



2323 Fourth Street, PO Box 483 Peru, IL 61354  
Phone: 815-224-1650 Toll Free: 800-659-4659  
www.testinc.com

December 7, 2023

**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 October 2023 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:**

- Cleaned all lift station floats and transducers.
- Ran and tested portable generators under load.
- Check all dialers to ensure they are working.
- The chemical we ordered from United seems to be helping.
- Made sure all panel heaters are working.
- We're still waiting for a call back from Collins for them to come out and do our yearly cleaning of the lift stations. They came out one but had issues so they said they would be back.

**North WWTP:**

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Scada issues have been fixed. Turns out it was a bad pump that was back feeding a small amount of power to trip the breaker through the relay.
- We worked with Win911 and our IT guy and got the Win911 working again. We were relying on the back up dialer and it was working, but now the system is back up and running like it should.
- We are working with David and Chris to put together a plan to replace and upgrade the Win911, but we can't just update that system alone. We need to update the operating system on the computer, but the Scada system won't run on anything newer than Windows 7. So, it's a domino effect to get everything updated.
- Did a deep clean at the north plant.



2323 Fourth Street, PO Box 483 Peru, IL 61354  
Phone: 815-224-1650 Toll Free: 800-659-4659  
www.testinc.com

- Decanted digesters.
- Tested all emergency wash stations.
- Everything is ready for winter operation.
- We have 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:**

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Tested all emergency wash stations.
- The issues that we had with the lift station was a burnt up connection in the pump. We were able to cut the wires back and repair.
- All furnaces are working as they should.

**Water System:**

- Cleaned well houses.
- Cleaned and inspected injectors for all chemicals.
- We've pulled apart, then inspected and cleaned all the injectors at all the well for all the chemicals.
- All required EPA testing has been done.
- We had an issue where we lost power and the PLC lost its programming. We have Object Controls scheduled to come down and reset the program. With this issue, we exercised the interconnect in the event it needs to function, and it works as it should.
- We haven't gotten on the schedule for Midco to come out and inspect the towers again next spring.

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 Feature:** 001 External Outfall **Discharge:** 001-0 STP OUTFALL **Status:** **NetDMR Validated**

**Report Dates & Status:** **DMR Due Date:** 11/25/23 **Telephone:** 815-224-1650  
**Monitoring Period:** From 10/01/23 to 10/31/23 **Certified Operator**

**Considerations for Form Completion:** **BOW ID:** W0070150007; DMF LOAD LIMITS DISPLAYED MONITORING LOCATION "1" IS MONTHLY AVERAGE AND DAILY MAXIMUM MONITORING LOCATION "0" IS FORWEEKLY AVERAGE.

**Principal Executive Officer:** **Ion:** Stear **Title:** Certified Operator  
**Last Name:** Stear **First Name:** Ion

Code	Parameter Name	Monitoring Location	Segment #	Param. NOD	Sample Permit Req. Value NOD	Qualifier	Value 1	Qualifier	Value 2	Units	Qualifier	Value 3	Qualifier	Value 4	Units	Qualifier	Value 5	Qualifier	Frequency of Analysis	Similarity Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	8.153	>=	6.0	MO	AV	MIN	>=	7.965	AV	4.5	MIN	WK	>=	7.17	02DA - 2 Days Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	7.21	>=	6.0	MINIMUM				8.16		9.0	MAXIMUM				02DA - 2 Days Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	14.245	<=	125.0	MO	AVG	<=	32.051	26 - lb/d		4.0					02DA - 2 Days Every Week	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	0.534	<=	16.0	MO	AVG	<=	0.897	26 - lb/d		0.15					02DA - 2 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	0.427	=	Req Mon MO	AVG				03 - MGD		0.677	Req Mon DAILY	MX			9999 - Continuous	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	-	0.05	DAILY	MX							9 - Conditional	Monitoring - Not Required This Period				01/30 - Monthly	GR - GRAB
74050	Coliform, fecal general	1 - Effluent Gross	0	-	13	#/100mL								770.0					01/30 - Monthly	GR - GRAB
80062	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	5.342	=	7.122	26 - lb/d						10.0	MO	AVG	<=	2.0	02DA - 2 Days Every Week	CP - COMPOS

