



2323 Fourth Street, PO Box 483 Peru, IL 61354

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

www.testinc.com

September 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 July 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 list stations.
- Cleaned inside of all panels and removed any cobwebs and bugs.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- The screen is back up and running like it should be.
- We have been having a weird Scada PLC issue. Every now and then it trips a breaker and we have spent a lot of time trying to diagnose the issues, but we can't duplicate the issue. When the integrated control system guy was out, he mentioned that our PLC is no longer supported, and he can't get parts for it. David and I have talked about this before and we have started to budget for a new SCADA system.
- Decanted Digesters.
- Tested all emergency wash stations.
- Had Evergreen come out and help us get all the scum and duckweed off the EQ tanks, then cleaned out the EQ tanks.

South WWTP:

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



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- Tested all emergency wash stations.
- We changed the battery in the PLC when the control system guy was out from Object Controls. We talked about the same PLC issues at the south plant, that those are no longer supported or available.
- Decanted digesters.
- We received the rebuilt SAM unit for SBR3. We're putting the plans together to get a crane out to install.
- We changed the oil in all the digester blowers.
- Had Evergreen come out and help us get all the scum and duckweed off the EQ tanks, then cleaned out the EQ tanks.
- We ordered an auto flush valve for the air compressor to help with moisture in the lines. This has helped a lot.

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.

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.

Jon Stear
Certified Operator/Manager

DMR Copy of Record

Permit #: IL0022451
Major: No
Permitted Feature: 001 External Outfall
Facility: POPLAR GROVE - NORTH WWTP, VILLAGE OF 205 EDSON RD POPLAR GROVE, IL 61065
Discharge: 001-0 STP OUTFALL

Report Dates & Status
Monitoring Period: From 07/01/23 to 07/31/23
Status: NetDMR Validated
Considerations for Form Completion
BOW ID: W007015007; 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
No Data Indicator (NODI)
Form NODI: 001-0 STP OUTFALL
Certified Operator
Telephone: 815-224-1650

