



2323 Fourth Street, PO Box 483 Peru, IL 61354

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

www.testinc.com

May 6, 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 March 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:

- We've started weed eating around the lift stations.
- We had some call outs with floats and other small issues, but nothing out of the ordinary.
- The grease build up hasn't been too bad, but the south system, mainly Prairie Green Lift Station, is the worst one.
- We received a quote for a spare pump for Collection Point Lift Station. It was around \$33,000.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Rick from Sable was out. He's getting us quotes on all the new pumps. Like I said last month, David and I have gotten together and talked about moving some funding around to fix all the issues.
- We had an issue with the storms that came through. The main lift station had a VFD short out and then kill the whole station. I'm not sure what the problem was just yet because if we install new fuses, it blows them right away. To touch base on this from last month, we were able to confirm the VFD did take a hit from something. We will need to get it replaced. The model VFD that is currently in there is no longer supported and a newer version won't fit the same location. We're exploring options.
- I know we said this in the past, but everything at both plants is well beyond it's life span. We're going to keep seeing failures like this. Some months worse than others. I've been working with Dave as far as budgets are concerned. It's just hard when we're not sure



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what's going to break.

- We had a Gardner Denver digester blower start making noise. We've scheduled a tech from WM Meyer & Sons (where we bought the new blower for the south plant) to come and look at it to see if it can be repaired. It still spins but makes more noise than it should. I'm hoping it can be rebuilt.
- Tested all emergency wash stations.
- We've been working with Gasvoda to try and get the disk filter fixed. NOVA, the company that made the filter, is out of business, so we can't just order the parts we need. **This is still ongoing, without much luck.**

South WWTP:

- Decanted digesters.
- We adjusted the brushes on the fine screen again but trying to find a replacement. The manufacturer of that screen is no longer in business.
- We changed a couple air bags on the decanters.
- We've tried looking for another source for the air bags. As of now, we can only buy them from Aqua Tec, but they are expensive.
- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Tested all emergency wash stations.
- Sludge was moved from the drying beds.

Water System:

- Cleaned well houses.
- All daily checks have been completed.
- Chris and Chelsea have started working on the source water protection plan. This is something the IEPA is making every system in the state do.
- The service line inventory has been completed and sent to the IEPA.
- We had an issue with Well 3. VFD faulted during the night, and it wasn't caught until the following morning. The reason we never received a call was because the phone line was disconnected because of some issues on Frontier's end. The interconnect between the north and west system worked as it should. It did stir up some poor-quality water because the flow was reversed, but residents didn't lose pressure. Just had a few water quality complaints. We have since fixed the phone line, David and the guys flushed the system. We have added calling the wells to our weekly check list to make sure the phone lines are always working. The lift stations and plants call weekly when the generators are exercising.

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.



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

www.testinc.com

Ion Stear
Certified Operator/Manager

DMR Copy of Record

Permit: Permit #: IL0023451 Major: No		Permittee: Permittee Address: 200 NORTH HILL STREET POPULAR GROVE, IL 61065		Facility: Facility Location: POPULAR GROVE - NORTH WWTP VILLAGE OF 205 EDSON RD POPULAR GROVE, IL 61065										
Permitted Feature: 001- External Outfall		Discharger: 001-0 STP OUTFALL												
Report Dates & Status Monitoring Period: From 03/01/24 to 03/31/24		DMR Due Date: 04/25/24		Status: NetDMR Validated										
Considerations for Form Completion BOW ID: W0070150007, DMF LOAD LIMITS DISPLAYED, MONITORING LOCATION "1" IS FORMONTHLY AVERAGE AND DAILY MAXIMUM MONITORING LOCATION "8" IS FORWEEKLY AVERAGE.														
Principal Executive Officer First Name: Ion Last Name: Stear		Certified Operator Title: Telephone: 815-224-1650												
No Data Indicator (NODI) Form NODI:														
Code	Parameter Name	Monitoring Location	Session #	Parent NODI	Sample Permit Req. Value NODI	Quantity of Loading	Quality for Concentration	Frequency of Analysis	Sample Type					
						Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Units	# of Ex.	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	18 - mg/L	02DA - 2 Days Every Week	GR - GRAB
												18 - mg/L	02DA - 2 Days Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	12 - SU	02DA - 2 Days Every Week	GR - GRAB
												12 - SU	02DA - 2 Days Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS
												19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	-	Sample Permit Req. Value NODI	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS
												19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	0	-	Sample Permit Req. Value NODI	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS
												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 NODI	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	9999 - Continuous	9999 - Continuous	GR - GRAB
												9999 - Continuous	9999 - Continuous	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	19 - mg/L	01/30 - Monthly	GR - GRAB
												19 - mg/L	01/30 - Monthly	GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS
												19 - mg/L	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:

ebumgamer

Name:

Elaine Bumgarner

E-Mail:

ebumgamer@testinc.com

Date/Time:

2024-04-24 14:05 (Time Zone -05:00)

Report Last Signed By

User:

IONSTEAR

Name:

Ion Stear

E-Mail:

istear@testinc.com

Date/Time:

2024-04-26 10:49 (Time Zone -05:00)

Parrott

Permit #:	IL0023451	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE - NORTH WWTP, VILLAGE OF
Major:	No	Permittee Address:	200 NORTH HILL STREET POPLAR GROVE, IL 61065	Facility Location:	205 EDSON RD POPLAR GROVE, IL 61065
Permitted Feature:	INF Influent Structure	Discharge:	INF-4 INFLUENT MONITORING		
Report Dates & Status		DMR Due Date:	04/25/24	Status:	Not DMR Validated
Monitoring Period:	From 03/01/24 to 03/31/24				
Considerations for Form Completion					
BOW ID: W0070150007					
Principal Executive Officer					
First Name:	Ion	Title:	Certified Operator	Telephone:	815-224-1650
Last Name:	Steer				
No Data Indicator (NODI)					
Form NODI:					
Code	Parameter	Monitoring Location	Service & Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading Qualifier 1 Qualifier 2 Qualifier 3 Qualifier 4 Qualifier 5 Qualifier 6 Qualifier 7 Qualifier 8 Qualifier 9 Qualifier 10 Qualifier 11 Qualifier 12 Qualifier 13 Qualifier 14 Qualifier 15 Qualifier 16 Qualifier 17 Qualifier 18 Qualifier 19 Qualifier 20 Qualifier 21 Qualifier 22 Qualifier 23 Qualifier 24 Qualifier 25 Qualifier 26 Qualifier 27 Qualifier 28 Qualifier 29 Qualifier 30 Qualifier 31 Qualifier 32 Qualifier 33 Qualifier 34 Qualifier 35 Qualifier 36 Qualifier 37 Qualifier 38 Qualifier 39 Qualifier 40 Qualifier 41 Qualifier 42 Qualifier 43 Qualifier 44 Qualifier 45 Qualifier 46 Qualifier 47 Qualifier 48 Qualifier 49 Qualifier 50 Qualifier 51 Qualifier 52 Qualifier 53 Qualifier 54 Qualifier 55 Qualifier 56 Qualifier 57 Qualifier 58 Qualifier 59 Qualifier 60 Qualifier 61 Qualifier 62 Qualifier 63 Qualifier 64 Qualifier 65 Qualifier 66 Qualifier 67 Qualifier 68 Qualifier 69 Qualifier 70 Qualifier 71 Qualifier 72 Qualifier 73 Qualifier 74 Qualifier 75 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if a parameter row does not contain any values for the Sample nor Efficient 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

100

No attachments.

