



2323 Fourth Street, PO Box 483 Peru, IL 61354

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

www.testinc.com

October 5, 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 August 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 had an issue at the Ray Street generator. The control board fried out, so we had it repaired. It's back up and working again.

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.
- Did a deep clean at the north plant.
- Decanted digesters.
- Tested all emergency wash stations.
- We bought some chemicals to help treat the duckweed in the EQ tanks. If it works, it will be cheaper than having Evergreen come out and pump it out.
- We have an issue with one of the sand filters. We had a pump go bad and we are going to need a replacement. We had it looked at and the case where the bearing for the top end of the shaft got worn out, and a replacement case is just as much as a new pump.
- We are also going to have Gasvoda come out and look at the disk filter. It is our back up



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and it's having issues getting moving. We've tried a couple of different things to fix it, with no positive results.

South WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Tested all emergency wash stations.
- Send an email to David and Chris about the permit expiring next year. We have to have the application done by March 2014.
- Send sludge to drying beds.
- The same chemicals that we bought for the north plant, we will use at the south plant as well.

Water System:

- Cleaned well houses.
- Weed trimmed all weeds around well houses.
- Cleaned and inspected injectors for all chemicals.
- We pulled apart and then inspected and cleaned all the injectors at all the wells for all the chemicals.
- All required EPA testing has been done.
- We replaced some rollers that were worn out at well 4 & well 5.
- We should start to think about having the water towers inspected again. We had it done 5 years ago and the IEPA likes to see it done every 3. Chris and I have talked about this a feel like 5 years is a better number.

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 blue ink, appearing to read "Ion Stear".

Ion Stear
Certified Operator/Manager

Permit	IL0023451	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE - NORTH WWTP, VILLAGE OF
Permit #:	No	Permittee Address:	200 NORTH HILL STREET POPLAR GROVE, IL 61065	Facility Location:	205 EDSON RD POPLAR GROVE, IL 61065
Major:					

Permitted Feature:	001 External Outfall	Discharge:	001-0 STP OUTFALL
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Report Dates & Status	Monitoring Period:	From	To	OWR Due Date:	Status:
		08/01/23	08/31/23	09/25/23	NotDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:	John
Certified Operator	
Telephone:	815-224-1650

Last Name:	Star

No Data Indicator (NODI)

Parameter	Quantity or Loading	Quality or Concentration	# of ES	Frequency of Analysis	Sample Type
Medication Loading, Sessom's Program, HSD					

[illegible]

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.

No errors.

Comment

Attachments

REPORT EAST AFRICAN

Name: Kleina BunnarnetE Mail: ehumann@testing.com

Date/Time: 2023-09-21 10:12 (Time)

Report Last Signed By

User: IONSTEAR
Name: Ion Stear
E-Mail: islear@lestinc.com
Date/Time: 2023-09-28 12:21 (Time Zone: -05:00)

Permit Permit #: IL0023451 Major: No		Permittee: Permittee Address: 200 NORTH HILL STREET POPLAR GROVE, IL 61065		Facility: 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 Monitoring Period: From 08/01/23 to 08/31/23 DMR Due Date:					
Status: NotDMR Validated					
BOW ID: W0070150007 Principal Executive Officer					
First Name: Ion Last Name: Stear		Title: Certified Operator		Telephone: 815-224-1650	
No Data Indicator (NODI)					
Form NODI:					
Code	Parameter Name	Monitoring Location	Sample Permit No. Value NODI	Sample Permit Req. Value NODI	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-	02DA - 2 Days Every Week CP - COMPOS 02DA - 2 Days Every Week CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	-	02DA - 2 Days Every Week CP - COMPOS 02DA - 2 Days Every Week CP - COMPOS
50050	Flow, In conduit or thru treatment plant	G - Raw Sewage Influent	0	-	9999 - Continuous 9999 - 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

Attachments
 No attachments.
 Report Last Saved By
 POPLAR GROVE, VILLAGE OF

User:
 User: ebungamer
 Name: Elaine Bungamer
 E-Mail: ebungamer@tstinc.com
 Date/Time: 2023-09-21 10:12 (Time Zone: -05:00)

