



2323 Fourth Street, PO Box 483 Peru, IL 61354
Phone: 815-224-1650 Toll Free: 800-659-4659
www.testinc.com

April 3, 2022

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 February 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.
- Load tested small generator at lift station.
- Check all dialers to ensure they are working.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- All personnel have taken safety classes on electrical safety, lock out tag out, confined space and emergency action planning.
- Still waiting on parts for the screen.
- Replace a couple transducers that were bad.
- Decanted Digesters.
- Tested all emergency wash stations.

South WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- UV lights are pulled and ready to go back in. We were able to get by this year without replacing the bulbs, but will have to next winter. We have put this in the budget.
- We had a blower go bad on one of the floating mixers. Sable is getting us a price for a new one. UPDATE: They have the parts to fix but we are waiting for the ground to dry out so they can get their crain truck next to the SBR.



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- Transferred sludge to drying beds.
- Decanted digesters.
- Replaced a transducer at the internal lift station within the plant.
- We replaced some leaking air line connections.
- Cleaned sand filter room.
- Tested all emergency wash stations.

Water System:

- Cleaned well houses.
- We had an issue at well 3 that caused the VFD to fault. Not sure what it was other than a power blip.
- We have been testing static and pumping levels at the wells and well 4, (country side) both 5 and 6 have been good. Well 3 is getting close to where we might have to think about having the well dropped in the casing. I have been in talks with a couple well companies on what their thoughts are. I will update David when I know something from there.
- 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.

Ion Stear
Certified Operator/Manager

Permit #: IL0023451 Major: No		Permittee: POPLAR GROVE, VILLAGE OF Permittee Address: 200 NORTH HILL STREET POPLAR GROVE, IL 61065		Facility: POPLAR GROVE - NORTH WWTP VILLAGE OF Facility Location: 205 EDSON RD POPLAR GROVE, IL 61065												
Permitted Feature: 001 Externa Outfall		Discharge: 001.0 STP OUTFALL														
Report Dates & Status Monitoring Period: From 02/01/23 to 02/28/23 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.		DMR Due Date 03/25/23		Status: NetDMR Validated												
Principal Executive Officer First Name: Ion Last Name: Stear		Certified Operator 815-224-1650		Telephone:												
No Data Indicator (NODI) Form NODI: -		Title:														
Code	Parameter Name	Monitoring Location	System	Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Qualifier 2	Value 1	Qualifier 3	Value 2	Qualifier 4	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample Permit Req. Value NODI	Qualifier 1	Qualifier 2	Value 1	Qualifier 3	Value 2	Qualifier 4	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Qualifier 2	Value 1	Qualifier 3	Value 2	Qualifier 4	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Qualifier 2	Value 1	Qualifier 3	Value 2	Qualifier 4	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-	Sample Permit Req. Value NODI	Qualifier 1	Qualifier 2	Value 1	Qualifier 3	Value 2	Qualifier 4	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Qualifier 2	Value 1	Qualifier 3	Value 2	Qualifier 4	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Qualifier 2	Value 1	Qualifier 3	Value 2	Qualifier 4	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Qualifier 1	Qualifier 2	Value 1	Qualifier 3	Value 2	Qualifier 4	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type

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: eburgamer
 Name: Elaine BURGAMER
 E-Mail: eburgamer@lestinc.com
 Date/Time: 2023-03-24 09:49 (Time Zone: -05:00)
 Report Last Signed By
 User: IONSTEAR