POPLAR GROVE VILLAGE OF

Country	Year	Value	Unit
USA	1990	1.0	1000
USA	1991	1.0	1000
USA	1992	1.0	1000
USA	1993	1.0	1000
USA	1994	1.0	1000
USA	1995	1.0	1000
USA	1996	1.0	1000
USA	1997	1.0	1000
USA	1998	1.0	1000
USA	1999	1.0	1000
USA	2000	1.0	1000
USA	2001	1.0	1000
USA	2002	1.0	1000
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USA	2022	1.0	1000
USA	2023	1.0	1000
USA	2024	1.0	1000
USA	2025	1.0	1000
USA	2026	1.0	1000
USA	2027	1.0	1000
USA	2028	1.0	1000
USA	2029	1.0	1000
USA	2030	1.0	1000
USA	2031	1.0	1000
USA	2032	1.0	1000
USA	2033	1.0	1000
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USA	2065	1.0	1000
USA	2066	1.0	1000
USA	2067	1.0	1000
USA	2068	1.0	1000
USA	2069	1.0	1000
USA	2070	1.0	1000
USA	2071	1.0	1000
USA	2072	1.0	1000
USA	2073	1.0	1000
USA	2074	1.0	1000
USA	2075	1.0	1000
USA	2076	1.0	1000
USA	2077	1.0	1000
USA	2078	1.0	1000
USA	2079	1.0	1000
USA	2080	1.0	1000
USA	2081	1.0	1000
USA	2082	1.0	1000
USA	2083	1.0	1000

E-Mail: ebungamer@eslinc.com

Report Last Signed By

Name: _____

Date/Time: 2024-04-26 10:49 (Time Zone: -05:00)

Outlier tumor:

Permit					
Permit #: IL0071447		Permittee:		POPLAR GROVE VILLAGE OF	
Major: Yes		Permittee Address:		12211 STATE ROUTE 78 POPLAR GROVE, IL 61065	
Permitted Feature: 001 External Outfall		Discharge:		001-0 STP OUTFALL	
Report Dates & Status					
Monitoring Period: From 03/01/24 to 03/31/24		DMR Due Date:		04/25/24	
BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.					
Principal Executive Officer					
First Name: Ion		Title:		Certified Operator	
Last Name: Stear				Telephone: 815-224-1650	
Form NODI:					
Catch	Parameter Name	Multistep Location	Station #	Parent NODI	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	-	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	0	-	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	CP - COMPOS
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	-	GR - GRAB

80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample	<	2.352	=	2.352	26 - bid	26 - bid	1.0	=	1.0	MO AVG	<=	20.0 DAILY MX	19 - mg/L	030W - 3 Days Every Week	CP - COMPOS
					Period	<=	209.0 MO AVG	<=	417.0 DAILY MX	26 - bid								19 - mg/L	030W - 3 Days Every Week	CP - COMPOS
					Value															
					MOH															

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@lestinc.com

Date/Time:

2024-04-24 14:14 (Time Zone: -05:00)

Report Last Signed By

IONSTEAR

User:

Ion Stear

Name:

istear@lestinc.com

E-Mail:

2024-04-26 10:49 (Time Zone: -05:00)

Date/Time:

DMR Copy of Record

Permit		IL0071447		Permittee:		POPLAR GROVE, VILLAGE OF		Facility:		POPLAR GROVE SOUTH STP, VILLAGE OF	
Major:		Yes		Permittee Address:		200 S HILL ST		Facility Location:		12211 STATE ROUTE 78	
Permitted Feature:		INF Influent Structure		Discharge:		INF-L		INFLUENT MONITORING			
Report Dates & Status		From 03/01/24 to 03/31/24		DMR Due Date:		04/25/24		Status:		Not DMR Validated	
Monitoring Period:		Considerations for Form Completion		BOW ID: W0070150006				Certified Operator		Telephone: 815-224-1650	
Principal Executive Officer		Ion Stear		Title:				815-224-1650			
First Name:		Ion		Last Name:		Stear					
No Data Indicator (NODI)				Form NODI:							
Parameter Name		Monitoring Location		Season & Param. MOD		Sample Permit Req. Value NODI		Qualifier 1 Value 1		Qualifier 2 Value 2	
Code		Units		Qualifier 1		Qualifier 2		Qualifier 3		Qualifier 4	
00310 BOD, 5-day, 20 deg. C		G - Raw Sewage Influent		0		-		-		-	
00530 Solids, total suspended		G - Raw Sewage Influent		0		-		-		-	
00665 Phosphorus, total [as P]		1 - Effluent Gross		0		-		-		-	
50050 Flow, in conduit or thru treatment plant		G - Raw Sewage Influent		0		-		-		-	
Submission Note											
Edits Check Errors											
No errors.											
Comments											
Attachments											
No attachments.											
Report Last Saved By											
POPLAR GROVE, VILLAGE OF											
User:		ebumgarner									
Name:		Elaine Bumgarner									
E-Mail:		ebumgarner@testing.com									
Date/Time:		2024-04-24 14:14 (Time Zone: -05:00)									
Report Last Signed By											
User:		IONSTEAR									
Name:		Ion Stear									
E-Mail:		istear@testing.com									
Date/Time:		2024-04-26 10:49 (Time Zone: -05:00)									

