



2323 Fourth Street, PO Box 483 Peru, IL 61354

Phone: 815-224-1650 Toll Free: 800-659-4659

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April 8, 2024

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

**Plant Type:** Wastewater Treatment Plants: North: Class II Sequential batch reactors (SBR).  
South: Class I Sequential batch reactors (SBR).  
Water Treatment Plants: Well Supply with Chemical Addition in all 3 locations

For the water system you will find attached the daily inspection and monitoring reports for each of the water plants and the distribution system testing record. For the wastewater side we have included the monthly DMR for both wastewater plants.

Outlined below are the processes and actions taken during February 2024 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:**

- Check all dialers to ensure they are working.
- We have been trying to use the grease basket to clean the grease out of the lift stations weekly. This is helping, but I still think we'll need to get Collins out early spring and late fall.
- During all the rain, the lift stations were able to keep up and hold steady.

**North WWTP:**

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- We're still waiting to hear back about the pump for the EQ tank.
- We're still waiting to hear back from the Xylem about the sand filter pumps.
- Rick from Sable will be out to look at all of the pumps that have failed in the last month. All of them were manufactured and installed around the same time almost 20 years ago. He has a couple things he is looking at when he's here.
- We had an issue with the storms that came through. The main lift station had a VFD short out and then kill the whole station. I'm not sure what the problem was just yet because if we install new fuses, it blows them right away.
- The influent screen had an issue with the high flow from the storms as well. I think it's just ragged up and full of inorganics, but we'll find out this week.
- I know we have said this in the past, but everything at both plants is well beyond it's life span. We're going to keep seeing failures like this. Some months worse than others. I've been working with David as far as budgets are concerned. It's just hard when we're not



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sure what is going to break. I would have never guessed this new screen would have issues, but it did and it's out of warranty.

- All blower maintenance has been completed.
- Decanted digesters.
- Tested all emergency wash stations.
- We've been working with Gasvoda to try and get the disk filter fixed. NOVA, the company that made the filter, is out of business, so we can't just order the parts we need. **This is still ongoing, without much luck.**

#### South WWTP:

- Decanted digesters.
- We adjusted the brushed on the fine screen.
- We cleaned the buildings. The midge flies are coming back as they do every year.
- The IEPA renewal application has been completed and submitted to the IEPA.
- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Tested all emergency wash stations.
- Sludge was moved from the drying beds.
- We've reached out to waste management about hauling sludge to the dump, they require some lab testing that we have not done in the past. Once that is completed, we will receive a quote.

#### Water System:

- Cleaned well houses.
- All daily checks have been completed.
- We are working on getting a few things changed over that will need to be in the event of an inspection.
- We are looking into options for chemical spill containment. This is one of the things the IEPA is making all the communities do.
- I talked with David and we are set to have the tower inspected this year. The IEPA recommends we do this every 3-5 years. The last time we had the towers inspected was in 2018.

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:** IL0023451 **Permittee:** POPLAR GROVE, VILLAGE OF **Facility:** POPLAR GROVE - NORTH WWTP, VILLAGE OF  
**Major:** No **Permittee Address:** 200 NORTH HILL STREET **Facility Location:** 205 EDSON RD  
**Permitted Features:** 001 External Outfall **Discharge:** 001-0 STP OUTFALL **Status:** **NetDMR Validated**

**Report Dates & Status:** **DMR Due Date:** 03/25/24 **Telephone:** 815-224-1650  
**Monitoring Period:** From 02/01/24 to 02/29/24 **Certified Operator:**  
**Considerations for Form Completion:** **Title:**  
**BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED MONITORING LOCATION \*1\* IS FOR MONTHLY AVERAGE AND DAILY MAXIMUM MONITORING LOCATION \*3\* IS FOR WEEKLY AVERAGE.**