Permit #: IL0023451 Major: No		Permittee: POPLAR GROVE, NORTH WWTP, VILLAGE OF Permittee Address: 205 EDSON RD POPLAR GROVE, IL 61065		Facility: POPLAR GROVE - NORTH WWTP, VILLAGE OF Facility Location: 205 EDSON RD POPLAR GROVE, IL 61065	
Permitted Feature: INF Influent Structure		Discharge: INF-L INFLUENT MONITORING			
Report Dates & Status					
Monitoring Period: From 02/01/23 to 02/28/23 Considerations for Form Completion		DMR Due Date: 03/25/23		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	Section & Parameter NODI	Sample Permit Req Value NODI	Quantity as Leading Occurrence 1 Value 1 Occurrence 2 Value 2 Units Occurrence 3 Value 3 Units Occurrence 4 Value 4 Units Occurrence 5 Value 5 Units Occurrence 6 Value 6 Units Occurrence 7 Value 7 Units Occurrence 8 Value 8 Units Occurrence 9 Value 9 Units Occurrence 10 Value 10 Units Occurrence 11 Value 11 Units Occurrence 12 Value 12 Units Occurrence 13 Value 13 Units Occurrence 14 Value 14 Units Occurrence 15 Value 15 Units Occurrence 16 Value 16 Units Occurrence 17 Value 17 Units Occurrence 18 Value 18 Units Occurrence 19 Value 19 Units Occurrence 20 Value 20 Units Occurrence 21 Value 21 Units Occurrence 22 Value 22 Units Occurrence 23 Value 23 Units Occurrence 24 Value 24 Units Occurrence 25 Value 25 Units Occurrence 26 Value 26 Units Occurrence 27 Value 27 Units Occurrence 28 Value 28 Units Occurrence 29 Value 29 Units Occurrence 30 Value 30 Units Occurrence 31 Value 31 Units Occurrence 32 Value 32 Units Occurrence 33 Value 33 Units Occurrence 34 Value 34 Units Occurrence 35 Value 35 Units Occurrence 36 Value 36 Units Occurrence 37 Value 37 Units Occurrence 38 Value 38 Units Occurrence 39 Value 39 Units Occurrence 40 Value 40 Units Occurrence 41 Value 41 Units Occurrence 42 Value 42 Units Occurrence 43 Value 43 Units Occurrence 44 Value 44 Units Occurrence 45 Value 45 Units Occurrence 46 Value 46 Units Occurrence 47 Value 47 Units Occurrence 48 Value 48 Units Occurrence 49 Value 49 Units Occurrence 50 Value 50 Units Occurrence 51 Value 51 Units Occurrence 52 Value 52 Units Occurrence 53 Value 53 Units Occurrence 54 Value 54 Units Occurrence 55 Value 55 Units Occurrence 56 Value 56 Units Occurrence 57 Value 57 Units Occurrence 58 Value 58 Units Occurrence 59 Value 59 Units Occurrence 60 Value 60 Units Occurrence 61 Value 61 Units Occurrence 62 Value 62 Units Occurrence 63 Value 63 Units Occurrence 64 Value 64 Units Occurrence 65 Value 65 Units Occurrence 66 Value 66 Units Occurrence 67 Value 67 Units Occurrence 68 Value 68 Units Occurrence 69 Value 69 Units Occurrence 70 Value 70 Units Occurrence 71 Value 71 Units Occurrence 72 Value 72 Units Occurrence 73 Value 73 Units Occurrence 74 Value 74 Units Occurrence 75 Value 75 Units Occurrence 76 Value 76 Units Occurrence 77 Value 77 Units Occurrence 78 Value 78 Units Occurrence 79 Value 79 Units Occurrence 80 Value 80 Units Occurrence 81 Value 81 Units Occurrence 82 Value 82 Units Occurrence 83 Value 83 Units Occurrence 84 Value 84 Units Occurrence 85 Value 85 Units Occurrence 86 Value 86 Units Occurrence 87 Value 87 Units Occurrence 88 Value 88 Units Occurrence 89 Value 89 Units Occurrence 90 Value 90 Units Occurrence 91 Value 91 Units Occurrence 92 Value 92 Units Occurrence 93 Value 93 Units Occurrence 94 Value 94 Units Occurrence 95 Value 95 Units Occurrence 96 Value 96 Units Occurrence 97 Value 97 Units Occurrence 98 Value 98 Units Occurrence 99 Value 99 Units Occurrence 100 Value 100 Units Occurrence 101 Value 101 Units Occurrence 102 Value 102 Units Occurrence 103 Value 103 Units Occurrence 104 Value 104 Units Occurrence 105 Value 105 Units Occurrence 106 Value 106 Units Occurrence 107 Value 107 Units Occurrence 108 Value 