



March 3, 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

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 January 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:

- Pulled up and cleaned floats.
- We had a small blockage in the sanitary main by Ray St. lift station. We worked with public works to get it pumped out and cleared.
- Sable is scheduled to come out and perform yearly lift station maintenance.

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 within the next month.
- We had the last sand filter pump that hasn't had any work done to it, fail. It will be a simple fix. New seals, bearings, and o-rings.
- Once the weather breaks, we will have a lot of small projects that will get started and finished.
- Tested all emergency wash stations.

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 finished rehabbing the UV lights. Ordered some new bulbs and new sleeves.
- We have been rehabbing the sand filters. We had Sable rebuild one pump and we ordered 2 more from Aqua Tec to replace the pumps that are in one filter. Those should be here within the month.
- Tested all emergency wash stations.
- Sent sludge to drying bed.
- Decanted digesters.

- So far, we have only had the air lines freeze once, and it was an easy fix.

Water System:

- Cleaned well houses.
- We assisted public works with a water service leak on Iron Wood Dr.
- Fixed 2 chemical injectors at well 4.
- Tested all emergency wash stations.
- We replaced a bad furnace at well 4.
- Still waiting on new pipe for well 5/6 because there is a part that's in bad shape.

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

DMR Copy of Record

Permit: Permit #: IL0023451 Major: INF		Permittee: PO BOX 1 POPLAR GROVE, IL 61065		Facility: POPLAR GROVE - NORTH WWTP, VILLAGE OF 205 EDSON RD POPLAR GROVE, IL 61065	
Permitted Feature: INF Influent Structure		Discharge: INF-L INFLUENT MONITORING			
Report Dates & Status Monitoring Period: From 01/01/22 to 01/31/22		DMR Due Date: 02/25/22		Status: Not DMR Validated	
Considerations for Form Completion BOW ID: W0070150007					
Principal Executive Officer First Name: Ion Last Name: Stear		Title:			
No Data Indicator (NODI)					
Form NODI:		Telephone:			

Code	Parameter Name	Municipality Location	Season & Path: NODI	Sample Permit Req	Value NODI	Quality as Leaching	Value 1	Unit	Quality as Concentration	Value 2	Unit	Quality as Concentration	Value 3	Unit	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-											02DA - 2 Days Every Week CP - COMPOS	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	-											02DA - 2 Days Every Week CP - COMPOS	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-											02DA - 2 Days Every Week CP - COMPOS	CP - COMPOS

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: eburgamer	Name: Elaine BURGAMER
E-Mail: eburgamer@vestinc.com	Date/Time: 2022-02-14 11:22 (Time Zone: -06:00)
Report Last Signed By User: IONSTEAR	Name: Ion Stear
E-Mail: istear@vestinc.com	Date/Time: 2022-02-21 09:02 (Time Zone: -06:00)

DMR Copy of Record

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

Report Dates & Status: From 01/01/22 to 01/31/22
Monitoring Period: 02/25/22
Status: NetDMR Validated
Considerations for Form Completion: BOW ID: W0070150007: DMF LOAD LIMITS DISPLAYED MONITORING LOCATION *1* IS MONTHLY AVERAGE AND DAILY MAXIMUM. MONITORING LOCATION *9* IS FOR WEEKLY AVERAGE.

Principal Executive Officer: Ion Sleat
Last Name: Ion Sleat
Title: Telephone:
Form NOD: No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location	Screen #	Permit NOD	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Unit	Quantity or Limiting	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample Permit Req. Value NOD	9.078	=	8.666	=	8.33	19 - mg/L	Quantity of Concentration	02DA - 2 Days Every Week GR - GRAB	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	6.0 MO AV MN >=	>=	4.5 MN WK AV >=	>=	4.0 DAILY MN	19 - mg/L	Quantity of Concentration	02DA - 2 Days Every Week GR - GRAB	GR - GRAB
00500	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	6.45	=	7.87	=	9.0 MAXIMUM	12 - SU	Quantity of Concentration	02DA - 2 Days Every Week GR - GRAB	GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-	Sample Permit Req. Value NOD	17.839	=	54.216	=	250.0 DAILY MX	26 - lb/d	Quantity of Concentration	02DA - 2 Days Every Week CP - COMPOS	CP - COMPOS
00650	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	0.222	=	0.322	=	56.0 DAILY MX	26 - lb/d	Quantity of Concentration	02DA - 2 Days Every Week CP - COMPOS	CP - COMPOS
00660	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	4.197	=	10.483	=	209.0 DAILY MX	26 - lb/d	Quantity of Concentration	02DA - 2 Days Every Week CP - COMPOS	CP - COMPOS
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	4.197	=	10.483	=	209.0 DAILY MX	26 - lb/d	Quantity of Concentration	02DA - 2 Days Every Week CP - COMPOS	CP - COMPOS

