



2323 Fourth Street, PO Box 483 Peru, IL 61354

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

www.testinc.com

November 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 September 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.
- Weed wacked all lift stations.
- Cleaned inside of all panels and removed any cobwebs and bugs.
- We ordered some chemical from United Laboratories that's supposed to help with the grease in the lift stations.
- We are still waiting for a callback from Collins for them to come out and do our yearly cleaning of the lift stations.

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.



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- Did a deep clean at the north plant.
- Decanted digesters.
- Tested all emergency wash stations.
- Raised levels to get ready for winter.
- We have been doing a lot of prep for winter operation.
- 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.

South WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Tested all emergency wash stations.
- Sent sludge to drying beds.
- We tightened the cable that holds one of the floating mixers.
- We have set up the plant for cold weather/ winter operation.
- We had an issue with one of the influent pumps and had Sable come down to pull and take it back for inspection. We had an issue with another pump that was within days of each other. It's a pump that alternates with the other pump that had an issue as well. Sable will be down to pull and inspect that one. Just like most things with these plants, everything is getting old and is past its life.
- We had the heater checked. The heater in the south plant influent room didn't fire up.

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 with one of the thermostats in Well 5, so we replaced that.
- We got 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
 Permit #: IL0023451
 Major: No
 Permitted Features: 001 External Outfall
 Report Dates & Status: From 09/01/23 to 09/30/23
 Monitoring Period: 10/25/23
 Considerations for Form Completion: **Not DMR Validated**
 BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED MONITORING LOCATION "1" IS FORMONTHLY AVERAGE AND DAILY MAXIMUM MONITORING LOCATION "8" IS FORWEEKLY AVERAGE.

Facility: POPLAR GROVE - NORTH WWTP, VILLAGE OF POPLAR GROVE, IL 61065
 Facility Address: 200 NORTH HILL STREET POPLAR GROVE, IL 61065
 Discharge: 001-0 STP OUTFALL
 DMR Due Date: 10/25/23
 Status: **Not DMR Validated**
 Telephone: 815-224-1650
 Title: Certified Operator

Code	Parameter Name	Monitoring Location	Season #	Param. MGD	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Units	Quality or Concentration	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	>=	7.866	=	7.37	=	6.85	19 - mg/L	02DA - 2 Days Every Week	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-	>=	7.24	=	6.0 MINIMUM	=	8.06	12 - SU	02DA - 2 Days Every Week	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-	<=	18.079	=	62.864	<=	26 - lbd	26 - lbd	02DA - 2 Days Every Week	CP - COMPOS	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	<=	1.016	=	31.0 DAILY MX	<=	1.5 MO AVG	20 - lbd	02DA - 2 Days Every Week	CP - COMPOS	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	=	0.377	=	0.572	=	03 - MGD	03 - MGD	98989 - Continuous	CP - COMPOS	
50060	Chlorine, total residual	1 - Effluent Gross	0	-	<=	18.0 MO AVG	<=	31.0 DAILY MX	<=	1.5 MO AVG	20 - lbd	02DA - 2 Days Every Week	GR - GRAB	
74055	Coliform, fecal general	1 - Effluent Gross	0	-	=	0.377	=	0.572	=	03 - MGD	03 - MGD	98989 - Continuous	CP - COMPOS	
80062	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	<=	8.253	=	18.865	<=	26 - lbd	26 - lbd	02DA - 2 Days Every Week	CP - COMPOS	

Code	Parameter Name	Monitoring Location	Season #	Param. MGD	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Units	Quality or Concentration	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	>=	7.866	=	7.37	=	6.85	19 - mg/L	02DA - 2 Days Every Week	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-	>=	7.24	=	6.0 MINIMUM	=	8.06	12 - SU	02DA - 2 Days Every Week	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-	<=	18.079	=	62.864	<=	26 - lbd	26 - lbd	02DA - 2 Days Every Week	CP - COMPOS	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	<=	1.016	=	31.0 DAILY MX	<=	1.5 MO AVG	20 - lbd	02DA - 2 Days Every Week	CP - COMPOS	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	=	0.377	=	0.572	=	03 - MGD	03 - MGD	98989 - Continuous	CP - COMPOS	
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74055	Coliform, fecal general	1 - Effluent Gross	0	-	=	0.377	=	0.572	=	03 - MGD	03 - MGD	98989 - Continuous	CP - COMPOS	
80062	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	<=	8.253	=	18.865	<=	26 - lbd	26 - lbd	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 OF