**Principal Executive Officer:** Ion Stear  
**First Name:** Ion **Last Name:** Stear  
**No Data Indicator (NODI):** -

Code	Parameter Name	Monitoring Location	Residual	Param. NODI	Quantity or Loading		Quality or Concentration		Units	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Strip	# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Qualifier	Value 2	Qualifier											
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample Permit Req. Value NODI	8.919	>=	6.0 MO AV MN	>=	4.5 MN AV	>=	7.94	>=	7.07	19 - mg/L	0	02DA - 2 Days Every Week	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	6.85	>=	6.0 MINIMUM	>=	6.85	>=	7.79	>=	9.0 MAXIMUM	12 - SU	0	02DA - 2 Days Every Week	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5.905	<=	125.0 MO AVG	<=	9.841	<=	260.0 DAILY MX	<=	26 - lb/d	19 - mg/L	0	02DA - 2 Days Every Week	GR - GRAB	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-	Sample Permit Req. Value NODI	2.84	<	34.0 MO AVG	<	9.467	<	1.443	<	4.81	19 - mg/L	0	02DA - 2 Days Every Week	CP - COMPOS	
50060	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	0.236	=	Req Mon MO AVG	=	0.335	=	Req Mon DAILY MX	=	0	19 - mg/L	0	9999 - Continuous	GR - GRAB	
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	3.5	=	104.0 MO AVG	=	5.905	=	1.778	=	3.0	19 - mg/L	0	0130 - Monthly	GR - GRAB	
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	104.0 MO AVG	<=	209.0 DAILY MX	<=	26 - lb/d	<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	0	02DA - 2 Days Every Week	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 DF

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

ebungamer

Elaine Bungamer

ebungamer@lestinc.com

2024-03-19 13:54 (Time Zone: -05:00)

IONSTEAR

Ion Stear

lstea@lestinc.com

2024-04-02 22:27 (Time Zone: -05:00)

**DMR Copy of Record**

**Permit:** IL0023451  
**Permittee:** POPLAR GROVE, VILLAGE OF  
**Major:** No  
**Facility Location:** POPLAR GROVE - NORTH WWTP, VILLAGE OF  
 205 EDSON RD  
 POPLAR GROVE, IL 61065

**Permitted Feature:** INF Influent Structure  
**Discharge:** INF-1 INFLUENT MONITORING

**Report Dates & Status:** From 02/01/24 to 02/29/24  
**DMR Due Date:** 03/25/24  
**Status:** NetDMR Validated

**Considerations for Form Completion:**

**BOW ID:** W0070150007  
**Principal Executive Officer:** Ion Stear  
**Title:** Certified Operator  
**Telephone:** 815-224-1650

**No Data Indicator (NODI):** No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. Ind	Sample Permit Req	Value 1	Qualifier 1	Value 2	Qualifier 2	Quantity or Location	Quality or Concentration	Value 3	Qualifier 3	Units	Req Mon MO AVG	W of Ex	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-	Sample Permit Req						75.5			19 - mg/L	19 - mg/L		02DA - 2 Days Every Week	CP - COMPOS
					Value NODI									19 - mg/L	19 - mg/L		02DA - 2 Days Every Week	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	-	Sample Permit Req						118.0			19 - mg/L	19 - mg/L		02DA - 2 Days Every Week	CP - COMPOS
					Value NODI									19 - mg/L	19 - mg/L		02DA - 2 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-	Sample Permit Req						0.443			03 - MGD	03 - MGD		9999 - Continuous	
					Value NODI									03 - MGD	03 - MGD		9999 - Continuous	

**Submission Note:** If a parameter row does not contain any values for the Sample nor Effluent Tracing, 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@lestinc.com  
**Date/Time:** 2024-03-19 13:54 (Time Zone: -05:00)

**Report Last Signed By:** IONSTEAR  
**User:** Ion Stear  
**Name:** Ion Stear  
**E-Mail:** istear@lestinc.com  
**Date/Time:** 2024-04-02 22:27 (Time Zone: -05:00)

DMR Copy of Record

**Permit #:** IL0071447  
**Major:** Yes  
**Permitted Feature:** 001 External Outfall  
**Report Dates & Status:** From 02/01/24 to 02/29/24  
**Monitoring Period:** Considerations for Form Completion  
**BOW ID:** W0070150006; DMF LOAD LIMITS DISPLAYED.  
**Principal Executive Officer:** Ion Stear  
**First Name:** Ion  
**Last Name:** Stear  
**No Data Indicator (NODI):** -  
**Form NODI:** -

**Permittee:** POPLAR GROVE VILLAGE OF  
**Permittee Address:** 200 S HILL ST  
 POPLAR GROVE, IL 61065  
**Discharge:** 001-0 STP OUTFALL  
**DMR Due Date:** 03/25/24  
**Facility:** POPLAR GROVE SOUTH STP, VILLAGE OF  
 12211 STATE ROUTE 76  
 POPLAR GROVE, IL 61065  
**Status:** **NeIDMR Validated**  
**Telephone:** 815-224-1650  
**Title:** Certified Operator