VILLAGE OF POPLAR GROVE - NORTH
 FOR THE MONTH OF MARCH 2024
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070150

MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 2		Hour Meter Well 3		Chlorine Feed		Phosphate Feed		Flouride Feed		Operator Initials		
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L		Scale	lbs Used
29-Feb	09:00	423185		10064.5		32338.50		127.00		1.00	84		1.22	39.50		dh
1-Mar	09:00	423318	109	10064.5	0	32345.20	5.90	125.50	2.0	1.34	78	5.00	1.24	39.00	0.9	dh
2-Mar	09:00	423427	130	10064.5	0	32351.10	6.60	123.50	1.5	1.42	73	5.00	0.84	38.10	0.3	mjh
3-Mar	09:00	423557	176	10064.5	0	32357.70	9.10	122.00	2.0	1.35	68	10.00	1.31	37.80	1.3	mjh
4-Mar	09:00	423733	113	10064.5	0	32366.80	5.70	120.00	1.5	1.20	58	4.00	1.56	36.50	0.5	dh
5-Mar	09:00	423846	120	10064.5	0	32372.50	6.30	118.50	1.0	1.55	54	6.00	0.95	36.00	0.1	dh
6-Mar	09:00	423966	126	10064.5	0	32378.80	6.50	117.50	1.5	1.24	48	6.00	1.03	35.90	0.9	dhr
7-Mar	09:00	424092	118	10064.5	0	32385.30	6.00	116.00	2.0	1.25	42	6.00	1.27	35.00	0.1	dh
8-Mar	09:00	424210	138	10064.5	0	32391.30	7.10	114.00	2.0	1.23	36	6.00	1.32	34.90	0.9	dhr
9-Mar	09:00	424348	135	10064.5	0	32398.40	7.00	112.00	2.0	1.31	30	6.00	0.32	34.00	0.5	Bh
10-Mar	09:00	424483	131	10064.5	0	32405.40	6.70	110.00	1.0	1.06	24/100	6.00	1.83	33.50	0.5	Bh
11-Mar	09:00	424614	130	10064.5	0	32412.10	6.70	109.00	2.0	1.18	94	6.00	0.97	33.00	1.0	Bh
12-Mar	09:00	424744	121	10064.5	0	32418.80	6.20	107.00	1.0	1.10	88	6.00	0.47	32.00	0.5	Bh
13-Mar	09:00	424865	127	10064.5	0	32425.00	6.60	106.00	2.0	1.12	82	6.00	0.69	31.50	0.5	Bh
14-Mar	09:00	424992	125	10064.5	0	32431.60	6.50	104.00	1.5	1.42	76	6.00	1.18	31.00	1.0	Bh
15-Mar	09:00	425117	150	10064.5	0	32438.10	7.60	102.50	1.5	1.10	70	6.00	1.33	30.00	0.5	Bh
16-Mar	09:00	425267	118	10064.5	0	32445.70	6.10	101.00	1.5	1.40	64	6.00	1.69	29.50	0.5	bh
17-Mar	09:00	425385	168	10064.5	0	32451.80	8.80	99.50	1.5	1.11	58	6.00	0.73	29.00	0.3	bh
18-Mar	09:00	425553	126	10064.5	0	32460.60	6.40	98.00	2.0	1.21	52	6.00	1.02	28.75	0.8	dh
19-Mar	09:00	425679	125	10064.5	0	32467.00	6.50	96.00	1.0	1.27	46	6.00	0.96	28.00	0.8	dh
20-Mar	09:00	425804	102	10064.5	0	32473.50	5.20	95.00	3.0	0.95	40	6.00	1.11	27.25	0.3	dh
21-Mar	09:00	425906	125	10064.5	0	32478.70	6.50	92.00	0.0	1.25	34	4.00	1.47	27.00	1.0	GS
22-Mar	09:00	426031	167	10064.5	0	32485.20	8.70	92.00	2.2	1.16	30/100	6.00	0.68	26.00	0.7	GS'
23-Mar	09:00	426198	118	10064.5	0	32493.90	6.00	89.80	1.8	1.21	94	5.00	1.71	25.30	0.3	mjh
24-Mar	09:00	426316	105	10064.5	0	32499.90	5.50	88.00	2.0	0.83	89	2.00	2.11	25.00	0.0	mjh
25-Mar	09:00	426421	129	10064.5	0	32505.40	6.60	86.00	1.0	1.25	87	7.00	0.75	25.00	1.0	GS
26-Mar	09:00	426550	125	10064.5	0	32512.00	6.40	85.00	1.0	1.27	80	8.00	1.59	24.00	0.0	GS
27-Mar	09:00	426675	127	10064.5	0	32518.40	6.60	84.00	2.0	1.16	72	2.00	1.12	24.00	1.0	GS
28-Mar	09:00	426802	160	10064.5	0	32525.00	8.20	82.00	2.0	0.98	70	6.00	1.28	23.00	0.3	GS
29-Mar	09:00	426962	140	10064.5	0	32533.20	7.00	80.00	1.0	1.06	64	8.00	1.08	22.75	0.5	dh
30-Mar	09:00	427102	123	10064.5	0	32540.20	6.40	79.00	1.0	0.96	56	4.00	0.73	22.25	0.4	dhr
31-Mar	09:00	427225	145	10064.5	0	32546.60	7.50	78.00	3.0	1.28	52	6.00	1.13	21.90	0.9	dhr
1-Apr	09:00	427370		10064.5		32554.10		75.00		1.31	46		0.85	21.00/23.00		GS
TOT			3907				201									
AVE			130				7									
MAX			176				9									
MIN			102				5									