User:

eburngamer

Name:

Elaine Burngamer

E-Mail:

eburngamer@testinc.com

Date/Time:

2023-10-20 08:48 (Time Zone: -05:00)

Report Last Signed By

User:

IONSTEAR

Name:

Ion Stear

E-Mail:

istear@testinc.com

Date/Time:

2023-10-24 11:28 (Time Zone: -05:00)

DMR Copy of Record

Permit
 Permit #: **IL0023451**
 Major: **No**
 Permitted Feature: **INF Influent Structure**
 Report Dates & Status: **From 09/01/23 to 09/30/23**
 Monitoring Period: **10/25/23**
 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: **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-L INFLUENT MONITORING**
 DMR Due Date: **10/25/23**
 Status: **NetDMR Validated**

Monitoring Location: **G - Raw Sewage Influent**
 Session # **0**
 Session # **0**
 Session # **0**
 Title: **Certified Operator**
 Telephone: **815-224-1650**

Code	Parameter Name	Monitoring Location	Session #	Param. 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	---	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	19 - mg/L	0	02DA - 2 Days Every Week	CP - COMPOS
00500	Solids, total suspended	G - Raw Sewage Influent	0	---	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	19 - mg/L	0	02DA - 2 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	---	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	03 - MGD	0	99599 - Continuous	99599 - 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: **Elaime Bungamer**
E-Mail: **ebungamer@iestinc.com**
Date/Time: **2023-10-19 14:50 (Time Zone: -05:00)**

Report Last Signed By: **IONSTEAR**
User: **Ion Stear**
Name: **ion Stear**
E-Mail: **istear@iestinc.com**
Date/Time: **2023-10-24 11:28 (Time Zone: -05:00)**

DMR Copy of Record

Permit
 Permit #: **IL0071447**
 Major: **Yes**
 Permitted Features: **001 External Outfall**
 Report Dates & Status: **From 09/01/23 to 09/30/23**
 Monitoring Period: **From 09/01/23 to 09/30/23**
 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 (NOD): **No**
 Form NOD: **No**

Facility: **POPLAR GROVE SOUTH STP, VILLAGE OF**
 Facility Location: **12211 STATE ROUTE 78
 POPLAR GROVE, IL 61065**
 State: **NeIDMR Validated**
 Telephone: **815-224-1650**
 Permittee Address: **POPLAR GROVE, VILLAGE OF
 200 S HILL ST
 POPLAR GROVE, IL 61065**
 Discharge: **001-D
 STP OUTFALL**
 DMR Due Date: **10/25/23**
 Certified Operator

Code	Parameter Name	Monitoring Location	System #	Permit NOD	Sample	Permit Req. Value	Sample Value	Permit NOD	Quality or Concentration	Units	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample Permit Req. Value NOD	8.916	7.34	-	8.916	MN	>=	4.5 MN	WK AV	>=	4.0 DAILY	MN	03DW - 3 Days Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	6.87	8.05	-	6.87	>=	MINIMUM	6.0					03DW - 3 Days Every Week	GR - GRAB
00500	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	8.557	24.0	-	250.0 MO AVG	26 - lb/d	<=	15.212					03DW - 3 Days Every Week	GR - GRAB
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	0.331	0.174	-	31.0 MO AVG	26 - lb/d	<=	98.0 DAILY MX					03DW - 3 Days Every Week	GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	0.331	0.174	-	31.0 MO AVG	26 - lb/d	<=	98.0 DAILY MX					03DW - 3 Days Every Week	GR - GRAB
00650	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	0.228	0.387	-	21.0 MO AVG	26 - lb/d	<=	1.0 MO AVG					03DW - 3 Days Every Week	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	0.228	0.387	-	21.0 MO AVG	26 - lb/d	<=	1.0 MO AVG					03DW - 3 Days Every Week	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	0.228	0.387	-	21.0 MO AVG	26 - lb/d	<=	1.0 MO AVG					03DW - 3 Days Every Week	GR - GRAB

Sample ID	Parameter	Units	Frequency	Value	Limit	Pass/Fail	Remarks
74055	Coliform, fecal general	1 - Effluent Gross	0	--			
90082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--			

Submission Note

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Edit Check Errors

No errors

Comments

Attachments

Report Last Saved By

POPULAR GROVE VILLAGE OF

User: ebumgamer

Name: Elaine Bumgamer

E-Mail: ebumgamer@lestinc.com

Date/Time: 2023-10-19 14:56 (Time Zone: -05:00)