108 Units Occurrence 109 Value 109 Units Occurrence 110 Value 110 Units Occurrence 111 Value 111 Units Occurrence 112 Value 112 Units Occurrence 113 Value 113 Units Occurrence 114 Value 114 Units Occurrence 115 Value 115 Units Occurrence 116 Value 116 Units Occurrence 117 Value 117 Units Occurrence 118 Value 118 Units Occurrence 119 Value 119 Units Occurrence 120 Value 120 Units Occurrence 121 Value 121 Units Occurrence 122 Value 122 Units Occurrence 123 Value 123 Units Occurrence 124 Value 124 Units Occurrence 125 Value 125 Units Occurrence 126 Value 126 Units Occurrence 127 Value 127 Units Occurrence 128 Value 128 Units Occurrence 129 Value 129 Units Occurrence 130 Value 130 Units Occurrence 131 Value 131 Units Occurrence 132 Value 132 Units Occurrence 133 Value 133 Units Occurrence 134 Value 134 Units Occurrence 135 Value 135 Units Occurrence 136 Value 136 Units Occurrence 137 Value 137 Units Occurrence 138 Value 138 Units Occurrence 139 Value 139 Units Occurrence 140 Value 140 Units Occurrence 141 Value 141 Units Occurrence 142 Value 142 Units Occurrence 143 Value 143 Units Occurrence 144 Value 144 Units Occurrence 145 Value 145 Units Occurrence 146 Value 146 Units Occurrence 147 Value 147 Units Occurrence 148 Value 148 Units Occurrence 149 Value 149 Units Occurrence 150 Value 150 Units Occurrence 151 Value 151 Units Occurrence 152 Value 152 Units Occurrence 153 Value 153 Units Occurrence 154 Value 154 Units Occurrence 155 Value 155 Units Occurrence 156 Value 156 Units Occurrence 157 Value 157 Units Occurrence 158 Value 158 Units Occurrence 159 Value 159 Units Occurrence 160 Value 160 Units Occurrence 161 Value 161 Units Occurrence 162 Value 162 Units Occurrence 163 Value 163 Units Occurrence 164 Value 164 Units Occurrence 165 Value 165 Units Occurrence 166 Value 166 Units Occurrence 167 Value 167 Units Occurrence 168 Value 168 Units Occurrence 169 Value 169 Units Occurrence 170 Value 170 Units Occurrence 171 Value 171 Units Occurrence 172 Value 172 Units Occurrence 173 Value 173 Units Occurrence 174 Value 174 Units Occurrence 175 Value 175 Units Occurrence 176 Value 176 Units Occurrence 177 Value 177 Units Occurrence 178 Value 178 Units Occurrence 179 Value 179 Units Occurrence 180 Value 180 Units Occurrence 181 Value 181 Units Occurrence 182 Value 182 Units Occurrence 183 Value 183 Units Occurrence 184 Value 184 Units Occurrence 185 Value 185 Units Occurrence 186 Value 186 Units Occurrence 187 Value 187 Units Occurrence 188 Value 188 Units Occurrence 189 Value 189 Units Occurrence 190 Value 190 Units Occurrence 191 Value 191 Units Occurrence 192 Value 192 Units Occurrence 193 Value 193 Units Occurrence 194 Value 194 Units Occurrence 195 Value 195 Units Occurrence 196 Value 196 Units Occurrence 197 Value 197 Units Occurrence 198 Value 198 Units Occurrence 199 Value 199 Units Occurrence 200 Value 200 Units Occurrence 201 Value 201 Units Occurrence 202 Value 202 Units Occurrence 203 Value 203 Units Occurrence 204 Value 204 Units Occurrence 205 Value 205 Units Occurrence 206 Value 206 Units Occurrence 207 Value 207 Units Occurrence 208 Value 208 Units Occurrence 209 Value 209 Units Occurrence 210 Value 210 Units Occurrence 211 Value 211 Units Occurrence 212 Value 212 Units Occurrence 213 Value 213 Units Occurrence 214 Value 214 Units Occurrence 215 Value 215 Units Occurrence 216 Value 216 Units Occurrence 217 Value 217 Units Occurrence 218 Value 218 Units Occurrence 219 Value 219 Units Occurrence 220 Value 220 Units Occurrence 221 Value 221 Units Occurrence 222 Value 222 Units Occurrence 223 Value 223 Units Occurrence 224 Value 224 Units Occurrence 225 Value 225 Units Occurrence 226 Value 226 Units Occurrence 227 Value 227