Report Last Signed By
 User: IONSTEAR
 Name: Ion Stear
 E-Mail: istear@tstinc.com
 Date/Time: 2023-09-28 12:21 (Time Zone: -05:00)

DMR Copy of Record

Permit #: IL0071447 Major: Yes		Permittee: POPLAR GROVE, VILLAGE OF Permittee Address: 200 S HILL ST POPLAR GROVE, IL 61065		Facility: POPLAR GROVE SOUTH STP, VILLAGE OF Facility Location: 12211 STATE ROUTE 78 POPLAR GROVE, IL 61065	
Permitted Feature: 001 External Outfall		Discharge: 001-0 STP OUTFALL			
Report Dates & Status Monitoring Period: From 08/01/23 to 08/31/23 Considerations for Form Completion: BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED. Principal Executive Officer:					
First Name: Ion Last Name: Slear		Title: Certified Operator		Telephone: 815-224-1650	
No Data Indicator (NOD):		Status: NetDMR Validated			
Form NOD:					

Sample Type	# of Ex.	Quantity or Concentration			Quantity or Loading			Sample Permit Req.	Sample Value NOD	Reason #	Monitoring Location	Parameter Name
		Qualifier	Value 1	Value 2	Qualifier	Value 1	Value 2					
GR - GRAB	03DW - 3 Days Every Week										1 - Effluent Gross	Oxygen, dissolved [DO]
GR - GRAB	03DW - 3 Days Every Week										1 - Effluent Gross	pH
CP - COMPOS	03DW - 3 Days Every Week										1 - Effluent Gross	Solids, total suspended
CP - COMPOS	01/30 - Monthly										1 - Effluent Gross	Nitrogen, total [as N]
CP - COMPOS	03DW - 3 Days Every Week										1 - Effluent Gross	Nitrogen, ammonia total [as N]
CP - COMPOS	03DW - 3 Days Every Week										8 - Other Treatment, Process Complete	Nitrogen, ammonia total [as N]
CP - COMPOS	03DW - 3 Days Every Week										1 - Effluent Gross	Phosphorus, total [as P]
											1 - Effluent Gross	Flow, in conduit or thru treatment plant
GR - GRAB	CUOC - Chlorination Occurrences										1 - Effluent Gross	Chlorine, total residual

Permit	IL0071447	POPLAR GROVE, VILLAGE OF	POPLAR GROVE SOUTH STP. VILLAGE OF
Permit #:	Yes	Permittee: 200 S HILL ST POPLAR GROVE, IL 61065	12214 STATE ROUTE 76 POPLAR GROVE, IL 61065
Major:		Permittee Address:	Facility: Facility Location:

Permitted Feature:	INF Influent Structure	Discharge:	INF-L INFLUENT MONITORING
1. Influent Structure 2. Influent Monitoring			

Report Dates & Status		
Monitoring Period:	From 08/01/23 to 09/30/23	DMR Due Date: 09/25/23
		Status: Not DMR Validated

Considerations for Form Completion

BOW ID: W0070150006

Principal Executive Officer

First Name:	Ion	Title:	Certified Operator	Telephone:	815-224-1650
Last Name:	Stear				

Code	Parameter	Monitoring Location	Season & Param. HOD	Quantity at Landing		Quality of Consumption		Units	Frequency of Analysis	Sampling Type
				Qualifier 1	Qualifier 2	Qualifier 1	Qualifier 2			
				Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3		

00310	BOD, 3-day, 20 deg. C	G - Raw Sewage Influent	0	-	Permit Req. Value NOD		Req Mon MO AVG	19 - mg/L	03DW - 3 Days Every Week CP - COMPOS
00550	Solids, total suspended	G - Raw Sewage Influent	0	-	Sample Permit Req. Value NOD	107.857	Req Mon MO AVG	19 - mg/L 19 - mg/L	03DW - 3 Days Every Week CP - COMPOS 03DW - 3 Days Every Week CP - COMPOS
00685	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	3.952	Req Mon MO AVG	19 - mg/L Req Mon DAILY MX 19 - mg/L	03DW - 3 Days Every Week CP - COMPOS 03DW - 3 Days Every Week CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-	Sample Permit Req. Value NOD	0.163	Req Mon MO AVG	03 - MGD Req Mon DAILY MX 03 - MGD	9999 - Continuous 9999 - Continuous