Report Last Signed By

User: IONSTEAR

Name: Ion Stear

E-Mail: istear@lestinc.com

Date/Time: 2023-10-24 11:28 (Time Zone: -05:00)

VILLAGE OF POPLAR GROVE - WEST IL0070350
 FOR THE MONTH OF September 2023 MONTHLY OPERATING REPORT
 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
31-Aug		377898	0	8460.61	0	140.00	0.0	0.58	71	0.00	1.11	415.50	0.00	
1-Sep		377960	87	8462.07	2.04	139.10	0.9	0.92	69	3.00	1.38	414.50	1.60	mjh
2-Sep		378047	59	8464.11	1.36	138.20	1.7	1.06	66	2.00	1.11	412.90	0.80	mjh
3-Sep		378106	66	8465.47	1.64	136.50	0.7	0.81	64	3.00	0.73	412.10	0.80	mjh
4-Sep		378172	82	8467.11	1.83	135.81	1.6	1.07	61	2.00	1.71	411.30	1.70	mjh
5-Sep		378254	57	8468.94	1.33	134.20	0.7	1.22	59	3.00	2.70	409.60	1.00	mjh
6-Sep		378311	85	8470.27	2.01	133.50	1.5	1.22	56	2.00	1.13	408.60	0.80	mjh
7-Sep		378396	36	8472.28	0.82	132.00	1.0	0.98	54	2.00	1.73	407.80	0.50	dh
8-Sep		378432	82	8473.1	1.92	131.00	0.0	1.31	52	4.00	1.19	407.30	1.30	mjh
9-Sep		378514	57	8475.02	1.35	130.90	1.0	0.98	48	1.00	1.90	406.00	0.90	mjh
10-Sep		378571	90	8476.37	2.11	130.00	1.0	1.04	47	5.00	1.34	405.10	1.80	mjh
11-Sep		378661	59	8478.48	1.36	129.00	1.0	0.35	42	42.00	1.28	403.30	0.90	dh
12-Sep		378720	46	8479.84	1.08	128.00	0.1	0.57	40	2.00	0.89	402.40	0.50	dh
13-Sep		378766	72	8480.92	1.69	127.90	0.0	0.60	38	2.00	2.05	401.90	1.30	mjh
14-Sep		378838	58	8482.61	1.36	127.90	1.9	0.27	36	4.00	0.90	400.60	0.80	dh
15-Sep		378896	59	8483.97	1.38	126.00	1.0	1.70	32	2.00	1.62	399.80	0.80	DH
16-Sep		378955	56	8485.35	1.52	125.00	0.0	0.62	30/100	0.00	1.71	399.00	1.20	dh
17-Sep		379011	89	8486.87	1.92	125.00	0.0	1.91	100	4.00	1.52	397.80	1.30	JH
18-Sep		379100	56	8488.79	2.09	125.00	1.0	1.05	96	2.00	2.32	396.50	0.80	dh
19-Sep		379156	60	8490.88	0.59	124.00	1.0	0.68	94	4.00	1.72	395.70	1.30	dh
20-Sep		379216	62	8491.47	1.45	123.00	0.0	0.69	90	2.00	1.44	394.40	1.30	dh
21-Sep		379278	42	8492.92	0.99	123.00	0.1	0.42	88	0.00	0.82	393.10	0.90	dh
22-Sep		379320	57	8493.91	1.33	122.90	0.5	0.31	88	3.00	1.42	392.20	0.90	dh
23-Sep		379377	60	8495.24	1.41	122.40	0.5	1.25	85	1.00	2.04	391.30	0.60	mjh
24-Sep		379437	89	8496.65	2.09	121.90	0.9	1.11	84	4.00	1.67	390.70	1.50	mjh
25-Sep		379526	57	8498.74	1.34	121.00	1.0	0.66	80	2.00	2.00	389.20	1.00	dh
26-Sep		379583	56	8500.08	1.3	120.00	0.1	1.03	78	2.00	2.69	388.20	0.70	dh
27-Sep		379639	45	8501.38	1.03	119.90	0.4	0.43	76	2.00	2.22	387.50	0.70	mjh
28-Sep		379684	19	8502.41	0.39	119.50	0.6	1.01	74	2.00	1.54	386.80	0.60	mjh
29-Sep		379703	105	8502.8	2.55	118.90	3.1	1.22	72	3.00	1.43	386.20	0.30	mjh
30-Sep		379808	67	8505.35	1.55	115.80	2.3	2.80	69	3.00	1.55	385.90	0.70	mjh
1-Oct		379875	0	8506.9	0	113.50		2.03	66		1.23	385.20	0.00	mjh
TOT			1915					31.90						
AVE			62					1.00						
MAX			105					2.80						
MIN			0					0.27						

