November 9, 2020

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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 (September 2020)

Influent:	Total:	4.260	MG	**Effluent:**	Total:	7.050	MG
	Ave:	0.142	MGD		Ave:	0.235	MGD

North Wastewater Plant Discharge Totals (September 2020)

Influent:	Total:	12.510	MG	**Effluent:**	Total:	11.130	MG
	Ave:	0.417	MGD		Ave:	0.371	MGD

Improvements Completed October 2020

Lift Stations:

- Installed new pump at Bullard lift station.
- Sable Mechanical came and did our yearly lift station maintenance on all the lift station pumps, they gave us a report on all the pumps. There are a few thing that need to be addressed and we are making plans to get them fixed.
- 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:

- Cleaned and organized plant.
- We are currently using the disk filter so the sand filter can drain and we can clean out the sludge and top off sand. We got sand from Menards.

- Checked all the oil levels on all the blowers without sight glasses.
- 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:

- Pulled UV lights to clean and prep for next year. We need to order some parts but its will only be about 5 bulbs and 2 sleeves.
- Transferred sludge to drying bed.
- Checked all the oil on the blowers without sight glasses.
- 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:

- Comfort solutions installed a new furnace at well 2.
- Hawkins topped off all 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.
- Hawkins came and filled up all of our chemicals.
- All required IEPA testing and reporting was completed during the past month.
- All normal checks and cleaning was 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.

Submitted by,
Total Environmental Service Technologies, Inc.

Ion Stear
Certified Operator/Manager

TEST Inc.