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.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User: ebungamer

Name: _____
 Date: _____
 Page: _____

2023-09-21 10:15 (Time Zone: +05:00)

Report Last Signed By

User: IONSTEAR

Name: _____
Ion Stear

E-Mail: istear@testing.com

DATA FILE:

VILLAGE OF POPLAR GROVE - NORTH
 FOR THE MONTH OF August 2023
 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	
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale		lbs Used
31-Jul	07:00	392805		10064.1		30778.70		58.00		1.17	25		1.03	29.10		Mjh
1-Aug	07:00	392955	141	10064.1	0	30785.80	6.20	56.00	2.5	1.23	19/100	6.00	1.32	28.90	0.8	Mjh
2-Aug	07:00	393096	157	10064.1	0	30792.00	8.90	53.50	2.0	1.23	96	7.00	1.39	28.10	0.1	Mjh
3-Aug	07:00	393253	173	10064.1	0	30800.90	8.80	51.50	2.5	1.26	89	8.00	1.29	28.00	0.9	Mjh
4-Aug	07:00	393426	145	10064.1	0	30809.70	9.00	49.00	3.0	1.53	81	7.00	1.26	27.10	0.1	Mjh
5-Aug	07:00	393571	202	10064.1	0	30818.70	8.62	46.00	3.0	1.48	74	6.00	1.27	27.00	1.0	Jh
6-Aug	07:00	393773	152	10064.1	0	30827.32	7.78	43.00	1.5	1.38	68	7.00	1.19	26.00	0.5	Jh
7-Aug	07:00	393925	144	10064.1	0	30835.10	12.20	41.50	2.0	1.16	61	6.00	1.21	25.50	0.4	Mjh
8-Aug	07:00	394069	181	10064.1	0	30847.30	4.10	39.50	3.5	1.08	55	9.00	1.98	25.10	0.1	Mjh
9-Aug	07:00	394250	143	10064.1	0	30851.40	7.30	36.00	1.1	1.26	46	5.00	1.14	25.00	0.5	DH
10-Aug	07:00	394393	147	10064.1	0	30858.70	7.80	34.90	2.9	1.33	41	5.00	0.90	24.50	0.5	Mjh
11-Aug	07:00	394540	165	10064.1	0	30866.50	8.10	32.00	3.0	1.27	36	9.00	0.80	24.00	0.1	Mjh
12-Aug	07:00	394705	204	10064.1	0	30874.60	9.40	29.00	3.5	1.55	27	8.00	1.01	23.90	0.8	Mjh
13-Aug	07:00	394909	137	10064.1	0	30884.00	7.90	25.50	2.0	1.38	19/100	8.00	1.45	23.10	0.1	Mjh
14-Aug	07:00	395046	156	10064.1	0	30891.90	7.90	23.50	3.5	0.88	94	6.00	1.49	23.00	0.5	Mjh