**Form NOD:** **No Data Indicator (NOD):** **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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

ebungamer

Elaine Bungamer

ebungamer@teslinc.com

2023-11-22 13:01 (Time Zone: -06:00)

IONSTEAR

Ion Stear

istear@teslinc.com

2023-11-27 09:28 (Time Zone: -06:00)

**DMR Copy of Record**

**Permit**  
 Permit #: IL0023451  
 Major: No  
 Permitted Feature: INF Influent Structure  
 Report Dates & Status: From 10/01/23 to 10/31/23  
 Monitoring Period: DMR Due Date: 11/25/23  
 Considerations for Form Completion: NetDMR Validated  
 BOW ID: W0070150007  
 Principal Executive Officer: Ion Stear  
 First Name: Ion  
 Last Name: Stear  
 No Data Indicator (NODI)  
 Form NODI: --

Permittee Address: POPLAR GROVE, VILLAGE OF  
 200 NORTH HILL STREET  
 POPLAR GROVE, IL 61065  
 Facility Location: POPLAR GROVE - NORTH WWTP, VILLAGE OF  
 205 EDSON RD  
 POPLAR GROVE, IL 61065  
 Discharge: INF-1  
 INFLUENT MONITORING  
 Status: NetDMR Validated  
 Telephone: 815-224-1650

Ministry Location: G - Raw Sewage Influent  
 Address # Param: NODI  
 Sample Permit Req. Value: NODI  
 Sample Permit Req. Value: NODI  
 Sample Permit Req. Value: NODI

Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C						89.3	19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS
							Req Mon MO AVG	19 - mg/L	0	CP - COMPOS
00550	Solids, total suspended						121.6	19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS
							Req Mon MO AVG	19 - mg/L	0	CP - COMPOS
50500	Flow, in conduit or thru treatment plant						0.251	03 - MGD	99998 - Continuous	
							Req Mon MO AVG	03 - MGD	99999 - Continuous	
							Req Mon DAILY MX 03 - MGD		0	

**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:** ebumgamer  
**Name:** Elaine Bungamer  
**E-Mail:** ebumgamer@lestinc.com  
**Date/Time:** 2023-11-22 13:01 (Time Zone: -06:00)

**Report Last Signed By**  
**User:** IONSTEAR  
**Name:** Ion Stear  
**E-Mail:** istear@lestinc.com  
**Date/Time:** 2023-11-27 09:28 (Time Zone: -06:00)

**DMR Copy of Record**

**Permit**  
 Permit #: IL0071447  
 Major: Yes  
 Permitted Features: 001 External Outfall

**Facility:**  
 Facility Location: POPLAR GROVE SOUTH STP, VILLAGE OF 12211 STATE ROUTE 76 POPLAR GROVE, IL 61065

**Permittee:**  
 Permittee Address: POPLAR GROVE, VILLAGE OF 200 S HILL ST POPLAR GROVE, IL 61065

**Discharge:**  
 Discharge: 001-0 STP OUTFALL

**Report Dates & Status**  
 Monitoring Period: From 10/01/23 to 10/31/23  
 Considerations for Form Completion: None  
 BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.

**DMR Due Date:** 11/25/23  
**Status:** NotDMR Validated

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

**Telephone:** 815-224-1850

**Form NODI:**

Code	Parameter Name	Monitoring Location	Percent	Percent NODI
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-
00400	pH	1 - Effluent Gross	0	-
00530	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	0	-
00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	0	-
00655	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	-