Sample	Permit	Value	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Qualifier	Value 4	Qualifier	Units	# of	Sample Type
Permit	Req.	Value	Qualifier	Value	Qualifier	Value	Qualifier	Value	Qualifier	Value	Qualifier	Units	Frequency	Sample Type
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	9.107	=	9.75	>=	6.0 MO AV MN	>=	4.5 MN WK AV	>=	4.0 DAILY MN	>=	19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
00400 pH	1 - Effluent Gross	8.09	=	6.93	=	6.0 MINIMUM	=	8.09	=	9.0 MAXIMUM	=	12 - SU	03DW - 3 Days Every Week	GR - GRAB
00530 Solids, total suspended	1 - Effluent Gross	14.361	=	26 - lbd	>=	500.0 DAILY MX	<=	250.0 MO AVG	<=	12.0 MO AVG	<=	19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS
00600 Nitrogen, total [as N]	1 - Effluent Gross	18.3	=	18.3	=	Req Mon MO AVG	=	Req Mon DAILY MX	=	19.3	=	19 - mg/L	01/00 - Monthly	CP - COMPOS
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	0.261	=	0.261	=	108.0 DAILY MX	<=	83.0 MO AVG	<=	4.0 MO AVG	<=	19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS
00665 Phosphorus, total [as P]	1 - Effluent Gross	0.479	<	0.479	<	21.0 MO AVG	<=	21.0 MO AVG	<=	1.0 MO AVG	<=	19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0.287	=	0.442	=	Req Mon MO AVG	=	Req Mon DAILY MX	=	0.442	=	03 - MGD	89/89 - Continuous	GR - GRAB
50060 Chlorine, total residual	1 - Effluent Gross	2.793	=	4.787	=	205.0 MO AVG	<=	205.0 MO AVG	<=	10.0 MO AVG	<=	19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS
80082 BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	2.0	=	2.0	=	417.0 DAILY MX	<=	417.0 DAILY MX	<=	20.0 DAILY MX	<=	19 - mg/L	03DW - 3 Days Every Week	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**

POPULAR GROVE, VILLAGE OF

**User:**

ebungamer

**Name:**

Elaine Bungamer

**E-Mail:**

ebungamer@lestinc.com

**Date/Time:**

2024-03-19 13:47 (Time Zone: -05:00)

**Report Last Signed By**

**User:**

IONSTEAR

**Name:**

Ion Stear

**E-Mail:**

istear@lestinc.com

**Date/Time:**

2024-04-02 22:27 (Time Zone: -05:00)

**DMR Copy of Record**

**Permit**  
 Permit #: **IL0071447**  
 Major: **Yes**  
 Facility: **POPLAR GROVE SOUTH STP, VILLAGE OF**  
 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 02/01/24 to 02/29/24**  
 DMR Due Date: **03/25/24**  
 Status: **NeIDMR Validated**

Considerations for Form Completion  
 BOW ID: **W0070150006**  
 Principal Executive Officer  
 Last Name: **Ion Stear**  
 Title: **Certified Operator**  
 Telephone: **815-224-1650**

No Data Indicator (NODI)  
 Form NODI: **---**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Value NODI	Permit Req.	Quantity or Loading	Qualifier 1	Qualifier 2	Qualifier 3	Value 1	Value 2	Value 3	Units	Quality or Concentration	Qualifier 1	Qualifier 2	Qualifier 3	Units	Frequency of Analysis	Sample Type		
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-											83,583					19 - mg/L	03/DW - 3 Days Every Week	CP - COMPOS	
															Req Mon MO AVG					19 - mg/L	03/DW - 3 Days Every Week	CP - COMPOS	
00330	Solids, total suspended	G - Raw Sewage Influent	0	-											105.833					19 - mg/L	03/DW - 3 Days Every Week	CP - COMPOS	
															Req Mon MO AVG					19 - mg/L	03/DW - 3 Days Every Week	CP - COMPOS	
00665	Phosphorus, total (as P)	1 - Effluent Gross	0	-											2.486					4.46	19 - mg/L	03/DW - 3 Days Every Week	CP - COMPOS
															Req Mon MO AVG					Req Mon DAILY MX	19 - mg/L	03/DW - 3 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-											0.165					0.258	03 - MGD	99/99 - Continuous	
															Req Mon MO AVG					Req Mon DAILY MX	03 - MGD	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**  
 No attachments.