15-Aug	07:00	395202	133	10064.1	0	30899.80	6.80	20.00	3.0	1.44	88	7.00	1.17	22.50	0.5	Mjh
16-Aug	07:00	395335	145	10064.1	0	30906.60	7.80	17.00	2.0	1.81	81	5.00	1.86	22.00	0.3	Mjh
17-Aug	07:00	395480	143	10064.1	0	30914.40	6.80	15.00	2.1	0.54	76	7.00	2.29	21.75	0.7	DH
18-Aug	07:00	395623	165	10064.1	0	30921.20	8.30	12.90	1.9	1.59	69	7.00	1.90	21.50/51.00	0.8	Mjh
19-Aug	07:00	395788	176	10064.1	0	30929.50	9.00	11/157.9	4.0	1.65	62	6.00	1.42	50.90	0.1	Mjh
20-Aug	07:00	395964	165	10064.1	0	30938.50	8.40	153.90	2.8	1.98	56	9.00	1.49	50.10	0.3	Mjh
21-Aug	07:00	396129	205	10064.1	0	30946.90	10.80	151.10	4.1	1.70	47	9.00	1.69	49.80	0.8	Mjh
22-Aug	07:00	396334	153	10064.1	0	30957.70	7.30	147.00	3.9	1.75	38	7.00	0.70	49.00	0.2	Dh
23-Aug	07:00	396487	176	10064.1	0	30965.00	9.00	143.10	3.1	1.85	31	8.00	1.31	48.80	0.8	Mjh
24-Aug	07:00	396663	175	10064.1	0	30974.00	12.90	140.00	3.9	1.56	23	6.00	1.45	48.00	0.9	Mjh
25-Aug	07:00	396838	144	10064.1	0	30986.90	3.40	136.10	2.1	1.66	7/100	6.00	1.89	47.10	0.3	Mjh
26-Aug	07:00	396982	165	10064.1	0	30990.30	8.40	134.00	2.5	1.84	94	9.00	1.32	46.80	0.4	Mjh
27-Aug	07:00	397147	212	10064.1	0	30998.70	10.80	131.50	4.6	1.27	85	9.00	1.88	46.40	0.6	Mjh
28-Aug	07:00	397359	154	10064.1	0	31009.50	7.90	126.90	3.4	2.05	76	7.00	0.67	45.80	0.8	Mjh
29-Aug	07:00	397513	188	10064.1	0	31017.40	8.60	123.50	3.0	1.73	69	9.00	0.88	45.00	0.2	Mjh
30-Aug	07:00	397701	175	10064.1	0	31026.00	9.00	120.50	3.0	1.40	60	7.00	1.50	44.80	0.8	Mjh
31-Aug	07:00	397876	157	10064.1	0	31035.00	8.90	117.50	3.0	1.93	53	8.00	1.97	44.00	0.2	Mjh
1-Sep	07:00	398033		10064.1		31043.9		114.5		1.8	45		1	44		Mjh
TOT			4921				249			48.74						
AVE			164				8			1.48						
MAX			212				13			2.05						
MIN			133				3			0.54						

