



April 3, 2022

**Client:** Village of Poplar Grove  
Attn: Don Sattler, Village President  
200 Hill Street  
P.O. Box 01  
Poplar Grove, IL 61065

2323 Fourth Street  
P.O. Box 483  
Peru, Illinois 61354  
815-224-1650  
800-659-4659  
FAX 815-224-1688

**Plant Type:** Wastewater Treatment Plants: North: Class II Sequential batch reactors (SBR).  
South: Class I Sequential batch reactors (SBR).  
Water Treatment Plants: Well Supply with Chemical Addition in all 3 locations

For the water system you will find attached the daily inspection and monitoring reports for each of the water plants and the distribution system testing record. For the wastewater side we have included the monthly DMR for both wastewater plants.

Outlined below are the processes and actions taken during January 2022 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:

- Collins came out and cleaned the grease out of all the lift stations.
- Sable performed yearly lift station maintenance.
- As bad as the Woodstock Road lift station is with grease, we're going to start having them come 3 times a year rather than 1.
- Fixed a bad phone line at Ray Street and Whiting Road lift stations.

#### North WWTP:

- All standard monthly checks/maintenance/cleaning and producers were completed.
- Pulled all floats and transducers, cleaned rags off of them. This has been having to be done more than normal because of the screen being down.
- Because of the screen being down, we are manually raking the bar screen.
- Screen from Sable Mechanical has been ordered and will be put in as soon as the panel comes in.
- Once the weather breaks, we have a lot of small projects that will get started and finished.
- Tested all emergency wash stations and portable generators.

#### South WWTP:

- All standard monthly checks/maintenance/cleaning and producers were completed.
- Once the weather breaks, we will start on SBR3 at the south plant. We have pretty much everything. We are just waiting on the last few things to come back from Aqua Tec.
- We have finished rehabbing the UV lights.
- We received 2 pumps from Aqua Tec and installed them. One sand filter is back online.
- The other sand filter had a lot of metal in the oil when we changed it, so we have that apart and are looking for options on getting a gear. Aqua Tech has a new gear box for the unit, but it's almost \$3,000. We're looking for other options so that we can get it fixed for far less than that.
- Tested all emergency wash stations.
- Sent sludge to drying bed.

- Decanted digesters.
- Replaced 1 set of airlines for a decanter.

**Water System:**

- Cleaned well houses.
- Repaired a fan for the heater at well 3.
- Tested all emergency wash stations.
- Still waiting on the new pipe for well 5/6 because there is a part that's in bad shape.

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#:	IL0023456 No	Permittee: Permittee Address:	PO BOX 1 POPLAR GROVE, IL 61055	Facility#:	POPLAR GROVE - NORTH WWTP, VILLAGE OF 215 EISISON RD POPLAR GROVE, IL 61055
Permitted Feature:	001 External Outfall	Discharge:	BOD-0 STP OUTFALL	Status:	NONDMR Validated
Report Dates & Status		DMR Due Date:	03/25/22		
Monitoring Period:		From 02/01/22 to 02/28/22			
Considerations for Form Completion BOY ID: W00701-0007, DMR LOAD LIMITS DISPLAYED MONITORING LOCATION "1" IS FOR MONTHLY AVERAGE AND DAILY MAXIMUM, MONITORING LOCATION "3" IS FOR WEEKLY AVERAGE.					
Principal Executive Officer	First Name:	Ian	Title:	Telephone:	
Last Name:	Sleer				
No Data Indicator (NDI)					
Form NODI:	Monitoring Location Status # Parameter NODI	Quantity or Concentration			
Parameter Name	Sample#	Qualifier 1	Value 1	Qualifier 2	Value 2
Code	Permit Ref#	V	V	V	V
00300 Oxygen dissolved [DO]	1 - Effluent Gross	1	-	Sample#	Value 1
X 00400 pH	1 - Effluent Gross	0	-	Permit Ref#	Value 1
X 00550 Solids, total suspended	1 - Effluent Gross	0	-	Sample#	Value 1
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-	Permit Ref#	Value 1
50050 Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample#	Value 1
50060 Chlorine, total residual	1 - Effluent Gross	0	-	Permit Ref#	Value 1
80082 BOD, carboaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample#	Value 1
Quality or Concentration Sample Value 1					
Parameter Name	Monitoring Location	Field	Type	Description	
Code:				The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	
00400 pH	1 - Effluent Gross	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes	
00550 Solids, total suspended	1 - Effluent Gross	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes	
00550 Solids, total suspended	1 - Effluent Gross	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes	
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					
Parameter Name	Monitoring Location	Field	Type	Description	
Code:				The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	
00400 pH	1 - Effluent Gross	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes	
00550 Solids, total suspended	1 - Effluent Gross	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes	
00550 Solids, total suspended	1 - Effluent Gross	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes	
Comments Had an issue with high flow and sand filter being down. everything is fixed and should be back to normal next month. PH the sample collector grabbed it out of the wrong channel.					
Attachments No attachments					
Report Last Saved By POPLAR GROVE, VILLAGE OF					
User: Ion Steer Name: IONSTEARIon Steer					