**Attachments**  
 Report Last Saved By  
**POPLAR GROVE, VILLAGE OF**

User: **ebungamer**  
 Name: **Elaine Bungamer**  
 E-Mail: **ebungamer@lestinc.com**

Date/Time: **2024-03-19 13:47 (Time Zone: -05:00)**  
 Report Last Signed By  
 User: **IONSTEAR**

Name: **Ion Stear**  
 E-Mail: **istear@lestinc.com**

Date/Time: **2024-04-02 22:27 (Time Zone: -05:00)**



**VILLAGE OF POPLAR GROVE - NORTH**  
**FOR THE MONTH OF FEB 2024**  
**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 Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	Scale	
31-Jan	08:00	419400		10064.5		32143.50		94.00	1.15	33	1.25	27.25	IS	
1-Feb	08:00	419515	133	10064.5	0	32149.60	7.30	92.00	1.46	28	6.00	27.00	dh	
2-Feb	08:00	419648	123	10064.5	0	32156.90	6.10	91.00	0.95	22/100	5.00	26.00	dh	
3-Feb	08:00	419771	145	10064.5	0	32163.00	7.40	89.00	1.33	95	6.00	25.20	mjh	
4-Feb	08:00	419916	154	10064.5	0	32170.40	7.90	87.00	1.34	89	9.00	25.00	mjh	
5-Feb	08:00	420070	129	10064.5	0	32178.30	6.60	85.50	1.17	80	5.00	24.50	dh	
6-Feb	08:00	420199	126	10064.5	0	32184.90	6.50	84.00	1.00	75	5.00	24.00	JH	
7-Feb	08:00	420325	129	10064.5	0	32191.40	6.60	83.00	1.12	70	6.00	23.50	Dh	
8-Feb	08:00	420454	127	10064.5	0	32198.00	6.60	80.00/160	1.41	64	8.00	23.00/51	dh	
9-Feb	08:00	420581	130	10064.5	0	32204.60	7.10	159.00	1.30	56	6.00	50.50	dh	
10-Feb	08:00	420711	127	10064.5	0	32211.70	6.10	157.00	1.33	50	4.00	50.00	dh	
11-Feb	08:00	420838	157	10064.5	0	32217.80	8.00	155.50	1.17	46	8.00	49.50	dh	
12-Feb	08:00	420995	133	10064.5	0	32225.80	6.80	153.50	1.42	38	6.00	49.00	dh	
13-Feb	08:00	421128	105	10064.5	0	32232.60	5.50	152.00	1.28	32	4.00	48.00	dh	
14-Feb	08:00	421233	127	10064.5	0	32238.10	6.50	150.00	0.79	28/100	6.00	48.50	dh	
15-Feb	08:00	421360	127	10064.5	0	32244.60	6.60	149.50	1.21	94	5.00	47.00	dh	
16-Feb	08:00	421487	133	10064.5	0	32251.20	6.80	148.00	1.19	89	5.00	46.00	dh	
17-Feb	08:00	421620	135	10064.5	0	32258.00	6.90	146.20	1.22	84	8.00	45.75	dh	
18-Feb	08:00	421755	134	10064.5	0	32264.90	6.90	145.00	1.29	76	6.00	45.00	dh	
19-Feb	08:00	421889	132	10064.5	0	32271.80	6.80	143.00	1.25	70	6.00	44.25	dh	
20-Feb	08:00	422021	130	10064.5	0	32278.60	6.70	141.00	1.21	64	6.00	44.00	dh	
21-Feb	08:00	422151	128	10064.5	0	32285.30	6.60	140.00	1.09	58	6.00	43.25	dh	
22-Feb	08:00	422279	126	10064.5	0	32291.90	6.50	138.00	1.16	52	6.00	43.00	dh	
23-Feb	08:00	422405	129	10064.5	0	32298.40	6.70	136.50	1.08	46	6.00	42.50	dh	
24-Feb	08:00	422534	137	10064.5	0	32305.10	7.00	134.00	1.21	40	6.00	42.00	BH	
25-Feb	08:00	422671	137	10064.5	0	32312.10	7.10	133.00	1.19	34	7.00	41.00	BH	
26-Feb	08:00	422808	127	10064.5	0	32319.20	6.50	132.00	1.44	27/100	4.00	40.25	dh	
27-Feb	08:00	422935	126	10064.5	0	32325.70	6.50	130.00	1.04	96	6.00	9.75/41.0	DHW	
28-Feb	08:00	423061	124	10064.5	0	32332.20	6.30	128.50	0.91	90	6.00	40.00	dh	
29-Feb	08:00	423185	133	10064.5	0	32338.50	6.50	127.00	1.00	84	6.00	39.50	dh	
1-Mar	08:00	423318		10064.5		32345.00		125.50	1.00	78	1.24	39.00	dh	
TOT			3803				195		36.71					
AVE			131				7		1.18					
MAX			157				8		1.46					
MIN			105				6		0.79					

