



2323 Fourth Street, PO Box 483 Peru, IL 61354

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

www.testinc.com

March 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 January 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.
- Made sure all panel heaters, dialers and all heaters are working to prevent freezing.
- We've received two quotes for the spare pump for Collection point lift station off of Waco Road. We are waiting to receive a third.

**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.
- We had a wasting pump fail in SBR1. We pulled it and it was just filled with rags.
- We had another wasting pump go bad in SBR. We haven't pulled it yet because there is no chain on it. We have to take the SBR off line to pull it without risking dropping it. We can't do that because we haven't received approval for the repair in SBR3 decant valve. SBR3 is offline because of that valve and we can't have more than 1 SBR offline at a time.
- 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:**

- All standard monthly checks/maintenance/cleaning and procedures were completed.



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- All blower maintenance was completed. Belts have been adjusted and oil changed.
- 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, but haven't heard back.
- All furnaces are working as they should.
- We have received quotes for the UV bulbs, I just haven't sent them to David yet.

**Water System:**

- Cleaned well houses.
- Changed flow switch at Well 4.
- All required EPA testing has been done.

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.

A handwritten signature in black ink, appearing to read "Ion Stear", written in a cursive style.

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:** **NetDWR Validated**

**Report Dates & Status:** **DMR Due Date:** 02/25/24 **Telephone:** 815-224-1650  
**Monitoring Period:** From 01/01/24 to 01/31/24 **Certified Operator:**  
**Considerations for Form Completion:** BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED MONITORING LOCATION \*\*1\* IS MONTHLY AVERAGE AND DAILY MAXIMUM MONITORING LOCATION \*\*8\* IS FORWEEKLY AVERAGE.

**Principal Executive Officer:** **Title:** **First Name:** Ion **Last Name:** Stear **Form NDI:** No Data Indicator (NDDI)

Parameter Name	Monitoring Location	Season	Permit NDI	Quantity as Loading			Quality or Concentration			Units	Frequency of Analysis	Sample Type
				Value 1	Qualifier	Value 2	Value 3	Qualifier	Value 4			
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample Permit Req. Value NDDI	9.457	=	8.3	=	8.29	19 - mg/L	02DA - 2 Days Every Week	GR - GRAB
00400 pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NDDI	7.04	=	7.5	=	8.31	12 - SU	02DA - 2 Days Every Week	GR - GRAB
00530 Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NDDI	13.886	=	27.772	=	9.0 MAXIMUM	12 - SU	02DA - 2 Days Every Week	GR - GRAB
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-	Sample Permit Req. Value NDDI	1.99	=	4.518	=	2.44	19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS
50050 Flow in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NDDI	0.222	=	0.378	=	15.0	19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS
50060 Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req. Value NDDI	3.148	=	7.406	=	24.0 DAILY MX	19 - mg/L	0190 - Monthly	GR - GRAB
80082 BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req. Value NDDI	104.0 MO AVG	<=	206.0 DAILY MX	<=	4.0	19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS

**Flow in conduit or thru treatment plant:** Reg Men MO AVG = 0.222 MGD, Reg Men DAILY MX = 0.378 MGD  
**Chlorine, total residual:** Reg Men MO AVG = 3.148 MGD, Reg Men DAILY MX = 7.406 MGD  
**BOD, carbonaceous [5 day, 20 C]:** Reg Men MO AVG = 104.0 MGD, Reg Men DAILY MX = 206.0 MGD

**Submissions 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@testinc.com  
Date/Time: 2024-02-21 08:22 (Time Zone: -06:00)

Report Last Signed By

User: IONSTEAR  
Name: Ion Stear  
E-Mail: istear@testinc.com  
Date/Time: 2024-02-26 10:05 (Time Zone: -06:00)





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:

2024-02-21 08:32 (Time Zone: -06:00)

Report Last Signed By

IONSTEAR

User:

Ion Stear

Name:

Istear@lestinc.com

E-Mail:

2024-02-26 10:05 (Time Zone: -06:00)

Date/Time:

**DMR Copy of Record**

**Permit**  
 Permit #: IL0071417  
 Major: Yes  
 Facility: POPLAR GROVE SOUTH STP, VILLAGE OF  
 12211 STATE ROUTE 78  
 POPLAR GROVE, IL 61065

Permitted Feature: INF Influent Structure  
 Facility Location: POPLAR GROVE, VILLAGE OF  
 200 S HILL ST  
 POPLAR GROVE, IL 61065

Report Dates & Status: INF Influent Monitoring  
 Monitoring Period: From 01/01/24 to 01/31/24  
 Status: NetDMR Validated

Considerations for Form Completion: DMR Due Date: 02/25/24  
 Certified Operator  
 Telephone: 815-224-1650

BOW ID: W0070150006  
 Principal Executive Officer: Ion Stear  
 Title: Certified Operator

Last Name: Stear  
 No Data Indicator (NDDI):  
 Form NDDI:

Code	Parameter Name	Monitoring Location	Success	Permit NDDI	Sample Period	Sample Period Desc	Value 1	Qualifier 1	Value 2	Qualifier 2	Value 3	Qualifier 3	Units	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--										102.0		03DW - 3 Days Every Week	CP - COMPOS
														Req Mon MO AVG		03DW - 3 Days Every Week	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	--										280.533		03DW - 3 Days Every Week	CP - COMPOS
														Req Mon MO AVG		03DW - 3 Days Every Week	CP - COMPOS
00655	Phosphorus, total (as P)	1 - Effluent Gross	0	--										3.866		03DW - 3 Days Every Week	CP - COMPOS
														Req Mon MO AVG		03DW - 3 Days Every Week	CP - COMPOS
														9.61		Req Mon DAILY MX	19 - mg/L
50060	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--										0.149		03 - MGD	
														Req Mon MO AVG		Req Mon DAILY MX	03 - MGD
														0.33		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.  
**Attachments**  
 No attachments.  
**Report Last Saved By**  
 POPLAR GROVE, VILLAGE OF  
 User: ebumgamer  
 Name: Elaine Bumgamer  
 E-Mail: ebumgamer@lestinc.com  
 Date/Time: 2024-02-21 08:33 (Time Zone: -06:00)  
**Report Last Signed By**  
 User: IONSTEAR  
 Name: Ion Stear  
 E-Mail: listear@lestinc.com  
 Date/Time: 2024-02-26 10:05 (Time Zone: -06:00)



**DMR Copy of Record**

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

**Permittee:** POPLAR GROVE, VILLAGE OF  
 200 S HILL ST  
 POPLAR GROVE, IL 61065  
**Discharge:** 001-S SEMI ANNUAL SAMPLING @ 001

**Report Dates & Status:** From 08/01/23 to 01/31/24  
**Monitoring Period:** 02/25/24  
**Considerations for Form Completion:** NetDMR Validated

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

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

C-Code	Parameter Name	Monitoring Location	Season & Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of Tests	Frequency of Analysis	Sample Type
				Qualifier 1	Qualifier 2	Qualifier 3	Qualifier 4				
00556	Oil & Grease	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	<	0.005	28 - ug/L	0	0999 - See Permit	GR - GRAB
00720	Cyanide, total [as CN]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	<	0.005	28 - ug/L	0	0999 - See Permit	GR - GRAB
00722	Cyanide, free [amenable to chlorination]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	<	0.005	28 - ug/L	0	0999 - See Permit	GR - GRAB
00951	Fluoride, total [as F]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	=	0.143	19 - mg/L	0	0999 - See Permit	24 - COMP24
01002	Arsenic, total [as As]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	<	0.005	19 - mg/L	0	0999 - See Permit	24 - COMP24
01007	Barium, total [as Ba]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	=	0.0338	19 - mg/L	0	0999 - See Permit	24 - COMP24
01027	Cadmium, total [as Cd]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	<	0.001	19 - mg/L	0	0999 - See Permit	24 - COMP24
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	<	0.005	19 - mg/L	0	0999 - See Permit	GR - GRAB
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	<	0.01	19 - mg/L	0	0999 - See Permit	24 - COMP24
01042	Copper, total [as Cu]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	<	0.005	19 - mg/L	0	0999 - See Permit	24 - COMP24
01045	Iron, total [as Fe]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	<	0.1	19 - mg/L	0	0999 - See Permit	24 - COMP24
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	=	0.1	19 - mg/L	0	0999 - See Permit	24 - COMP24
01051	Lead, total [as Pb]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	-	<	0.01	19 - mg/L	0	0999 - See Permit	24 - COMP24

