



May 5, 2022

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

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

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

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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 are the processes and actions taken during April 2022 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:

- Sable performed yearly lift station maintenance.
- They are still waiting on part quotes and lead times for the items they found that need addressed.
- We put a "grease brick" in Woodstock Road to see if it helps break down the grease that gets sent there.

North WWTP:

- All standard monthly checks/maintenance/cleaning and producers were completed.
- Pulled all floats and transducers, cleaned rags off of them. This has been having to be done more than normal because of the screen being down.
- Because of the screen being down, we are manually raking the bar screen.
- Screen from Sable Mechanical has been ordered and will be put in as soon as the panel comes in.
- Once the weather breaks, we have a lot of small projects that will get started and finished.
- Tested all emergency wash stations and portable generators.
- Cleaned EQ tanks.
- We have had all our staff take some safety and continuing education classes.
- We did "as needed" maintenance on the blowers.

South WWTP:

- All standard monthly checks/maintenance/cleaning and producers were completed.
- Once the weather breaks, we will start on SBR3 at the south plant. We have pretty much everything. We are just waiting on the last few things to come back from Aqua Tec.
- We have received a quote from Aqua Tec for the new sand filter gears. We couldn't get just the gears, and to have them made was going to cost more than the new gear boxes from Aqua Tec. Since these are discontinued, Mitch and I talked and agree to buy both of them, so we have a spare. This is the same gear box on all four filters.
- The rehab on the sand filter tht needs the gear box is done. Just waiting on the gear box.

- Tested all emergency wash stations.
- Sent sludge to drying bed.
- Decanted digesters.

Water System:

- Cleaned well houses.
- Fixed Chem line leak at well 5/6 and well 3.
- All required EPA testing has been done.
- Changed levels in towers to reflect summer.
- Tested interconnect valve when the guys were flushing.

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

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 03/01/22 to 03/31/22	DMR Due Date:	04/25/22	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 "B" IS FORWEEKLY AVERAGE.					
Principal Executive Officer:					
First Name:	Jon	Title:		Telephone:	
Last Name:	Stehr				
No Data Indicator (NODI)					
Form NODI:	-				

NODI				Quantity or Concentration										# of Ex	Frequency of Analysis	Sample Type
Casts	Parameter Name	Monitoring Location	Season & Param, NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Qualifier 4	Value 4	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0 --	Sample Permit Req Value NODI								8.445	19 - mg/L	02/DA - 2 Days Every Week	GR - GRAB	
												6.25 MN WK AV	19 - mg/L	02/DA - 2 Days Every Week	GR - GRAB	
00400	pH	1 - Effluent Gross	0 --	Sample Permit Req Value NODI						6.15		8.07	12 - SU	02/DA - 2 Days Every Week	GR - GRAB	
										8.0 MINIMUM		9.0 MAXIMUM	12 - SU	02/DA - 2 Days Every Week	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0 --	Sample Permit Req Value NODI	13.374	31.675	26 - l/d			7.6		18.0	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
					125.0 MO AVG	250.0 DAILY MX	26 - l/d			12.0 MO AVG		24.0 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2 --	Sample Permit Req Value NODI	0.82	1.751	26 - l/d			0.466		0.995	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
					16.0 MO AVG	49.0 DAILY MX	26 - l/d			1.5 MO AVG		4.7 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	0 --	Sample Permit Req Value NODI		1.675	26 - l/d					0.952	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
						40.0 WKLY AVG	26 - l/d					3.8 WKLY AVG	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0 --	Sample Permit Req Value NODI	0.211	0.367	03 - MGD								99/99 - Continuous	
					Req Mon MO AVG	Req Mon DAILY MX	03 - MGD								99/99 - Continuous	
50060	Chlorine, total residual	1 - Effluent Gross	0 --	Sample Permit Req Value NODI								0.0	19 - mg/L	01/30 - Monthly	GR - GRAB	
												0.05 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0 --	Sample Permit Req Value NODI	3.871	5.279	26 - l/d			2.3		3.0	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
					104.0 MO AVG	209.0 DAILY MX	26 - l/d			10.0 MO AVG		20.0 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	

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

No errors.