**DMR Copy of Record**

<b>Permit #:</b> B.0023451	<b>Permittee:</b> PO BOX 1 POPLAR GROVE, IL 61065	<b>Facility Location:</b> 205 EDSON RD POPLAR GROVE, IL 61065			
<b>Major:</b> No	<b>Permittee Address:</b> PO BOX 1 POPLAR GROVE, IL 61065	<b>Facility:</b> POPLAR GROVE - NORTH WWTP - VILLAGE OF			
<b>Permitted Feature:</b> INF	<b>Discharge:</b> INF-L INFILTRANT MONITORING	<b>INF-L</b>			
<b>Report Dates &amp; Status</b>  Monitoring Period: From 02/01/22 to 02/28/22	<b>DMR Due Date:</b> 03/25/22	<b>Status:</b> HatchDMR Validated			
<b>Considerations for Form Completion</b> BON ID: W00270150007 <b>Principal Executive Officer</b> First Name: Jon Last Name: Shear					
<b>Telephone:</b>					
<b>Last Name:</b> No Data Indicator (NOD)	<b>First Name:</b>	<b>Time:</b>			
<b>Form NOD#:</b>	<b>Monitoring Location:</b>	<b>Season &amp; Parameter (NOD)</b>			
<b>Code:</b>	<b>Qualifier 1:</b>	<b>Qualifier 2:</b>	<b>Quantity or Concentration:</b>	<b>Frequency of Analysis:</b>	<b># off Ex.:</b>
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage influent	0	Value 1	3 - 300 mg/L
00530	Solids, total suspended	G - Raw Sewage influent	0	Value 2	220.5 - 220.5 mg/L
50050	Flow, In conduit or thru treatment plant	G - Raw Sewage influent	0	Qualifier 3	Req Mon MO AVG
				Value 3	19 - 19 mg/L
				Qualifier 4	Req Mon MO AVG
				Value 4	141.8 - 141.8 mg/L
				Qualifier 5	Req Mon MO AVG
				Value 5	19 - 19 mg/L
				Qualifier 6	9999 - Continuous
				Value 6	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 Analyses, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
**POPLAR GROVE, VILLAGE OF**

User:	Elinee Bungarmer
Name:	Elinee Bungarmer
E-Mail:	ebungarmer@testing.com
Date/Time:	2022-03-16 13:16 (Time Zone: -05:00)

**Report Last Signed By**

User:	Jon Stear
Name:	Jon Stear
E-Mail:	testear@testing.com
Date/Time:	2022-03-22 15:36 (Time Zone: -05:00)

