



February 2, 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

www.testinc.com

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 December 2021 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:

- Pulled up and cleaned floats.
- Changed a bad motor starter at Waco lift station
- After that motor starter went bad, we went to all the lift stations and checked on how the other ones are looking. We have a few that look questionable and will order them as soon as they start to act up.

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.
- We have been working with Mitch to come up with a solution for the screen.
- We have had our fair share of issues with the cold, but nothing that we haven't been able to come up with a solution and fix, so it doesn't happen again.

South WWTP:

- All standard monthly checks/maintenance/cleaning and producers were completed.
- Everything has been ordered and most things have been received for SBR3.
- We are reading the sand filters.
- We are getting quotes to replace the sand filter pumps because they are in bad shape and starting to have holes in them from corrosion.
- Sent sludge to drying bed.
- Decanted digesters.
- So far, we have only had the airlines freeze once, and it was an easy fix.

Water System:

- Cleaned well houses.
- Changed out bad outdoor lights on well 5 and well 3.
- Public works painted the walls where the paint was flaking.

- We had our IEPA inspection, and everything went well.
- Fixed a CL2 pump at well 5/6.
- We also ordered a new piece of 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		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 76				
Permitted Feature:		INF Influent Structure		Discharge:		INF-L INFLUENT MONITORING				POPLAR GROVE, IL 61065				
Report Dates & Status		From 12/01/21 to 12/31/21		DMR Due Date:		01/25/22		Status:		NotDMR Validated				
Monitoring Period:		From 12/01/21 to 12/31/21		DMR Due Date:		01/25/22								
Considerations for Form Completion														
BOW ID: W0070150006														
Principal Executive Officer														
First Name:		Ion		Title:										
Last Name:		Stear												
No Data Indicator (NODI)														
Form NODI:														
Code	Parameter Name	Monitoring Location	Season	Sample Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-								19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	-								19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS
00665	Phosphorus, total (as P)	1 - Effluent Gross	0	-								19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-								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 No errors. Comments														
Attachments No attachments.														
Report Last Saved By POPLAR GROVE, VILLAGE OF														
User: eburgamer														
Name: Elaine Bургamer														
E-Mail: eburgamer@teslinc.com														
Date/Time: 2022-01-21 14:01 (Time Zone: -05:00)														
Report Last Signed By User: IONSTEAR														
Name: Ion Stear														
E-Mail: iastea@teslinc.com														
Date/Time: 2022-01-24 09:39 (Time Zone: -05:00)														

Permit	IL0071447	Permittee:	POPLAR GROVE, VILLAGE OF 200 S HILL ST POPLAR GROVE, IL 61065	Facility:	POPLAR GROVE SOUTH STP VILLAGE OF 12211 STATE ROUTE 76 POPLAR GROVE, IL 61065											
Major:	Yes	Permit Address:		Discharge:												
Permitted Feature:	001 External Outfall	DWR Due Date:	01/25/22	Status:	NeDWR Validated											
Report Dates & Status	From 12/01/21 to 12/31/21	Monitoring Period:		Telephone:												
Considerations for Form Completion	BOW ID: W0070150005 DMF LOAD LIMITS DISPLAYED.	Principal Executive Officer														
First Name:	Ion	Last Name:	Stear													
No Data Indicator (NODI)	--	Title:														
Code	Pollutant Name	Monitoring Location	Session #	Param. NODI	Sample Permit Req Value NODI	Qualifier 1	Value 1	Qualifier 2	Units	Qualifier 3	Value 3	Qualifier 4	Units	Frequency of Analysis	# of Ex	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample Permit Req Value NODI	=	12.12	>=	6.0 MO AV MN	>=	11.43	=	9.8	19 - mg/L	0	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req Value NODI	=	7.14	>=	6.0 MINIMUM				7.94	12 - SU	0	GR - GRAB
00500	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req Value NODI	=	5.341	<=	500.0 DAILY MX	<=	2.89	=	5.0	19 - mg/L	0	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	-	Sample Permit Req Value NODI	=	0.0	<=	Req Mon DAILY MX	<=	0.0	=	0.0	19 - mg/L	0	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	-	Sample Permit Req Value NODI	=	0.185	<=	83.0 NO AVG	<=	0.09	=	0.15	19 - mg/L	0	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample Permit Req Value NODI	=	0.412	<=	21.0 MO AVG	<=	0.2	=	1.0 MO AVG	19 - mg/L	0	CP - COMPOS
50050	Flow In conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req Value NODI	=	0.247	<=	Req Mon MO AVG	<=	1.306	=	0.0	Continuous	0	CP - COMPOS
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req Value NODI	=	2.369	<=	417.0 DAILY MX	<=	1.15	=	2.0	19 - mg/L	0	CP - COMPOS
80082	BOD carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req Value NODI	=	2.369	<=	417.0 DAILY MX	<=	1.15	=	2.0	19 - mg/L	0	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: ebungamer

