49	2941.0	0.8	4756.70	0	155.00	0.0	1.05	107	2.00	2.00	451.80	1.80	JS
25	10:46	510230	90	2941.8	1.3	4756.70	0	155.00	3.0	1.09	105	7.00	0.79	450.00	2.80	JS
26	9:18	510320	70	2943.1	1.4	4756.70	0	152.00	0.0	0.84	98	6.00	1.71	447.20	3.00	JS
27	8:01	510390	65	2944.5	0.7	4756.70	0	152.00	0.0	0.91	92	4.00	1.24	444.20	1.60	JH
28	9:40	510455	85	2945.2	1.4	4756.70	0	152.00	1.0	0.87	88	6.00	0.79	442.60	3.00	JH
29	8:00	510540	81	2946.6	1.2	4756.70	0	151.00	2.0	1.67	82	6.00	1.20	439.60	2.80	JH
30	8:00	510621	39	2947.8	0.6	4756.70	0	149.00	0.3	1.70	76	2.00	1.20	436.80	1.00	JH
1	10:04	510660		2948.4		4756.70	0	148.75		0.91	74		1.21	435.80		JS
TOT			2063				0			32.58			37.99			
AVE			67				0			1.02			1.19			
MAX			131				0			1.70			2.00			
MIN							0			0.58			0.51			

SIGNATURE:
PHONE: 815-224-1650

Jon Stear

VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF November 2020
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-Oct	8:44	249868287.0	132135.0	10062.1	0	23774.10	6.50	104.00	2.0	1.43	82	6.00	1.71	29.00	0.5	JS
1	8:00	250000422.0	112396.4	10062.1	0	23780.60	4.80	102.00	1.0	1.43	76	5.00	1.13	28.50	0.5	IS
2	8:15	250112818.4	121328.1	10062.1	0	23785.40	5.70	101.00	2.0	1.37	71 / 130	4.00	0.91	28.00	0.0	JS
3	8:34	250234146.5	99471.1	10062.1	0	23791.10	4.60	99.00	2.0	1.18	126	4.00	0.76	28.00	1.0	JS
4	8:31	250333617.6	102198.4	10062.1	0	23795.70	4.70	97.00	2.0	1.23	122	3.00	1.19	27.00	0.0	JH
5	8:15	250435816.0	100091.0	10062.1	0	23800.40	4.60	95.00	1.0	0.84	119	3.00	0.68	27.00	1.0	JH
6	7:22	250535907.0	105105.1	10062.1	0	23805.00	4.90	94.00	1.0	1.26	116	8.00	0.97	26.00	0.0	JH
7	8:18	250641012.1	134536.5	10062.1	0	23809.90	6.20	93.00	1.0	0.98	108	6.00	0.79	26.00	1.0	JS
8	8:00	250775548.6	102727.8	10062.1	0	23816.10	4.80	92.00	2.0	0.99	102	4.00	0.28	25.00	0.0	IS
9	8:20	250878276.4	122095.3	10062.1	0	23820.90	5.60	90.00	2.0	1.29	98	5.00	0.86	25.00	0.5	JS
10	8:22	251000371.7	89744.4	10062.1	0	23826.50	4.20	88.00	1.0	1.04	93	3.00	0.91	24.50	0.0	JS
11	8:00	251090116.1	124115.7	10062.1	0	23830.70	5.80	87.00	1.0	1.06	90	5.00	1.24	24.50	0.5	JH
12	8:12	251214231.8	99789.9	10062.1	0	23836.50	10.60	86.00	0.0	0.12	85	5.00	1.19	24.00	0.3	JS