VILLAGE OF POPLAR GROVE - NORTH **IL0070150**
FOR THE MONTH OF SEPT 2020 **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-Aug	08:00	242857267.0	122887.9	1006.8	0	23439.70	13.00	127.00	4.0	1.11	85	5.00	0.84	31.00	0.5	MS
1	8:28	242980154.9	81509	1006.8	0	23452.70	9.30	123.00	0.5	2.00	80	2.00	1.33	30.50	0.3	JS
2	8:00	243061603.0	148418.5	1006.8	0	23462.00	6.70	122.50	1.0	2.00	78	8.00	1.37	30.25	0.3	MS
3	8:47	243210021.5	124461.5	1006.8	0	23468.70	5.70	121.50	0.5	0.44	70 /128	5.00	1.13	30.00	0.5	JS
4	8:13	243334483.0	114263.8	1006.8	0	23474.40	5.20	121.00	1.0	0.50	123	7.00	1.06	29.50	0.0	JS
5	7:52	243448746.8	137481.5	1006.8	0	23479.60	6.30	120.00	1.0	0.71	116	6.00	2.00	29.50	0.5	JS
6	8:06	243586228.3	114557.6	1006.8	0	23485.90	-4.80	119.00	1.0	0.90	110	5.00	0.93	29.00	0.0	JS
7	8:09	243700785.9	128880.7	1006.8	0	23481.10	15.90	118.00	1.0	0.32	105	8.00	0.81	29.00	0.0	JS
8	8:06	243829666.6	126129.9	1006.8	0	23497.00	5.70	117.00	1.0	0.69	97	6.00	1.65	29.00	0.5	JS
9	8:13	243955796.5	84143.6	1006.8	0	23502.70	2003.60	116.00	1.0	0.52	91	4.00	1.03	28.50	1.2	JS
10	8:23	244039940.1	108551.8	1006.8	0	25506.30	-1994.80	115.00	0.0	0.64	87	5.00	1.17	27.35	0.4	JS
11	8:17	244148491.9	79123	1006.8	0	23511.50	3.60	115.00	1.0	0.34	82 / 120	2.00	1.07	27.00	0.0	JS
12	8:22	244227614.9	118991.5	1006.8	0	23515.10	5.40	114.00	1.0	0.49	118	6.00	1.12	27.00	0.0	JS
13	8:47	244346606.4	127708.8	1006.8	0	23520.50	5.80	113.00	2.0	1.69	112	6.00	1.58	27.00	0.3	JS
14	8:34	244474315.2	130034.1	1006.8	0	23526.30	6.00	111.00	1.0	0.86	106	4.00	0.98	26.75	0.3	JS
15	10:42	244604349.3	76250.3	1006.8	0	23532.30	3.40	110 / 160	0.0	0.75	100/151	1.00	1.37	26/50.5	0.5	JS
16	8:11	244680599.6	107391.7	1006.8	0	23535.70	5.30	160.00	2.0	1.57	150	7.00	1.53	50.00	0.0	JS
17	8:38	244787991.3	158238.7	1006.8	0	23541.00	6.80	158.00	2.0	0.90	143	8.00	0.92	50.00	0.3	JS
18	8:00	244946230.0	75314	1006.8	0	23547.80	3.40	156.00	1.0	1.25	135	4.00	1.21	49.75	0.8	JS
19	9:12	245021544.0	119238.6	1006.8	0	23551.20	5.50	155.00	1.0	0.77	131	6.00	0.88	49.00	1.0	JS
20	8:25	245140782.6	132935.4	1006.8	0	23556.70	6.10	154.00	0.5	0.79	125	7.00	0.81	48.00	0.0	JS
21	8:25	245273718.0	116395.1	1006.8	0	23562.80	5.20	153.50	1.5	1.29	118	5.00	1.10	48.00	0.5	JS
22	8:23	245390113.1	126683.3	1006.8	0	23568.00	5.90	152.00	2.0	1.12	113	7.00	0.70	47.50	0.5	JS
23	8:13	245516796.4	121222.2	1006.8	0	23573.90	5.50	150.00	1.0	0.76	106	5.00	0.97	47.00	0.5	JS
24	8:44	245638018.6	110457.7	1006.8	0	23579.40	5.10	149.00	1.0	1.41	101	6.00	1.72	46.50	0.5	JS
25	8:29	245748476.3	116177.8	1006.8	0	23584.50	5.30	148.00	1.5	1.28	95	6.00	0.64	46.00	0.5	JS
26	8:31	245864654.1	116146.9	1006.8	0	23589.80	5.40	146.50	1.5	1.15	89	5.00	1.73	45.50	0.5	JS
27	8:30	245980801.0	131789.8	1006.8	0	23595.20	6.00	145.00	1.0	1.22	84	7.00	1.03	45.00	0.5	JS
28	8:11	246112590.8	106681.4	1006.8	0	23601.20	4.90	144.00	0.5	0.25	77 / 120	4.00	1.22	44.50	0.5	JS
29	8:13	246219272.2	119323.1	1006.8	0	23606.10	5.50	143.50	1.5	1.33	116	7.00	0.63	44.00	0.3	JS
30	8:16	246338595.3	100149.0	1006.8	0	23611.60	4.60	142.00	1.0	0.84	109	4.00	0.80	43.75	0.8	JS
1	8:11	246438744.3		1006.8		23616.20		141.00		1.22	105		0.68	43.00		JS
TOT			3581538				176			31.11			36.01			
AVE			115533				6			0.97			1.13			
MAX			158239				2004			2.00			2.00			
MIN			75314				-1995			0.25			0.63			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF SEPT 2020
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	Tower	2.00		1.33	Tower	0.48		1.12	Tower	0.44		1.11	MS			0.55	0.21	0.82
2	Tower	2.00		1.37	Tower	0.64		1.27	Tower	0.34		1.69	MS			0.90	0.19	0.85
3	Tower	0.44		1.13	Tower	0.58		1.7	Tower	0.46		1.58	JS			0.42	0.20	0.79
4	Tower	0.71		1.06	Tower	0.6		1.53	Tower	0.48		1.73	JS			0.45	0.18	0.86
5																0.59	0.17	0.26
6																0.56	0.18	0.30
7	Tower	0.32		0.81	Tower	0.63		1.14	Tower	0.5		1.36	JS			0.24	0.16	0.85
8	Tower	0.69		1.65	Tower	0.67		1.00	Tower	0.56		1.94	JS			0.43	0.24	1.20
9	Tower	0.52		1.03	Tower	0.62		1.15	Tower	0.49		1..36	JS			0.37	0.17	0.79
10	Tower	0.64		1.17	Tower	0.47		1.20	Tower	0.53		1.21	JS			0.58	0.16	0.85
11	Tower	0.34		1.07	Tower	0.64		1.26	Tower	0.51		1.22	JS			0.81	0.16	0.72
12																0.61	0.15	2.00
13																0.40	0.15	0.80
14	Tower	0.86		0.98	Tower	0.62		1.19	Tower	0.55		1.06	JS			0.56	1.60	0.87
15	Tower	0.75		1.37	Tower	0.48		0.3	Tower	0.46		2.17	JS			0.73	1.70	0.71
16	Tower	1.57		1.53	Tower	0.72		1.02	Tower	0.45		1.51	JS			0.45	0.38	0.72
17	Tower	0.9		0.92	Tower	0.77		1.04	Tower	0.51		1.30	JS			0.71	0.48	0.73
18	Tower	0.89		0.95	Tower	0.74		1.00	Tower	0.48		1.24	IS			1.20	0.40	0.20
19																0.87	0.32	0.31
20																0.63	0.28	2.00
21	Tower	1.29		1.10	Tower	0.69		1.07	Tower	0.72		1.22	JS			0.93	0.97	0.87
22	Tower	1.12		0.7	Tower	0.65		1.08	Tower	0.67		1.24	JS			0.85	0.30	0.88
23	Tower	0.76		0.97	Tower	0.73		1.15	Tower	0.73		1.36	JS			1.10	0.19	0.75
24	Tower	1.41		1.72	Tower	0.70		1.05	Tower	0.78		1.09	JS			0.89	0.15	0.93
25	Tower	1.28		0.64	Tower	0.78		1.17	Tower	0.76		1.10	JS			0.81	2.00	0.93
26																0.97	0.14	0.21
27																0.71	0.51	2.00
28	Tower	0.25		1.22	Tower	0.58		1.12	Tower	0.70		1.24	JS			0.56	0.72	0.97
29	Tower	1.33		0.63	Tower	0.64		1.10	Tower	0.66		1.12	JS			0.63	0.88	0.87
30	Tower	0.84		0.8	Tower	0.63		1.21	Tower	0.71		2.00	JS			0.76	0.62	0.88
31																		
1																		