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

Name: Elaine Bungamer

E-Mail: ebungamer@lesinc.com

Date/Time: 2022-01-21 14:33 (Time Zone: -06:00)

User: IONSTEAR

Name: Ion Stear

E-Mail: istear@lesinc.com

Date/Time: 2022-01-24 09:39 (Time Zone: -06:00)

Permit:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Permit #:			IL0023451			Permittee:			POPLAR GROVE, VILLAGE OF																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Major:			No			Permittee Address:			PO BOX 1 POPLAR GROVE, IL 61065																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Permitted Feature:			INF Infant Structure			Discharge:			INF-4 INFLUENT MONITORING																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Report Dates & Status										Facility:		POPLAR GROVE - NORTH WWTP, VILLAGE OF																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Monitoring Period:			From 12/01/21 to 12/31/21			DMR Due Date:			01/25/22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Considerations for Form Completion									Status:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
BOW ID: W0070150007									NotDMR Validated																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Principal Executive Officer										Telephone:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
First Name:			Ion			Title:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Last Name:			Stear																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
No Data Indicator (NODI)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Form NODI:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Code		Parameter Name		Monitoring Location		Season & Range, NODI		Qualifier 1		Quantity or Landfill		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		Qualifier 76		Qualifier 77		Qualifier 78		Qualifier 79		Qualifier 80		Qualifier 81		Qualifier 82		Qualifier 83		Qualifier 84		Qualifier 85		Qualifier 86		Qualifier 87		Qualifier 88		Qualifier 89		Qualifier 90		Qualifier 91		Qualifier 92		Qualifier 93		Qualifier 94		Qualifier 95		Qualifier 96		Qualifier 97		Qualifier 98		Qualifier 99		Qualifier 100		Qualifier 101		Qualifier 102		Qualifier 103		Qualifier 104		Qualifier 105		Qualifier 106		Qualifier 107		Qualifier 108		Qualifier 109		Qualifier 110		Qualifier 111		Qualifier 112		Qualifier 113		Qualifier 114		Qualifier 115		Qualifier 116		Qualifier 117		Qualifier 118		Qualifier 119		Qualifier 120		Qualifier 121		Qualifier 122		Qualifier 123		Qualifier 124		Qualifier 125		Qualifier 126		Qualifier 127		Qualifier 128		Qualifier 129		Qualifier 130		Qualifier 131		Qualifier 132		Qualifier 133		Qualifier 134		Qualifier 135		Qualifier 136		Qualifier 137		Qualifier 138		Qualifier 139		Qualifier 140		Qualifier 141		Qualifier 142		Qualifier 143		Qualifier 144		Qualifier 145		Qualifier 146		Qualifier 147		Qualifier 148		Qualifier 149		Qualifier 150		Qualifier 151		Qualifier 152		Qualifier 153		Qualifier 154		Qualifier 155		Qualifier 156		Qualifier 157		Qualifier 158		Qualifier 159		Qualifier 160		Qualifier 161		Qualifier 162		Qualifier 163		Qualifier 164		Qualifier 165		Qualifier 166		Qualifier 167		Qualifier 168		Qualifier 169		Qualifier 170		Qualifier 171		Qualifier 172		Qualifier 173		Qualifier 174		Qualifier 175		Qualifier 176		Qualifier 177		Qualifier 178		Qualifier 179		Qualifier 180		Qualifier 181		Qualifier 182		Qualifier 183		Qualifier 184		Qualifier 185		Qualifier 186		Qualifier 187		Qualifier 188		Qualifier 189		Qualifier 190		Qualifier 191		Qualifier 192		Qualifier 193		Qualifier 194		Qualifier 195		Qualifier 196		Qualifier 197		Qualifier 198		Qualifier 199		Qualifier 200		Qualifier 201		Qualifier 202		Qualifier 203		Qualifier 204		Qualifier 205		Qualifier 206		Qualifier 207		Qualifier 208		Qualifier 209		Qualifier 210		Qualifier 211		Qualifier 212		Qualifier 213		Qualifier 214		Qualifier 215		Qualifier 216		Qualifier 217		Qualifier 218		Qualifier 219		Qualifier 220		Qualifier 221		Qualifier 222		Qualifier 223		Qualifier 224		Qualifier 225		Qualifier 226		Qualifier 227		Qualifier 228		Qualifier 229		Qualifier 230		Qualifier 231		Qualifier 232		Qualifier 233		Qualifier 234		Qualifier 235		Qualifier 236		Qualifier 237		Qualifier 238		Qualifier 239		Qualifier 240		Qualifier 241		Qualifier 242		Qualifier 243		Qualifier 244		Qualifier 245		Qualifier 246		Qualifier 247		Qualifier 248		Qualifier 249		Qualifier 250		Qualifier 251		Qualifier 252		Qualifier 253		Qualifier 254		Qualifier 255		Qualifier 256		Qualifier 257		Qualifier 258		Qualifier 259		Qualifier 260		Qualifier 261		Qualifier 262		Qualifier 263		Qualifier 264		Qualifier 265		Qualifier 266		Qualifier 267		Qualifier 268		Qualifier 269		Qualifier 270		Qualifier 271		Qualifier 272		Qualifier 273		Qualifier 27	