## DNR Copy of Record

Permit#:	H0037447	Permittee#:	POPLAR GROVE, VILLAGE OF	Facility#:	
Major:	Yes	Permittee Address:	200 S HILL ST <sup>1</sup> POPLAR GROVE, IL 61065	Facility Location:	
Permitted Feature:	001 External Outfall	Discharge:	001-0 STP CUFFALL		
Report Dates & Status	From 02/01/22 to 02/28/22	DMR Due Date:	03/25/22	Status:	NetDMR Validated
Monitoring Period:	Considerations for Form Completion			Telephone:	
Principal Executive Officer	BOW IS. WAT/070150006; O&M LOAD LIMITERS DISPLAYED				
First Name:	Ian	Title:			
Last Name:	Sims				
No Date Indicator (NODI)					
Form NODI:		Monitoring Location Identifier or Permit. NODI		Quantity or Location	Quantity or Concentration
Code:	Name:	Qualifier 1	Value 1	Qualifier 2	Value 2
00300	Oxygen, dissolved [DO]	Sample, Permit Reg, Value NODI	= 11.69%	Qualifier 3	Value 3
00400	pH	Sample, Permit Reg, Value NODI	= 6.0 MO AVG	Qualifier 4	Value 4
00530	Solids, total suspended	Sample, Permit Reg, Value NODI	= 9.45%	Qualifier 5	Value 5
00560	Nitrogen, total [as N]	Sample, Permit Reg, Value NODI	= 0.535%	Qualifier 6	Value 6
00510	Nitrogen, ammonia total [as N]	Sample, Permit Reg, Value NODI	= 0.564%	Qualifier 7	Value 7
00666	Phosphorus, total [as P]	Sample, Permit Reg, Value NODI	= 0.196%	Qualifier 8	Value 8
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-
50050	Chlorine, total residual	1 - Effluent Gross	0	-	-
80082	BOD, carbonaceous [5 day, 20°C]	1 - Effluent Gross	0	-	-
Submitter Note					
If a parameter row does not contain any values for the Sampled per Efficient Testing, then none of the following fields will be submitted for that row. Units, Number of Exclusions, Frequency of Analysis, and Sample Type.					
Edit Check Errors					
No errors.					
Comments					
Attachments					
No attachments					
Report Last Saved By					
POPLAR GROVE, VILLAGE OF					
User: elburngater					

## DMR Copy of Record

<b>Permit</b>	IL0077447	<b>Permittee:</b> POPLAR GROVE, VILLAGE OF 200 S HILL ST POPLAR GROVE, IL 61065	<b>Facility:</b> POPLAR GROVE, VILLAGE OF 1211 STATE ROUTE 76 POPLAR GROVE, IL 61065								
<b>Major:</b>	Yes	<b>Permittee Address:</b>	<b>Facility Location:</b>								
<b>Permitted Feature:</b>	INF Influent Structure	<b>Discharge:</b>	<b>INF-L</b> <b>INFFLUENT MONITORING</b>								
<b>Report Dates &amp; Status</b>		<b>DMR Due Date:</b>	<b>03/25/22</b>								
<b>Monitoring Period:</b>	From 02/01/22 to 02/28/22	<b>Status:</b>	<b>NoIDMR Validated</b>								
<b>Considerations for Form Completion</b>		<b>Telephone:</b>									
<b>BOW ID:</b> W00707010008		<b>Title:</b>									
<b>Principal Executive Officer</b>	Ian Shear	<b>First Name:</b>									
<b>Last Name:</b>		<b>Last Name:</b>									
<b>No Data Indicator (NODI)</b>		<b>Abc:</b>									
<b>Form NODR:</b>		<b>Monitoring Location:</b>	<b>Station # Stream: NODI</b>								
<b>Code:</b>		<b>Qualifier 1:</b>	<b>Quantity or Location</b>								
		<b>Qualifier 2:</b>	<b>Quantity or Location</b>								
		<b>Value 1:</b>	<b>Value 2:</b>								
		<b>Units:</b>	<b>Units:</b>								
		<b>Qualifier 3:</b>	<b>Qualifier 4:</b>								
		<b>Value 3:</b>	<b>Value 4:</b>								
		<b>Units:</b>	<b>Units:</b>								
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	Sample Permit Basis Value NODI		100.357	=	100.357	Req Mon NO AVG	19 - mg/L	19 - mg/L	0
00530	Solids, total suspended	G - Raw Sewage Influent	Sample Permit Basis Value NODI		107.285	=	107.285	Req Mon MO AVG	19 - mg/L	19 - mg/L	0
00665	Phosphorus, total [as P]	1 - Effluent Gross	Sample Permit Basis Value NODI		8.263	=	8.263	Req Mon MO AVG	19 - mg/L	19 - mg/L	0
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0		0.214	*	0.214	Req Mon DAILY MX 03 - MGDI	Req Mon DAILY MX 03 - MGDI	Req Mon DAILY MX 03 - MGDI	0
<b>Statement Note</b>											
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 Excusans, Frequency of Analysis, and Sample Type.											
<b>Edit Check Errors</b>											
No errors.											
<b>Comments</b>											
<b>Attachments</b>											
No attachments.											
<b>Report Last Saved By</b>											
<b>POPLAR GROVE, VILLAGE OF</b>											
<b>User:</b>											
Name: <b>Elaine Burgtamer</b> Email: <b>eb.burgtamer@astinc.com</b>											
<b>Date/Time:</b>											
2022-03-18 13:19 (Time Zone: -05:00)											
<b>Report Last Signed By</b>											
<b>User:</b>											
Name: <b>Elaine Burgtamer</b> Email: <b>eb.burgtamer@astinc.com</b>											
<b>Date/Time:</b>											
2022-03-22 15:36 (Time Zone: -06:00)											