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 POPLAR GROVE, IL 61065	Facility Location:	12211 STATE ROUTE 78 POPLAR GROVE, IL 61065
Permitted Feature:	001 External Outfall	Discharge:	001-0 STP OUTFALL		

Report Dates & Status	From 02/01/23 to 02/28/23	DMR Due Date:	03/25/23	Status:	Not DMR Validated
Monitoring Period:	Considerations for Form Completion				
BOW ID:	W0070150006; DMF LOAD LIMITS DISPLAYED.				
Principal Executive Officer					

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

No Data Indicator (NODI)	
Form NODI:	

Cell	Parameter	Monitoring Location	Session	Param. NODI	Sample	Permit Req	Value	Qualifier 1	Qualifier 2	Qualifier 3	Units	Value 1	Value 2	Value 3	Units	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample	Permit Req											GR - GRAB
					Permit Req	Value NODI											GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample	Permit Req											GR - GRAB
					Permit Req	Value NODI											GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req											CP - COMPOS
					Permit Req	Value NODI											CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	-	Sample	Permit Req											CP - COMPOS
					Permit Req	Value NODI											CP - COMPOS
00610	Nitrogen, ammoniacal total [as N]	1 - Effluent Gross	2	-	Sample	Permit Req											CP - COMPOS
					Permit Req	Value NODI											CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample	Permit Req											CP - COMPOS
					Permit Req	Value NODI											CP - COMPOS
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	Permit Req											CP - COMPOS
					Permit Req	Value NODI											CP - COMPOS
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample	Permit Req											CP - COMPOS
					Permit Req	Value NODI											CP - COMPOS
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample	Permit Req											CP - COMPOS
					Permit Req	Value NODI											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	eburngamer
POPLAR GROVE, VILLAGE OF	
User:	

Permit														
Permit #:		IL0071447		Permittee:		POPLAR GROVE, VILLAGE OF		Facility:						
Major:		Yes		Permittee Address:		200 S HILL ST POPLAR GROVE, IL 61065		12211 STATE ROUTE 76 POPLAR GROVE, IL 61065						
Permitted Feature:		INF Influent Structure		Discharge:		INF-L INFLUENT MONITORING								
Report Dates & Status														
Monitoring Period:		From 02/01/23 to 02/28/23												
Considerations for Form Completion														
BOW ID: W0070150006														
Principal Executive Officer														
First Name:		Ion		Title:		Certified Operator		Telephone:						
Last Name:		Sleaz						815-224-1650						
No Data Indicator (NODI)														
Form NODI:														
Code	Parameter Name	Monitoring Location	Baseline Parameter NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-	Sample Permit Req. Value NODI								03DW - 3 Days Every Week	CP - COMPOS
													03DW - 3 Days Every Week	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	-	Sample Permit Req. Value NODI								03DW - 3 Days Every Week	CP - COMPOS
													03DW - 3 Days Every Week	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI								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 NODI								03DW - 3 Days Every Week	CP - COMPOS
													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														
No errors.														
Comments														
Attachments														
No attachments.														
Report Last Saved By														
POPLAR GROVE, VILLAGE OF														
User:														
Name:														
E-Mail:														
Date/Time:														
Report Last Signed By														
User:														
Name:														
E-Mail:														
Date/Time:														