Comments

no. 44300000

POPLAR GROVE. VILLAGE OF

User:	abumgamer
Name:	Elaine Bumgarner
E-Mail:	abumgamer@testinc.com
Date/Time:	2022-04-12 09:19 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@iastinc.com
Date/Time:	2022-04-22 10:06 (Time Zone: -05:00)

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 03/01/22 to 03/31/22	DMR Due Date:	04/25/22	Status:	NetDMR Validated						
Considerations for Form Completion											
BOW ID: W0070150007											
Principal Executive Officer											
First Name:	Ion	Title:									
Last Name:	Stear	Telephone:									
No Data Indicator (NOD):											
Form NOD: -											
Code	Parameter Name	Monitoring Location	Season	# Param. NOD	Sample Permit Req Value NOD	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 Permit Req Value NOD		= 250.5 Req Mon MO AVG	19 - mg/L 19 - mg/L	0	02/DA - 2 Days Every Week 02/DA - 2 Days Every Week	CP - COMPOS CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample Permit Req Value NOD		= 485.2 Req Mon MO AVG	19 - mg/L 19 - mg/L	0	02/DA - 2 Days Every Week 02/DA - 2 Days Every Week	CP - COMPOS CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample Permit Req Value NOD	= 0.13 Req Mon MO AVG	= 0.227 Req Mon DAILY MX 03 - MGD			99/99 - Continuous 99/99 - Continuous	
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:	abumgarner										
Name:	Elaine Bumgarner										
E-Mail:	abumgarner@testinc.com										
Date/Time:	2022-04-12 09:20 (Time Zone: -05:00)										
Report Last Signed By											
User:	IONSTEAR										
Name:	Ion Stear										
E-Mail:	istear@testinc.com										
Date/Time:	2022-04-22 10:06 (Time Zone: -05:00)										

DMR Copy of Record

Permit		Permittee		Facility	
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 78 POPLAR GROVE, IL 61065
Permitted Feature		Discharge:			
001 External Outfall		991-0 STP OUTFALL			
Report Dates & Status					
Monitoring Period		DMR Due Date:		Status:	
From 03/01/22 to 03/31/22		04/25/22		Not DMR Validated	
Considerations for Form Completion					
BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.					
Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					
No Data Indicator (NODI)					
Form NODI: -					

Code	Parameter Name	Monitoring Location	Season & Permit NODI	Quantity or Loading				Quality or Concentration				# of Ex	Frequency of Analysis	Sample Type	
				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Qualifier 4				Value 4
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0 --	Sample											
				Permit Req											
				Value NODI											
00400	pH	1 - Effluent Gross	0 --	Sample											
				Permit Req											
				Value NODI											
00530	Solids, total suspended	1 - Effluent Gross	0 --	Sample											
				Permit Req											
				Value NODI											
00800	Nitrogen, total [as N]	1 - Effluent Gross	0 --	Sample											
				Permit Req											
				Value NODI											
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0 --	Sample											
				Permit Req											
				Value NODI											
00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	0 --	Sample											
				Permit Req											
				Value NODI											
00665	Phosphorus, total [as P]	1 - Effluent Gross	0 --	Sample											
				Permit Req											
				Value NODI											
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0 --	Sample											
				Permit Req											
				Value NODI											
50080	Chlorine, total residual	1 - Effluent Gross	0 --	Sample											
				Permit Req											
				Value NODI											
60082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0 --	Sample											
				Permit Req											
				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.

Editor Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User: IONSTEAR
Name: Ion Stear
E-Mail: istear@testinc.com
Date/Time: 2022-04-22 10:04 (Time Zone: -05:00)

Report Last Signed By

User: IONSTEAR
Name: Ion Stear
E-Mail: istear@testinc.com
Date/Time: 2022-04-22 10:06 (Time Zone: -05:00)