VILLAGE OF POPLAR GROVE  
FOR THE MONTH OF February 2022  
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF PUBLIC WATER SUPPLIES

DAILY DISTRIBUTION MONITORING REPORT

Date	North System (Wells 2 & 3)			West System (Well 4)			South System (Wells 5 & 6)			Fluoride Analysis		
	Site #	Free Cl <sub>2</sub>	Total Cl <sub>2</sub>	PO <sub>4</sub>	Site #	Free Cl <sub>2</sub>	Total Cl <sub>2</sub>	PO <sub>4</sub>	Site #	Free Cl <sub>2</sub>	Total Cl <sub>2</sub>	PO <sub>4</sub>
1-Feb	Tower	0.92	0.9		Tower	1.41	0.93		Tower	0.67	0.73	
2-Feb	Tower	0.85	0.62		Tower	1.42	1.54		Tower	0.71	0.68	
3-Feb	Fire Station	0.5	1.93		Garage	0.63	1.07		Tower	0.44	0.84	
4-Feb	Tower	0.9	0.57		Tower	1.38	0.99		Tower	0.76	0.98	
5-Feb												
6-Feb												
7-Feb	Elm	1.01	1.22	Gas Station	0.6	0.93	Tower	0.83		0.79	KL	
8-Feb	Elm	0.69	1.18	Garage	0.68	1.16	Tower	0.76		1.19	KL	
9-Feb	Village	0.15	1.12	Tower	0.51	1.24	Tower	0.77		0.5	JS	
10-Feb	Tower	1.07	0.99	Tower	0.64	0.84	Tower	0.67		0.89	JS	
11-Feb	Tower	1.03	1.05		2	1.03	Tower	0.81		0.62	KL	
12-Feb												
13-Feb												
14-Feb	Elm	0.46	0.46	Gas Station	0.16	0.8	Tower	0.94		0.51	JS	
15-Feb	Tower	1.02	0.78	Tower	0.3	0.93	Tower	0.7		0.5	JS	
16-Feb	Village	0.21	1.24	Garage	0.45	1.13	Tower	0.82		0.66	JS	
17-Feb	Tower	0.99	0.97	Tower			Tower	0.76		0.86	KL	
18-Feb	Tower	0.95	0.8	Tower								
19-Feb												
20-Feb												
21-Feb	Tower	0.91	0.82	Gas Station	0.23	0.96	Tower	0.94		0.67	JS	
22-Feb	Elm	0.76	1.39	Tower	0.47	1.19	Tower	0.92		1.01	JS	
23-Feb	Tower	1.17	0.88	Garage	0.3	1.13	Tower	0.71		0.96	JS	
24-Feb	Village	0.13	1.2	Tower	0.6	0.66	Tower	0.92		1.16	JS	
25-Feb	Tower	1.38	1.13	Tower	1.69	2.02	Tower	1.05		0.85	KL	
26-Feb												
27-Feb												
28-Feb	Tower	1.26	0.63	Gas Station	0.32	1.36	Tower	1.02		0.86	KL	