01065	Manganese, total [as Mn]	1 - Effluent Gross	0	-	-	Sample Period Req Value NOD	0.0207 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0999 - See Permit 0999 - See Permit	24 - COMP24 24 - COMP24
01067	Nickel, total [as Ni]	1 - Effluent Gross	0	-	-	Sample Period Req Value NOD	0.005 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0999 - See Permit 0999 - See Permit	24 - COMP24 24 - COMP24
01077	Silver, total [as Ag]	1 - Effluent Gross	0	-	-	Sample Period Req Value NOD	0.001 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0999 - See Permit 0999 - See Permit	24 - COMP24 24 - COMP24
01082	Zinc, total [as Zn]	1 - Effluent Gross	0	-	-	Sample Period Req Value NOD	0.0196 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0999 - See Permit 0999 - See Permit	24 - COMP24 24 - COMP24
01147	Selenium, total [as Se]	1 - Effluent Gross	0	-	-	Sample Period Req Value NOD	0.005 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0999 - See Permit 0999 - See Permit	24 - COMP24 24 - COMP24
32730	Phenolics, total recoverable	1 - Effluent Gross	0	-	-	Sample Period Req Value NOD	0.005 Req Mon DAILY MX 19 - mg/L	19 - mg/L	0999 - See Permit 0999 - See Permit	GR - GRAB GR - GRAB
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	-	-	Sample Period Req Value NOD	0.557 Req Mon DAILY MX 3M - ng/L	3M - ng/L	0999 - See Permit 0999 - 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@lesinc.com

2024-02-13 09:46 (Time Zone -06:00)

**E-Mail:**

IONSTEAR

Ion Stear

istear@lesinc.com

2024-02-26 10:05 (Time Zone -06:00)