VILLAGE OF POPLAR GROVE - WEST
 FOR THE MONTH OF Feb-23
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070350
 MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed		Free	Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	lbs Used		Scale	lbs Used	Scale	lbs Used	
31-Jan	09:30	362958		8115.85		104.00		1.47	56		360.00		IS
1-Feb	09:30	363027	67	8117.42	1.56	102.00	1.0	1.46	54	4.00	358.00	1.00	IS
2-Feb	09:30	363094	69	8118.98	1.6	101.00	2.0	1.43	50	6.00	357.00	1.00	IS
3-Feb	09:30	363163	45	8120.58	1.04	99.00	1.0	1.41	44/100	2.00	356.00	1.00	IS
4-Feb	09:30	363208	70	8121.62	1.59	98.00	1.0	1.18	98	4.00	355.00	2.00	IS
5-Feb	09:30	363278	93	8123.21	2.16	97.00	3.0	1.42	94	6.00	353.00	1.00	IS
6-Feb	09:30	363371	68	8125.37	1.58	95/160	2.0	0.70	88	4.00	352.00	1.00	IS
7-Feb	09:30	363439	68	8126.95	1.62	158.00	2.0	2.20	84	4.00	351/436	2.00	IS
8-Feb	09:30	363507	69	8128.57	1.55	156.00	0.0	2.00	80	4.00	434.00	1.00	IS
9-Feb	09:30	363576	68	8130.12	1.56	153.00	1.0	1.70	76	4.00	433.00	1.00	IS
10-Feb	09:30	363644	67	8131.68	1.54	151.00	2.0	2.00	72	4.00	432.00	1.00	IS
11-Feb	09:30	363711	92	8133.22	1.11	149.00	2.0	1.84	68	6.00	431.00	2.00	IS
12-Feb	09:30	363803	91	8134.33	3.1	147.00	3.0	2.20	62	4.00	429.00	2.00	IS
13-Feb	09:30	363894	44	8137.43	1	144.00	1.0	2.10	58	4.00	427.00	1.00	IS
14-Feb	09:30	363938	67	8138.43	1.56	143.00	2.0	2.00	54	4.00	426.00	1.00	IS
15-Feb	09:30	364005	61	8139.99	1.39	141.00	1.0	2.00	50	4.00	425.00	2.00	IS
16-Feb	09:30	364066	57	8141.38	1.33	140.00	1.0	1.73	46	4.00	423.00	1.00	IS
17-Feb	09:30	364123	30	8142.71	0.67	139.00	0.0	1.29	42/100	2.00	422.00	0.00	IS
18-Feb	09:30	364153	90	8143.38	2.07	139.00	1.0	2.00	98	4.00	422.00	2.00	IS
19-Feb	09:30	364243	90	8145.45	2.09	138.00	3.0	1.01	94	6.00	420.00	1.00	IS
20-Feb	09:30	364333	59	8147.54	1.35	135.00	1.0	1.18	88	4.00	419.00	2.00	IS
21-Feb	09:30	364392	85	8148.89	1.97	134.00	1.0	2.00	84	4.00	417.00	1.00	IS
22-Feb	09:30	364477	59	8150.86	1.43	133.00	1.0	1.03	80	4.00	416.00	2.00	IS
23-Feb	09:30	364536	61	8152.29	1.31	132.00	1.0	1.07	76	4.00	414.00	1.00	IS
24-Feb	09:30	364597	55	8153.6	0.56	131.00	1.0	1.31	72	4.00	413.00	1.00	IS
25-Feb	09:30	364652	67	8154.16	2.03	130.00	1.0	1.22	68	6.00	412.00	1.00	IS
26-Feb	09:30	364719	88	8156.19	2.21	129.00	1.0	0.71	62	6.00	411.00	2.00	IS
27-Feb	09:30	364807	59	8158.4	1.31	128.00	1.0	1.81	56	4.00	409.00	1.00	IS
28-Feb	09:30	364866	86	8159.71	2.11	127.00	1.0	1.60	52	2.00	408.00	2.00	IS
1-Mar	09:30	364952		8161.82		126.00	126.0	1.66	50	50.00	406.00		IS
TOT			1925					46.73					35.43
AVE			69					1.56					1.18
MAX			93					2.20					1.93
MIN			307					0.70					0.67