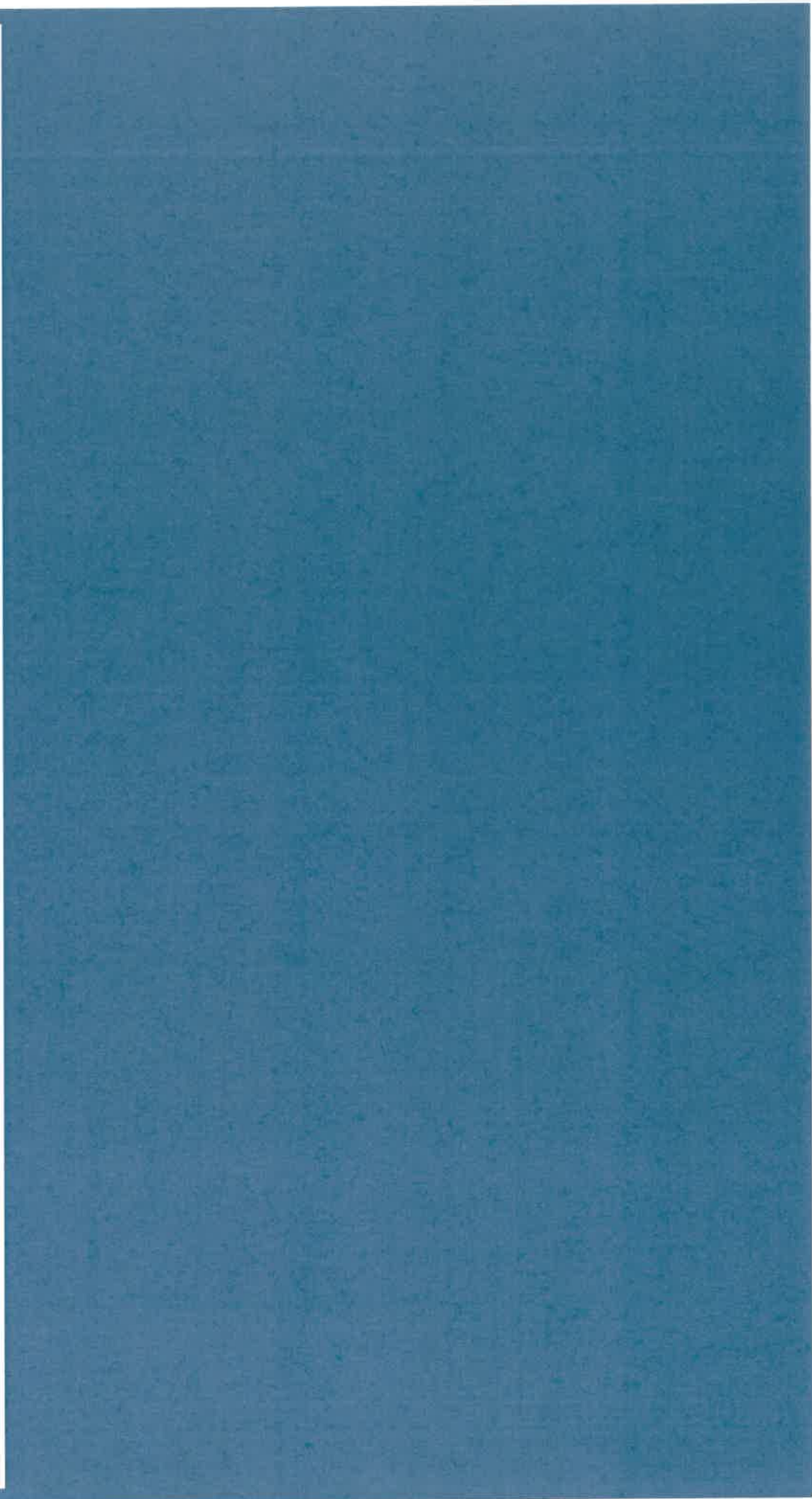
Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	0	02DA - 2 Days Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	0	02DA - 2 Days Every Week	GR - GRAB
00500	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	0	02DA - 2 Days Every Week	GR - GRAB
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	1	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 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	0	9999 - Continuous	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	0	0120 - Monthly	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	0	0120 - Monthly	GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	0	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

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledged
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
Comments						
Attachments						
Report Last Saved By						
POPLAR GROVE, VILLAGE OF						
User						

ebungamer

Name: Elaine Bungamer
E-Mail: ebungamer@testinc.com
Date/Time: 2023-08-23 09:09 (Time Zone: -05:00)
Report Last Signed By
User: IONSTEAR
Name: Ion Stear
E-Mail: istear@testinc.com
Date/Time: 2023-08-28 10:30 (Time Zone: -05:00)



DMR Copy of Record

Permit Permit #: IL0023451 Major: INF Influent Structure		Permittee: Permittee Address: Discharge:		Facility: Facility Location: POPLAR GROVE, VILLAGE OF 200 NORTH HILL STREET POPLAR GROVE, IL 61065		POPLAR GROVE - NORTH WWTP VILLAGE OF 205 EDSON RD POPLAR GROVE, IL 61065	
Report Dates & Status Monitoring Period: From 07/01/23 to 07/31/23 Considerations for Form Completion: BOW ID: WC070150007		DMR Due Date: 08/25/23		Status: NetDMR Validated			
Principal Executive Officer First Name: Ion Last Name: Stear No Data Indicator (NDI)		Title: Certified Operator		Telephone: 815-224-1650			
Form NDI:		Monitoring Location G - Raw Sewage Influent		Session # Param. NDI 0 -		Sample Period Range Value NDI: 0	
00310 BOD, 5-day, 20 deg. C		G - Raw Sewage Influent		Session # Param. NDI: 0		Sample Period Range: Value NDI: 0	
00550 Solids, total suspended		G - Raw Sewage Influent		Session # Param. NDI: 0		Sample Period Range: Value NDI: 0	
50050 Flow, in conduit or thru treatment plant		G - Raw Sewage Influent		Session # Param. NDI: 0		Sample Period Range: Value NDI: 0	

Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.							
Edit Check Errors No errors.							
Comments							
Attachments No attachments.							
Report Last Saved By POPLAR GROVE, VILLAGE OF							
User:		ebumgarner		Name:		Elaine Bumgarner	
E-Mail:		ebumgarner@estinc.com		Date/Time:		2023-08-23 09:10 (Time Zone: -05:00)	
Report Last Signed By		IONSTEAR		User:		Ion Stear	
Name:		istear@estinc.com		E-Mail:		Date/Time:	
		2023-08-28 10:30 (Time Zone: -05:00)					

Permit	IL0071447	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE SOUTH STP, VILLAGE OF
	Yes	Permittee Address:	200 S HILL ST POPLAR GROVE, IL 61065	Facility Location:	12211 STATE ROUTE 76 POPLAR GROVE, IL 61065
	001	Discharge:	001-0 STP OUTFALL		
	External Outfall				
Report Dates & Status					
Monitoring Period: From 07/01/23 to 07/31/23					
Considerations for Form Completion					
BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.					
Principal Executive Officer					
First Name: Ion					
Last Name: Stear					
No Data Indicator (NODI)					
Form NODI:					
Code	Parameter Name	Monitoring Location	Season &	Sample Permit Req.	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
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	1	-	CP - COMPOS
00605	Phosphorus, total [as P]	1 - Effluent Gross	0	-	CP - COMPOS
50050	Flow, in conduit or thru plant	1 - Effluent Gross	0	-	GR - GRAB
50080	Chlorine, total residual	1 - Effluent Gross	0	-	GR - GRAB

X	74055	Coliform, fecal general	1 - Effluent Gross	0	-	Permit Req.	Value NOD	<=	400.0 DAILY MX	13 - #/100mL	1	03DW - 3 Days Every Week	GR - GRAB

80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req.	Value NOD	=	3.246	=	3.836	26 - bdd	=	1.892	=	2.0	19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS
					Sample Permit Req.	Value NOD	<=	200.0 MO AVG	<=	417.0 DAILY MX	26 - bdd	<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Code	Parameter	Name	Monitoring Location	Field	Type	Description	Acknowledged
00610	Nitrogen, ammonia total (as N)		1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
74055	Coliform, fecal general		1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Attachments
No attachments.

Report Last Saved By
POPULAR GROVE, VILLAGE OF

User:
Name: Elaine Bungamer
E-Mail: ebungamer@tesinc.com
Date/Time: 2023-08-23 09:23 (Time Zone: -05:00)

Report Last Signed By

User: IONSTEAR
Name: Ion Stear
E-Mail: istear@tesinc.com
Date/Time: 2023-08-28 10:30 (Time Zone: -05:00)