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

Code	Parameter Name	Monitoring Location	Field	Type	Description	Auto Knowledge
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Attachments: No attachments
Report Last Saved By: POPLAR GROVE, VILLAGE OF
User: ebumgamer
Name: Elaine Bumgarner
E-Mail: ebumgamer@tstinc.com
Date/Time: 2022-02-14 11:21 (Time Zone: -06:00)

DMR Copy of Record

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:	DMR Due Date:	Status:
	From 01/01/22 to 01/31/22	02/25/22	NetDMR Validated
Considerations for Form Completion			
BOW ID: W0070150006			
Principal Executive Officer			
First Name:	Ion	Title:	
Last Name:	Stear	Telephone:	
No Data Indicator (NODI)			

Code	Parameter Name	Monitoring Location	Session #	Permit NODI	Sample Permit Req	Value NODI	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 NODI										
					Permit Req	Value NODI										
00330	Solids, total suspended	G - Raw Sewage Influent	0	-												
					Sample Permit Req	Value NODI										
					Permit Req	Value NODI										
00685	Phosphorus, total [as P]	1 - Effluent Gross	0	-												
					Sample Permit Req	Value NODI										
					Permit Req	Value NODI										
50050	Flow, In conduit or thru treatment plant	G - Raw Sewage Influent	0	-												
					Sample Permit Req	Value NODI										
					Permit Req	Value NODI										

Submission Note	
Edit Check Errors	
No errors	
Comments	
Attachments	
No Attachments	
Report Last Saved By	ebungamer
POPLAR GROVE, VILLAGE OF	Elaine Bungamer
User:	ebungamer@teslinc.com
E-Mail:	2022-02-14 11:26 (Time Zone: -06:00)
Date/Time:	
Report Last Signed By	IONSTEAR
User:	Ion Stear
Name:	istear@teslinc.com
E-Mail:	2022-02-21 09:02 (Time Zone: -06:00)
Date/Time:	

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.

DMR Copy of Record

Permit		IL0071447		POPULAR GROVE, VILLAGE OF		POPULAR GROVE SOUTH STP, VILLAGE OF	
Permit #:		Major:		Permittee Address:		Facility Location:	
		Yes		200 S HILL ST POPULAR GROVE, IL 61065		12211 STATE ROUTE 76 POPULAR GROVE, IL 61065	
Permitted Feature:		001 External Outfall		Discharge:		001-S SEMI ANNUAL SAMPLING @ 001	
Report Dates & Status				Status:			
Monitoring Period: From 08/01/21 to 01/31/22				02/25/22			
Considerations for Form Completion				NetDMR Validated			
BOW ID: W0070150006							
Principal Executive Officer							
First Name: Ion				Telephone:			
Last Name: Sleas							
No Data Indicator (NODI)							
Form NODI:							
Parameter		Monitoring Location		Quantity as Collected		Quality as Collected	
Code		Value		Qualifier 1 Qualifier 2 Value 3 Units		Qualifier 1 Qualifier 2 Value 3 Units	
00586 Oil & Grease		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
00720 Cyanide, total [as CN]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
00722 Cyanide, free [amenable to chlorination]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
00951 Fluoride, total [as F]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
01002 Arsenic, total [as As]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
01007 Barium, total [as Ba]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
01027 Cadmium, total [as Cd]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
01032 Chromium, hexavalent [as Cr]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
01034 Chromium, total [as Cr]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
01042 Copper, total [as Cu]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
01045 Iron, total [as Fe]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
01046 Iron, dissolved [as Fe]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	
01051 Lead, total [as Pb]		1 - Effluent Gross 0		Sample Permit Req Value NODI		Sample Permit Req Value NODI	