SIGNATURE:  Ion Stear
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF September 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	lbs Used	
31-Aug		597695	0	4312	0	4758.10	0	135.00	0.0	1.10	57	0.00	422.00	0.00	mjh	
1-Sep		597823	154	4314	2.4	4758.10	0	133.00	1.8	0.91	51	7.00	419.20	3.00	mjh	
2-Sep		597977	90	4316.4	1.4	4758.10	0	131.20	1.1	1.02	44	4.00	416.20	1.80	mjh	
3-Sep		598067	156	4317.8	2	4758.10	0	130.10	2.2	1.62	40	7.00	414.40	3.00	mjh	
4-Sep		598223	159	4319.8	2.9	4758.10	0	127.90	2.4	1.07	33	6.00	411.40	3.60	mjh	
5-Sep		598382	94	4322.7	1.4	4758.10	0	125.50	2.3	0.63	27/100	4.00	407.80	2.00	mjh	
6-Sep		598476	92	4324.1	1.4	4758.10	0	123.20	1.2	0.90	96	6.00	405.80	5.40	mjh	
7-Sep		598568	91	4325.5	1.5	4758.10	0	122.00	0.8	1.82	90	3.00	400.40	1.60	DH	
8-Sep		598659	79	4327	1.2	4758.10	1	121.20	1.2	0.45	87	7.00	398.80	1.60	mjh	
9-Sep		598738	122	4328.2	1.9	4759.10	0	120.00	0.6	1.20	80	5.00	397.20	2.60	mjh	
10-Sep		598860	123	4330.1	1.9	4759.10	0	119.40	1.4	0.70	75	7.00	394.60	2.40	mjh	
11-Sep		598983	88	4332	1.3	4758.10	0	118.00	1.0	1.24	68	4.00	392.20	1.80	dh	
12-Sep		599071	61	4333.3	1	4758.10	0	117.00	0.1	0.51	64	4.00	390.40	1.20	dh	
13-Sep		599132	92	4334.3	1.4	4758.10	0	116.90	0.9	0.60	60	4.00	389.20	2.00	mjh	
14-Sep		599224	91	4335.7	1.4	4758.10	0	116.00	2.0	0.54	56	6.00	387.20	1.80	dh	
15-Sep		599315	59	4337.1	0.9	4758.10	0	114.00	1.0	1.39	50	2.00	385.40	1.20	DH	
16-Sep		599374	89	4338	1.4	4758.10	0	113.00	1.0	2.00	48	4.00	384.20	2.00	dh	
17-Sep		599463	106	4339.4	1.8	4758.10	0	112.00	1.0	1.25	44	6.00	382.20	2.20	JH	
18-Sep		599569	78	4341.2	1.1	4758.10	0	111.00	1.0	0.75	38	4.00	380.00	1.80	dh	
19-Sep		599647	90	4342.3	1.4	4758.10	0	110.00	1.0	0.90	34	34.00	378.20	1.80	dh	
20-Sep		599737	61	4343.7	0.9	4758.10	0	109.00	0.0	0.51	30	2.00	376.40	1.40	dh	
21-Sep		599798	89	4344.6	1.4	4758.10	0	109.00	1.0	2.12	28	6.00	375.00	1.80	dh	
22-Sep		599887	61	4346	0.9	4758.10	0	108.00	1.5	0.60	22/100	2.00	373.20	1.40	dh	
23-Sep		599948	61	4346.9	1	4758.10	0	106.50	1.0	1.42	98	4.00	371.80	1.20	mjh	
24-Sep		600009	122	4347.9	1.9	4758.10	0	105.50	1.5	1.54	94	6.00	370.60	2.60	mjh	
25-Sep		600131	61	4349.8	0.9	4758.10	0	104.00	2.0	2.00	88	4.00	368.00	1.40	dh	
26-Sep		600192	0	4350.7	0.9	4758.10	0	102.00	0.9	1.45	84	3.00	366.60	1.20	dh	
27-Sep		600250	92	4351.6	1.5	4758.10	0	101.10	1.6	1.04	81	5.00	365.40	1.80	mjh	
28-Sep		600342	66	4353.1	1	4758.10	0	99.50	1.0	1.10	76	3.00	363.60	1.40	mjh	
29-Sep		600408	69	4354.1	1.1	4758.10	0	98.50	2.2	1.23	73	3.00	362.20	1.40	mjh	
30-Sep		600477	58	4355.2	1.1	4758.10	0	96.30	1.8	1.71	70	70.00	360.80	2.40	mjh	
1-Oct		600535	0	4356.3	0	5758.10	0	94.50	0.0	1.49	0	0.00	358.40	0.00	mjh	
			0				0		0.0			0.00				
			0													
TOT			0				1			36.81					44.70	
AVE			86				0			1.15					1.40	
MAX			159				1			2.12					2.29	
MIN			0				0			0.45					0.75	