Signature:  Ion Stear

PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF SEPT 2020 **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-Aug	8:00	313236	38	6984.81	0.76	102.00	0.0	0.63	110	0.00	0.47	417.00	0.60	MS
1	9:40	313274	44	6985.37	1.17	102.00	1.0	0.70	110	2.00	1.01	416.40	-0.50	MS
2	8:00	313318	52	6986.54	1.38	101.00	1.0	0.64	108	4.00	1.27	416.90	-0.80	MS
3	9:12	313370	67	6987.92	1.31	100.00	1.0	0.80	104	4.00	1.66	417.70	-1.10	JS
4	8:47	313437	60	6989.23	1.29	99.00	0.5	0.80	100	2.00	1.65	418.80	0.20	JS
5	8:18	313497	56	6990.52	1.36	98.50	2.5	0.55	98	3.00	1.95	418.60	-0.20	JS
6	8:24	313553	58	6991.88	1.2	96.00	0.0	0.73	95	3.00	1.24	418.80	0.30	JS
7	8:34	313611	58	6993.08	1.26	96.00	0.0	0.71	92	3.00	1.30	418.50	-0.60	JS
8	8:31	313669	7	6994.34	0.15	96.00	0.0	0.73	89	1.00	1.12	419.10	0.00	JS
9	8:38	313676	59	6994.49	1.32	96.00	1.0	0.73	88	3.00	1.20	419.10	-0.30	JS
10	8:48	313735	59	6995.81	3.32	95.50	0.5	0.71	85	3.00	1.21	419.40	0.20	JS
11	8:42	313794	59	6999.13	-0.7	95.00	1.0	0.81	82 /130	1.00	1.18	419.20	0.10	JS
12	8:40	313853	7	6998.43	0.08	94.00	0.0	0.94	129	0.00	1.36	419.10	0.60	JS
13	9:03	313860	105	6998.51	2.4	94.00	1.0	0.77	129	5.00	1.14	418.50	6.90	JS
14	9:00	313965	5	7000.91	1.07	93.00	0.0	0.75	124	0.00	1.21	411.60	0.20	JS
15	9:39	313970	52	7001.98	0.18	93 /120	0.0	0.98	124	3.00	2.34	411.40	12.60	JS
16	8:49	314022	59	7002.16	1.33	119.00	1.0	0.85	121	2.00	1.19	398.80	9.10	JS
17	8:59	314081	55	7003.49	1.28	119.00	1.0	0.91	119	1.00	1.12	389.70	9.50	JS
18	8:00	314136	60	7004.77	1.24	118.00	1.0	0.81	118	7.00	1.17	380.20	0.80	IS
19	9:20	314196	58	7006.01	1.31	117.00	1.0	0.88	111	1.00	1.21	379.40	0.50	JS
20	8:42	314254	61	7007.32	1.33	116.00	1.0	0.84	110	4.00	1.10	378.90	0.50	JS
21	9:01	314315	56	7008.65	1.26	115.00	1.0	0.83	106	2.00	0.91	378.40	0.60	JS
22	8:45	314371	59	7009.91	1.29	114.00	0.0	0.87	104	0.00	1.13	377.80	0.00	JS
23	9:35	314430	8	7011.2	0.15	114.00	0.0	0.92	104	2.00	1.02	377.80	0.00	JS
24	9:07	314438	59	7011.35	1.3	114.00	1.0	0.89	102	1.00	1.26	377.80	-0.20	JS
25	8:47	314497	59	7012.65	1.32	113.00	1.0	0.85	101	4.00	1.29	378.00	0.00	JS
26	8:46	314556	58	7013.97	1.27	112.00	0.5	0.86	97	3.00	1.03	378.00	0.10	JS
27	8:47	314614	57	7015.24	1.24	111.50	0.5	0.78	94	3.00	1.25	377.90	1.50	JS
28	8:40	314671	40	7016.48	0.92	111.00	1.0	0.87	91	4.00	1.08	376.40	1.50	JS
29	8:41	314711	18	7017.4	0.4	110.00	0.5	0.76	87	1.00	0.99	374.90	0.60	JS
30	8:42	314729	58	7017.8	1.28	109.50	0.5	0.81	86 /140	2.00	1.10	374.30	1.80	JS
1	8:35	314787		7019.08		109.00		0.76	138		1.15	372.50		JS
TOT			1551					25.47			39.31			
AVE			50					0.80			1.23			
MAX			105					0.98			2.34			
MIN			5					0.55			0.47			