DMR Copy of Record

Permit		Permittee:		Facility:												
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:		Discharge:														
INF Influent Structure		INF-L INFLUENT MONITORING														
Report Dates & Status																
Monitoring Period:		DMR Due Date:		Status:												
From 03/01/22 to 03/31/22		04/25/22		NetDMR Validated												
Considerations for Form Completion																
BOW ID: W0070150006																
Principal Executive Officer																
First Name:		Title:		Telephone:												
Last Name:																
Ion																
Stear																
No Data Indicator (NODI)																
Form NODI: --																
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	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								19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.								19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI											
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								60.0	0	03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.								19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI											
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								11.657	0	03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.								46.73	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI								19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	0.128		0.294	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:		ebumgamer														
Name:		Elaine Bumgamer														
E-Mail:		ebumgamer@testinc.com														
Date/Time:		2022-04-12 09:30 (Time Zone: -05:00)														
Report Last Signed By																
User:		IONSTEAR														
Name:		Ion Stear														
E-Mail:		istear@testinc.com														
Date/Time:		2022-04-22 10:06 (Time Zone: -05:00)														

VILLAGE OF POPLAR GROVE - WEST
FOR THE MONTH OF March 2022
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070350
MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
28-Feb	08:10	341569		7624.65		112.00			84			415.50		KL
1-Mar	08:00	341612	61	7625.64	1.43	111.50	0.5	1.15	84	4.00	0.81	414.10	1.50	JS
2-Mar	07:55	341673	63	7627.07	1.42	111.00	1.0	0.94	80	3.00	0.85	412.60	1.70	JS
3-Mar	08:05	341736	52	7628.49	1.22	110.00	1.0	0.85	77	2.00	0.76	410.90	1.50	JS
4-Mar	07:30	341788	45	7629.71	0.46	109.00	1.0	0.50	75	2.00	0.93	409.40	1.50	JS