Code	Parameter Name	Monitoring Location	Percent	Percent NODI	Sample Permit Req. Value NODI	Qualifier	Unit	Quantity or Loading	Quality or Concentration	Value 1	Qualifier	Unit	Value 2	Qualifier	Unit	Value 3	Qualifier	Unit	Frequency of Analysis	Sample Type	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-		>=				8.872	=	6.0	8.15	=	7.45			19 - mg/L	03DW - 3 Days Every Week	GR - GRAB	
						>=				6.0	MN		4.5	WK	AV	>=		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-		=				7.1	=	6.0	MINIMUM					12 - SU	03DW - 3 Days Every Week	GR - GRAB	
						>=				9.0	MAXIMUM							12 - SU	03DW - 3 Days Every Week	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-		=				10.455	=	27.022	26 - lb/d					19 - mg/L	03DW - 3 Days Every Week	GR - GRAB	
						<=				2500.0	MO	AVG	<=	500.0	DAILY	MX	<=	24.0	DAILY	MX	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	-		=				18.25	=	18.25	Req Mon MO					19 - mg/L	0130 - Monthly	CP - COMPOS	
						=				18.25	Req Mon	DAILY	MX					19 - mg/L	0130 - Monthly	CP - COMPOS	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-		=				0.263	=	0.669	26 - lb/d					19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS	
						<=				31.0	MO	AVG	<=	96.0	DAILY	MX	<=	4.7	DAILY	MX	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	0	-		=				0.457	=	0.457	26 - lb/d					19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS	
						<=				79.0	WKLY	AVG	26 - lb/d					19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS	
00655	Phosphorus, total [as P]	1 - Effluent Gross	0	-		=				0.488	=	0.488	26 - lb/d					19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS	
						<=				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	-		=				0.27	=	0.429	03 - MGD					98999	-	Continuous	GR - GRAB
						=				Req Mon MO	AVG	Req Mon	DAILY	MX				0	98999	-	Continuous
50060	Chlorine, total residual	1 - Effluent Gross	0	-		=				0.05	DAILY	MX	<=	9	-	Conditional Monitoring - Not Required This Period		19 - mg/L	CUOC - Chlorination Occurrences	GR - GRAB	

Sample	Parent Reg Value	Unit	Frequency	Limit	Frequency	Unit	Frequency	Limit	Frequency	Unit	Frequency	Limit	
74055 Coliform, fecal general	0	-	1 - Effluent Gross	190.0	=	190.0	#/100mL	03DW - 3 Days Every Week	GR - GRAB	13 - #/100mL	03DW - 3 Days Every Week	GR - GRAB	
80082 BOD, carbonaceous [5 day, 20 C]	0	-	1 - Effluent Gross	400.0 DAILY MX	<=	400.0 DAILY MX	#/100mL	10.0 MO AVG	<=	10.0 MO AVG	19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS
				2.412	=	2.412	26 - BUI	200.0 MO AVG	<=	200.0 MO AVG	19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS
				4.504	=	4.504	26 - BUI	417.0 DAILY MX	<=	417.0 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:**

ebumgarner

**Name:**

Elaine Bumgarner

**E-Mail:**

ebumgarner@estinc.com

**Date/Time:**

2023-11-22 13:20 (Time Zone: -06:00)

**Report Last Signed By**

IONSTEAR

**User:**

Ion Stear

**Name:**

istear@estinc.com

**E-Mail:**

2023-11-27 09:28 (Time Zone: -06:00)

**Date/Time:**

**DMR Copy of Record**

**Permit**  
 Permit #: **IL0071447**  
 Major: **Yes**  
 Permitted Feature: **INF Influent Structure**  
 Facility: **POPLAR GROVE SOUTH STP, VILLAGE OF**  
 Facility Location: **12211 STATE ROUTE 76**  
**POPLAR GROVE, IL 61065**

Permittee: **POPLAR GROVE, VILLAGE OF**  
 Permittee Address: **200 S HILL ST**  
**POPLAR GROVE, IL 61065**  
 Discharge: **INF-L**  
**INFLEUENT MONITORING**  
 Status: **NotDMR Validated**

Report Dates & Status  
 Monitoring Period: **From 10/01/23 to 10/31/23**  
 DMR Due Date: **11/25/23**  
 Considerations for Form Completion  
 BOW ID: **W0070150006**  
 Principal/Executive Officer  
 First Name: **Ion**  
 Last Name: **Stear**  
 Certified Operator  
 Telephone: **815-224-1650**