**Date/Time:**

**Report Last Signed By**

**User:**

**Name:**

**E-Mail:**

**Date/Time:**

**VILLAGE OF POPLAR GROVE - NORTH**  
**FOR THE MONTH OF JAN. 2024**  
**MONTHLY OPERATING REPORT**  
**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
31-Dec	08:00	414833		10064.4		31907.70		133.00		0.87	94		42.50		BH
1-Jan	08:00	414970	139	10064.4	0	31914.7	1.50	132.0	2.0	1.1	88	8.00	42	0.5	BH
2-Jan	08:00	415109	129	10064.4	0	31916.20	2.40	130.00	0.5	0.94	80	4.00	41.50	0.3	BH
3-Jan	08:00	415238	126	10064.4	0	31918.60	16.40	129.50	0.5	0.82	76	4.00	41.25	0.3	BH
4-Jan	08:00	415364	152	10064.4	0	31935.00	7.90	129.00	1.0	1.19	72	8.00	41.00	0.8	BH
5-Jan	08:00	415516	104	10064.4	0	31942.90	5.40	128.00	1.0	0.47	64	5.00	40.25	0.3	DH
6-Jan	08:00	415620	154	10064.4	0	31948.30	7.90	127.00	0.2	0.83	59	7.00	40.00	0.5	mjh
7-Jan	08:00	415774	135	10064.4	0	31956.20	6.90	126.80	1.8	0.72	52	6.00	39.50	0.5	mjh
8-Jan	08:00	415909	121	10064.4	0	31963.10	6.30	125.00	0.1	0.86	46	6.00	39.00	0.1	BH
9-Jan	08:00	416030	145	10064.4	0.1	31969.40	7.50	124.90	1.4	0.69	40	6.00	38.90	0.9	BH
10-Jan	08:00	416175	129	10064.5	0	31976.90	6.60	123.50	1.0	1.00	34/100	6.00	38.00	0.0	BH
11-Jan	08:00	416304	125	10064.5	0	31983.50	6.50	122.50	0.5	0.43	94	6.00	38.00	0.8	DH
12-Jan	08:00	416429	132	10064.5	0	31990.00	6.80	122.00	1.0	0.39	88	4.00	37.25	0.3	dh
13-Jan	08:00	416561	129	10064.5	0	31996.80	6.50	121.00	1.0	0.99	84	5.00	37.00	0.5	JH
14-Jan	08:00	416690	170	10064.5	0	32003.30	9.00	120.00	2.0	0.89	79	9.00	36.50	0.5	mjh
15-Jan	08:00	416860	284	10064.5	0	32012.30	14.70	118.00	3.0	1.19	70	14.00	36.00	36.0	dh
16-Jan	08:00	417144	195	10064.5	0	32027.00	10.20	115.00	2.0	0.60	56	8.00	35.00	0.3	dh
17-Jan	08:00	417339	141	10064.5	0	32037.20	7.30	113.00	1.0	0.37	48	6.00	34.75	0.8	dh
18-Jan	08:00	417480	160	10064.5	0	32044.50	8.30	112.00	1.0	0.71	42	8.00	34.00	0.5	dh
19-Jan	08:00	417640	127	10064.5	0	32052.80	6.70	111.00	1.0	0.64	34	4.00	33.50	0.5	DH
20-Jan	08:00	417767	151	10064.5	0	32059.50	7.80	110.00	1.0	0.70	30	8.00	33.00	0.0	mjh
21-Jan	08:00	417918	169	10064.5	0	32067.30	8.70	109.00	0.0	0.61	22/100	6.00	32.90	0.6	mjh
22-Jan	08:00	418087	132	10064.5	0	32076.00	6.80	109.00	1.0	0.18	94	6.00	32.25	0.5	dh
23-Jan	08:00	418219	144	10064.5	0	32082.80	7.90	108.00	1.0	1.06	88	8.00	31.75	0.8	dh
24-Jan	08:00	418363	132	10064.5	0	32090.70	6.40	107.00	1.5	1.39	80	5.00	31.00	0.0	DH
25-Jan	08:00	418495	146	10064.5	0	32097.10	7.50	105.50	2.5	1.43	75	7.00	31.00	0.8	dh
26-Jan	08:00	418641	119	10064.5	0	32104.60	6.20	103.00	1.0	1.15	68	5.00	30.25	0.3	dh
27-Jan	08:00	418760	155	10064.5	0	32110.80	8.00	102.00	1.0	1.17	63	7.00	30.00	0.8	dh
28-Jan	08:00	418915	185	10064.5	0	32118.80	9.50	101.00	3.0	1.20	56	10.00	29.25	0.8	dh
29-Jan	08:00	419100	120	10064.5	0	32128.30	6.20	98.00	2.0	1.39	46	6.00	28.50	0.5	dh
30-Jan	08:00	419220	180	10064.5	0	32134.50	9	96.00	2.0	1.34	40	7.0	28.00	0.8	dh
31-Jan	08:00	419400	115	10064.5	0	32143.50	6.1	94.00	2	1.15	33	5	27.25	0.25	IS
1-Feb	08:00	419515		10064.5		32149.60		92.00		1.46	28		27.00		dh
TOT			4430				229			29.94					
AVE			148				8			0.91					
MAX			284				16			1.46					
MIN			104				2			0.18					