Ion Stear

SIGNATURE:
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - WEST IL0070350
 FOR THE MONTH OF MARCH 2024 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	
29-Feb	08:30	389573		8737.18		139.00		1.01	50		1.12	402.30		jh
1-Mar	08:30	389650	59	8739.02	1.4	137.50	1.5	1.19	44	4.00	1.14	400.50	1.70	dh
2-Mar	08:30	389709	60	8740.42	1.42	136.00	1.2	1.46	40	3.00	2.02	398.80	1.60	mjh
3-Mar	08:30	389769	78	8741.84	1.87	134.80	0.8	1.17	37	7.00	2.63	397.20	1.80	mjh
4-Mar	09:30	389847	55	8743.71	1.36	134.00	1.0	1.07	28/100	4.00	0.89	395.40	1.50	dh
5-Mar	08:30	389902	61	8745.07	1.33	133.00	1.0	0.96	96	6.00	0.86	393.90	1.10	dh
6-Mar	08:30	389963	76	8746.4	1.88	132.00	1.0	1.37	90	5.00	1.10	392.80	1.80	jh
7-Mar	08:30	390039	40	8748.28	0.94	131.00	1.0	0.88	85	5.00	1.38	391.00	1.10	dh
8-Mar	08:30	390079	77	8749.22	1.84	130.00	0.0	1.47	80	4.00	1.04	389.90	8.90	dh
9-Mar	08:30	390156	60	8751.06	1.34	128.00	0.0	2.50	76	6.00	1.36	381.00	-6.10	Bh
10-Mar	08:30	390216	59	8752.4	1.5	127.50	1.5	1.01	70	6.00	1.50	387.10	1.50	Bh
11-Mar	08:30	390275	78	8753.9	1.82	126.00	2.0	1.17	64	6.00	2.20	385.60	1.90	Bh
12-Mar	08:30	390353	60	8755.72	1.42	124.00	1.0	1.22	58	4.00	1.48	383.70	1.50	Bh
13-Mar	08:30	390413	57	8757.14	1.39	123.00	0.5	1.11	54	6.00	1.59	382.20	1.10	Bh
14-Mar	08:30	390470	50	8758.53	1.39	122.50	0.5	1.05	48	4.00	1.53	381.10	1.40	BH
15-Mar	08:30	390520	82	8759.92	1.83	122.00	1.5	1.19	44	8.00	0.71	379.70	1.50	Bh
16-Mar	09:30	390602	44	8761.75	1.03	120.50	0.5	1.09	36	2.00	1.10	378.20	1.00	dh
17-Mar	08:30	390646	80	8762.78	1.82	120.00	1.0	1.09	34	6.00	1.25	377.20	1.50	dh
18-Mar	08:30	390726	59	8764.6	1.41	119.00	1.0	0.82	28	4.00	1.34	375.70	1.30	dh
19-Mar	08:30	390785	59	8766.01	1.39	118.00	1.0	0.95	24/100	4.00	1.25	374.40	1.30	dh
20-Mar	08:30	390844	59	8767.4	1.41	117.00	1.0	0.92	96	6.00	0.97	373.10	1.10	dh
21-Mar	08:30	390903	59	8768.81	1.42	116.00	1.0	1.23	90	6.00	1.50	372.00	1.40	GS
22-Mar	08:30	390962	78	8770.23	1.85	115.00	1.0	0.81	84	4.00	1.46	370.60	1.80	GS
23-Mar	08:30	391040	38	8772.08	0.9	114.00	1.0	0.78	80	2.00	2.74	368.80	0.90	mjh
24-Mar	08:30	391078	59	8772.98	1.41	113.00	1.0	0.77	78	8.00	0.88	367.90	1.40	mjh
25-Mar	08:30	391137	58	8774.39	1.36	112.00	0.0	0.61	70	2.00	0.23	366.50	2.00	gs
26-Mar	08:30	391195	58	8775.75	1.38	112.00	1.0	1.32	68	8.00	2.16	364.50	0.60	GS
27-Mar	09:30	391253	57	8777.13	1.36	111.00	1.0	1.28	60	4.00	2.27	363.90	1.30	GS
28-Mar	09:30	391310	79	8778.49	1.86	110.00	1.0	1.24	56	4.00	2.01	362.60	1.60	GS
29-Mar	08:30	391389	58	8780.35	1.37	109.00	1.0	1.07	52	6.00	2.02	361.00	1.70	dh
30-Mar	08:30	391447	59	8781.72	1.4	108.00	0.5	0.62	46	4.00	1.01	359.30	1.00	dh
31-Mar	09:30	391506	59	8783.12	1.4	107.50	1.5	0.36	42	6.00	1.07	358.30	1.30	dh
1-Apr	09:30	391565		8784.52		106.00		1.27	36		1.51	357.00		GS
TOT			1856					36.06						
AVE			62					1.09						
MAX			82					2.50						
MIN			38					0.36						