Code	Parameter Name	Monitoring Location	Excesses or Excesses	Sample Permit Value	Sample NODI Value	Qualifier 1	Qualifier 2	Qualifier 3	Quantity or Concentration	Qualifier 1	Qualifier 2	Qualifier 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	--				75.5				19 - mg/L	0	03DW - 3 Days Every Week	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	--				91.286				19 - mg/L	0	03DW - 3 Days Every Week	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	--				5.579				19 - mg/L	0	03DW - 3 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	--				13.3				Req Mon DAILY MX	0	03DW - 3 Days Every Week	CP - COMPOS

**Form NODI:**  
 00310 BOD, 5-day, 20 deg. C  
 00530 Solids, total suspended  
 00665 Phosphorus, total [as P]  
 50050 Flow, in conduit or thru treatment plant

**Sample Permit Value**  
 75.5  
 91.286  
 5.579  
 13.3

**Sample NODI Value**  
 --  
 --  
 --  
 --

**Req Mon MO AVG**  
 75.5  
 91.286  
 5.579  
 13.3

**Req Mon MO AVG**  
 0.126  
 0.214  
 03 - MGD  
 Req Mon DAILY MX 03 - MGD

**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:**  
 Name: eburgamer  
 E-Mail: eburgamer@lestinc.com  
 Date/Time: 2023-11-22 13:06 (Time Zone -06:00)

**Report Last Signed By**  
 User: IONSTEAR  
 Name: Ion Stear  
 E-Mail: istear@lestinc.com  
 Date/Time: 2023-11-27 09:28 (Time Zone -06:00)



**IL0070150  
MONTHLY OPERATING REPORT**

**VILLAGE OF POPLAR GROVE - NORTH  
FOR THE MONTH OF OCT 2023**

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF PUBLIC WATER SUPPLIES**

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	PO4 mg/L		Scale
30-Sep		402352	134	10064.2	0	31264.80	6.90	33.50	3.0	1.26	14/100	4.00	26.90	0.4	mjh
1-Oct		402486	179	10064.2	0	31271.70	9.10	30.50	3.5	1.43	96	8.00	26.50	1.3	mjh
2-Oct		402565	151	10064.2	0	31280.80	7.70	27.00	3.0	1.97	88	6.00	25.25	0.3	dh
3-Oct		402816	136	10064.2	0	31288.50	7.00	24.00	3.0	1.32	82	6.00	25.00	0.3	dh
4-Oct		402952	149	10064.2	0	31295.50	7.60	21.00	3.0	1.29	76	8.00	24.75	0.3	dh
5-Oct		403101	118	10064.2	0	31303.10	6.20	18.00	1.5	2.02	68	5.00	24.50	0.6	dh
6-Oct		403219	126	10064.2	0	31309.30	6.40	16.50	3.5	1.33	63	6.00	23.90	0.9	mjh