SIGNATURE:  **Jon Stear**  
PHONE: 815-224-1650

**VILLAGE OF POPLAR GROVE - WEST**  
**IL0070350**  
**MONTHLY OPERATING REPORT**  
**FOR THE MONTH OF FEB 2024**  
**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**  
**DIVISION OF PUBLIC WATER SUPPLIES**

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed		Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	
31-Jan	08:30	387702		8692.7		102.00		0.89	60		359.50	IS
1-Feb	08:30	387759	78	8694.31	1.83	101.00	2.0	1.45	54	6.00	358.30	dh
2-Feb	08:30	387837	59	8696.14	1.37	99.00	0.5	0.84	48	6.00	356.70	dh
3-Feb	08:30	387896	78	8697.51	1.86	98.50	2.0	0.87	42	5.00	355.20	mjh
4-Feb	08:30	387974	73	8699.37	1.67	96.50	1.5	1.03	37	7.00	353.30	mjh
5-Feb	08:30	388047	44	8701.04	1.09	95.00	1.0	1.30	30/100	4.00	351.90	dh
6-Feb	08:30	388091	79	8702.13	1.85	94.00	1.0	1.22	96	6.00	350.70	JH
7-Feb	08:30	388170	59	8703.98	1.39	93.00	1.0	0.84	90	6.00	348.80	Dh
8-Feb	08:30	388229	58	8705.37	1.36	92.00/160	1.0	1.09	84	4.00	47.4/434.	1.30
9-Feb	08:30	388287	76	8706.73	1.81	159.80	0.2	1.20	80	6.00	433.40	1.50
10-Feb	08:30	388363	59	8708.54	1.38	158.50	1.5	1.04	74	4.00	431.90	1.50
11-Feb	08:30	388422	80	8709.92	1.9	157.00	1.0	1.21	70	6.00	430.40	2.00
12-Feb	08:30	388502	58	8711.82	1.36	156.00	1.0	1.04	64	6.00	428.40	1.40
13-Feb	08:30	388560	73	8713.18	1.7	155.00	2.0	1.26	58	5.00	427.00	1.90
14-Feb	08:30	388633	61	8714.88	1.49	153.00	0.1	0.90	53	5.00	425.10	1.50
15-Feb	08:30	388694	58	8716.37	1.35	152.90	0.9	1.24	48	48.00	423.60	1.20
16-Feb	08:30	388752	57	8717.72	1.35	152.00	1.0	1.16	44	6.00	422.40	1.40
17-Feb	08:30	388809	56	8719.07	1.34	151.00	1.0	1.07	38	4.00	421.00	1.50
18-Feb	08:30	388865	82	8720.41	1.93	150.00	1.0	1.00	34	6.00	419.50	2.00
19-Feb	08:30	388947	72	8722.34	1.67	149.00	1.0	1.18	28/100	4.00	417.50	1.80
20-Feb	08:30	389019	65	8724.01	1.59	148.00	1.0	1.10	96	6.00	415.70	1.60
21-Feb	08:30	389084	58	8725.6	1.36	147.00	1.0	1.19	90	4.00	414.10	1.60
22-Feb	08:30	389142	58	8726.96	1.38	146.00	1.0	0.70	86	6.00	412.50	1.10
23-Feb	08:30	389200	59	8728.34	1.4	145.00	2.0	0.94	80	4.00	411.40	1.50
24-Feb	08:30	389259	79	8729.74	1.87	143.00	1.0	1.12	76	6.00	409.90	1.90
25-Feb	08:30	389338	58	8731.61	1.44	142.00	0.5	1.04	70	6.00	408.00	1.70
26-Feb	08:30	389396	79	8733.05	1.82	141.50	0.5	1.28	64	6.00	406.30	2.30
27-Feb	08:30	389475	59	8734.87	1.39	141.00	1.5	1.06	58	4.00	404.00	0.70
28-Feb	08:30	389534	39	8736.26	0.92	139.50	0.5	0.97	54	4.00	403.30	1.00
29-Feb	08:30	389573	77	8737.18	1.84	139.00	1.5	1.01	50	6.00	402.30	1.80
1-Mar	08:30	389650		8739.02		137.50		1.19	44		400.50	dh
TOT			1891					33.43				
AVE			65					1.08				
MAX			82					1.45				
MIN			39					0.70				