01055	Manganese, total [as Mn]	1 - Effluent Gross	0	-	Sample Parent Req Value NODC														0.00655 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0959 - See Permit 0959 - See Permit	24 - COMP24 24 - COMP24
01067	Nickel, total [as Ni]	1 - Effluent Gross	0	-	Sample Parent Req Value NODC														0.000974 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0959 - See Permit 0959 - See Permit	24 - COMP24 24 - COMP24
01077	Silver, total [as Ag]	1 - Effluent Gross	0	-	Sample Parent Req Value NODC														0.00168 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0959 - See Permit 0959 - See Permit	24 - COMP24 24 - COMP24
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	-	Sample Parent Req Value NODC														0.0373 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0959 - See Permit 0959 - See Permit	24 - COMP24 24 - COMP24
01147	Selenium, total [as Se]	1 - Effluent Gross	0	-	Sample Parent Req Value NODC														0.00216 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0959 - See Permit 0959 - See Permit	24 - COMP24 24 - COMP24
32730	Phenolics, total recoverable	1 - Effluent Gross	0	-	Sample Parent Req Value NODC														0.0 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0959 - See Permit 0959 - See Permit	GR - GRAB GR - GRAB
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	-	Sample Parent Req Value NODC														0.0 Req Mon DAILY MX 3M - ng/L	3M - ng/L	0959 - See Permit 0959 - 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

POPULAR GROVE, VILLAGE OF

User

ebungamer

Elaine Bungamer

ebungamer@tesinc.com

Date/Time: 2022-02-22 09:41 (Time Zone: -06:00)

Report Last Signed By

IONSTEAR

Ion Stear

isteear@tesinc.com

Date/Time: 2022-02-28 15:55 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: IL0071447
Major: Yes
Permitted Feature: 001 External Outfall
Facility: POPLAR GROVE VILLAGE OF
12211 STATE ROUTE 76
POPLAR GROVE, IL 61065

Report Dates & Status
Monitoring Period: From 01/01/22 to 01/31/22
Status: NetDMR Validated
Considerations for Form Completion
BOW ID: W007015006: DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer
First Name: Ion
Last Name: Stear
Title:
Telephone:
No Data Indicator (NODI)

Sample	Parameter	Monitoring Location	Sample & Param. NODI	Sample Permit Req	Value NODI	Quantity or Concentration	Qualifier 1	Qualifier 2	Qualifier 3	Units	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-								
00400	pH	1 - Effluent Gross	0	-								
00500	Solids, total suspended	1 - Effluent Gross	0	-								
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	-								
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	-								
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-								
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-								
50060	Chlorine, total residual	1 - Effluent Gross	0	-								
80062	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-								

Submission Note
If a parameter row does not contain any values for the Sample or 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
Report Last Saved By
POPLAR GROVE, VILLAGE OF
User: ebungamer