SIGNATURE: Ion Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH **IL0070300**
FOR THE MONTH OF SEPT 2020 **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-Aug	8:00	503613	47	2838.7	0.7	4756.10	0	113.00	0.5	0.37	80	8.00	1.14	346.00	1.60	MS
1	9:25	503660	91	2839.4	1.5	4756.10	0	112.50	1.5	0.49	80	8.00	0.80	344.40	2.80	JS
2	8:00	503751	139	2840.9	2.1	4756.10	0	111.00	1.5	0.55	72	6.00	0.68	341.60	4.80	MS
3	10:30	503890	130	2,843.0	2	4756.10	0	109.50	2.0	0.79	66/110	6.00	1.27	336.80	4.60	JS
4	11:01	504020	109	2845.0	1.8	4756.10	0	107.50	1.5	0.09	104	4.00	2.00	332.20	3.60	JS
5	8:49	504129	93	2846.8	1.4	4756.10	0	106.00	1.0	0.72	100	4.00	0.93	328.60	3.00	JS
6	8:52	504222	100	2848.2	1.6	4756.10	0	105.00	1.0	0.83	96	6.00	1.23	325.60	3.00	JS
7	9:46	504322	94	2849.8	1.4	4756.10	0	104.00	2.0	0.75	90	5.00	0.83	322.60	3.20	JS
8	9:37	504416	98	2851.2	1.6	4756.10	0	102.00	1.0	0.75	85 /106	10.00	0.85	319.40	3.20	JS
9	9:35	504514	50	2851.2	0.8	4756.10	0	101.00	1.0	0.69	96	2.00	1.04	316.20	1.60	JS
10	9:59	504564	96	2852.8	1.5	4756.10	0	100.00	1.0	0.78	94	5.00	0.81	314.60	3.20	JS
11	9:40	504660	43	2853.6	0.6	4756.10	0	99.00	0.5	0.66	89	3.00	0.90	311.40	1.40	JS
12	9:10	504703	81	2855.7	1.3	4756.10	0	98.50	1.0	0.84	86	3.00	0.73	310.00	2.60	JS
13	9:31	504784	103	2857.0	1.6	4756.10	0	97.50	1.5	0.82	83	5.00	1.25	307.40	3.60	JS
14	10:07	504887	45	2858.6	0.7	4756.10	0	96.00	1.0	0.68	78 /90	2.00	0.93	303.80	1.40	JS
15	8:53	504932	95	2859.3	1.5	4756.10	0	95 / 160	1.0	0.70	88	4.00	1.04	302.4 461.4	3.00	JS
16	9:58	505027	95	2860.8	1.4	4756.10	0	159.00	1.0	1.02	84	3.00	0.64	458.40	3.00	JS
17	10:02	505122	92	2862.2	1.5	4756.10	0	158.00	2.0	0.42	81	8.00	2.04	455.40	3.20	JS
18	8:00	505214	88	2863.7	1.3	4756.10	0	156.00	1.0	1.00	73	2.00	1.44	452.20	3.00	IS
19	10:12	505302	95	2865.0	1.5	4756.10	0	155.00	1.0	1.01	71 /122	4.00	0.80	449.20	3.20	JS
20	9:10	505397	98	2866.5	1.5	4756.10	0	154.00	1.0	1.00	118	4.00	1.40	446.00	3.40	JS
21	10:22	505495	99	2868.0	0	4756.10	0	153.00	1.0	1.06	114	4.00	0.86	442.60	3.20	JS
22	9:57	505594	98	2869.6	1.5	4756.10	0	152.00	2.0	0.72	110	4.00	1.74	439.40	3.00	JS
23	9:45	505692	195	2871.1	3	4756.10	0	150.00	3.0	0.97	106	10.00	0.42	436.40	7.60	JS
24	10:24	505887	191	2874.1	3	4756.10	0	147.00	2.5	1.10	96	8.00	1.28	428.80	5.20	JS
25	9:35	506078	44	2877.1	0.7	4756.10	0	144.50	0.5	0.97	88	2.00	0.87	423.60	1.60	JS
26	9:15	506122	94	2877.8	1.5	4756.10	0	144.00	1.0	1.06	86	4.00	0.92	422.00	3.00	JS
27	9:10	506216	96	2879.3	1.5	4756.10	0	143.00	1.5	0.91	82	5.00	0.31	419.00	3.20	JS
28	9:40	506312	56	2880.8	0.8	4756.10	0	141.50	0.5	1.02	77 / 124	3.00	0.73	415.80	1.60	JS
29	9:36	506368	52	2881.6	0.8	4756.10	0	141.00	2.0	0.99	121	3.00	0.81	414.20	1.80	JS
30	9:59	506420	96	2882.4	1.5	4756.10	0	139.00	0.5	0.91	118	3.00	0.94	412.40	3.00	JS
1	9:43	506516		2883.9		4756.10		138.50		0.91	115		0.85	409.40		JS
TOT			2903				0			25.58			32.48			
AVE			94				0			0.80			1.02			
MAX			195				0			1.10			2.04			
MIN			43				0			0.09			0.31			