5-Mar	08:50	341833	65	7630.17	2.06	108.00	1.0	1.10	73	4.00	0.99	407.90	2.20	JS
6-Mar	08:55	341898	49	7632.23	1.13	107.00	0.0	1.28	69	4.00	0.81	405.70	1.20	JS
7-Mar	08:00	341947	44	7633.36	1	107.00	2.0	1.35	65	2.00	1.01	404.50	1.10	JS
8-Mar	07:20	341991	64	7634.36	1.46	105.00	0.0	1.43	63	4.00	1.14	403.40	1.90	KL
9-Mar	07:40	342055	43	7635.82	1.01	105.00	1.0	0.92	59*100	3.00	0.87	401.50	1.40	JS
10-Mar	08:15	342098	49	7636.83	1.13	104.00	0.0	1.02	97	4.00	0.76	400.10	1.50	JS
11-Mar	07:15	342147	43	7637.96	0.98	104.00	1.0	0.84	93	2.00	1.18	398.60	1.40	KL
12-Mar	07:50	342190	45	7638.94	1.04	103.00	1.0	0.97	91	1.00	1.27	397.20	1.40	KL
13-Mar	08:10	342235	66	7639.98	1.54	102.00	1.0	1.72	90	4.00	0.93	395.80	2.40	KL
14-Mar	08:15	342301	51	7641.52	1.12	101.00	1.0	1.28	86	3.00	1.08	393.40	1.60	JS
15-Mar	07:35	342352	50	7642.64	1.16	100.00	0.5	1.01	83	3.00	1.07	391.80	1.60	JS
16-Mar	07:35	342402	47	7643.8	1.08	99.50	0.5	1.04	80	1.00	0.97	390.20	1.80	JS
17-Mar	08:15	342449	54	7644.88	1.3	99.00	0.5	1.17	79	4.00	1.00	388.40	1.50	JS
18-Mar	07:30	342503	23	7646.18	0.47	98.50	0.5	1.09	75	2.00	0.82	386.90	0.60	JS
19-Mar	08:25	342526	64	7646.65	1.49	98.00	1.0	1.26	73	2.00	0.85	386.30	1.80	JS
20-Mar	08:45	342590	48	7648.14	1.02	97.00	0.5	0.99	71	4.00	0.82	384.50	1.60	JS
21-Mar	07:55	342638	45	7649.16	1.11	96.50	0.5	1.23	67	1.00	0.75	382.90	1.50	JS
22-Mar	08:10	342683	31	7650.27	0.71	96.00	1.0	1.21	66	3.00	0.93	381.40	1.10	JS
23-Mar	07:35	342714	40	7650.98	0.91	95.00	0.0	1.22	63	3.00	0.93	380.30	1.20	JS
24-Mar	08:15	342754	40	7651.89	0.95	95.00	1.0	0.79	60	1.00	0.92	379.10	1.00	JS
25-Mar	07:05	342794	45	7652.84	1.05	94.00	0.0	1.31	59	6.00	1.72	378.10	1.10	KL
26-Mar	08:20	342839	40	7653.89	0.91	94.00	1.0	1.16	53	2.00	1.99	377.00	1.50	KL
27-Mar	07:30	342879	46	7654.8	1.02	93.00	0.0	1.07	51	1.00	2.01	375.50	0.90	KL
28-Mar	07:50	342925	48	7655.82	1.11	93.00	1.0	0.96	50*100	1.00	1.14	374.60	1.60	JS
29-Mar	07:15	342973	44	7656.93	1.04	92.00	0.0	0.72	99	4.00	1.18	373.00	1.50	KL
30-Mar	08:00	343017	28	7657.97	0.43	92.00	1.0	0.79	95	2.00	0.69	371.50	1.40	JS
31-Mar	06:30	343045	43	7658.4	1.19	91.00	0.0	0.65	93	3.00	1.00	370.10	1.00	JS
1-Apr	07:45	343088		7659.59		91.00		0.54	90		0.98	369.10		JS
TOT			1433					33.56			33.16			
AVE			48					1.05			1.04			
MAX			66					1.72			2.01			
MIN			23					0.50			0.69			