DMR Copy of Record

Permit #: IL0071447	Permittee: POPULAR GROVE SOUTH STP, VILLAGE OF														
Major: Yes	Facility Location: 12211 STATE ROUTE 76 POPULAR GROVE, IL 61065														
Permitted Feature: INF Influent Structure	Discharge: INF-L INFLUENT MONITORING														
Report Dates & Status Monitoring Period: From 07/01/23 to 07/31/23	Status: NeIDMR Validated														
Considerations for Form Completion BOW ID: W0070150006															
Principal Executive Officer First Name: Ion	Certified Operator Telephone: 815-224-1650														
Last Name: Stear															
No Data Indicator (NODI) Form NODI:															
Parameter Name	Monitoring Location	Season & Param HCD	Sample Period Rate Value NODI	Qualifier 1	Qualifier 2	Quantity or Loading Value 1	Qualifier 3	Qualifier 4	Quality or Contamination Value 2	Qualifier 5	Units	# of Ex.	Frequency of Analysis	Sample Type	
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--									10 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
00530 Solids, total suspended	G - Raw Sewage Influent	0	--									10 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
00665 Phosphorus, total [as P]	1 - Effluent Gross	0	--									10 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
50050 Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--									10 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.															
Edit Check Errors No errors.															
Comments															
Attachments No attachments.															
Report Last Saved By POPULAR GROVE, VILLAGE OF															
User: Name: ebumgamer E-Mail: ebumgamer@lestinc.com Date/Time: 2023-08-23 09:27 (Time Zone: -05:00)															
Report Last Signed By User: Name: IONSTEAR E-Mail: istear@lestinc.com Date/Time: 2023-08-28 10:30 (Time Zone: -05:00)															

VILLAGE OF POPLAR GROVE - NORTH
 FOR THE MONTH OF July 2023
 MONTHLY OPERATING REPORT
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070150

Date	Time	Flow Meter		Hour Meter Well		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
1-Jul	11:00	388062	0	10065.8	0	30539.40	0.00	131.00	0.0	0.62	47	0.00	1.08	44.00	0.0	Mjh
2-Jul	11:00	388213	182	10065.8	0	30546.90	9.10	133.00	8.0	1.71	40	9.00	0.94	43.80	0.7	Mjh
3-Jul	11:00	388395	162	10065.8	0	30556.00	8.20	125.00	3.0	1.73	31	6.00	1.20	43.10	0.2	Mjh
4-Jul	11:00	388557	198	10065.8	0	30564.20	9.90	122.00	3.1	1.47	25	7.00	1.27	42.90	0.9	Mjh
5-Jul	11:00	388755	136	10065.8	0	30574.10	6.80	118.90	2.4	1.21	18/105	4.00	1.63	42.00	0.2	Mjh