7-Oct		403345	130	10064.2	0	31315.70	6.80	13.00	2.5	1.34	57	7.00	23.00	0.1	mjh
8-Oct		403475	141	10064.2	0	31322.50	7.20	10.50	3.0	1.45	50	6.00	22.90	0.7	mjh
9-Oct		403616	162	10064.2	0	31329.70	8.30	7.50	0.5	1.54	44	8.00	22.20	0.7	mjh
10-Oct		403778	137	10064.2	0	31338.00	6.90	7.0/160	1.0	0.00	36	4.00	22/50.50	0.5	dh
11-Oct		403915	126	10064.2	0	31344.90	6.50	159.00	2.0	1.11	32	6.00	50.00	0.3	dh
12-Oct		404041	129	10064.2	0	31351.40	6.70	157.00	3.0	1.24	26	4.00	49.75	0.5	dh
13-Oct		404170	129	10064.2	0	31358.10	6.60	154.00	1.0	2.05	22/100	3.00	49.25	0.8	dh
14-Oct		404299	125	10064.2	0	31364.70	6.50	153.00	2.6	2.18	97	7.00	48.50	0.6	mjh
15-Oct		404424	155	10064.2	0	31371.20	7.90	150.40	0.4	2.04	90	6.00	47.90	0.9	mjh
16-Oct		404579	158	10064.2	0	31379.10	8.10	150.00	2.0	1.13	84	8.00	47.00	0.5	dh
17-Oct		404737	133	10064.2	0	31387.20	6.80	148.00	1.5	1.11	76	4.00	46.50	0.5	dh
18-Oct		404870	127	10064.2	0	31394.00	6.50	146.50	1.5	1.28	72	6.00	46.00	0.8	dh
19-Oct		404997	129	10064.2	0	31400.50	6.70	145.00	2.0	0.91	66	8.00	45.25	0.5	dh
20-Oct		405126	118	10064.2	0	31407.20	6.00	143.00	0.5	1.21	58	4.00	44.75	0.3	dh
21-Oct		405244	142	10064.2	0	31413.20	7.30	142.50	1.5	1.34	54	6.00	44.50	0.5	dh
22-Oct		405386	167	10064.2	0	31420.50	8.50	141.00	1.5	1.20	48	6.00	44.00	0.8	dh
23-Oct		405553	112	10064.2	0	31429.00	5.40	139.50	1.5	1.11	42	6.00	43.25	0.4	dh
24-Oct		405665	149	10064.2	0	31434.40	8.10	138.00	1.5	1.16	36	7.00	42.90	0.8	mjh
25-Oct		405814	130	10064.2	0	31442.50	6.60	136.50	1.5	1.20	29	7.00	42.10	0.6	mjh
26-Oct		405944	99	10064.2	0	31449.10	5.10	135.00	1.5	1.08	22	7.00	41.50	0.5	dh
27-Oct		406043	133	10064.2	0	31454.20	6.90	133.50	1.6	1.12	15/100	4.00	41.00	0.5	mjh
28-Oct		406176	148	10064.2	0	31461.10	7.60	131.90	1.7	1.22	96	7.00	40.50	0.6	mjh
29-Oct		406324	157	10064.2	0	31468.70	8.10	130.20	2.7	1.69	89	8.00	39.90	0.8	mjh
30-Oct		406481	114	10064.2	0	31476.80	5.70	127.50	0.7	1.42	81	5.00	39.10	0.2	mjh
31-Oct		406595	163	10064.2	0	31482.50	7.50	126.80	3.0	1.57	76	6.00	38.90	0.9	mjh
1-Nov		406758	-406758	10064.2	-10064.2	31490.0	#####	123.8	123.8	1.1	70	70.00	38	38.0	mjh
TOT		4243					218			43.18					
AVE		137					7			1.35					
MAX		179					9			2.18					
MIN		99					5			0.00					