SIGNATURE:
PHONE: 815-224-1650

Jon Stear

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF March 2022
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070300
MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 5		Hour Meter Well 6		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
28-Feb	08:40	549528		3560.6		4560.20		145.00			70			450.80		KL
1-Mar	09:00	549674	57	3561.7	1	4560.20	0	144.00	1.0	1.42	68	4.00	0.88	449.20	1.00	JS
2-Mar	07:10	549731	58	3562.7	0.9	4560.20	0	143.00	1.0	1.24	64	3.00	0.50	448.20	0.60	JS
3-Mar	07:05	549789	76	3563.6	1.2	4560.20	0	142.00	1.0	1.32	61*101	3.00	0.60	447.60	1.60	JS
4-Mar	08:45	549865	53	3564.8	0.8	4560.20	0	141.00	1.0	1.01	98	3.00	0.82	446.00	1.00	JS
5-Mar	08:15	549918	72	3565.6	1.2	4560.20	0	140.00	1.0	1.39	95	4.00	0.65	445.00	1.00	JS
6-Mar	09:25	549990	77	3566.8	1.2	4560.20	0	139.00	1.0	1.35	91	4.00	0.75	444.00	1.40	JS
7-Mar	08:55	550067	59	3568	1	4560.20	0	138.00	1.0	1.25	87	5.00	0.73	442.60	0.80	JS
8-Mar	08:10	550126	73	3569	1.1	4560.20	0	137.00	1.0	1.09	82	1.00	0.82	441.80	1.40	KL
9-Mar	08:45	550199	59	3570.1	1	4560.20	0	136.00	1.0	1.23	81	5.00	0.39	440.40	0.80	JS
10-Mar	07:10	550258	60	3571.1	0.9	4560.20	0	135.00	2.0	1.42	76	4.00	0.72	439.60	1.40	JS
11-Mar	08:05	550318	71	3572	1.2	4560.20	0	133.00	1.0	1.10	72	3.00	1.58	438.20	1.00	KL
12-Mar	08:10	550389	70	3573.2	1.1	4560.20	0	132.00	1.0	1.19	69	1.00	0.93	437.20	1.80	KL
13-Mar	08:30	550459	89	3574.3	1.4	4560.20	0	131.00	1.0	1.21	68	9.00	2.36	435.40	2.40	KL
14-Mar	09:10	550548	54	3575.7	0.8	4560.20	0	130.00	1.0	1.08	59	3.00	0.11	433.00	0.00	JS
15-Mar	08:30	550602	61	3576.5	1	4560.20	0	129.00	1.0	1.16	56/101	2.00	0.36	433.00	0.80	JS
16-Mar	08:30	550663	58	3577.5	0.9	4560.20	0	128.00	1.0	1.12	99	3.00	0.90	432.20	1.20	JS
17-Mar	07:05	550721	71	3578.4	1.2	4560.20	0	127.00	0.5	1.01	96	4.00	0.88	431.00	1.00	JS
18-Mar	08:30	550792	58	3579.6	0.9	4560.20	0	126.50	1.5	0.95	92	4.00	0.45	430.00	0.80	JS
19-Mar	08:50	550850	51	3580.5	0.9	4560.20	0	125.00	0.0	1.11	88	4.00	0.70	429.20	1.00	JS
20-Mar	09:00	550901	87	3581.4	1.3	4560.20	0	125.00	2.0	1.25	84	2.00	0.67	428.20	2.00	JS
21-Mar	08:48	550988	74	3582.7	1.2	4560.20	0	123.00	1.0	1.22	82	3.00	0.74	426.20	1.60	JS
22-Mar	08:55	551062	60	3583.9	0.9	4560.20	0	122.00	1.0	1.16	79	4.00	0.77	424.60	1.00	JS
23-Mar	08:20	551122	59	3584.8	0.9	4560.20	0	121.00	1.0	1.18	75	3.00	0.67	423.60	1.00	JS
24-Mar	07:30	551181	62	3585.7	1	4560.20	0	120.00	1.0	1.11	72	3.00	0.68	422.60	1.00	JS
25-Mar	07:50	551243	66	3586.7	1.1	4560.20	0	119.00	1.0	1.28	69	7.00	0.88	421.60	1.00	KL
26-Mar	08:40	551309	72	3587.8	1.1	4560.20	0	118.00	0.0	1.28	62	2.00	1.23	420.60	1.40	KL
27-Mar	08:00	551381	76	3588.9	1.2	4560.20	0	118.00	2.0	1.38	60	4.00	1.19	419.20	1.60	KL
28-Mar	08:40	551457	54	3590.1	0.9	4560.20	0	116.00	1.0	0.94	56	5.00	0.64	417.60	1.60	JS
29-Mar	07:50	551511	70	3591	1.1	4560.20	0	115.00	1.0	1.15	51	1.00	0.70	416.00	1.60	KL
30-Mar	08:50	551581	44	3592.1	0.7	4560.20	0	114.00	0.5	1.23	50*100	1.00	1.01	414.40	0.60	JS
31-Mar	06:45	551625	62	3592.8	1	4560.20	0	113.50	0.5	1.08	99	4.00	0.78	413.80	1.00	JS
1-Apr	09:30	551687		3593.8		4560.20		113.00		0.95	95		0.64	412.80		JS
TOT			1951				0			37.86			25.73			
AVE			65				0			1.18			0.80			
MAX			89				0			1.42			2.36			
MIN			44				0			0.94			0.11			