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

IL0070350

MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed		Free	Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	lbs Used		Scale	lbs Used	PO4 mg/L	Scale	
31-Dec	07:30	338836	65	7561.92	1.49	80.00	1.0	1.99	109	6.00	1.00	357.20	KL
1-Jan	07:20	338901	43	7563.41	1	79.00	1.0	0.58	103	1.00	2.69	355.30	KL
2-Jan	09:00	338944	44	7564.41	1.01	78.00	1.0	0.55	102	2.00	1.46	354.20	KL
3-Jan	07:40	338988	45	7565.42	0.99	77.00	0.0	0.74	100	1.00	1.06	352.90	KL
4-Jan	08:00	339033	49	7566.41	1.15	77.00	0.0	0.76	99	1.00	1.05	351.60	JS
5-Jan	08:00	339082	41	7567.56	0.9	77.00	1.0	0.50	98	3.00	0.91	349.90	JS
6-Jan	09:00	339123	27	7568.46	0.61	76.00	0.0	0.33	95	3.00	0.89	348.80	JS
7-Jan	08:00	339150	50	7569.07	1.2	76.00	1.0	0.81	92	1.00	0.97	348.00	JS
8-Jan	09:15	339200	49	7570.27	1.08	75.00	1.0	0.46	91	2.00	1.26	346.50	JS
9-Jan	09:30	339249	48	7571.35	1.11	74.00	1.0	0.94	89	3.00	0.99	344.80	JS
10-Jan	07:55	339297	32	7572.46	0.82	74.00	1.0	0.85	86	2.00	1.00	343.60	JS
11-Jan	07:05	339329	51	7573.28	1.06	73*130	2.0	0.55	84	3.00	1.02	342.6/436.4	JS
12-Jan	08:25	339380	45	7574.34	1.03	128.00	0.0	0.82	81	0.00	0.88	434.70	JS
13-Jan	08:55	339425	31	7575.37	0.76	128.00	0.0	1.41	81	1.00	1.08	433.20	JS
14-Jan	07:30	339456	45	7576.13	1.03	128.00	0.0	1.47	80	1.00	1.09	432.40	KL
15-Jan	07:30	339501	41	7577.16	1	128.00	1.0	1.63	79	1.00	1.85	431.20	KL
16-Jan	08:15	339542	48	7578.16	1.04	127.00	1.0	1.87	78	6.00	1.97	429.90	KL
17-Jan	05:40	339590	48	7579.2	1.03	126.00	0.0	1.81	72	0.00	1.67	428.50	KL
18-Jan	08:15	339638	51	7580.23	1.21	126.00	1.0	1.05	72/102	2.00	1.28	426.90	JS
19-Jan	07:45	339689	27	7581.44	0.64	125.00	0.0	1.05	100	1.00	1.26	425.40	JS
20-Jan	07:45	339716	51	7582.08	1.14	125.00	1.0	0.63	99	4.00	1.08	424.70	JS
21-Jan	08:45	339767	51	7583.22	1.17	124.00	0.0	0.43	95	2.00	1.29	423.00	JS
22-Jan	09:10	339818	43	7584.39	1	124.00	1.0	1.71	93	2.00	1.09	421.70	JS
23-Jan	09:10	339861	49	7585.39	1.12	123.00	0.0	1.20	91	2.00	1.01	420.20	JS
24-Jan	08:50	339910	27	7586.51	0.64	123.00	1.0	0.68	89	1.00	1.24	418.80	JS
25-Jan	07:30	339937	64	7587.15	1.41	122.00	0.0	1.63	88	6.00	0.91	417.90	KL
26-Jan	07:55	340001	24	7588.56	0.62	122.00	2.0	0.70	82	1.00	1.01	416.20	JS
27-Jan	06:20	340025	66	7589.18	1.52	120.00	0.0	1.85	81	1.00	1.03	415.40	KL
28-Jan	07:35	340091	22	7590.7	0.52	120.00	1.0	1.13	80	1.00	0.89	413.10	KL
29-Jan	07:30	340113	44	7591.22	1.01	119.00	1.0	1.98	79	1.00	1.15	412.40	KL
30-Jan	07:40	340157	66	7592.23	1.51	118.00	0.5	1.96	78	2.00	1.94	411.00	KL
31-Jan	08:15	340223	31	7593.74	0.65	117.50		1.12	76	3.00	1.20	408.80	JS
1-Feb	07:55	340254		7594.39		117.00		1.43	73		0.73	407.80	JS
TOT			1387					36.62			39.95		
AVE			45					1.11			1.21		
MAX			66					1.99			2.69		
MIN			22					0.33			0.73		