Iron Sicut

SIGNATURE: \_\_\_\_\_  
PHONE: 815-224-1650

**VILLAGE OF POPLAR GROVE - WEST**  
**IL0070350**  
**MONTHLY OPERATING REPORT**  
**FOR THE MONTH OF OCT. 2023**  
**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		Scale	lbs Used
30-Sep		379808	0	8505.35	0	115.80	2.3	2.80	69	3.00	1.55	389.60	1.00	mjh
1-Oct		379875	77	8506.9	1.97	113.50	1.5	2.03	66	2.00	1.23	388.60	2.10	mjh
2-Oct		379952	60	8508.87	1.31	112.00	3.0	1.94	64	2.00	1.01	386.50	0.70	dh
3-Oct		380012	56	8510.18	1.33	109.00	1.0	2.00	62	2.00	1.93	385.80	0.60	dh
4-Oct		380068	57	8511.51	1.35	108.00	3.0	2.00	60	4.00	0.96	385.20	0.80	dh
5-Oct		380125	58	8512.86	1.35	105.00	2.0	2.00	56	1.00	1.86	384.40	0.10	dh
6-Oct		380183	58	8514.21	1.39	103.00	1.1	2.00	55	2.00	1.70	384.30	1.00	mjh
7-Oct		380241	90	8515.6	2.11	101.90	2.4	2.89	53	4.00	1.09	383.30	1.20	mjh
8-Oct		380331	57	8517.71	1.37	99.50	0.0	1.37	49	2.00	1.03	382.10	0.60	mjh
9-Oct		380388	57	8519.08	1.35	98.00	1.0	1.14	47	3.00	1.08	381.50	0.50	mjh
10-Oct		380445	57	8520.43	1.35	97.0/160	1.0	2.00	44	2.00	1.32	381.0/434	1.20	dh
11-Oct		380502	58	8521.78	1.36	158.00	2.0	2.00	42	2.00	2.18	432.80	1.40	dh
12-Oct		380560	56	8523.14	1.04	156.00	3.0	0.94	40	4.00	1.85	431.40	0.90	dh
13-Oct		380616	58	8524.18	1.66	153.00	0.5	2.00	36	1.00	1.10	430.50	0.90	dh
14-Oct		380674	58	8525.84	1.38	152.50	0.7	2.67	35	2.00	1.01	429.60	0.80	mjh
15-Oct		380732	90	8527.22	2.14	151.80	1.8	2.03	33	3.00	0.92	428.80	1.40	mjh
16-Oct		380822	58	8529.36	1.39	150.00	1.0	0.97	30	4.00	0.99	427.40	0.80	dh
17-Oct		380880	57	8530.75	1.4	149.00	1.0	2.17	26	2.00	1.66	426.60	0.90	dh
18-Oct		380937	61	8532.15	1.38	148.00	1.0	1.68	24	2.00	1.54	425.70	1.10	dh
19-Oct		380998	59	8533.53	1.41	147.00	1.0	1.03	22	2.00	2.00	424.60	0.90	dh
20-Oct		381057	29	8534.94	0.7	146.00	0.5	1.02	18/100	2.00	1.31	423.70	0.20	dh
21-Oct		381086	91	8535.64	2.14	145.50	1.5	2.00	98	4.00	1.34	423.50	1.30	dh
22-Oct		381177	57	8537.78	1.37	144.00	1.0	1.08	94	2.00	1.24	422.20	401.00	dh
23-Oct		381234	58	8539.15	1.38	143.00	1.0	1.97	92	2.00	1.39	21.20	-399.10	dh
24-Oct		381292	59	8540.53	1.4	142.00	1.1	2.01	90	2.00	1.41	420.30	1.10	mjh
25-Oct		381351	58	8541.93	1.37	140.90	1.4	1.83	88	4.00	2.10	419.20	1.00	mjh
26-Oct		381409	56	8543.3	1.35	139.50	0.5	2.01	84	5.00	0.94	418.20	1.20	dh
27-Oct		381465	58	8544.65	1.38	139.00	0.2	1.37	79	0.00	1.80	417.00	-0.10	mjh
28-Oct		381523	60	8546.03	1.42	138.80	1.3	1.97	79	3.00	1.59	417.10	0.80	mjh
29-Oct		381583	90	8547.45	2.09	137.50	1.4	1.05	76	4.00	1.04	416.30	1.20	mjh
30-Oct		381673	30	8549.54	0.77	136.10	0.2	1.20	72	2.00	2.01	415.10	0.30	mjh
31-Oct		381703	89	8550.31	2.11	135.90	1.9	1.74	70	3.00	1.22	414.80	1.50	mjh
1-Nov		381792	-381792	8552.42	-8552.42	134.00	134.0	1.56	67	67.00	1.42	413.3	413.30	mjh
TOT			1828					58.47						
AVE			59					1.77						
MAX			91					2.89						
MIN			0					0.94						

SIGNATURE: \_\_\_\_\_  
 PHONE: 815-224-1650  
 Ion Stear

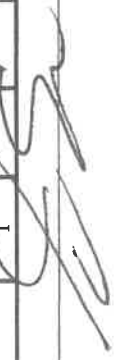
**VILLAGE OF POPLAR GROVE - SOUTH**  
**FOR THE MONTH OF OCT. 2023**  
**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**  
**DIVISION OF PUBLIC WATER SUPPLIES**