SIGNATURE:  Tom Stear  
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - WEST  
 FOR THE MONTH OF JAN. 2024  
 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 Initials
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	
31-Dec	08:30	385636		8644.12		136.00	1.0	1.08	72	4.00	408.00	BH
1-Jan	08:30	385697	59	8645.63	1.39	135.00	1.0	0.93	66	4.00	406.6	BH
2-Jan	08:30	385756	59	8647.02	1.4	134.00	1.0	1.14	62	6.00	405.20	BH
3-Jan	08:30	385815	59	8648.42	1.4	133.00	1.0	1.21	56	4.00	403.70	BH
4-Jan	08:30	385874	135	8649.82	1.83	132.00	1.0	1.72	52	6.00	402.30	BH
5-Jan	08:30	386009	40	8651.65	1.37	131.00	1.1	0.97	46	5.00	400.40	DH
6-Jan	08:30	386049	31	8653.02	1.86	129.90	1.0	0.87	41	4.00	398.90	mjh
7-Jan	08:30	386080	65	8654.88	1.36	128.90	1.9	0.95	37	5.00	397.30	mjh
8-Jan	08:30	386145	58	8656.24	1.37	127.00	0.0	1.10	32	6.00	395.70	BH
9-Jan	08:30	386203	59	8657.61	1.46	126.00	1.0	1.22	26	4.00	394.20	BH
10-Jan	08:30	386262	59	8659.07	1.35	125.00	0.5	1.12	22/100	4.00	392.90	BH
11-Jan	08:30	386321	58	8660.42	1.35	124.50	1.0	1.09	96	6.00	391.50	dh
12-Jan	08:30	386379	59	8661.77	1.37	123.50	0.5	0.64	90	4.00	390.00	dh
13-Jan	08:30	386438	58	8663.14	1.37	123.00	1.1	0.77	86	5.00	388.80	JH
14-Jan	08:30	386496	103	8664.51	2.36	121.90	1.9	1.38	81	7.00	387.60	mjh
15-Jan	08:30	386599	45	8666.87	1.1	120.00	1.0	1.25	74	4.00	385.50	JH
16-Jan	08:30	386644	68	8667.97	1.61	119.00	0.5	0.68	70	6.00	384.40	dhr
17-Jan	08:30	386712	59	8669.58	1.38	118.50	1.0	0.59	64	6.00	382.90	dh
18-Jan	08:30	386771	77	8670.96	1.23	117.50	1.5	0.98	58	4.00	381.50	dh
19-Jan	08:30	386848	60	8672.19	2.51	116.00	0.5	0.63	54	5.00	379.80	dh
20-Jan	08:30	386908	78	8674.7	1.34	115.50	1.5	1.15	49	7.00	378.50	mjh
21-Jan	08:30	386986	80	8676.04	1.9	114.00	1.5	0.88	42	6.00	377.00	mjh
22-Jan	08:30	387066	101	8677.94	2.38	112.50	1.5	0.94	36	8.00	374.90	dh
23-Jan	08:30	387167	81	8680.32	1.92	111.00	2.0	0.86	28/100	6.00	372.30	dh
24-Jan	08:30	387248	59	8682.24	1.39	109.00	1.0	1.14	94	4.00	370.40	DH
25-Jan	08:30	387307	59	8683.63	1.41	108.00	1.0	1.00	90	6.00	369.00	dh
26-Jan	08:30	387366	57	8685.04	1.35	107.00	1.0	1.10	84	4.00	367.50	dh
27-Jan	08:30	387423	79	8686.39	1.84	106.00	1.0	1.07	80	6.00	366.10	dh
28-Jan	08:30	387502	80	8688.23	1.9	105.00	1.5	0.78	74	8.00	364.20	dh
29-Jan	08:30	387582	58	8690.13	1.37	103.50	0.5	0.75	66	3.00	362.50	dh
30-Jan	08:30	387640	62	8691.5	1.2	103.00	1.0	0.65	63	3.00	361.00	dh
31-Jan	08:30	387702	57	8692.7	1.61	102.00	1	0.89	60	6	359.50	IS
1-Feb	08:30	387759		8694.31		101.00		1.45	54		358.30	dh
TOT			2005					32.98				
AVE			67					1.00				
MAX			135					1.72				
MIN			31					0.59				