SIGNATURE:  Jon Stear
 PHONE: 815-224-1650

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

HL0070300
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	08:20	545583	58	3496.8	0.9	4750.20	0	105.00	1.0	0.77	100	1.00	1.10	343.2	0.60	KL		
1-Jan	07:40	545641	84	3497.7	1.4	4750.20	0	104.00	0.5	1.04	99	6.00	0.92	342.60	1.40	KL		
2-Jan	09:30	545725	71	3499.1	1.1	4750.20	0	103.50	1.5	0.73	93	2.00	1.06	341.20	1.00	KL		
3-Jan	07:50	545796	70	3500.2	1.3	4750.20	0	102.00	0.0	0.66	91	1.00	0.91	340.20	1.80	KL		
4-Jan	08:55	545866	78	3501.5	1.1	4750.20	0	102.00	1.0	0.84	90	4.00	0.70	338.40	1.00	JS		
5-Jan	09:05	545944	61	3502.6	0.9	4750.20	0	101.00	2.0	0.90	86	1.00	0.84	337.40	1.20	JS		
6-Jan	07:30	546005	70	3503.5	1.2	4750.20	0	99.00	1.0	0.74	85	3.00	0.71	336.20	1.00	JS		
7-Jan	09:55	546075	55	3504.7	0.8	4750.20	0	98.00	0.5	0.77	82	1.00	0.76	335.20	1.00	JS		
8-Jan	09:40	546130	76	3505.5	1.2	4750.20	0	97.50	1.5	0.98	81	2.00	0.97	334.20	1.60	JS		
9-Jan	10:00	546206	95	3506.7	1.5	4750.20	0	96.00	1.0	1.03	79	4.00	0.88	332.60	1.60	JS		
10-Jan	09:00	546301	67	3508.2	1.1	4750.20	0	95.00	1.0	0.77	75	2.00	1.02	331.00	1.20	JS		
11-Jan	09:00	546368	50	3509.3	0.8	4750.20	0	94*160	1.0	0.71	73	2.00	0.74	329.8/463.0	1.20	JS		
12-Jan	08:40	546418	72	3510.1	1.1	4750.20	0	159.00	1.0	0.98	71	3.00	0.76	461.80	1.20	KL		
13-Jan	07:30	546490	60	3511.2	1	4750.20	0	158.00	1.0	1.01	68	1.00	0.88	460.60	0.80	JS		
14-Jan	08:15	546550	68	3512.2	1	4750.20	0	157.00	2.0	0.96	67	5.00	0.84	459.80	1.20	KL		
15-Jan	08:00	546618	75	3513.2	1.2	4750.20	0	155.00	1.0	1.32	62	1.00	1.08	458.60	0.40	KL		
16-Jan	09:00	546693	62	3514.4	1	4750.20	0	154.00	0.0	0.94	61	2.00	0.85	458.20	0.60	KL		
17-Jan	08:20	546755	89	3515.4	1.5	4750.20	0	154*160	0.0	0.90	59	3.00	0.65	457.60	1.40	KL		
18-Jan	07:20	546844	70	3516.9	1.1	4750.20	0	160.00	1.0	1.01	56/101	2.00	0.68	456.20	1.00	JS		
19-Jan	08:50	546914	63	3518	0	4750.20	0	159.00	0.5	1.85	99	3.00	0.72	455.20	0.80	JS		
20-Jan	09:30	546977	59	3518	1.9	4750.20	0	158.50	1.5	1.58	96	1.00	0.84	454.40	1.20	JS		
21-Jan	07:30	547036	69	3519.9	1.1	4750.20	0	157.00	1.0	1.49	95	3.00	0.75	453.20	1.40	JS		
22-Jan	10:00	547105	70	3521	1.1	4750.20	0	156.00	1.0	1.53	92	3.00	0.66	451.80	0.80	JS		
23-Jan	10:10	547175	72	3522.1	1.1	4750.20	0	155.00	3.0	1.29	89	2.00	0.61	451.00	1.80	JS		
24-Jan	10:15	547247	58	3523.2	1	4750.20	0	152.00	0.0	1.26	87	4.00	0.74	449.20	0.40	JS		
25-Jan	08:10	547305	70	3524.2	1.1	4750.20	0	152.00	0.0	0.97	83	0.00	0.65	448.80	1.00	KL		
26-Jan	09:08	547375	57	3525.3	0.9	4750.20	0	152.00	3.0	1.28	83	4.00	0.63	447.80	1.80	JS		
27-Jan	07:10	547432	66	3526.2	1	4750.20	0	149.00	0.0	1.11	79	0.00	0.53	446.00	0.60	KL		
28-Jan	08:20	547498	67	3527.2	1.1	4750.20	0	149.00	1.0	0.95	79	1.00	0.52	445.40	1.60	KL		
29-Jan	07:50	547565	68	3528.3	1.1	4750.20	0	148.00	1.0	1.09	78	6.00	0.72	443.80	1.00	KL		
30-Jan	08:10	547633	87	3529.4	1.3	4750.20	0	147.00	1.0	0.97	72	1.00	1.13	442.80	1.80	KL		
31-Jan	09:15	547720	75	3530.7	1.2	4750.20	0	146.00	1.0	1.08	71	2.00	0.90	441.00	1.60	JS		
1-Feb	08:50	547795		3531.9		4750.20		145.00		0.77	69		0.84	439.40		JS		
TOT			2137							34.28				26.59				
AVE			69							1.04				0.81				
MAX			95							1.85				1.13				
MIN			50							0.66				0.52				