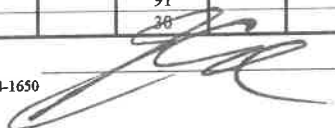
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PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH  
 FOR THE MONTH OF FEB 2024  
 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	
31-Jan	09:00	608675		4482.8		4758.10		98.00		0.88	98		1.07	330.00		IS
1-Feb	09:00	608732	60	4483.7	1	4758.10	0	97.00	1.0	1.31	94	4.00	1.10	328.20	0.80	dh
2-Feb	09:00	608792	61	4484.7	0.9	4758.10	0	96.00	1.0	1.46	90	1.00	1.79	327.40	1.00	dh
3-Feb	09:00	608853	60	4485.6	0.9	4758.10	0	95.00	1.2	1.31	89	5.00	2.18	326.40	0.80	mjh
4-Feb	09:00	608913	89	4486.5	1.4	4758.10	0	93.80	1.8	0.88	84	4.00	2.01	325.60	1.20	mjh
5-Feb	09:00	609002	30	4487.9	0.5	4758.10	0	92.00	1.0	1.39	80	2.00	0.85	324.40	0.40	dh
6-Feb	09:00	609032	90	4488.4	1.4	4758.10	0	91.00	1.0	1.24	78	4.00	0.86	324.00	1.40	JH
7-Feb	09:00	609122	59	4489.8	0.9	4758.10	0	90.00	1.0	1.47	74	2.00	1.03	322.60	1.20	Dh
8-Feb	09:00	609181	60	4490.7	1	4758.10	0	89.00/160	1.0	1.11	72	4.00	0.56	21.4/398	1.20	dh
9-Feb	09:00	609241	61	4491.7	0.9	4758.10	0	159.00	1.5	1.53	68	4.00	1.03	396.80	0.80	dh
10-Feb	09:00	609302	60	4492.6	0.9	4758.10	0	157.50	1.0	1.04	64	2.00	1.00	396.00	0.80	BH
11-Feb	09:00	609362	90	4493.5	1.5	4758.10	0	156.50	1.5	1.44	62	4.00	0.84	395.20	1.90	BH
12-Feb	09:00	609452	37	4495	0.4	4758.10	0	155.00	1.0	1.23	58	2.00	1.07	393.30	0.30	dh
13-Feb	09:00	609489	84	4495.4	1.4	4758.10	0	154.00	0.0	1.03	56	5.00	1.04	393.00	1.40	JH
14-Feb	09:00	609573	60	4496.8	1	4758.10	0	154.00	2.0	1.08	51	3.00	0.99	391.60	1.00	dh
15-Feb	09:00	609633	59	4497.8	0.9	4758.10	0	152.00	2.0	1.28	48	3.00	0.84	390.60	1.20	dh
16-Feb	09:00	609692	61	4498.7	0.9	4758.10	0	150.00	1.0	1.44	45	3.00	1.07	389.40	0.80	dh
17-Feb	09:00	609753	60	4499.6		4758.10	0	149.00	1.0	1.23	42	4.00	0.70	388.60	1.20	dh
18-Feb	09:00	609813	91	4500.6	1.4	4758.10	0	148.00	2.0	2.00	38	4.00	1.27	387.40	1.80	dh
19-Feb	09:00	609904	61	4502	0.9	4758.10	0	146.00	0.5	1.56	34	6.00	1.08	385.60	1.20	dh
20-Feb	09:00	609965	59	4502.9	1	4758.10	0	145.50	1.5	1.06	28/100	2.00	0.76	384.40	1.00	dh
21-Feb	09:00	610024	59	4503.9	0.9	4758.10	0	144.00	1.0	2.11	98	4.00	0.85	383.40	1.20	dh
22-Feb	09:00	610083	58	4504.8	0.9	4758.10	0	143.00	1.0	1.38	94	2.00	0.98	382.20	0.80	dh
23-Feb	09:00	610141	58	4505.7	0.9	4758.10	0	142.00	2.0	1.65	92	4.00	0.81	381.40	0.80	dh
24-Feb	09:00	610199	91	4506.6	1.4	4758.10	0	140.00	1.5	1.34	88	4.00	0.88	380.60	1.80	Bh
25-Feb	09:00	610290	61	4508	1	4758.10	0	138.50	0.5	1.17	84	2.00	0.88	378.80	1.20	Bh
26-Feb	09:00	610351	61	4509	0.9	4758.10	0	138.00	1.0	1.19	82	4.00	1.29	377.60	1.00	dh
27-Feb	09:00	610412	62	4509.9	1	4758.10	0	137.00	1.0	1.07	78	3.00	0.86	376.60	0.80	dh
28-Feb	09:00	610474	61	4510.9	0.9	4758.10	0	136.00	2.0	1.35	75	3.00	0.64	375.80	1.20	dh
29-Feb	09:00	610535	61	4511.8	1	4758.10	0	134.00	1.0	1.31	72	4.00	0.75	374.60	1.20	dh
1-Mar	09:00	610596		4512.8		4758.10		133.00		1.02	68		0.84	373.40		dh
TOT			1864				0			40.56			31.92			
AVE			64				0			1.31			1.03			
MAX			91				0			2.11			2.18			
MIN			38				0			0.88			0.56			