SIGNATURE:
PHONE: 815-224-1650

Jon Stear

VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF March 2022
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070150
MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 2		Hour Meter Well 3		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
28-Feb	07:45	314011138.1		10062.1	0	26846.70		143.00			64			42.50		KL
1-Mar	07:30	314125618.5	139337	10062.1	0	26852.40	7.00	142.00	1.0	1.16	62	6.00	0.73	42.00	0.0	JS
2-Mar	08:45	314264955.5	123157	10062.1	0	26859.40	6.10	141.00	2.0	1.24	56*100	4.00	0.50	42.00	0.8	JS
3-Mar	08:35	314388112.5	94518	10062.1	0	26865.50	4.70	139.00	1.0	1.18	96	4.00	0.65	41.25	0.8	JS
4-Mar	07:10	314482630.5	129531.1	10062.1	0	26870.20	6.40	138.00	1.0	1.08	92	6.00	0.60	40.50	0.3	JS
5-Mar	08:30	314612161.6	124524.6	10062.1	0	26876.60	6.20	137.00	1.0	1.24	86	5.00	0.87	40.25	0.3	JS
6-Mar	08:45	314736686.2	157838.1	10062.1	0	26882.80	6.90	136.00	2.0	1.15	81	5.00	1.89	40.00	0.0	JS
7-Mar	07:25	314894524.3	97742.9	10062.1	0	26889.70	5.80	134.00	1.0	1.10	76	6.00	0.75	40.00	1.5	JS
8-Mar	07:10	314992267.2	119375.8	10062.1	0	26895.50	6.00	133.00	1.0	0.94	70	6.00	0.77	38.50	1.5	KL
9-Mar	07:15	315111643	140818.1	10062.1	0	26901.50	7.00	132.00	2.0	1.02	64	5.00	0.70	37.00	0.5	JS
10-Mar	08:45	315252461.1	89056.6	10062.1	0	26908.50	4.40	130.00	1.0	1.10	59	7.00	0.70	36.50	0.0	JS
11-Mar	07:00	315341517.7	123878.9	10062.1	0	26912.90	6.10	129.00	1.0	0.92	52	4.00	0.81	36.50	1.5	KL
12-Mar	08:00	315465396.6	123110.9	10062.1	0	26919.00	6.20	128.00	1.0	1.12	48	6.00	1.00	35.00	1.5	KL
13-Mar	08:00	315588507.5	157173.7	10062.1	0	26925.20	7.80	127.00	2.0	0.94	42	7.00	0.80	33.50	2.3	KL
14-Mar	07:45	315745681.2	107359.7	10062.1	0	26933.00	5.30	125.00	0.0	1.09	35*100	4.00	1.13	31.25	1.3	JS
15-Mar	07:15	315853040.9	119439.7	10062.1	0	26938.30	6.00	125.00	1.0	0.97	96	5.00	0.85	30.00	0.5	JS
16-Mar	07:15	315972480.6	157545.8	10062.1	0	26944.30	7.90	124.00	2.0	0.74	91	6.00	0.91	29.50	1.5	JS
17-Mar	09:00	316130026.4	88453.5	10062.1	0	26952.20	4.30	122.00	1.0	0.99	85	4.00	1.07	28.00	1.0	JS
18-Mar	07:15	316218479.9	115168.9	10062.1	0	26956.50	5.80	121.00	1.0	1.07	81	5.00	1.08	27.00	0.8	JS
19-Mar	08:10	316333648.8	141826.2	10062.1	0	26962.30	7.00	120.00	1.0	0.96	76	6.00	1.14	26.25	0.0	JS
20-Mar	08:30	316475475	142143.9	10062.1	0	26969.30	7.10	119.00	2.0	1.09	70	6.00	0.73	26.25	0.3	JS
21-Mar	07:30	316617618.9	109014.5	10062.1	0	26976.40	5.40	117.00	2.0	1.02	64	4.00	1.33	26.00	0.0	JS
22-Mar	07:15	316726633.4	124221.4	10062.1	0	26981.80	6.20	115.00	1.0	1.03	60*100	4.00	0.95	26.00	0.0	JS
23-Mar	07:15	316850854.8	152032.4	10062.1	0	26988.00	7.60	114.00	1.0	1.11	96	7.00	0.81	26.00	1.5	JS
24-Mar	08:50	317002887.2	77990.8	10062.1	0	26995.60	3.80	113.00	1.0	1.10	89	7.00	1.58	24.50	1.5	JS
25-Mar	06:45	317080878	117432	10062.1	0	26999.40	5.90	112.00	1.0	1.00	82	2.00	0.91	23.00	1.0	KL
26-Mar	07:00	317198310	127611.7	10062.1	0	27005.30	6.30	111.00	1.0	1.00	80	7.00	0.70	22.00	1.5	KL
27-Mar	07:00	317325921.7	140913.7	10062.1	0	27011.60	7.00	110.00	1.0	0.99	73	4.00	1.31	20.50	0.0	KL
28-Mar	07:15	317466835.4	112470.7	10062.1	0	27018.60	5.60	109.00	1.0	0.93	69	7.00	0.96	20.50	0.3	JS
29-Mar	07:00	317579306.1	137206.7	10062.1	0	27024.20	6.80	108.00	2.0	1.03	62	3.00	0.75	20.25	0.0	KL
30-Mar	07:40	317716512.8	97866.4	10062.1	0	27031.00	4.90	106.00	1.0	1.05	59	3.00	0.72	20.25	0.0	JS
31-Mar	06:18	317814379.2	120606.5	10062.1	0	27035.90	5.90	105.00	1.0	0.79	55*100	4.00	0.97	20.25	0.0	JS
1-Apr	07:15	317934985.7		10062.1		27041.8		104.0		0.94	96		0.49	20.25		JS
TOT			3688761				184			33.09			29.16			
AVE			122959				6			1.03			0.91			
MAX			157838				8			1.24			1.89			
MIN			77991				4			0.74			0.50			