13	8:20	251314021.7	98336.0	10062.1	0	23847.10	-1.50	86.00	0.0	1.31	80 / 120	1.00	0.85	23.75	0.3	JS
14	6:00	251412357.7	107406.4	10062.1	0	23845.60	5.00	86.00	0.0	0.17	119	7.00	1.45	23.50	0.5	JH
15	8:00	251519764.1	136732.8	10062.1	0	23850.60	5.90	86.00	2.0	1.52	112	5.00	0.88	23.00	0.5	JH
16	8:27	251656496.9	100578.2	10062.1	0	23856.50	5.10	84.00	1.0	1.51	107	4.00	1.15	22.50	0.3	JS
17	8:09	251757075.1	102477.8	10062.1	0	23861.60	4.80	83.00	2.0	0.75	103	3.00	0.38	22.25	0.3	JS
18	8:00	251859552.9	125117.2	10062.1	0	23866.40	5.80	81.00	1.0	0.75	100	7.00	0.32	22.00	0.5	JH
19	10:00	251984670.1	100911.5	10062.1	0	23872.20	4.70	80.00	1.0	1.00	93	5.00	2.29	21.50	0.3	JS
20	8:15	252085581.6	95164.5	10062.1	0	23876.90	4.40	79 / 160	2.0	1.11	88	3.00	1.61	21.25 / 50	0.3	JS
21	8:28	252180746.1	116141.3	10062.1	0	23881.30	4.80	158.00	1.0	1.31	85	6.00	0.69	49.75	0.8	JS
22	8:43	252296887.4	118307.7	10062.1	0	23886.10	6.10	157.00	1.0	0.89	79 /120	4.00	0.85	49.00	0.5	JS
23	8:18	252415195.1	99722.1	10062.1	0	23892.20	4.60	156.00	2.0	0.84	116	5.00	0.84	48.50	0.5	JS
24	8:14	252514917.2	108064.4	10062.1	0	23896.80	5.00	154.00	0.5	0.85	111	5.00	0.61	48.00	0.8	JS
25	8:35	252622981.6	116519.1	10062.1	0	23901.80	5.40	153.50	0.0	0.97	106	6.00	1.07	47.25	0.3	JS
26	8:11	252739500.7	107500.0	10062.1	0	23907.20	5.00	153.50	-0.5	1.10	100	6.00	1.40	47.00	0.5	JS
27	7:15	252847000.7	121793.3	10062.1	0	23912.20	4.80	154.00	2.0	0.87	94	5.00	0.65	46.50	0.5	JH
28	9:00	252968794.0	109464.2	10062.1	0	23917.00	5.00	152.00	2.0	0.86	89	7.00	0.36	46.00	0.5	JH
29	8:35	253078258.2	131400.7	10062.1	0	23922.00	7.00	150.00	1.0	0.59	82	4.00	1.68	45.50	0.5	JH
30	8:00	253209658.9	107011.8	10062.1	0	23929.00	4.80	149.00	1.0	0.76	78	5.00	1.32	45.00	0.3	JH
1	8:33	253316707.0		10062.1		23933.80		148.00		1.03	73	6.00	1.54	44.75		JS
TOT			3448384				160			32.41			32.56			
AVE			111238				5			1.01			1.02			
MAX			136733				11			1.52			2.29			
MIN			89744				-2			0.12			0.28			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE
FOR THE MONTH OF November 2020
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