6-Jul	11:00	388891	167	10065.8	0	30580.90	8.40	116.50	2.5	1.61	102	6.00	0.84	41.80	0.8	Mjh
7-Jul	11:00	389058	127	10065.8	0	30589.30	6.40	114.00	2.0	1.55	96	6.00	0.81	41.00	0.0	DHR
8-Jul	11:00	389185	141	10065.8	0	30595.70	7.10	112.00	2.0	1.61	90	4.00	0.96	41.00	1.0	DHR
9-Jul	11:00	389326	173	10065.8	0	30602.80	11.50	110.00	3.0	1.47	86	9.00	1.28	40.00	0.5	DH
10-Jul	11:00	389499	236	10065.8	0	30614.30	9.10	107.00	3.0	1.37	77	8.00	1.73	39.50	0.5	Mjh
11-Jul	11:00	389735	19	10065.8	0	30623.40	7.30	104.00	2.0	1.42	69	5.00	1.62	39.00	0.5	Mjh
12-Jul	11:00	389754	249	10065.8	0	30630.70	6.10	102.00	2.0	1.62	64	7.00	1.51	38.50	0.5	Mjh
13-Jul	11:00	390003	133	10065.8	0	30636.80	6.80	100.00	2.0	1.29	57	5.00	1.55	38.00	0.2	Mjh
14-Jul	11:00	390136	153	10065.8	0	30643.60	7.60	98.00	2.0	1.49	52	6.00	1.77	37.80	0.8	Mjh
15-Jul	11:00	390289	141	10065.8	0	30651.20	6.30	96.00	2.0	1.33	46	4.00	1.80	37.00	0.3	Jh
16-Jul	11:00	390430	240	10065.8	0	30657.50	11.20	94.00	3.0	1.00	42	8.00	1.44	36.70	0.7	Jh
17-Jul	11:00	390670	101	10065.8	0	30668.70	6.90	91.00	2.0	1.77	34	8.00	1.01	36.00	0.2	Mjh
18-Jul	11:00	390771	166	10065.8	0	30675.60	8.30	89.00	3.0	1.39	26	6.00	2.45	35.80	0.9	Mjh
19-Jul	11:00	390937	170	10065.8	0	30683.90	8.30	86.00	2.0	1.21	20/100	2.00	1.55	34.90	0.4	Mjh
20-Jul	11:00	391107	169	10065.8	0	30692.20	8.80	84.00	3.0	1.39	97	7.00	1.04	34.50	0.1	Mjh
21-Jul	11:00	391276	168	10065.8	0	30701.00	8.50	81.00	2.0	1.42	90	7.00	1.89	34.40	0.9	Mjh
22-Jul	11:00	391444	165	10065.8	0	30709.50	8.30	79.00	2.1	1.33	83	7.00	1.27	33.50	0.5	Mjh
23-Jul	11:00	391609	153	10065.8	0	30717.80	7.70	76.90	2.9	1.41	76	6.00	1.30	33.00	0.1	Mjh
24-Jul	11:00	391762	153	10065.8	0	30725.50	8.20	74.00	3.0	1.34	70	6.00	1.61	32.90	0.9	Mjh
25-Jul	11:00	391915	200	10065.8	0	30733.70	9.60	71.00	2.0	1.08	64	10.00	1.81	32.00	0.8	Mjh
26-Jul	11:00	392115	130	10065.8	0	30743.30	6.60	69.00	2.0	1.27	54	4.00	2.23	31.25	0.3	DH
27-Jul	11:00	392245	120	10065.8	0	30749.90	6.00	67.00	2.0	1.42	50	6.00	1.20	31.00	0.5	DH
28-Jul	11:00	392365	159	10065.8	0	30755.90	8.20	65.00	2.0	1.28	44	6.00	1.59	30.50	0.5	Mjh
29-Jul	11:00	392524	110	10065.8	0	30764.10	5.50	63.00	2.0	1.21	38	6.00	1.32	30.00	0.0	Mjh
30-Jul	11:00	392634	171	10065.8	0	30769.60	9.10	61.00	3.0	1.29	32	7.00	1.52	29.90	0.8	Mjh
31-Jul	11:00	392805	150	10065.8	0	30778.70	7.10	58.00	2.0	1.17	25	6.00	1.03	29.10	0.2	Mjh
1-Aug	11:00	392955		10065.8		30785.80		56.00		1.22	19/100		1.32	28.90		Mjh
TOT			4742				239			43.70			45.57			
AVE			153				8			1.37			1.42			
MAX			249				12			1.77			2.45			
MIN			0				0			0.62			0.81			