Ion Stear

SIGNATURE:
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - WEST
 FOR THE MONTH OF August 2023
 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	Scale	lbs Used	
31-Jul	08:00	375619		8407.7		111.00		0.93	80		1.79	384.20		Mjh
1-Aug	08:00	375705	58	8409.69	1.34	110.00	1.0	1.45	78	5.00	1.21	383.00	1.00	Mjh
2-Aug	08:00	375763	83	8411.03	1.863	109.00	1.5	1.29	73	4.00	1.49	382.00	1.30	Mjh
3-Aug	08:00	375846	59	8412.89	1.427	107.50	1.0	0.92	69	4.00	1.42	380.70	1.00	Mjh
4-Aug	08:00	375905	88	8414.32	2.04	106.50	1.5	1.67	65	3.00	1.82	379.70	1.40	Mjh
5-Aug	08:00	375993	58	8416.36	1.12	105.00	1.0	1.50	62	2.00	1.65	378.30	1.00	Jh
6-Aug	08:00	376051	59	8417.48	1.59	104.00	1.0	1.30	60	2.00	1.42	377.30	0.80	Jh
7-Aug	08:00	376110	88	8419.07	2.03	103.00	1.0	1.20	58	3.00	1.37	376.50	1.20	Mjh
8-Aug	08:00	376198	65	8421.1	1.48	102.00	0.0	0.98	55	3.00	1.53	375.30	1.20	Mjh
9-Aug	08:00	376263	60	8422.58	1.41	101.00	1.0	1.06	52	2.00	1.02	374.10	1.00	Dh
10-Aug	08:00	376323	79	8423.99	1.81	99.00	1.5	1.76	50	2.00	1.18	373.10	1.20	Mjh
11-Aug	08:00	376402	75	8425.8	1.78	97.50	1.0	1.22	48	3.00	1.53	371.90	1.20	Mjh
12-Aug	08:00	376477	89	8427.58	1.76	96.50	2.4	2.15	45	5.00	1.10	370.70	1.40	Mjh
13-Aug	08:00	376566	73	8429.34	1.96	94.10	1.2	1.69	40	2.00	1.23	369.30	1.30	Mjh
14-Aug	08:00	376639	71	8431.3	1.65	92.90	1.1	1.15	38	2.00	2.03	368.00	1.20	Mjh
15-Aug	08:00	376710	87	8432.95	2.03	91.80	1.8	1.65	36	3.00	1.72	366.80	1.40	Mjh
16-Aug	08:00	376797	63	8434.98	1.43	90.00	2.0	1.43	33	3.00	1.07	365.40	1.30	Mjh
17-Aug	08:00	376860	51	8436.41	1.22	88.00	0.5	1.30	30	2.00	1.11	364.10	0.50	Dh
18-Aug	08:00	376911	87	8437.63	2.01	87.5 /159.1	1.1	1.73	28	3.00	1.21	364.00/430	1.70	Mjh
19-Aug	08:00	376998	59	8439.64	1.37	158.00	0.5	1.57	25	1.00	1.87	430.00	1.40	Mjh
20-Aug	08:00	377057	87	8441.01	2.04	157.50	1.0	1.96	24	3.00	1.12	428.60	1.40	Mjh
21-Aug	08:00	377144	90	8443.05	2.06	156.50	3.5	2.17	21/100	4.00	1.47	427.20	1.50	Mjh
22-Aug	08:00	377234	58	8445.11	1.38	153.00	0.1	1.73	96	2.00	1.10	425.70	1.20	Dh
23-Aug	08:00	377292	87	8446.49	2.03	152.90	2.8	2.03	94	3.00	0.92	424.50	1.20	Mjh
24-Aug	08:00	377379	85	8448.52	1.98	150.10	0.9	1.70	91	2.00	1.01	423.60	1.70	Mjh
25-Aug	08:00	377464	57	8450.5	1.31	149.20	1.3	2.15	89	3.00	1.31	421.90	0.90	Mjh
26-Aug	08:00	377521	87	8451.81	2.04	147.90	2.1	1.66	86	4.00	1.21	421.00	1.00	Mjh
27-Aug	08:00	377608	87	8453.85	2.03	145.80	1.9	1.71	82	3.00	1.45	420.00	1.20	Mjh
28-Aug	08:00	377695	85	8455.88	1.99	143.90	1.4	1.15	79	3.00	1.60	418.80	1.70	Mjh
29-Aug	08:00	377780	37	8457.87	0.82	142.50	0.6	2.13	76	2.00	1.11	417.10	0.40	Mjh
30-Aug	08:00	377817	81	8458.69	1.92	141.90	1.9	1.22	74	3.00	0.75	416.70	1.20	Mjh
31-Aug	08:00	377898	62	8460.61	1.46	140.00	0.9	0.58	71	2.00	1.11	415.50	1.00	Mjh
1-Sep	08:00	377960		8462.07		139.10		0.92	69		1.38	414.50		Mjh
TOT			2193					49.06			44.31			
AVE			73					1.49			1.34			
MAX			90					2.17			2.03			
MIN			37					0.58			0.75			