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 09/01/20 to 09/30/20**	**DMR Due Date:**	**10/25/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150007

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 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						=	91.0					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						=	249.0					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	=	0.417	=	0.669	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:	2020-10-22 08:39 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-10-23 07:36 (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 09/01/20 to 09/30/20	DMR Due Date:	10/25/20	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:	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 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						=	8.0	=	7.73	=	6.89	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						=	7.04			=	7.84	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	=	13.9	=	18.8	26 - lb/d			=	4.5	=	6.0	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	0	--	Sample	=	0.166	=	0.34	26 - lb/d			=	0.06	=	0.109	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	16.0 MO AVG	<=	31.0 DAILY MX	26 - lb/d			<=	1.5 MO AVG	<=	3.0 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	=	0.371	=	0.535	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															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample										T					
					Permit Req.											Req Mon DAILY MX	13 - #/100mL		01/30 - Monthly	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	<	6.97	=	18.6	26 - lb/d			<	2.9	=	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:	2020-10-22 08:44 (Time Zone: -05:00)

Report Last Signed By	
User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-10-23 07:36 (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:	INF Influent Structure	**Discharge:**	**INF-L** INFLUENT MONITORING		

Report Dates & Status

Monitoring Period:	**From 09/01/20 to 09/30/20**	**DMR Due Date:**	**10/25/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006

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 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						=	134.0					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						=	212.0					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						=	6.65	=	11.4			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	=	0.142	=	0.236	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:	2020-10-21 16:38 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-10-23 07:36 (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 09/01/20 to 09/30/20**	**DMR Due Date:**	10/25/20	**Status:**	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	--	Sample						=	7.27	=	6.54	=	6.11	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						=	7.39			=	8.07	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	=	9.8	=	21.6	26 - lb/d			=	5.0	=	11.0	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								=	20.79	=	20.79	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	0	--	Sample	<	0.098	=	0.16	26 - lb/d			<	0.05	=	0.082	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	31.0 MO AVG	<=	98.0 DAILY MX	26 - lb/d			<=	1.5 MO AVG	<=	4.7 DAILY MX	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	0	--	Sample			=	0.137	26 - lb/d					=	0.07	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.			<=	79.0 WKLY AVG	26 - lb/d					<=	3.8 WKLY 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	=	0.58			26 - lb/d			=	0.297			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	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.235	=	0.85	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		CL/OC - Chlorination/Occurances	GR - GRAB
					Permit Req.										<=	0.05 DAILY MX	19 - mg/L	0	CL/OC - Chlorination/Occurances	GR - GRAB
					Value NODI															
					Sample										=	10.0	13 - #/100mL		03/DW - 3 Days Every Week	GR - GRAB

74055	**Coliform, fecal general**	1 - Effluent Gross	0	–	Permit Req.									<=	400.0 DAILY MX	13 - #/100mL	0	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI														
80082	**BOD, carbonaceous [5 day, 20 C]**	1 - Effluent Gross	0	–	Sample	<	5.62	=	9.6	26 - lb/d	<	2.87	=	5.0	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

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:	2020-10-21 16:48 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-10-23 07:36 (Time Zone: -05:00)