SIGNATURE:  Ion Stear

PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - WEST IL0070350
 FOR THE MONTH OF July 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	
1-Jul	11:30	373434		8357.29		148.00		0.94	115		1.66	420.10		Mjh
2-Jul	11:30	373521	89	8359.3	2.07	147.00	1.0	1.42	110	6.00	1.43	418.60	1.30	Mjh
3-Jul	11:30	373610	61	8361.37	1.42	146.00	0.0	0.71	104	2.00	2.74	417.30	1.20	Mjh
4-Jul	11:30	373671	92	8362.79	2.08	146.00	1.0	0.75	102	4.00	1.59	416.10	1.70	Mjh
5-Jul	11:30	373763	63	8364.87	1.5	145.00	1.0	0.69	98	3.00	1.64	414.40	0.90	Mjh
6-Jul	11:30	373826	83	8366.37	2.01	144.00	2.0	0.49	95	5.00	1.25	413.50	1.20	Mjh
7-Jul	11:30	373909	56	8368.38	1.2	142.00	1.0	1.85	90	4.00	1.79	412.30	0.90	DH
8-Jul	11:30	373965	65	8369.58	1.49	141.00	1.0	1.45	86	2.00	2.03	411.40	1.00	DH
9-Jul	11:30	374030	65	8371.07	2.58	140.00	0.0	1.38	84	5.00	1.19	410.40	1.80	DHR
10-Jul	11:30	374142	112	8373.65	1.38	138.00	1.0	1.56	79	2.00	1.32	408.60	1.00	Mjh
11-Jul	11:30	374230	31	8375.03	1.36	136.00	1.5	1.63	77	4.00	1.51	407.60	0.80	Mjh
12-Jul	11:30	374261	80	8376.39	1.86	134.50	0.6	1.33	73	4.00	1.01	406.80	1.30	Mjh
13-Jul	11:30	374341	57	8378.25	1	133.90	1.9	1.18	69	3.00	1.58	405.50	1.10	Mjh
14-Jul	11:30	374398	75	8379.25	2	132.00	1.0	1.35	66	2.00	1.22	404.40	1.20	Mjh
15-Jul	11:30	374473	74	8381.25	1.95	131.00	1.0	1.15	64	6.00	1.05	403.20	0.80	Jh
16-Jul	11:30	374547	85	8383.2	1.81	130.00	1.0	1.10	58	3.00	1.45	402.40	1.40	Jh
17-Jul	11:30	374632	62	8385.01	1.34	128.00	1.1	1.84	55	3.00	1.57	401.00	0.80	Mjh
18-Jul	11:30	374694	88	8386.35	1.99	126.90	2.0	1.82	52	4.00	1.75	400.20	1.40	Mjh
19-Jul	11:30	374782	58	8388.34	1.37	124.90	0.9	1.31	48	3.00	2.16	398.80	1.10	Mjh
20-Jul	11:30	374840	308	8389.71	2.04	124.00	1.1	1.65	45	5.00	1.09	397.70	1.40	Mjh
21-Jul	11:30	375148	0	8391.75	1.67	122.90	1.9	1.01	40	3.00	1.90	396.30	1.30	Mjh
22-Jul	11:30	375148	0	8393.42	1.36	121.00	1.0	2.01	37	3.00	1.35	395.00	1.30	Mjh
23-Jul	11:30	375148	0	8394.78	2.03	120.00	1.1	1.99	34	5.00	1.40	393.70	1.50	Mjh
24-Jul	11:30	375148	62	8396.81	1.42	118.90	1.0	1.05	29	3.00	1.33	392.20	1.20	Mjh
25-Jul	11:30	375210	93	8398.23	2.17	117.90	1.9	1.14	26/100	4.00	1.02	391.00	1.70	Mjh
26-Jul	11:30	375303	79	8400.4	1.77	116.00	1.0	1.13	96	4.00	1.79	389.30	1.70	DH
27-Jul	11:30	375382	33	8402.17	0.81	115.00	0.5	1.03	92	2.00	1.43	387.60	0.40	DHR
28-Jul	11:30	375415	87	8402.98	2.01	114.50	1.5	1.15	90	4.00	1.42	387.20	1.50	Mjh
29-Jul	11:30	375502	57	8404.99	1.33	113.00	0.9	1.22	86	3.00	1.32	385.70	0.70	Mjh
30-Jul	11:30	375559	60	8406.32	1.38	112.09	1.1	1.33	83	3.00	1.42	385.00	0.80	Mh
31-Jul	11:30	375619	86	8407.7	1.99	111.00	11.0	0.93	80	2.00	1.79	384.20	1.20	Mjh
1-Aug	11:30	375705		8409.69		100.00		1.45	78		1.21	383.00		Mjh
TOT			2161					41.04			48.41			
AVE			72					1.28			1.51			
MAX			308					2.01			2.74			
MIN			0					0.49			1.01			

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 PHONE: 815-224-1650
 Ion Stear