SIGNATURE:  Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF January 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		Free	Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used		Scale	lbs Used	Scale	lbs Used	
31-Dec	07:10	306270115.9	143803.4	10062.1	0	26463.40	7.00	88.00	1.0	0.72	100	7.00	28.00	1.0	KL
1-Jan	07:10	306413919.3	138439.5	10062.1	0	26470.40	6.90	87.00	1.0	0.76	93	4.00	27.00	1.0	KL
2-Jan	08:40	306552358.8	128573.3	10062.1	0	26477.30	5.80	86.00	1.0	0.86	89	7.00	26.00	1.0	KL
3-Jan	07:30	306680932.1	121885.6	10062.1	0	26483.10	6.60	85.00	1.0	0.82	82	3.00	25.00	0.5	KL
4-Jan	07:30	306802817.7	123371	10062.1	0	26489.70	6.00	84.00	1.0	0.82	79	5.00	24.50	0.5	JS
5-Jan	07:30	306926188.7	161419.8	10062.1	0	26495.70	8.00	83.00	2.0	0.76	74	5.00	24.00	1.0	JS
6-Jan	09:30	307087608.5	92288	10062.1	0	26503.70	4.50	81.00	1.0	0.77	69	4.00	23.00	1.0	JS
7-Jan	07:30	307179896.5	139900.2	10062.1	0	26508.20	6.90	80.00	1.0	0.70	65/100	4.00	22.00	0.8	JS
8-Jan	09:00	307319796.7	139662.9	10062.1	0	26515.10	7.00	79.00	2.0	0.86	96	5.00	21.25	0.0	JS
9-Jan	09:10	307459459.6	133570.8	10062.1	0	26522.10	6.50	77.00	1.0	0.85	91	7.00	21.25	1.0	JS
10-Jan	07:30	307593030.4	125412.5	10062.1	0	26528.60	6.20	76.00	1.0	0.78	84	3.00	20.25	0.0	JS
11-Jan	07:30	307718442.9	126303.5	10062.1	0	26534.80	6.30	75*160	0.0	0.62	81	2.00	20.25/50	0.0	JS
12-Jan	08:15	307844746.4	171788.9	10062.1	0	26541.10	8.50	160.00	2.0	0.78	79	8.00	50.00	1.0	KL
13-Jan	09:30	308016535.3	103233.1	10062.1	0	26549.60	5.10	158.00	4.0	0.96	71	2.00	49.00	0.0	JS
14-Jan	07:10	308119768.4	157522.2	10062.1	0	26554.70	7.70	154.00	1.0	0.93	69	8.00	49.00	1.0	KL
15-Jan	07:25	308277290.6	129660.4	10062.1	0	26562.40	6.50	153.00	0.0	1.16	61	8.00	48.00	0.0	KL
16-Jan	07:30	308406951	136519.4	10062.1	0	26568.90	6.70	153.00	1.0	0.94	53	3.00	48.00	1.0	KL
17-Jan	07:00	308543470.4	176890.9	10062.1	0	26575.60	8.80	152.00	1.0	0.95	50	6.00	47.00	0.0	KL
18-Jan	07:50	308720361.3	126292.8	10062.1	0	26584.40	6.30	151.00	1.0	1.08	44/100	4.00	47.00	0.8	JS
19-Jan	07:25	308846654.1	121886.8	10062.1	0	26590.70	6.00	150.00	2.0	0.97	96	4.00	46.25	0.3	JS
20-Jan	07:20	308968540.9	117807.2	10062.1	0	26596.70	5.80	148.00	1.0	1.10	92	5.00	46.00	0.5	JS
21-Jan	09:25	309086348.1	117897.9	10062.1	0	26602.50	5.80	147.00	1.0	0.94	87	4.00	45.50	0.5	JS
22-Jan	08:50	309204246	129589.7	10062.1	0	26608.30	6.40	146.00	2.0	1.02	83	4.00	45.00	0.0	JS
23-Jan	09:00	309333835.7	161560.6	10062.1	0	26614.70	8.00	144.00	1.0	0.99	79	6.00	45.00	0.5	JS
24-Jan	08:10	309495396.3	116339	10062.1	0	26622.70	5.70	143.00	1.0	0.90	73	4.00	44.50	1.5	JS
25-Jan	07:00	309611735.3	134017.1	10062.1	0	26628.40	6.70	142.00	2.0	1.01	69	7.00	43.00	1.8	KL
26-Jan	07:30	309745752.4	103323.2	10062.1	0	26635.10	5.10	140.00	1.0	1.10	62	3.00	41.25	1.3	JS
27-Jan	06:00	309849075.6	150082	10062.1	0	26640.20	7.40	139.00	1.0	0.99	59	4.00	40.00	1.0	KL
28-Jan	07:15	309999157.6	123741.9	10062.1	0	26647.60	6.20	138.00	1.0	1.04	55/100	7.00	39.00	1.0	KL
29-Jan	07:15	310122899.5	131691	10062.1	0	26653.80	6.60	137.00	1.0	1.14	93	4.00	38.00	1.0	KL
30-Jan	07:30	310254590.5	144376.4	10062.1	0	26660.40	7.10	136.00	2.0	1.03	89	5.00	37.00	1.5	KL
31-Jan	07:45	310398966.9	232834.6	10062.1	0	26667.50	6.10	134.00	1.0	1.03	84	5.00	35.50	1.0	JS
1-Feb	07:20	310631801.5		10062.1		26673.6		133.0		0.9	79		35		JS
TOT			4128851				204			30.30					
AVE			133189				7			0.92					
MAX			176891				9			1.16					
MIN			92489				5			0.62					