SIGNATURE: _____ Ion Stear

PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH

FOR THE MONTH OF FEB. 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		Free	Scale	Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used			Scale	lbs Used	Scale	lbs Used	
31-Jan	10:00	577985	69	4007.2	1.1	4757.60	0	96.00	1.0	1.32	76	4.00	4.00	368.00	2.00	
1-Feb	10:00	578054	70	4008.3	1.1	4757.60	0	95.00	1.0	1.11	72	2.00	2.00	366.00	1.00	
2-Feb	10:00	578124	51	4009.4	0.8	4757.60	0	94.00	1.0	0.91	70	4.00	4.00	365.00	1.00	IS
3-Feb	10:00	578175	67	4010.2	1	4757.60	0	93.00	1.0	1.34	66	4.00	4.00	364.00	2.00	IS
4-Feb	10:00	578242	69	4011.2	1.1	4757.60	0	92.00	1.0	1.23	62	2.00	2.00	362.00	2.00	IS
5-Feb	10:00	578311	87	4012.3	1.4	4757.60	0	91.00	0.0	1.33	60	6.00	6.00	360.00	2.00	IS
6-Feb	10:00	578398	54	4013.7	0.8	4757.60	0	91/159	1.0	1.24	54	2.00	2.00	358.00	1.00	IS
7-Feb	10:00	578452	68	4014.5	1.1	4757.60	0	160.00	3.0	1.60	52	4.00	4.00	357/453	2.00	IS
8-Feb	10:00	578520	53	4015.6	0.8	4757.60	0	157.00	1.0	1.41	48	2.00	2.00	451.00	1.00	IS
9-Feb	10:00	578573	69	4016.4	1.1	4757.60	0	156.00	1.0	1.49	46	4.00	4.00	450.00	2.00	IS
10-Feb	10:00	578642	52	4017.5	0.8	4757.60	0	155.00	1.0	1.60	42	5.00	5.00	448.00	1.00	IS
11-Feb	10:00	578694	70	4018.3	1.1	4757.60	0	154.00	1.0	1.55	40/102	2.00	2.00	447.00	2.00	IS
12-Feb	10:00	578764	88	4019.4	1.4	4757.60	0	153.00	1.0	1.40	100	6.00	6.00	445.00	2.00	IS
13-Feb	10:00	578852	53	4020.8	0.8	4757.60	0	152.00	1.0	1.47	94	4.00	4.00	443.00	1.00	IS
14-Feb	10:00	578905	68	4021.6	1.1	4757.60	0	151.00	1.0	1.50	90	2.00	2.00	442.00	2.00	IS
15-Feb	10:00	578973	70	4022.7	1.1	4757.60	0	150.00	1.0	1.32	88	4.00	4.00	440.00	1.00	IS
16-Feb	10:00	579043	70	4023.8	1.1	4757.60	0	149.00	2.0	2.01	84	4.00	4.00	439.00	2.00	IS
17-Feb	10:00	579113	34	4024.9	0.5	4757.60	0	147.00	1.0	1.67	80	2.00	2.00	437.00	1.00	IS
18-Feb	10:00	579147	70	4025.4	1.1	4757.60	0	146.00	1.0	1.24	78	2.00	2.00	436.00	2.00	IS
19-Feb	10:00	579217	70	4026.5	1.1	4757.60	0	145.00	1.0	1.30	76	4.00	4.00	434.00	1.00	IS
20-Feb	10:00	579287	70	4027.6	1.1	4757.60	0	144.00	1.0	1.43	72	4.00	4.00	433.00	2.00	IS
21-Feb	10:00	579357	70	4028.7	1.1	4757.60	0	143.00	1.0	1.84	68	4.00	4.00	431.00	1.00	IS
22-Feb	10:00	579427	71	4029.8	1.1	4757.60	0	142.00	1.0	1.30	64	4.00	4.00	430.00	2.00	IS
23-Feb	10:00	579498	52	4030.9	0.8	4757.60	0	141.00	1.0	1.38	60	2.00	2.00	428.00	1.00	IS
24-Feb	10:00	579550	51	4031.7	0.8	4757.60	0	140.00	2.0	1.01	58	4.00	4.00	427.00	1.00	IS
25-Feb	10:00	579601	69	4032.5	1.1	4757.60	0	138.00	1.0	1.09	54	4.00	4.00	426.00	1.00	IS
26-Feb	10:00	579670	71	4033.6	1.1	4757.60	0	137.00	0.0	1.00	50	2.00	2.00	425.00	2.00	IS
27-Feb	10:00	579741	69	4034.7	1.1	4757.60	0	137.00	2.0	0.89	48	4.00	4.00	423.00	2.00	IS
28-Feb	10:00	579810	69	4035.8	1	4757.60	0	135.00	1.0	1.29	44	4.00	4.00	421.00	1.00	IS
1-Mar	10:00	579879		4036.8		4757.60		134.00	134.0	1.54	40	40.00	40.00	420.00		IS
TOT			1894				0			40.81						
AVE			65				0			1.36						
MAX			88				0			2.01						
MIN			34				0			0.89						