SIGNATURE:  Jon Stear
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE
FOR THE MONTH OF MARCH 2024
DAILY DISTRIBUTION MONITORING REPORT
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	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			Well #2	Well #3	Well #4	Well#5-6
1																		
2																		
3																		
4	tower	1.11		1.37	tower	0.62		1.41	tower	0.86		1.31	dh					
5	village	0.74		1.02	O.L.	0.76		1	tower	0.73		1.02	dh					
6	School	1.25		1.33	Gas	1.22		1.18	GC	1.03	1.12	1.89	dh					
7	F.H	0.81		1.24	Garage	1.26		0.81	tower	1.05		0.79	dh					
8	village	0.78		1.32	Gas	1.33		1.21	tower	0.75		0.84	dh					
9																		
10																		
11	Village	0.81		1.71	O.L	0.98		1.18	Tower	1.16		0.88	Bh					
12	School	1.07		1.33	Garage	1.2		1.31	Tower	1.19		1.96	Bh					
13	Village	0.68		1.5	Gas	0.94		1.23	Tower	1.26		1.14	Bh					
14	Arturo's	1.09		0.96	O.L	0.89		1.12	Tower	1.06		1.26	Bh					
15	School	1.1		1.63	Gas	0.67		1.6	Tower	1.18		0.75	Bh					
16																		
17																		
18	village	0.66		1.42	tower	0.86		1.36	tower	0.95		0.62	dh					
19	School	0.9		1.69	gas	1.05		1.39	tower	1.17		1.55	dh					
20	F.H	0.85		1.55	O.L	0.7		1.07	tower	1.17		1.35	dh					
21	School	1.1		2.18	Tower	0.98		0.64	GC	0.89		1.2						
22	village	0.93		1.45	gas	1.66		1.26	tower	1.11		1	GS					
23																		
24																		
25	school	1.15		0.98	gas	1.04		0.86	tower	1.58		1	GS					
26	village	0.94		1.72	garage	1.1		1.52	tower	1.42		0.95	GS					
27	school	1.08		1.86	gas	0.8		1.93	GC	0.88		1.11	GS					
28	village	0.69		2.18	garage	0.93		1.97	tower	1.06		0.97	GS					
29	school	0.9		1.36	gas	1.06		1.18	GC	1.21		1.74	GS					
30																		
31																		
1																		