Signature:  
PHONE: 815-224-1650



VILLAGE OF POPLAR GROVE - NORTH  
 FOR THE MONTH OF February 2022  
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070150  
 MONTHLY OPERATING REPORT

Date	Time	Flow Meter	Pumpage	Hour Meter Well 1	Reading	Hours	Hour Meter Well 2	Reading	Hours	Hour Meter Well 3	Reading	Hours	Chlorine Feed	lbs Used	Phosphate Feed	lbs Used	Flouride Feed	Scale	lbs used	Operator Initials
31-Jan	07:45	310398966.9		10062.1	0	26667.50	0.00	134.00	0.0	84	0.00	0.00	35.50	0.0	0.00	0.00	0.00	0.00	JS	
1-Feb	07:20	310523138.4		108663.1	0	26673.60	5.50	133.00	1.0	92	7.00	0.90	34.50	1.5	0.00	0.00	0.00	0.00	JS	
2-Feb	06:50	310631801.5		166335.6	0	26679.10	8.20	132.00	2.0	85	72	0.62	33.00	1.0	0.00	0.00	0.00	0.00	KL	
3-Feb	09:15	310798337.1		102309.1	0	26687.30	5.10	130.00	1.0	07	69	5.00	32.00	0.8	0.00	0.00	0.00	0.00	JS	
4-Feb	07:10	310900646.2		133775.6	0	26692.40	6.60	129.00	1.0	90	64/100	5.00	0.57	31.25	1.3	0.00	0.00	0.00	0.00	JS
5-Feb	08:40	311034421.8		133128.9	0	26699.00	6.70	128.00	1.0	14	95	4.00	1.10	30.00	1.0	0.00	0.00	0.00	0.00	JS
6-Feb	08:50	311167550.7		130704.5	0	26705.70	6.50	127.00	1.0	03	91	6.00	1.17	29.00	1.0	0.00	0.00	0.00	0.00	JS
7-Feb	07:40	311298252.2		124072.5	0	26712.20	6.10	126.00	2.0	87	85	4.00	0.69	28.00	1.0	0.00	0.00	0.00	0.00	JS
8-Feb	07:00	311422327.7		156309.9	0	26718.30	7.80	124.00	1.0	99	81	7.00	1.01	27.00	1.5	0.00	0.00	0.00	0.00	KL
9-Feb	08:15	311578637.6		91783	0	26726.10	4.50	123.00	1.0	15	74	3.00	1.24	25.50	0.5	0.00	0.00	0.00	0.00	JS
10-Feb	07:30	311670420.6		121201.8	0	26730.60	6.00	122.00	1.0	07	71	5.00	0.99	25.00	1.0	0.00	0.00	0.00	0.00	JS
11-Feb	07:10	311791622.4		132961.5	0	26736.60	6.60	121.00	2.0	03	66	6.00	1.05	24.00	0.5	0.00	0.00	0.00	0.00	KL
12-Feb	08:25	311924583.9		147408.5	0	26743.20	7.40	119.00	1.0	19	60	7.00	1.01	23.50	1.5	0.00	0.00	0.00	0.00	KL
13-Feb	08:40	312071992.4		125825.3	0	26750.60	6.20	118.00	1.0	09	53	3.00	1.24	22.00	0.75	0.00	0.00	0.00	0.00	KL