IL0070300

**MONTHLY OPERATING REPORT**

Date	Time	Flow Meter		Hour Meter Well 5		Hour Meter Well 6		Chlorine Feed		Phosphate Feed		Flouride Feed		Operator Initials	
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L		Scale
30-Sep		600477	58	4355.2	1.1	4758.10	0	96.30	1.8	1.71	70	2.00	360.80	2.40	mjh
1-Oct		600535	105	4356.3	1.4	4758.10	0	94.50	2.5	1.49	68	6.00	358.40	1.20	mjh
2-Oct		600640	87	4357.7	1.3	4758.10	0	92.00	2.0	2.00	62	4.00	357.20	1.80	dh
3-Oct		600727	61	4359	1	4758.10	0	90.00	1.0	1.60	58	4.00	355.40	1.20	dh
4-Oct		600788	59	4360	0.9	4758.10	0	89.00	2.0	2.00	54	4.00	354.20	1.00	dh
5-Oct		600847	61	4360.9	0.9	4758.10	0	87.00	1.1	2.00	50	2.00	353.20	1.00	dh
6-Oct		600905	58	4361.8	0.9	4758.10	0	85.90	1.4	2.00	48	3.00	352.20	0.80	mjh
7-Oct		600963	90	4362.7	1.4	4758.10	0	84.50	1.7	2.56	45	5.00	351.40	1.80	mjh
8-Oct		601053	60	4364.1	0.9	4758.10	0	82.80	1.3	1.26	40	3.00	349.60	1.20	mjh
9-Oct		601113	89	4365	1.4	4758.10	0	81.50	0.5	2.80	37	5.00	348.40	2.00	mjh
10-Oct		601202	88	4366.4	1.4	4758.10	0	81.00/160	1.0	2.00	32	4.00	47.8/451.	0.40	dh
11-Oct		601290	61	4367.8	0.9	4758.10	0	159.00	2.0	0.86	28	4.00	450.20	0.40	dh
12-Oct		601351	61	4368.7	1	4758.10	0	157.00	2.0	1.64	24	4.00	403.20	47.00	dh
13-Oct		601412	60	4369.7	0.9	4758.10	0	155.00	1.0	2.17	22/102	3.00	403.20	0.20	dh
14-Oct		601472	59	4370.6	0.9	4758.10	0	154.00	0.5	1.72	99	4.00	403.20	0.20	mjh
15-Oct		601531	91	4371.5	1.5	4758.10	0	153.50	1.5	1.44	95	5.00	403.00	0.40	mjh
16-Oct		601622	88	4373	1.1	4758.10	0	152.00	2.0	2.00	90	4.00	402.60	0.40	dh
17-Oct		601710	59	4374.1	1.1	4758.10	0	150.00	1.0	1.43	86	2.00	402.20	0.40	dh
18-Oct		601769	61	4375.2	1	4758.10	0	149.00	1.0	2.04	84	4.00	401.80	0.60	dh
19-Oct		601830	61	4376.2	0.9	4758.10	0	148.00	1.0	1.55	80	4.00	401.20	0.40	dh
20-Oct		601891	59	4377.1	0.9	4758.10	0	147.00	1.0	2.16	76	2.00	400.80	0.40	dh
21-Oct		601950	60	4378	1	4758.10	0	146.00	1.0	1.41	74	2.00	400.40	0.40	dh
22-Oct		602010	93	4379	1.4	4758.10	0	145.00	2.5	2.00	72	6.00	400.00	0.40	dh
23-Oct		602103	60	4380.4	1	4758.10	0	142.50	1.6	2.00	66	2.00	399.60	0.60	dh
24-Oct		602163	58	4381.4	0.9	4758.10	0	140.90	1.0	2.30	64	3.00	399.00	0.60	mjh
25-Oct		602221	58	4382.3	0.9	4758.10	0	139.90	0.9	2.00	61	3.00	398.40	0.40	mjh
26-Oct		602279	58	4383.2	0.9	4758.10	0	139.00	1.0	1.11	58	3.00	398.00	0.20	dh
27-Oct		602337	1	4384.1	0	4758.10	0	138.00	0.0	1.55	55	0.00	397.80	0.00	mjh
28-Oct		602338	45	4384.1	0.6	4758.10	0	138.00	0.5	1.31	55	2.00	397.80	0.20	mjh
29-Oct		602383	148	4384.7	2.4	4758.10	0	137.50	2.7	1.08	53	7.00	397.60	0.80	mjh
30-Oct		602531	62	4387.1	1	4758.10	0	134.80	1.0	1.56	46	4.00	396.80	0.20	mjh
31-Oct		602593	91	4388.1	1.3	4758.10	0	133.80	1.3	2.00	42	4.00	396.60	0.60	mjh
1-Nov		602684	-602684	4389.4	-4389.4	4758.10	-4758.1	132.50	132.5	1.45	38	38.00	396.00	396.00	mjh
TOT			2119				0			58.20					
AVE			68				0			1.76					
MAX			148				0			2.80					
MIN			1				0			0.86					