SIGNATURE:
PHONE: 815-224-1650

Jon Stear

VILLAGE OF POPLAR GROVE
FOR THE MONTH OF March 2022

DAILY DISTRIBUTION MONITORING REPORT

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

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	Elm	0.92		1.06	Tower	1.21		0.79	Tower	0.82		0.97	JS			0.92	0.64	0.57
2	Tower	1.24		0.5	Garage	0.57		1.12	Tower	0.82		0.85	JS			0.51	0.67	0.51
3	Village	0.22		1.31	Tower	1.01		0.82	Tower	0.95		1	JS			0.42	0.73	0.50
4	Tower	1.08		0.6	Tower	0.65		0.78	Tower	0.96		0.79	JS			0.80	0.69	0.51
5																0.57	0.73	0.23
6																0.76	0.69	0.57
7	Elm	0.72		1.59	Gas Station	0.44		0.94	Tower	1.07		1.23	JS			0.16	0.48	0.40
8	Tower	0.94		0.77	Tower	0.86		2.48	Tower	1.02		0.94	KL			1.60	1.60	0.40
9	Tower	1.02		0.7	Tower	0.84		1.97	Tower	0.66		0.67	JS			2.00	0.51	0.45
10	Village	0.3		1.04	Tower	0.85		2.01	Tower	0.77		1.1	JS			0.18	0.84	0.60
11	Tower	0.92		0.81	Tower	0.84		1.18	Tower	1.01		1.06	KL			0.19	0.98	0.62
12																2.01	1.10	0.73
13																2.00	1.40	0.78
14	Elm	0.72		1.28	Gas Station	0.42		0.99	Tower	0.94		0.97	JS			2.00	0.86	0.63
15	Tower	0.97		0.85	Tower	0.84		0.94	Tower	0.84		1.44	JS			2.00	1.20	0.77
16	Tower	0.74		0.91	Tower	0.98		0.98	Tower	0.86		0.89	JS			2.10	1.20	0.73
17	Village	0.34		1.22	Garage	0.59		1.01	Tower	0.77		0.95	JS			2.10	0.94	0.76
18	Tower	1.07		1.08	Tower	0.91		0.97	Tower	0.82		0.89	JS			2.00	0.96	0.62
19																0.21	0.81	0.28
20																0.22	0.98	0.21
21	Elm	0.7		1.53	Tower	1.21		0.99	Tower	0.92		1.06	JS			0.14	0.93	0.67
22	Tower	1.03		0.95	Gas Station	0.5		0.94	Tower	0.81		1.06	JS			0.18	0.76	0.60
23	Tower	1.11		0.81	Tower	1.1		0.86	Tower	0.96		0.99	JS			0.21	0.82	0.70
24	Village	0.35		1.15	Garage	1.06			Tower	0.8		1.02	JS			2.00	0.55	0.50
25	Tower	1		0.91	Tower	1.31			Tower	0.78		0.93	KL			1.60	1.10	0.56
26																2.00	1.40	0.63
27																1.50	1.00	0.59
28	Tower	0.93		0.76	Gas Station	0.17			Tower	0.6		0.38	JS			0.15	0.79	0.52
29	Tower	1.03		0.75	Tower	0.72			Tower	0.83		0.8	KL			0.21	0.82	0.62
30	Elm	0.72		0.96	Tower	0.67			Tower	0.87		1.07	JS			0.17	0.64	0.64
31	Tower	0.79		0.97	Tower	0.65			Tower	0.84		1	JS			0.15	0.60	0.54

Signature:

Ion Stear

PHONE: 815-224-1630