SIGNATURE:  PHONE: 815-224-1650

Ion Stear

**VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF Feb-23
ILLINOIS ENVIRONMENTAL PROTECTION
DIVISION OF PUBLIC WATER SUPPLIES**

Date	Time	Flow Meter		Hour Meter Well 2		Hour Meter Well 3		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	
31-Jan	08:00	36529925.90		10063.5		29403.00	7.00	116	1.0	0.95	62	4.00	24.75	0.8	IS	
1-Feb	08:00	365426955.90	124584.3	10063.5	0	29410.00	6.00	115	2.0	1.48	58	6.00	24.00	0.3	IS	
2-Feb	08:00	365551540.20	129684.5	10063.5	0	29416.00	6.00	113	1.0	0.96	52	4.00	23.75	0.3	IS	
3-Feb	08:00	365681224.70	122597.8	10063.5	0	29422.00	7.00	112	2.0	1.00	48/100	4.00	23.50	0.5	IS	
4-Feb	08:00	365803822.50	155018.5	10063.5	0	29429.00	7.00	110	2.0	1.20	96	4.00	23.00	0.3	IS	
5-Feb	08:00	365958841.00	202206.2	10063.5	0	29436.00	10.00	108	2.0	1.38	92	10.00	22.75	0.3	IS	
6-Feb	08:00	366161047.20	144123.4	10063.5		29446.00	8.00	106/160	1.0	1.50	82	4.00	22.50	0.5	IS	
7-Feb	08:00	366305170.60	128614.9	10063.5	0	29454.00	6.00	159	1.0	1.31	78	6.00	22/51	1.0	IS	
8-Feb	08:00	366433785.50	129939.6	10063.5	0	29460.00	7.00	158	1.0	0.91	72	6.00	50.00	0.3	IS	
9-Feb	08:00	366563725.10	129562.4	10063.5	0	29467.00	6.00	157	2.0	0.80	66	6.00	49.75	0.0	IS	
10-Feb	08:00	366693287.50	152279.5	10063.5	0	29473.00	8.00	155	1.0	0.98	60	4.00	49.75	0.8	IS	
11-Feb	08:00	366845567.00	151786	10063.5	0	29481.00	7.00	154	4.0	0.89	56	6.00	49.00	0.3	IS	
12-Feb	08:00	366997353.00	145103	10063.5	0	29488.00	8.00	150	1.0	1.36	50	6.00	48.75	0.8	IS	
13-Feb	08:00	367142456.00	145571.1	10063.5	0	29496.00	7.00	149	2.0	1.44	44	4.00	48.00	0.5	IS	
14-Feb	08:00	367288027.10	138502.3	10063.5	0	29503.00	7.00	147	2.0	1.47	40/100	6.00	47.50	0.5	IS	
15-Feb	08:00	367426529.40	120343.8	10063.5	0	29510.00	6.00	145	2.0	1.12	94	4.00	47.00	0.3	IS	
16-Feb	08:00	367546873.20	130969.1	10063.5	0	29516.00	6.00	143	2.0	1.26	90	6.00	46.75	0.5	IS	
17-Feb	08:00	367677842.30	122651.7	10063.5	0	29522.00	6.00	141	1.0	1.34	84	4.00	46.25	0.3	IS	
18-Feb	08:00	367800494.00	119892.6	10063.5	0	29528.00	6.00	140	1.0	1.69	80	4.00	46.00	0.5	IS	
19-Feb	08:00	367920386.60	168989.3	10063.5	0	29534.00	9.00	139	3.0	1.63	76	6.00	45.50	0.5	IS	
20-Feb	08:00	368089375.90	125450.1	10063.5	0	29543.00	6.00	136	1.0	1.50	70	6.00	45.00	0.3	IS	
21-Feb	08:00	368214826.00	122224.9	10063.5	0	29549.00	6.00	135	1.0	1.52	64	4.00	44.75	0.0	IS	
22-Feb	08:00	368337050.90	127762.2	10063.5	0	29555.00	7.00	134	2.0	1.17	60	6.00	44.75	0.8	IS	
23-Feb	08:00	368464813.10	127658.4	10063.5	0	29562.00	6.00	132	1.0	1.33	54	4.00	44.00	0.5	IS	
24-Feb	08:00	368592471.50	119462	10063.5	0	29568.00	6.00	131	2.0	1.34	50	5.00	43.50	0.5	IS	
25-Feb	08:00	368711933.50	121984.5	10063.5	0	29574.00	5.00	129	2.0	1.20	45	5.00	43.00	1.0	IS	
26-Feb	08:00	368833918.00	144480	10063.5	0	29579.00	8.00	127	2.0	1.31	40	4.00	42.00	0.0	IS	
27-Feb	08:00	368978398.00	137155	10063.5	0	29587.00	7.00	125	2.0	1.28	36/100	6.00	42.00	0.5	IS	
28-Feb	08:00	369115553.00	142267.4	10063.5	0	29594.00	7.00	123	1.0	1.36	94	6.00	41.50	0.0	IS	
1-Mar	08:00	369257820.40		10063.5		29601.00		122		1.46	88		41.50	41.5	IS	
TOT			3830865				198			38.14				23.66		
AVE			136817				7			1.27				0.79		
MAX			202206				10			1.69				1.24		
MIN			119462				5			0.80				0.5		