DAILY DISTRIBUTION MONITORING REPORT

Date	North System (Wells 2 & 3)				West System (Well 4)				South System (Wells 5 & 6)				Operator Initials	Flouride Analysis				
	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		1.0 mg.L Standard	Well #2	Well #3	Well #4	Well#5-6
1																0.95	1.70	0.72
2	Tower	1.37		0.91	Tower	0.72		1.08	Tower	0.66		1.44	JS			0.74	0.92	0.82
3	Vilage Hall	0.13		1.8	Auto garage	0.67		1.14	Tower	0.68		1.47	JS			1.10	0.79	0.86
4	Tower	1.23		1.19	Tower	0.76		0.93	Tower	0.65		1.57	JH			0.92	0.81	0.94
5	Fire Station	0.92		1.14	Gas Station	0.37		0.89	Tower	0.62		1.47	JH			0.71	0.96	0.92
6	Tower	1.26		1.16	Tower	0.85		1.17	Tower	0.67		1.48	JH			0.77	0.86	0.77
7																0.91	1.20	0.66
8																0.50	1.30	1.10
9	Tower	1.29		0.86	Tower	0.85		1.09	Tower	0.66		2.02	JS			0.67	0.84	0.74
10	Vilage Hall	0.19		1.35	Gas Station	0.53		0.86	Tower	0.70		2.20	JS			0.81	0.89	0.89
11	Tower	1.06		1.24	Tower	0.81		1.09	Tower	0.97		1.54	JH			0.77	0.87	0.65
12	Fire Station	0.29		1.11	Auto Garge	0.66		0.99	Tower	0.64		1.67	JS			1.50	0.68	0.88
13	Tower	1.31		0.85	Tower	0.75		1.08	Tower	0.62		1.68	JS			0.94	0.74	0.82
14	Tower	0.17		1.45	Tower	0.88		0.94	Tower	1.29		1.29	JH			0.20	0.98	0.28
15	Tower	1.52		0.88	Tower	0.90		1.06	Tower	1.13		1.18	JH			0.75	0.85	0.67
16	Tower	1.51		1.15	Tower	0.85		1.11	Tower	0.65		1.56	JS			1.70	1.00	0.92
17	Vilage Hall	0.34		1.48	Gas Station	0.30		0.87	Tower	0.65		1.84	JS			0.28	0.88	0.80
18	Tower	0.75		0.32	Tower	0.72		1.51	Tower	0.63		1.79	JH			0.74	0.89	0.81
19	Fire Station	0.73		1.10	Auto Garge	0.61		1.17	Tower	0.59		1.31	JS			0.95	0.80	0.84
20	Tower	1.11		1.61	Tower	1.19		0.88	Tower	0.66		1.46	JS			0.72	0.99	0.98
21																0.55	0.73	0.59
22																0.94	0.76	0.94
23	Tower	0.84		0.84	Tower	0.99		0.68	Tower	0.72		1.14	JS			1.00	0.75	0.93
24	Vilage Hall	0.18		1.56	Gas Station	0.41		0.74	Tower	0.67		1.45	JS			0.36	0.93	0.97
25	Elm School	0.58		1.31	Auto Garage	0.51		0.88	Tower	0.69		1.60	JS			1.10	0.77	0.87
26	Tower	1.10		1.40	Tower	1.04		0.59	Tower	0.69		1.42	JS			0.80	0.86	0.91
27	Tower	0.84		0.65	Tower	1.32		1.72	Tower	0.91		1.24	JH			1.10	1.30	0.88
28																0.70	0.81	0.84
29																1.10	1.40	1.00
30	School	0.89		1.17	Tower	2.31		1.45	Tower	1.70		1.46	JH			0.90	.2.1	1.30
1																		

Signature:  Ion 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 11/01/20 to 11/30/20**	**DMR Due Date:**	**12/25/20**	**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								<	53.0			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								=	45.0			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	=	0.276	=	0.6	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:	2020-12-10 13:21 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-01-02 16:03 (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 11/01/20 to 11/30/20**	**DMR Due Date:**	**12/25/20**	**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						=	7.88	=	6.6	=	8.0	19 - mg/L	0	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		02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.57			=	7.93	12 - SU	0	02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	9.17	=	19.03	26 - lb/d			=	3.375	=	7.0	19 - mg/L	0	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		02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.326	=	0.52	26 - lb/d			=	0.12	=	0.192	19 - mg/L	0	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		02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.326	=	0.41	03 - MGD								0	99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample										=	0.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.05 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	<	10.47	<	8.15	26 - lb/d			<	3.85	<	6.0	19 - mg/L	0	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		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:	2020-12-14 05:50 (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 11/01/20 to 11/30/20	DMR Due Date:	12/25/20	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: --

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								=	92.0			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								=	132.0			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								=	5.44	=	8.33	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	=	0.123	=	0.154	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:	2020-12-10 13:08 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-01-02 16:03 (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 11/01/20 to 11/30/20**	**DMR Due Date:**	12/25/20	**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						=	8.26	=	6.01	=	5.0	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						=	7.01			=	7.89	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	<	9.11	=	23.0	26 - lb/d			<	4.75	=	12.0	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															
00800	Nitrogen, total [as N]	1 - Effluent Gross	0	–	Sample								=	28.1	=	28.1	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	=	0.111	=	0.148	26 - lb/d			=	0.058	=	0.0772	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	=	2.59			26 - lb/d			=	1.35			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	=	0.23	=	0.877	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	<	5.75	<	5.75	26 - lb/d			<	3.0	<	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 (Error Code: 1)	Yes

Comments

Attachments

No attachments.