Ion Steril

SIGNATURE:   
PHONE: 815-224-1650

**DAILY DISTRIBUTION MONITORING REPORT**

**VILLAGE OF POPLAR GROVE  
FOR THE MONTH OF OCT. 2023  
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																		
2	tower	1.88		1.8	tower	1.21		1.47	tower	1.78		1.36	dh		1.30	0.51	2.30	
3	village	0.86		1.65	garage	1.71		0.78	tower	1.33		1.66	dh		1.20	0.76	3.70	
4	school	2.06		1.48	gas	1.01		0.82	gc	0.37		1.26	dh		1.10	0.81	1.50	
5	F.H	0.91		2.12	tower	1.27		0.97	tower	1.89		1.18			1.00	0.89	2.20	
6	school	2.19		1.89	oaklawn	0.98		1.02	gc	1.74		0.61	mjh		1.30	0.95	2.90	
7															1.00	0.91	2.40	
8															1.40	0.57	2.00	
9	F.H	1.07		1.36	gas	0.96		0.73	gc	0.67		1.68	mjh		1.30	0.71	2.20	
10	school	0.67		1.75	tower	1.48		1.32	tower	0.87		1.32	dh		0.99	0.60	3.00	
11	village	0.74		1.72	garage	1.16		1.43	gc	0.58		1.22	dh		1.10	1.10	0.32	
12	tower	1.18		1.07	tower	1.23		0.74	tower	1.18		1.89	dh		0.77	1.20	0.68	
13	school	1.88		0.59	gas	0.8		1.14	tower	1.14		1.46	dh		1.00	0.98	0.58	
14															0.87	2.20	0.52	
15															0.87	2.20	0.79	
16	village	0.83		1.64	garage	1.28		1.41	gc	0.68		0.95	dh		1.10	0.61	1.40	
17	F.H	0.67		2	tower	0.91		1.58	tower	0.97		1.16	dh		1.00	0.82	0.49	
18	school	0.94		0.82	gas	0.76		0.84	gc	0.74		1.03	dh		1.10	0.80	1.10	
19	tower	0.95		1.14	tower	1.01		1.9	tower	0.89		1.84	dh		0.93	0.61	1.20	
20	village	1.07		1.35	garage	0.89		1.39	gc	0.74		1.3	dh		1.00	0.61	0.68	
21															1.10	1.10	0.29	
22															0.86	0.62	1.10	
23	tower	1.07		1.51	tower	0.87		1.34	tower	0.76		1.28	dh		1.40	1.10	1.10	
24	school	1.8		1.89	gas	1.01		1.41	gc	0.9		1.37	mjh		1.30	0.97	0.98	
25	tower	1.2		1.65	garage	1.11		1.56	tower	1.01		1.42	mjh		0.97	0.95	0.96	
26	village	0.95		2.28	oak lawn	0.78		1.58	tower	1.27		1.46	dh		0.94	0.78	0.94	
27	shool	1.45		1.78	gas	1.2		1.37	gc	1.11		1.62	mjh		0.91	0.70	0.69	
28															1.00	0.88	0.20	
29															0.86	0.91	0.19	
30	village	1.02		1.45	tower	1.42		1.97	gc	1.27		1.65	mjh		0.98	0.95	0.55	
31	school	1.47		1.02	gas	1.01		1.82	tower	0.99		1.56	mjh		0.63	1.40	0.98	
1	school	1.01		1.32	oaklawn	0.91		1.32	gc	0.81		1.08	mjh					

Signature:  Jon Stear  
PHONE: 815-224-1650