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF July 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	
1-Jul	12:00	591025		4208.9		4758.10	0	133.00		1.50	50		1.82	419.80		Mjh
2-Jul	12:00	591146	129	4210.8	2	4758.10	0	131.00	2.0	1.28	45	8.00	1.58	417.20	2.60	Mjh
3-Jul	12:00	591275	125	4212.8	1.9	4758.10	0	129.00	2.0	1.33	37	6.00	1.27	414.60	2.80	Mjh
4-Jul	12:00	591400	164	4214.7	2.6	4758.10	0	127.00	2.5	1.38	31	9.00	1.30	411.80	3.60	Mjh
5-Jul	12:00	591564	90	4217.3	1.3	4758.10	0	124.50	1.5	1.30	22/105	1.00	1.33	408.20	2.10	Mjh
6-Jul	12:00	591654	123	4218.6	2	4758.10	0	123.00	2.0	1.47	104	0.00	1.22	406.10	2.50	Mjh
7-Jul	12:00	591777	94	4220.6	1.4	4758.10	0	121.00	1.0	1.21	104	4.00	1.35	403.60	2.00	DH
8-Jul	12:00	591871	117	4222	1.7	4758.10	0	120.00	2.0	2.18	100	6.00	1.74	401.60	2.40	DH
9-Jul	12:00	591988	136	4223.7	2.2	4758.10	0	118.00	2.0	1.27	94	9.00	1.12	399.20	1.00	DHR
10-Jul	12:00	592124	123	4225.9	1.9	4758.10	0	116.00	2.0	1.58	85	6.00	1.17	398.20	4.60	Mjh
11-Jul	12:00	592247	92	4227.8	1.4	4758.10	0	114.00	2.0	1.43	79	3.00	1.32	393.60	2.00	Mjh
12-Jul	12:00	592339	88	4229.2	1.4	4758.10	0	112.00	1.0	1.22	76	5.00	0.96	391.60	2.00	Mjh
13-Jul	12:00	592427	89	4230.6	1.5	4758.10	0	111.00	1.0	1.14	71	5.00	1.34	389.60	1.80	Mjh
14-Jul	12:00	592516	93	4232.1	1.3	4758.10	0	110.00	3.0	0.96	66	4.00	1.10	387.80	2.20	Mjh
15-Jul	12:00	592609	87	4233.4	1.4	4758.10	0	107.00	1.0	1.25	62	4.00	1.34	385.60	1.80	Jh
16-Jul	12:00	592696	125	4234.8	1.9	4758.10	0	106.00	2.0	0.99	58	8.00	1.10	383.80	2.40	Jh
17-Jul	12:00	592821	112	4236.7	1.8	4758.10	0	104.00	1.5	1.22	50	5.00	1.09	381.40	2.60	Mjh
18-Jul	12:00	592933	125	4238.5	1.9	4758.10	0	102.50	2.0	0.93	45	7.00	1.93	378.80	2.80	Mjh
19-Jul	12:00	593058	126	4240.4	1.9	4758.10	0	100.50	1.5	1.02	38	7.00	1.10	376.00	2.80	Mjh
20-Jul	12:00	593184	164	4242.3	2.6	4758.10	0	99.00	3.5	0.94	31	7.00	2.08	373.20	3.20	Mjh
21-Jul	12:00	593348	124	4244.9	1.9	4758.10	0	95.50	1.6	1.15	24	7.00	1.34	370.00	3.00	Mjh
22-Jul	12:00	593472	122	4246.8	1.9	4758.10	0	93.90	2.0	1.41	17/100	5.00	1.28	367.00	2.40	Mjh
23-Jul	12:00	593594	125	4248.7	1.9	4758.10	0	91.90	1.9	1.21	95	6.00	1.27	364.60	2.80	Mjh
24-Jul	12:00	593719	95	4250.6	1.5	4758.10	0	90.00	1.5	1.20	89	5.00	2.05	361.80	2.20	Mjh
25-Jul	12:00	593814	157	4252.1	2.4	4758.10	0	88.50	2.5	0.98	84	8.00	1.06	359.60	3.40	Mjh
26-Jul	12:00	593971	91	4254.5	1.4	4758.10	0	86.00	2.0	2.00	76	4.00	1.77	356.20	2.00	DH
27-Jul	12:00	594062	89	4255.9	1.4	4758.10	0	84.00	1.0	1.89	72	4.00	2.00	354.20	1.80	DH
28-Jul	12:00	594151	47	4257.3	0.7	4758.10	0	83.00	1.0	1.01	68	3.00	1.22	352.40	1.00	Mjh
29-Jul	12:00	594198	9	4258	0	4758.10	0	82.00	0.0	1.54	65	1.00	1.46	351.40	0.00	Mjh
30-Jul	12:00	594207	194	4258	3.1	4758.10	0	82.00	2.0	0.00	64	7.00	1.50	351.40	3.00	Mjh
31-Jul	12:00	594401	91	4261.1	1.5	4758.10	0	80.00	1.0	0.72	57	5.00	1.80	348.40	2.20	Mjh
1-Aug	12:00	594492		4262.6		4758.10	0	79.00		0.89	52		1.58	346.20		Mjh
TOT			3346				0			39.60			45.59			
AVE			112				0			1.24			1.42			
MAX			194				0			2.18			2.08			
MIN			9				0			0.00			0.96			