Jon Stear

SIGNATURE:
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF August 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-Jul	09:00	594401		4261.1		4758.10		80.00		0.72	57		1.80	348.40		Mjh
1-Aug	09:00	594492	92	4262.6	1.4	4758.10	0	79.00	2.0	0.89	52	5.00	1.58	346.20	2.00	Mjh
2-Aug	09:00	594584	80	4264	1.9	4758.10	0	77.00	2.0	1.13	47	6.00	1.62	344.20	2.40	Mjh
3-Aug	09:00	594664	46	4265.9	0	4758.10	0	75.00	0.0	1.02	41	1.00	0.97	341.80	0.40	Mjh
4-Aug	09:00	594710	216	4265.9	3.3	4758.10	0	75.00	4.0	0.83	40	10.00	1.66	341.40	4.60	Mjh
5-Aug	09:00	594926	91	4269.2	1.4	4758.10	0	71.00	1.0	1.22	30	6.00	1.25	336.80	2.00	Jh
6-Aug	09:00	595017	122	4270.6	1.9	4758.10	0	70.00	2.0	1.16	24	5.00	1.20	334.80	2.40	Jh
7-Aug	09:00	595139	90	4272.5	1.4	4758.10	0	68.00	1.2	1.01	19	9.00	1.68	332.40	2.00	Mjh
8-Aug	09:00	595229	117	4273.9	1.8	4758.10	0	66.80	1.8	0.91	10/100	6.00	1.32	330.40	2.60	Mjh
9-Aug	09:00	595346	36	4275.7	0.6	4758.10	0	65.00	0.5	0.00	94	2.00	1.32	327.80	0.80	Dh
10-Aug	09:00	595382	129	4276.3	2	4758.10	0	64.50	1.6	1.79	92	6.00	1.47	327.00	2.80	Mjh
11-Aug	09:00	595511	89	4278.3	1.4	4758.10	0	62.90	1.4	0.77	86	6.00	0.91	324.20	2.00	Mjh
12-Aug	09:00	595600	123	4279.7	1.9	4758.10	0	61.50	2.0	1.03	80	5.00	1.17	322.20	2.80	Mjh
13-Aug	09:00	595723	76	4281.6	1.1	4758.10	0	59.50	1.6	0.89	75	9.00	1.80	319.40	1.40	Mjh
14-Aug	09:00	595799	73	4282.7	1.2	4758.10	0	57.90	1.0	1.02	66	8.00	1.26	318.00	1.60	Mjh
15-Aug	09:00	595872	204	4283.9	3.1	4758.10	0	56.90	3.4	1.09	58	2.00	1.22	316.40	3.60	Mjh
16-Aug	09:00	596076	61	4287	0.9	4758.10	0	53.50	1.5	0.81	56	2.00	1.28	312.80	2.40	Mjh
17-Aug	09:00	596137	90	4287.9	1.4	4758.10	0	52.00	2.9	1.82	54	5.00	1.83	310.40	2.60	Dh
18-Aug	09:00	596227	90	4289.3	1.4	4758.10	0	50.90/160	2.0	1.13	49	3.00	1.71	308.6/451.8	2.70	Mjh
19-Aug	09:00	596317	91	4290.7	1.4	4758.10	0	159.50	0.5	1.21	46	6.00	1.32	450.20	2.20	Mjh
20-Aug	09:00	596408	131	4292.1	2	4758.10	0	157.90	2.4	2.02	40	5.00	1.46	448.40	3.00	Mjh
21-Aug	09:00	596539	147	4294.1	2.4	4758.10	0	155.50	3.5	1.48	35	7.00	1.38	445.40	3.00	Mjh
22-Aug	09:00	596686	98	4296.5	1.4	4758.10	0	152.00	0.1	1.40	28	7.00	1.34	442.40	2.00	Dh
23-Aug	09:00	596784	124	4297.9	0	4758.10	0	151.90	2.8	1.27	21	5.00	1.35	440.40	2.40	Mjh
24-Aug	09:00	596908	128	4297.9	3.9	4758.10	0	149.10	2.0	1.65	16/100	6.00	1.22	438.00	2.40	Mjh
25-Aug	09:00	597036	104	4301.8	1.7	4758.10	0	147.10	2.1	1.77	94	6.00	0.98	435.60	2.40	Mjh
26-Aug	09:00	597140	72	4303.5	1.4	4758.10	0	145.00	1.2	1.28	88	6.00	1.01	433.20	0.00	Mjh
27-Aug	09:00	597212	142	4304.9	1.9	4758.10	0	143.80	2.6	1.34	82	6.00	1.10	431.40	2.40	Mjh
28-Aug	09:00	597354	127	4306.8	1.9	4758.10	0	141.20	2.0	1.36	76	6.00	2.32	429.00	2.60	Mjh
29-Aug	09:00	597481	101	4308.7	1.6	4758.10	0	139.20	2.3	1.15	70	6.00	1.68	426.40	2.00	Mjh
30-Aug	09:00	597582	113	4310.3	1.7	4758.10	0	136.90	1.9	1.22	64	7.00	1.25	424.40	2.40	Mjh
31-Aug	09:00	597695	128	4312	2	4758.10	0	135.00	2.0	1.10	57	6.00	1.21	422.00	2.80	Mjh
1-Sep	09:00	597823		4314		4758.10		133.00		0.91	51		1.95	419.20		Mjh
TOT			3203				0			38.40			46.62			
AVE			107				0			1.16			1.41			
MAX			216				0			2.02			2.32			
MIN			36				0			0.00			0.91			