SIGNATURE:  Tom Stear  
 PHONE: 815-224-1650

**VILLAGE OF POPLAR GROVE - SOUTH**  
**IL0070300**  
**MONTHLY OPERATING REPORT**  
**FOR THE MONTH OF JAN. 2024**  
**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**  
**DIVISION OF PUBLIC WATER SUPPLIES**

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
31-Dec	08:00	606641		4451.1		4758.10		136.00		1.42	60	1.02	358.20	BH	
1-Jan	09:00	606702	91	4452	1.4	4758.10	0	135.00	2.0	1.44	56	6.00	357.40	BH	
2-Jan	08:00	606793	61	4453.4	1	4758.10	0	133.00	1.0	1.25	50	2.00	357.00	BH	
3-Jan	09:00	606854	60	4454.4	0.9	4758.10	0	132.00	1.5	1.14	48	2.00	355.00	BH	
4-Jan	09:00	606914	89	4455.3	1.4	4758.10	0	130.50	1.0	1.92	46	6.00	354.40	BH	
5-Jan	09:00	607003	30	4456.7	0.5	4758.10	0	129.50	0.5	0.72	40	3.00	353.00	DH	
6-Jan	09:00	607033	91	4457.2	1.4	4758.10	0	129.00	1.5	0.81	37	3.00	352.40	mjh	
7-Jan	09:00	607124	59	4458.6	0.9	4758.10	0	127.50	1.5	0.90	34	4.00	351.40	mjh	
8-Jan	09:00	607183	59	4459.5	1	4758.10	0	126.00	1.5	1.94	30	2.00	350.40	BH	
9-Jan	09:00	607242	59	4460.5	0.9	4758.10	0	124.50	1.5	2.00	28	2.00	349.60	BH	
10-Jan	09:00	607301	90	4461.4	1.4	4758.10	0	123.00	1.0	1.76	26/100	4.00	348.80	BH	
11-Jan	09:00	607391	32	4462.8	0.5	4758.10	0	122.00	1.0	1.22	96	2.00	347.40	dh	
12-Jan	09:00	607423	89	4463.3	1.4	4758.10	0	121.00	1.0	1.14	94	4.00	347.00	dh	
13-Jan	09:00	607512	60	4464.7	0.9	4758.10	0	120.00	1.2	1.19	90	5.00	347.00	dh	
14-Jan	09:00	607572	89	4465.6	0.9	4758.10	0	118.80	1.8	0.76	85	3.00	345.60	mjh	
15-Jan	09:00	607661	57	4466.5	1.4	4758.10	0	117.00	1.0	1.72	82	4.00	345.00	JH	
16-Jan	09:00	607718	58	4467.9	0.9	4758.10	0	116.00	1.0	1.09	78	4.00	344.40	dh	
17-Jan	09:00	607776	59	4468.8	0.9	4758.10	0	115.00	1.0	0.99	74	2.00	342.00	dh	
18-Jan	09:00	607835	60	4469.7	1	4758.10	0	114.00	1.0	0.94	72	2.00	341.80	dh	
19-Jan	09:00	607895	49	4470.7	0.8	4758.10	0	113.00	1.1	0.61	70	3.00	340.40	dh	
20-Jan	09:00	607944	66	4471.5	1	4758.10	0	111.90	1.7	1.23	67	5.00	339.80	mjh	
21-Jan	09:00	608010	89	4472.5	1.3	4758.10	0	110.20	1.2	1.30	62	4.00	338.60	mjh	
22-Jan	09:00	608099	60	4473.8	1	4758.10	0	109.00	1.0	1.04	58	4.00	337.20	dh	
23-Jan	09:00	608159	61	4474.8	0.9	4758.10	0	108.00	1.0	1.17	54	4.00	336.20	dh	
24-Jan	09:00	608220	61	4475.7	1	4758.10	0	107.00	1.0	1.30	50	2.00	335.20	DH	
25-Jan	09:00	608281	61	4476.7	0.9	4758.10	0	106.00	1.0	0.90	48	4.00	334.40	dh	
26-Jan	09:00	608342	60	4477.6	1	4758.10	0	105.00	1.5	1.30	44	2.00	333.60	dh	
27-Jan	09:00	608402	65	4478.6	0.9	4758.10	0	103.50	1.5	1.10	42	2.00	332.80	dh	
28-Jan	09:00	608467	84	4479.5	1.4	4758.10	0	102.00	2.0	1.05	40	6.00	332.00	dh	
29-Jan	09:00	608551	60	4480.9	0.9	4758.10	0	100.00	1.0	0.85	34	2.00	331.80	dh	
30-Jan	09:00	608611	64	4481.8	1	4758.10	0	99.00	1.0	0.69	32/100	2.00	331.00	dh	
31-Jan	09:00	608675	57	4482.8	0.9	4758.10	0	98.00	1	0.88	98	4	330.00	IS	
1-Feb	09:00	608732		4483.7		4758.10		97.00		1.31	94		328.20	dh	
TOT			1973				0			39.08					
AVE			66				0			1.18					
MAX			91				0			2.00					
MIN			30				0			0.61					