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Ion Stear

VILLAGE OF POPLAR GROVE IL0070150 DAILY DISTRIBUTION MONITORING REPORT
 FOR THE MONTH OF July 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
	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	
1													
2													
3	Fh	1.02		1.37	Tower	0.3		1.7	Golf	1.34		1.15	Mjh
4													
5	School	1.76		1.52	Garage	0.44		1.54	Golf	1.08		2.44	Mjh
6	Village	1.02		1.71	Gas	0.5		1.33	Tower	1.13		1.75	Mjh
7	School	1.23		1.54	Oaklawn	..50		0.84	Tower	0.98		0.74	DH
8													
9													
10	Fh	1.07		1.41	Tower	1.01		0.95	Golf	1.1		1.7	Mjh
11	Village	1.22		1.51	Tower	1.37		1.36	Tower	1.34		1.63	Mjh
12	Village	1.07		1.23	Garage	1.04		1.39	Golf	0.96		1.21	Mjh
13	School	1.11		1.32	Gas	0.95		1.85	Tower	1.41		1.12	Mjh
14	Village	1.42		1.05	Tower	1.33		1.13	Golf	1.11		1.67	Mjh
15													
16													
17	Fh	1.02		1.19	Oak lawn	1.12		1.37	Golf	0.95		1.42	Mjh
18	School	1.31		1.26	Garage	0.97		1.55	Tower	0.97		1.55	Mjh
19	Village	0.73		1.55	Gas	1.03		1.66	Golf	1.01		1.33	Mjh
20	Fh	1.01		1.12	Tower	1.11		1.37	Tower	1.32		1.27	Mjh
21	School	1.36		1.6	Oak lawn	1.35		1.67	Golf	0.85		1.4	Mjh
22													
23													
24	School	1.16		1.88	Gas	0.89		1.16	Tower	0.81		1.51	Mjh
25	Tower	1.08		0.81	Tower	0.98		1.57	Golf	1.55		1.67	Mjh
26	Village	0.68		2	Garage	0.86		1.75	Tower	0.96		1.5	DH
27	School	1.14		1.73	Tower	0.76		1.79	Golf	0.76		0.83	DH
28	School	1.24		1.55	Garage	0.99		1.21	Tower	1.04		1.22	Mjh
29													
30													
31	School	1.61		2.1	Tower	1.09		1	Golf	0.61		1.33	Mjh
1	Tower	1.12		1.52	Gas	1.55		0.89	Tower	0.81		1.2	Mjh

Signature:  Ion Stear

PHONE: 815-224-1650