14-Feb	07:30	312197817.7		127904.9	0	26756.80	6.30	117.00	2.0	92	50/100	4.00	1.32	21.25	0.25	0.00	0.00	0.00	0.00	JS
15-Feb	07:45	312325722.6		158329.9	0	26763.10	7.80	115*160	1.0	02	96	6.00	0.78	21.00	0.0	0.00	0.00	0.00	0.00	JS
16-Feb	08:48	312484252.5		102093.2	0	26770.90	5.00	159.00	1.0	07	90	4.00	0.97	21*50	1.0	0.00	0.00	0.00	0.00	JS
17-Feb	07:25	312586345.7		109327.4	0	26775.90	5.50	158.00	1.0	90	86	6.00	0.97	49.00	0.5	0.00	0.00	0.00	0.00	JS
18-Feb	06:00	312695673.1		156840	0	26781.40	7.80	157.00	2.0	95	80	5.00	0.80	48.50	1.3	0.00	0.00	0.00	0.00	KL
19-Feb	08:02	312892513.1		124086	0	26789.20	6.20	155.00	1.0	95	75	4.00	0.72	47.25	0.8	0.00	0.00	0.00	0.00	JS
20-Feb	08:40	312976599.1		132669.6	0	26795.40	6.60	154.00	0.5	116	71	6.00	0.72	46.50	0.3	0.00	0.00	0.00	0.00	JS
21-Feb	07:20	313109268.7		123952.8	0	26802.00	6.20	153.50	0.5	82	65/100	4.00	0.91	46.25	0.8	0.00	0.00	0.00	0.00	KL
22-Feb	07:25	313233221.5		126689.6	0	26808.20	6.20	153.00	3.0	111	96	5.00	0.76	45.50	1.0	0.00	0.00	0.00	0.00	JS
23-Feb	07:30	313359911.1		147933	0	26814.40	7.30	150.00	1.0	17	91	5.00	0.88	44.50	0.5	0.00	0.00	0.00	0.00	JS
24-Feb	08:55	313507844.1		104955	0	26821.70	5.20	149.00	1.0	14	86	5.00	0.82	44.00	0.0	0.00	0.00	0.00	0.00	JS
25-Feb	07:40	313612799.1		122688.4	0	26826.90	6.10	148.00	2.0	38	81	3.00	1.13	44.00	0.5	0.00	0.00	0.00	0.00	KL
26-Feb	08:30	313735487.5		108509.6	0	26833.00	5.40	146.00	2.0	31	78	6.00	0.97	43.50	0.5	0.00	0.00	0.00	0.00	KL
27-Feb	07:00	313843997.1		167141	0	26838.40	8.30	144.00	1.0	16	72	8.00	1.10	43.00	0.5	0.00	0.00	0.00	0.00	KL
28-Feb	07:45	314011138.1		114480.4	0	26846.70	5.70	143.00	1.0	26	64	2.00	0.63	42.50	0.5	0.00	0.00	0.00	0.00	KL
1-Mar	07:30	314125618.5		10062.1		26852.40		142.00		16	62		0.73	42.00						JS
TOT										179										
AVE										6										
MAX										8										
MIN										0										