Jon Stear

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VILLAGE OF POPLAR GROVE
 DAILY DISTRIBUTION MONITORING REPORT

FOR THE MONTH OF September 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 ₂	Total Cl ₂	PO ₄	Site #	Free Cl ₂	Total Cl ₂	PO ₄	Site #	Free Cl ₂	Total Cl ₂	PO ₄	Slope Standard	Well #2	Well #3	Well #4	Well#5-6
1	Fh	0.94		1.9	tower	0.76		1.32	tower	0.97		1.07	mjh				
2																	
3																	
4																	
5	school	1.19		1.7	tower	1.19		1.8	golf	0.87		1.35	mjh				
6	tower	1.45		1.87	garage	1.16		1.37	golf	0.49		2.31	mjh				
7	village	1.01		1.94	gas	0.23		0.59	tower	0.68		1.44	dh				
8	Fh	0.92		1.97	garage	0.88		1.24	golf	0.45		1.72	mjh				
9																	
10																	
11	tower	1.37		1.51	tower	0.39		1.14	tower	0.42		1.56	dh				
12	school	1.67		1.14	garage	0.31		1.76	gc	0.52		1.16	dh				
13	school	1.29		2.2	tower	1.1		1.45	golf	0.5		1.93	mjh				
14	village	1.14		1.54	Gas	0.15		0.9	tower	0.37		1.06	dh				
15	FH	0.81		1.45	TOWER	0.55		1.2	GC	0.39		1.2	DH				
16																	
17																	
18	school	1.2		1.43	tower	0.75		0.74	tower	0.16		1.2	dh				
19	tower	1.39		1.61	garage	0.58		1.18	GC	0.41		1.21	dh				
20	village	1.28		2.01	gas	0.49		0.78	tower	0.25		1.37	dh				
21	fh	0.46		1.3	oak	0.42		1.34	GC	0.11		0.89	DH				
22	tower	1.59		1.05	tower	0.26		1.24	tower	0.25		1.5	dh				
23																	
24																	
25	school	1.49		2.26	garage	0.15		1.15	tower	0.6		1.89	dh				
26	village	0.55		1.72	tower	0.06		1.79	GC	0.11		1.34	dh				
27	school	1.37		1.69	gas	0.15		1.18	gc	0.25		1.91	mjh				
28	village	1.86		1.68	garage	0.44		1.2	gc	0.3		1.75	mjh				
29	school	1.69		1.56	gas	0.6		1.53	gc	0.30		1.7	mjh				
30																	
31																	
1																	