SIGNATURE:  Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE
FOR THE MONTH OF January 2022
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	1.0 mg/L Standard	Flouride Analysis			
	Site #	Free Cl ₂	Total PO ₄ Cl ₂	Site #	Free Cl ₂	Total PO ₄ Cl ₂	Site #	Free Cl ₂	Total PO ₄ Cl ₂			Well #2	Well #3	Well #4	Well #5-6
1													1.50	0.95	0.60
2													1.50	0.78	0.61
3													0.91	1.00	0.74
4	Elm	0.58	1.63	Gas Station	0.41	1.08	Tower	0.63	0.41	JS		2.50	0.70	0.59	
5	Tower	0.76	0.78	Garage	0.24	0.92	Tower	0.65	0.44	JS		3.20	0.85	0.44	
6	Village	0.19	1.42	Tower	0.35	0.94	Tower	0.51	0.69	JS		2.20	0.86	0.62	
7	Tower	0.70	0.93	Tower	0.79	0.84	Tower	0.57	0.65	JS		6.90	0.80	0.67	
8												0.73	0.70	0.25	
9												0.31	0.76	0.38	
10	Elm	0.61	1.23	Gas Station	0.3	1.03	Tower	0.52	0.41	JS		0.20	0.81	0.56	
11	Tower	0.62	0.66	Tower	0.67	0.73	Tower	0.69	0.59	JS		1.00	0.85	0.54	
12	Tower	0.78	0.9	Tower	0.82	0.88	Tower	0.98	0.76	KL		0.75	1.10	0.84	
13	Village	0.07	1.45	Garage	0.48	1.01	Tower	0.6	0.52	JS		2.40	0.72	0.51	
14	Tower	0.93	0.86	Tower	1.47	1.09	Tower	0.52	0.72	KL		0.19	1.30	0.45	
15												0.23	1.70	0.70	
16												1.20	1.90	0.40	
17	Tower	0.95	1.23	Gas Station	0.38	1.07	Tower	0.6	0.86	KL		0.18	2.20	0.38	
18	Elm	0.49	1.55	Tower	0.4	0.91	Tower	0.53	0.9	JS		0.42	0.80	0.46	
19	Tower	0.97	0.51	Garage	0.59	1.25	Tower	0.48	0.64	JS		0.75	0.81	0.51	
20												0.81	0.69	0.48	
21												0.19	0.74	0.57	
22												2.10	0.75	0.48	
23												0.70	0.54	0.67	
24	Elm	0.6	0.97	Gas Station	0.84	0.83	Tower	0.59	0.38	JS		0.22	0.63	0.49	
25	Tower	1.01	0.97	Tower	1.65	0.91	Tower	0.88	0.69	KL		2.00	1.50	0.54	
26	Tower	1.1	0.9	Garage	0.57	1.07	Tower	0.56	0.74	JS		1.40	0.57	0.30	
27	Tower	0.99	1.19	Tower	1.85	1.03	Tower	0.88	0.44	KL		1.40	0.93	0.32	
28	Tower	1.04	1.16	Tower	1.13	0.89	Tower	0.8	0.87	KL		1.10	0.46	0.35	
29												1.30	1.10	0.33	
30												0.98	0.84	0.32	
31	Elm	0.64	1.23	Gas Station	0.47	0.86	Tower	0.27	0.91	JS		0.93	0.57	0.31	

Signature:  Ion Stear

PHONE: 815.224.1650