SIGNATURE:  Jon Stear
PHONE: 815-224-1650

DAILY DISTRIBUTION MONITORING REPORT

**VILLAGE OF POPLAR GROVE
FOR THE MONTH OF August 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)				Operator Initials	Slope Standard	Fluoride 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			Well #2	Well #3	Well #4	Well #5-6
1	Tower	1.12		1.52	Gas	1.55		0.89	Tower	0.81		1.34	Mjh			0.77	0.76	0.70
2	School	1.05		1.84	Gas	0.82		0.95	Golf	1.04		1.31	Mjh			0.76	0.74	0.83
3	School	1.33		1.78	Garage	0.68		1.46	Tower	1.22		0.93	Mjh			0.58	0.59	0.74
4	Village	1.32		1.47	Oak lawn	0.89		1.09	Golf	0.58		1.47	Mjh			0.89	0.92	0.58
5																0.50	0.56	0.67
6																0.54	0.60	1.30
7	Tower	1.43		1.01	Garage	1.09		1.27	Tower	1.11		1.32	Mjh		1.00	1.10	0.69	0.76
8	School	1.55		1.8	Gas	0.6		1.63	Golf	0.89		1.63	Mjh			0.74	0.65	0.73
9	Village	0.64		1.89	Tower	0.76		1.26	Tower	0.94		1.56	Dh			0.94	0.61	0.68
10	School	1.32		1.27	Oaklawn	1.01		0.87	Golf	0.49		0.92	Mjh			0.98	0.61	2.00
11	School	1.03		1.67	Gas	1.12		1.21	Tower	0.52		1.07	Mjh			0.56	0.57	0.73
12																0.79	0.88	0.73
13																0.83	0.82	0.76
14	School	1.34		2.11	Gas	0.6		1.08	Golf	0.51		1.56	Mjh		1.00	0.74	0.64	0.76
15	Tower	1.2		1.71	Tower	1.17		1.52	Tower	0.98		1.12	Mjh			1.10	1.10	0.98
16	Village	0.6		1.14	Garage	1.21		1.02	Golf	0.92		1.37	Mjh			0.84	0.68	0.74
17																0.90	0.66	2.80
18	School	1.66		1.52	Garage	0.72		1.78	Tower	1.23		1.88	Mjh			0.76	0.90	1.40
19																0.72	0.80	2.00
20																0.68	0.81	1.90
21	F.H	0.99		2.43	Tower	1.27		1.32	Tower	1.09		1.72	Mjh		1.00	0.76	0.80	0.82
22	Village	1.12		1.98	Oaklawn	0.98		0.69	Tower	1.11		1	Dh			0.78	0.66	0.58
23	Tower	1.23		1.34	Gas	0.7		1.19	Golf	1.18		1.32	Mjh			0.57	0.69	0.64
24	Village	1.37		2.1	Tower	1.07		1.32	Tower	1.07		1.5	Mjh			0.78	0.69	0.64
25	School	1.07		1.56	Garage	1.15		1.04	Golf	0.7		1.94	Mjh			0.78	0.81	0.65
26																0.68	0.68	0.72
27																0.92	0.61	0.66
28	School	1.93		1.59	Tower	1.08		1.01	Tower	1.32		1.08	Mjh			0.78	0.57	0.99
29	School	1.8		1.73	Oaklawn	0.9		0.91	Golf	0.50		1.57	Mjh		1.00	0.77	1.00	0.72
30	Village	0.9		1.09	Gas	1.21		1.02	Golf	0.88		1.44	Mjh			0.88	0.59	0.67
31																1.20	0.59	0.72
1	FH	0.94		1.9	Tower	0.76		1.32	Tower	0.97		1.07	Mjh					

Signature:  Ion Stear

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