SIGNATURE: Jon Sear

PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE
 FOR THE MONTH OF FEB. 2023
 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)				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	TOWER	1.48		0.6	TOWER	1.41		1.06	TOWER	1.32			
2	ELEM	1.3		0.92	OL OFFICE	0.45		0.35	TOWER	1.08			
3	VILLAGE	0.5		1.39	GARAGE	1.19		0.95	TOWER	1.01			
4													
5													
6	TOWER	1.5		0.96	TOWER	0.75		1.15	TOWER	0.98			
7	FIRE	1.31		0.89	GAS	1.05		0.78	TOWER	1.3			
8	ELEM	1.15		0.92	OL OFFICE	0.53		0.54	TOWER	1.07			
9	VILLAGE	0.55		1.45	GARAGE	2		1.06	TOWER	1.05			
10	TOWER	0.98		1.08	TOWER	2		0.98	TOWER	1.08			
11													
12													
13	FIRE	1.4		0.86	OL OFFICE	2.05		0.54	TOWER	1.47			
14	ELEM	1.15		0.94	GAS	2.15		0.99	TOWER	1.02			
15	VILLAGE	0.36		1.55	GARAGE	2.18		1.26	TOWER	1.17			
16	TOWER	1.26		0.68	TOWER	1.97		0.99	TOWER	1.26			
17	FIRE	1.34		0.78	OL OFFICE	1.79		0.58	TOWER	1.25			
18													
19													
20	ELEM	1.17		0.91	GAS	0.93		0.92	TOWER	1.02			
21	VILLAGE	0.37		1.65	GARAGE	1.22		1.23	TOWER	1.2			
22	TOWER	1.17		0.62	TOWER	0.87		0.77	TOWER	1.05			
23	FIRE	1.13		1.3	OL OFFICE	0.82		0.55	TOWER	0.95			
24	ELEM	1.12		1.03	GAS	0.6		1.06	TOWER	1.06			
25													
26													
27	TOWER	1.28		0.8	TOWER	0.89		0.81	TOWER	1.2			
28	VILLAGE	1.1		0.85	GAS	0.95		0.88	TOWER	1.1			
29													
30													
31													
1													



Signature: Ion Stear
 PHONE: 815-224-1650