SIGNATURE:  
 PHONE: 815-224-1650

Ion Star

VILLAGE OF POPLAR GROVE - WEST  
 FOR THE MONTH OF February 2022  
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070350  
 MONTHLY OPERATING REPORT

Date	Time	Flow Meter Reading	Pumpage	Hour Reading	Meter Well 4 Hours	Chlorine Feed lbs Used	Free	Scale	Phosphate Feed lbs Used	PO4 mg/L	Scale	Flouride Feed lbs Used	Operator Initials
31-Jan	08:15	340223		7593.74	0	117.00	0.0	0.00	76	0.00	0.00	408.80	JS
1-Feb	07:51	340254	35	7594.39	0.88	117.50	0.5	1.43	73	2.00	0.73	407.80	JS
2-Feb	06:10	340289	46	7595.27	1.02	117.00	1.0	1.42	71	4.00	1.54	406.70	KL
3-Feb	08:40	340335	54	7596.29	1.24	116.00	0.0	0.70	67	3.00	1.07	405.40	JS
4-Feb	07:40	340389	23	7597.53	0.51	116.00	1.0	0.65	64/100	2.00	1.08	403.70	JS
5-Feb	08:55	340412	53	7598.04	1.22	115.00	0.0	0.79	98	3.00	1.06	403.20	JS
6-Feb	09:10	340465	65	7599.26	1.5	115.00	1.0	1.64	95	3.00	0.75	401.50	JS
7-Feb	08:10	340530	50	7600.76	1.16	114.00	2.0	2.00	92	1.00	1.24	399.30	JS
8-Feb	07:50	340580	67	7601.92	1.54	112.00	0.0	1.96	91	4.00	1.12	397.70	KL
9-Feb	08:30	340647	45	7603.46	1	112.00	1.0	0.42	87	3.00	1.11	395.70	JS
10-Feb	08:00	340692	28	7604.46	0.67	111.00	0.0	0.57	84	3.00	0.88	394.40	JS
11-Feb	07:25	340720	65	7605.13	1.51	111.00	0.0	2.00	81	1.00	1.03	393.40	KL
12-Feb	08:35	340785	44	7606.64	1.05	111.00	1.0	0.72	80	1.00	2.03	391.80	KL
13-Feb	08:50	340829	48	7607.69	1	110.00	0.0	2.15	79	6.00	1.03	390.60	KL
14-Feb	08:05	340877	52	7608.69	1.15	110.00	0.0	0.98	73	1.00	0.83	389.80	JS
15-Feb	08:00	340929	55	7609.84	1.3	110*120	1.0	0.33	72	1.00	1.18	387.5/433.4	JS
16-Feb	08:00	340984	39	7611.14	0.91	119.00	1.0	1.33	71	4.00	0.92	430.70	JS
17-Feb	07:45	341023	31	7612.05	0.75	118.00	0.5	1.35	67	4.00	0.95	430.00	JS
18-Feb	06:20	341054	66	7612.8	1.57	117.50	0.5	1.65	63	1.00	0.85	428.00	KL
19-Feb	09:28	341120	45	7614.37	1	117.00	0.5	0.47	62	1.00	1.30	426.80	JS
20-Feb	08:55	341165	47	7615.37	1.06	116.50	0.5	0.25	61	4.00	0.96	425.10	JS
21-Feb	07:50	341212	66	7616.43	1.5	116.00	1.0	1.96	57	3.00	1.02	423.20	JS
22-Feb	07:45	341278	27	7617.93	0.63	115.00	0.0	0.52	54	1.00	0.94	422.80	JS
23-Feb	07:55	341305	43	7618.56	1.01	115.00	1.0	0.53	53/100	1.00	0.98	421.40	KL
24-Feb	08:20	341348	44	7619.57	1.01	114.00	0.0	2.00	99	1.00	0.96	420.20	JS
25-Feb	08:00	341392	11	7620.58	0.21	114.00	1.0	1.69	98	3.00	2.02	420.00	KL
26-Feb	08:40	341403	98	7620.79	2.25	113.00	1.0	0.82	95	5.00	1.54	417.40	KL
27-Feb	07:40	341501	68	7623.04	1.61	112.00	0.5	1.07	90	6.00	1.45	415.50	KL
28-Feb	08:10	341569	43	7624.65	0.99	111.50	1.06	84	84	0.00	1.08	414.10	KL
1-Mar	08:00	341612		7625.64				1.15	84	84.00	0.81		JS
TOT													
AVE		1358											
MAX		49											
MIN		98											

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32.46  
 1.08  
 2.03  
 0.00

33.61  
 1.12  
 2.15  
 0.00

Ion Stear

VILLAGE OF POPLAR GROVE - SOUTH  
 FOR THE MONTH OF February 2022  
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070300  
 MONTHLY OPERATING REPORT