Ion Sheer

SIGNATURE:   
PHONE: 815-224-1650

DAILY DISTRIBUTION MONITORING REPORT

VILLAGE OF POPLAR GROVE  
 FOR THE MONTH OF JAN. 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																		
2																		
3	Village	0.87		1.7	Gas	1.05		1.08	Tower	0.94		1.09	BH					
4	Village	0.84		1.62	Garage	1.15		1.45	Tower	1.08		1.31	BH					
5	F.H	0.25		1.73	TOWER	0.95		1.08	Tower	0.92		0.94	DH					
6																		
7																		
8	School	0.68		1.66	Gas	0.93		1.28	Tower	1.05		1.34	BH					
9	Village	0.93		1.56	Garage	0.86		1.16	Tower	1.21		1.2	BH					
10	School	0.99		1.28	Oak lawn	0.93		1.07	Tower	0.99		1.26	BH					
11	tower	0.45		0.91	tower	0.89		0.94	Tower	0.54		0.75	dh					
12																		
13																		
14																		
15																		
16	Village	0.67		1.63	garage	0.59		1.03	tower	0.75		0.59	dh					
17	tower	0.45		1.11	tower	0.59		0.91	tower	0.78		1.01	dh					
18	school	0.88		2.02	gas	0.57		1.08	tower	1.04		1.38	dh					
19	Village	0.65		0.94	Oak Lawn	0.44		1.08	tower	0.94		0.48	dh					
20																		
21																		
22	tower	0.39		1.35	tower	0.9		1.01	tower	0.4		1.15	dh					
23	Village	0.49		1.1	garage	1.11		0.98	tower	0.82		0.84	dh					
24	FH	0.54		1.28	OAK	0.78		1.33	tower	1.09		1.39	DH					
25	School	0.98		1.04	gas	0.77		0.69	tower	1		0.83	dh					
26	tower	1.21		0.92	tower	0.95		1.18	tower	0.97		1.67	dh					
27																		
28																		
29	Village	0.68		1.66	garage	0.94		1.99	tower	1.09		0.76	dh					
30	School	1.26		1.56	gas	0.56		2	tower	0.69		1.24	dh					
31																		
1																		

Signature:  Jon Stear  
 PHONE: 815-224-1650