Signature: 
 PHONE: 815-241-1650
 Jon Sklar

VILLAGE OF POPLAR GROVE - SOUTH
 FOR THE MONTH OF MARCH 2024
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070300

MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 5		Hour Meter Well 6		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	
29-Feb	10:00	610535		4511.8		4758.10	0	134.00		1.31	72		0.75	374.60		jh
1-Mar	10:00	610596	61	4512.8	0.9	4758.10	0	133.00	1.0	1.02	68	2.00	0.84	373.40	0.80	dh
2-Mar	10:00	610657	60	4513.7	1	4758.10	0	132.00	1.1	1.40	66	5.00	1.09	372.60	1.20	mjh
3-Mar	10:00	610717	90	4514.7	1.4	4758.10	0	130.90	1.9	0.83	61	3.00	0.52	371.40	1.60	mjh
4-Mar	10:00	610807	60	4516.1	0.9	4758.10	0	129.00	0.5	1.08	58	3.00	0.71	369.80	1.00	dh
5-Mar	10:00	610867	60	4517	0.9	4758.10	0	128.50	1.5	1.63	55	3.00	0.90	368.80	0.80	dh
6-Mar	10:00	610927	60	4517.9	1	4758.10	0	127.00	1.0	1.46	52	3.00	1.15	368.00	1.20	dh
7-Mar	10:00	610987	61	4518.9	0.9	4758.10	0	126.00	1.0	1.10	49	3.00	0.90	366.80	0.80	dh
8-Mar	10:00	611048	61	4519.8	1	4758.10	0	125.00	1.0	1.43	46	4.00	1.09	366.00	1.20	dh
9-Mar	10:00	611109	60	4520.8	0.9	4758.10	0	124.00	1.5	1.05	42	2.00	1.19	364.80	0.80	Bh
10-Mar	10:00	611169	60	4521.7	0.9	4758.10	0	122.50	1.0	1.35	40	4.00	0.93	364.00	1.00	Bh
11-Mar	10:00	611229	58	4522.6	1	4758.10	0	121.50	1.5	1.11	36/100	4.00	1.42	363.00	1.40	Bh
12-Mar	10:00	611287	60	4523.6	0.9	4758.10	0	120.00	1.0	0.93	96	2.00	0.89	361.60	1.00	Bh
13-Mar	10:00	611347	60	4524.5	0.9	4758.10	0	119.00	1.0	1.35	94	4.00	0.94	360.60	1.20	Bh
14-Mar	10:00	611407	62	4525.4	0.9	4758.10	0	118.00	1.0	1.35	90	2.00	1.05	359.40	0.60	Bh
15-Mar	10:00	611469	87	4526.3	1.4	4758.10	0	117.00	2.0	1.17	88	4.00	0.97	358.80	1.80	Bh
16-Mar	10:00	611556	29	4527.7	0.5	4758.10	0	115.00	0.0	1.16	84	2.00	0.77	357.00	0.20	BH
17-Mar	10:00	611585	90	4528.2	1.4	4758.10	0	115.00	1.5	0.91	82	4.00	0.95	356.80	1.40	BH
18-Mar	10:00	611675	88	4529.6	1.4	4758.10	0	113.50	1.5	1.27	78	4.00	1.07	355.40	1.60	dh
19-Mar	10:00	611763	60	4531	0.9	4758.10	0	112.00	1.0	1.63	74	2.00	0.96	353.80	0.60	dh
20-Mar	10:00	611823	31	4531.9	0.5	4758.10	0	111.00	1.0	0.69	72	2.00	1.40	353.20	0.80	dh
21-Mar	10:00	611854	59	4532.4	0.9	4758.10	0	110.00	2.0	1.23	70	4.00	0.98	352.40	1.00	GS
22-Mar	10:00	611913	90	4533.3	1.4	4758.10	0	108.00	0.0	0.69	66	4.00	0.91	351.40	1.60	GS
23-Mar	10:00	612003	29	4534.7	0.4	4758.10	0	108.00	1.5	0.69	62	2.00	0.92	349.80	0.80	mjh
24-Mar	10:00	612032	83	4535.1	1.2	4758.10	0	106.50	-8.5	1.59	60	4.00	0.88	349.00	1.40	mjh
25-Mar	10:00	612115	38	4536.3	1.6	4758.10	0	115.00	11.0	1.69	56	2.00	0.98	347.60	0.60	GS
26-Mar	10:00	612153	60	4537.9	0	4758.10	0	104.00	1.0	1.92	54	4.00	1.22	347.00	0.60	GS
27-Mar	10:00	612213	20	4537.9	0	4758.10	0.00	103.00	1.0	1.18	50	2.00	1.08	346.40	1.20	GS
28-Mar	10:00	612233	126	4537.9	2.2	4758.10	0.00	102.00	2.0	1.25	48	4.00	0.64	345.20	2.00	GS
29-Mar	10:00	612359	63	4540.1	1.1	4758.10	0	100.00	0.5	1.24	44	2.00	1.06	343.20	0.80	dh
30-Mar	10:00	612422	60	4541.2	0.9	4758.10	0	99.50	0.5	1.52	42	4.00	0.68	342.40	1.00	dh
31-Mar	10:00	612482	59	4542.1	0.9	4758.10	0	99.00	2.0	0.61	38	3.00	0.91	341.40	1.00	dh
1-Apr	10:00	612541		4543		4758.10		97.00		1.38	35		0.93	340.40		Gs
TOT			1886				0			40.22						
AVE			63				0			1.22						
MAX			126				0			1.92						
MIN			26				0			0.69						

SIGNATURE:  **RON STEAR**
 PHONE: 815-224-1650