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 PHONE: 815-224-1650



Ion Stear

**DAILY DISTRIBUTION MONITORING REPORT**

**VILLAGE OF POPLAR GROVE  
FOR THE MONTH OF FEB. 2024  
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF PUBLIC WATER SUPPLIES**

Date	North System (Wells 2 & 3)			West System (Well 4)			South System (Wells 5 & 6)			Flouride Analysis								
	Site #	Free Cl <sub>2</sub>	Total Cl <sub>2</sub>	PO <sub>4</sub>	Site #	Free Cl <sub>2</sub>	Total Cl <sub>2</sub>	PO <sub>4</sub>	Site #	Free Cl <sub>2</sub>	Total Cl <sub>2</sub>	PO <sub>4</sub>	Operator Initials	Slope Standard	Well #2	Well #3	Well #4	Well #5-6
1	tower	1.39		1.19	tower	1.21		1.01	tower	1.12		1.3	dh					
2	FH	0.52		1.66	O.L	0.61		1.26	tower	1.38		1.46	dh					
3																		
4																		
5	village	0.48		1.13	garage	1.22		1.12	tower	0.79		0.78	dh					
6	Shool	0.67		1.01	tower	1.19		1.09	tower	1.1		0.98	JH					
7																		
8	School	1.46		1.25	O.L	0.68		0.61	Tower	1.03		0.87	Dh					
9	tower	1.16		0.98	gas	0.92		1.49	Tower	0.98		1.65						
10																		
11																		
12	FH	0.89		0.99	tower	1.23		1.61	tower	1.07		0.82	dh					
13	village	0.23		1.27	Gas	1.01		0.73	tower	1.24		0.65	JH					
14	School	1.2		0.56	OL	0.59		0.88	tower	1.01		0.97	dh					
15	tower	1.12		0.96	garage	1.18		1.79	tower	1.17		0.74	dh					
16	village	0.61		1.17	tower	0.99		1.31	tower	1.26		1.2						
17																		
18																		
19	FH	1.03		1.89	garage	0.71		0.94	tower	1.22		0.68	dh					
20	School	1.21		0.7	tower	0.82		1.5	tower	0.88		1.22	dh					
21	village	0.31		0.85	O.L	0.41		1.41	tower	1.02		0.98	dh					
22	tower	1.03		0.94	gas	0.52		1.22	tower	0.59		0.93	dh					
23	FH	1.13		1.42	O.L	0.41		0.73	tower	1.21		1.25	dh					
24																		
25																		
26	School	1.46		1.48	tower	0.95		1.22	tower	0.86		0.98	dh					
27	village	0.68		1.2	O.L	0.66		0.96	tower	0.81		1.41	dh					
28	tower	0.89		0.99	garage	0.8		0.99	tower	0.95		0.88	dh					
29																		
30																		
31																		
1																		

Signature:  Jon Stear  
PHONE: 815-224-1650