Date	Time	Flow Meter Reading	Pumpage	Hour Meter Well 5 Reading	Hours	Hour Meter Well 6 Reading	Hours	Chlorine Feed lbs Used	Free	Scale	Phosphate Feed lbs Used	PO4 mg/L	Scale	Fluoride Feed lbs Used	Operator Initials
31-Jan	09:15	547720	0	3531.9	4560.20	0	146.00	0.0	0.00	71	0.00	441.00	0.00	0.00	JS
1-Feb	08:50	547795	62	3531.9	1	4560.20	0	145.00	1.0	0.77	69	5.00	0.84	439.40	0.40
2-Feb	08:50	547857	52	3532.9	0.8	4560.20	0	144.00	0.0	1.13	64	0.00	1.04	439.00	0.80
3-Feb	07:20	547909	79	3533.7	1.3	4560.20	0	144.00	2.0	1.11	64	2.00	0.75	438.20	1.60
4-Feb	09:05	547988	67	3535	1.1	4560.20	0	142.00	1.0	1.15	62/101	1.00	0.54	436.60	1.20
5-Feb	08:30	548055	75	3536.1	1.2	4560.20	0	141.00	1.0	1.34	100	3.00	0.58	435.40	1.80
6-Feb	09:50	548130	70	3537.3	1.1	4560.20	0	140.00	1.0	1.28	97	2.00	0.62	433.60	1.00
7-Feb	09:00	548200	75	3538.4	1.1	4560.20	0	139.00	1.0	1.22	95	4.00	0.51	432.60	1.40
8-Feb	08:35	548275	51	3539.5	0.9	4560.20	0	138.00	1.0	1.20	91	1.00	0.75	431.20	1.20
9-Feb	07:45	548326	81	3540.4	1.2	4560.20	0	137.00	2.0	1.16	90	4.00	0.65	430.00	1.00
10-Feb	09:30	548407	48	3541.6	0.8	4560.20	0	135.00	2.0	1.11	86	3.00	0.70	429.00	1.80
11-Feb	08:15	548455	70	3542.4	1.1	4560.20	0	133.00	0.5	1.03	83	2.00	0.94	427.20	1.00
12-Feb	08:50	548525	70	3543.5	1.1	4560.20	0	132.50	1.5	1.22	81	2.00	1.03	426.20	1.60
13-Feb	09:20	548595	88	3544.6	1.4	4560.20	0	131.00	0.0	1.16	79	5.00	0.85	424.60	2.20
14-Feb	08:10	548663	64	3546	1	4560.20	0	131.00	1.0	1.17	74	1.00	0.60	422.4/465.4	6.00
15-Feb	09:05	548747	59	3547	1	4560.20	0	130*60	1.0	1.37	73	3.00	1.00	464.80	0.80
16-Feb	07:05	548806	63	3548	1	4560.20	0	159.00	1.0	1.56	70	5.00	0.84	464.00	1.00
17-Feb	09:10	548869	58	3549	0.9	4560.20	0	158.00	1.0	1.36	65	4.00	0.78	463.00	1.00
18-Feb	07:00	548927	69	3549.9	1.1	4560.20	0	157.00	1.0	1.30	61	2.00	0.77	462.00	2.00
19-Feb	09:50	548996	70	3551	1.1	4560.20	0	156.00	1.0	1.29	59/100	1.00	0.76	460.00	1.20
20-Feb	09:20	549066	77	3552.1	1.2	4560.20	0	155.00	3.0	1.59	99	5.00	0.76	458.80	1.20
21-Feb	08:50	549143	72	3553.3	1.2	4560.20	0	152.00	0.0	1.35	94	3.00	0.74	457.60	0.80
22-Feb	08:55	549215	71	3554.5	1.1	4560.20	0	152.00	0.0	1.30	91	5.00	0.82	456.80	1.20
23-Feb	09:08	549286	54	3555.6	0.9	4560.20	0	152.00	1.0	1.66	86	3.00	0.99	455.60	1.00
24-Feb	07:15	549340	69	3556.5	1.1	4560.20	0	151.00	2.0	1.31	83	3.00	0.75	454.60	1.00
25-Feb	09:30	549409	51	3557.6	0.8	4560.20	0	149.00	1.0	1.25	80	1.00	1.09	453.60	1.40
26-Feb	09:10	549460	68	3558.4	1	4560.20	0	148.00	1.0	1.22	79	6.00	1.19	452.20	1.40
27-Feb	08:00	549528	74	3559.4	1.2	4560.20	0	147.00	2.0	1.24	73	3.00	1.13	450.80	1.60
28-Feb	08:40	549602	72	3560.6	1.1	4560.20	0	145.00	1.0	1.24	70	2.00	0.95	449.20	KL
1-Mar	09:00	549674	3561.7					144.00		1.42	68		0.88		JS
TOT															
AVE															
MAX															
MIN															

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