Signature:  Jon Stear
 PHONE: 815-274-1650

VILLAGE OF POPLAR GROVE - NORIH
FOR THE MONTH OF September 2023
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	lbs Used
31-Aug	07:00	397876	0	10064.2	0	31035.00	8.90	117.50	3.0	1.93	53	8.00	1.97	44.00	0.5	mjh
1-Sep	07:00	398033	213	10064.2	0	31043.90	10.90	114.50	3.5	1.80	45	9.00	1.00	43.50	0.6	mjh
2-Sep	07:00	398246	133	10064.2	0	31054.80	6.80	111.00	2.7	1.46	36	6.00	1.01	42.90	0.8	mjh
3-Sep	07:00	398379	183	10064.2	0	31061.60	10.50	108.30	2.8	1.54	30	7.00	2.10	42.10	0.6	mjh
4-Sep	07:00	398562	207	10064.2	0	31072.10	9.50	105.50	3.7	1.12	23/100	9.00	1.35	41.50	0.6	mjh
5-Sep	07:00	398769	140	10064.2	0	31081.60	7.10	101.80	2.8	1.53	91	7.00	0.99	40.90	0.9	mjh
6-Sep	07:00	398909	189	10064.2	0	31088.70	9.80	99.00	3.0	1.45	84	8.00	1.87	40.00	1.0	mjh
7-Sep	07:00	399098	127	10064.2	0	31098.50	7.00	96.00	1.5	1.49	76	6.00	0.38	39.00	0.1	Dh
8-Sep	07:00	399225	180	10064.2	0	31105.50	6.40	94.50	3.1	1.63	70	7.00	1.41	38.90	0.9	mjh
9-Sep	07:00	399405	101	10064.2	0	31111.90	7.50	91.40	2.5	1.74	63	6.00	2.01	38.00	0.2	mjh
10-Sep	07:00	399506	206	10064.2	0	31119.40	11.00	88.90	4.9	1.45	57	9.00	1.82	37.80	0.8	mjh
11-Sep	07:00	399712	132	10064.2	0	31130.40	6.20	84.00	2.0	1.57	48	6.00	1.55	37.00	0.8	dh
12-Sep	07:00	399844	131	10064.2	0	31136.60	6.70	82.00	2.1	1.83	42	5.00	0.86	36.25	0.5	dh
13-Sep	07:00	399975	159	10064.2	0	31143.30	8.20	79.90	3.9	1.48	37	7.00	1.06	35.80	0.8	mjh
14-Sep	07:00	400134	171	10064.2	0	31151.50	8.70	76.00	3.0	1.07	30	8.00	1.43	35.00	0.25	DH
15-Sep	07:00	400305	110	10064.2	0	31160.20	5.60	73.00	1.0	1.45	22	6.00	1.34	34.75	0.25	dh
16-Sep	07:00	400415	136	10064.2	0	31165.80	12.00	72.00	3.0	1.45	16/100	4.00	1.05	34.00	0.5	dh
17-Sep	07:00	400551	205	10064.2	0	31177.80	5.70	69.00	5.0	1.30	96	10.00	0.99	33.50	0.5	JH
18-Sep	07:00	400756	133	10064.2	0	31183.50	6.60	64.00	1.0	0.88	86	6.00	0.95	33.00	0.8	dh
19-Sep	07:00	400889	127	10064.2	0	31190.10	6.50	63.00	3.0	1.77	80	6.00	1.47	32.25	0.8	dh
20-Sep	07:00	401016	128	10064.2	0	31196.60	6.50	60.00	3.0	0.96	74	6.00	1.73	31.50	0.5	dh
21-Sep	07:00	401144	153	10064.2	0	31203.10	7.80	57.00	3.0	1.46	68	6.00	1.43	31.00	0.5	DH
22-Sep	07:00	401297	98	10064.2	0	31210.90	5.00	54.00	1.1	1.63	62	3.00	1.13	30.50	0.5	dh
23-Sep	07:00	401395	133	10064.2	0	31215.90	6.80	52.90	2.7	1.28	59	7.00	1.34	30.00	0.4	mjh
24-Sep	07:00	401528	181	10064.2	0	31222.70	9.20	50.20	4.2	1.46	52	10.00	1.38	29.60	0.6	mjh
25-Sep	07:00	401709	125	10064.2	0	31231.90	6.50	46.00	2.0	1.12	42	6.00	1.21	29.00	0.3	dh
26-Sep	07:00	401834	131	10064.2	0	31238.40	6.60	44.00	2.8	1.45	36	5.00	0.87	28.75	0.6	dh
27-Sep	07:00	401965	125	10064.2	0	31245.00	6.40	41.20	2.3	1.63	31	5.00	1.34	28.10	0.3	mjh
28-Sep	07:00	402090	140	10064.2	0	31251.40	7.20	38.90	3.2	1.58	26	5.00	1.48	27.80	0.8	mjh
29-Sep	07:00	402230	122	10064.2	0	31258.60	6.20	35.70	2.2	1.68	21	7.00	1.43	27.00	0.1	mjh
30-Sep	07:00	402352	134	10064.2	0	31264.80	6.90	33.50	3.0	1.26	14/100	4.00	1.20	26.90	0.4	mjh
1-Oct	07:00	402486	0	10064.2	0	31271.70	0.00	30.50	0.0	1.43	96	0.00	1.10	26.50	0.0	mjh
TOT			4453				237			46.88				42.25		
AVE			144				8			1.47				1.32		
MAX			213				12			1.93				2.10		
MIN			0				5			0.88				0.38		

Ion Stair

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