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.

Also a note on

CONTRACTS

Attachments

POBI AD GROVE MILL ARSENE

100

E-Mail

Report La.

Name: _____

Date _____

DMR Copy of Record

Permit #	IL0023451	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE - NORTH WWTP VILLAGE OF
Major:	No	Permittee Address:	PO BOX 1 POPLAR GROVE, IL 61065	Facility Location:	205 EDSON RD POPLAR GROVE, IL 61065
Permitted Feature:	001 External Outfall	Discharge:	001-0 STP OUTFALL		

Report Dates & Status	From 12/01/21 to 12/31/21	QWR Due Date:	01/25/22	Status:	NetDMR Validated
-----------------------	---------------------------	---------------	----------	---------	------------------

Monitoring Period: Considerations for Form Completion
 BOW ID: W0070150007: DMR LOAD LIMITS DISPLAYED MONITORING LOCATION "1" IS FORMONTHLY AVERAGE AND DAILY MAXIMUM MONITORING LOCATION "2" IS FORWEEKLY AVERAGE

Principal Executive Officer	Ion	Title:	
First Name:	Stear		
Last Name:			
No Data Indicator (NODI)			

Parameter Name	Monitoring Location	Season #	Sample	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Frequency of Analysis	Sample Type
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	1	Sample								02DA - 2 Days Every Week	GR - GRAB
			Period Req								02DA - 2 Days Every Week	GR - GRAB
			Value NODI									
00400 pH	1 - Effluent Gross	0	Sample								02DA - 2 Days Every Week	GR - GRAB
			Period Req								02DA - 2 Days Every Week	GR - GRAB
			Value NODI									
00500 Solids, total suspended	1 - Effluent Gross	0	Sample								02DA - 2 Days Every Week	CP - COMPOS
			Period Req								02DA - 2 Days Every Week	CP - COMPOS
			Value NODI									
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	Sample								02DA - 2 Days Every Week	CP - COMPOS
			Period Req								02DA - 2 Days Every Week	CP - COMPOS
			Value NODI									
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	Sample								9999 - Continuous	
			Period Req								9999 - Continuous	
			Value NODI									
50060 Chlorine, total residual	1 - Effluent Gross	0	Sample								0130 - Monthly	GR - GRAB
			Period Req								0130 - Monthly	GR - GRAB
			Value NODI									
80082 BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	Sample								02DA - 2 Days Every Week	CP - COMPOS
			Period Req								02DA - 2 Days Every Week	CP - COMPOS
			Value NODI									

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

No errors.
 Comments

Attachments
 No attachments.

Report Last Saved By
 POPLAR GROVE, VILLAGE OF

User:
 Elaine Bumgarner

Name:
 ebumgarner@iesinc.com

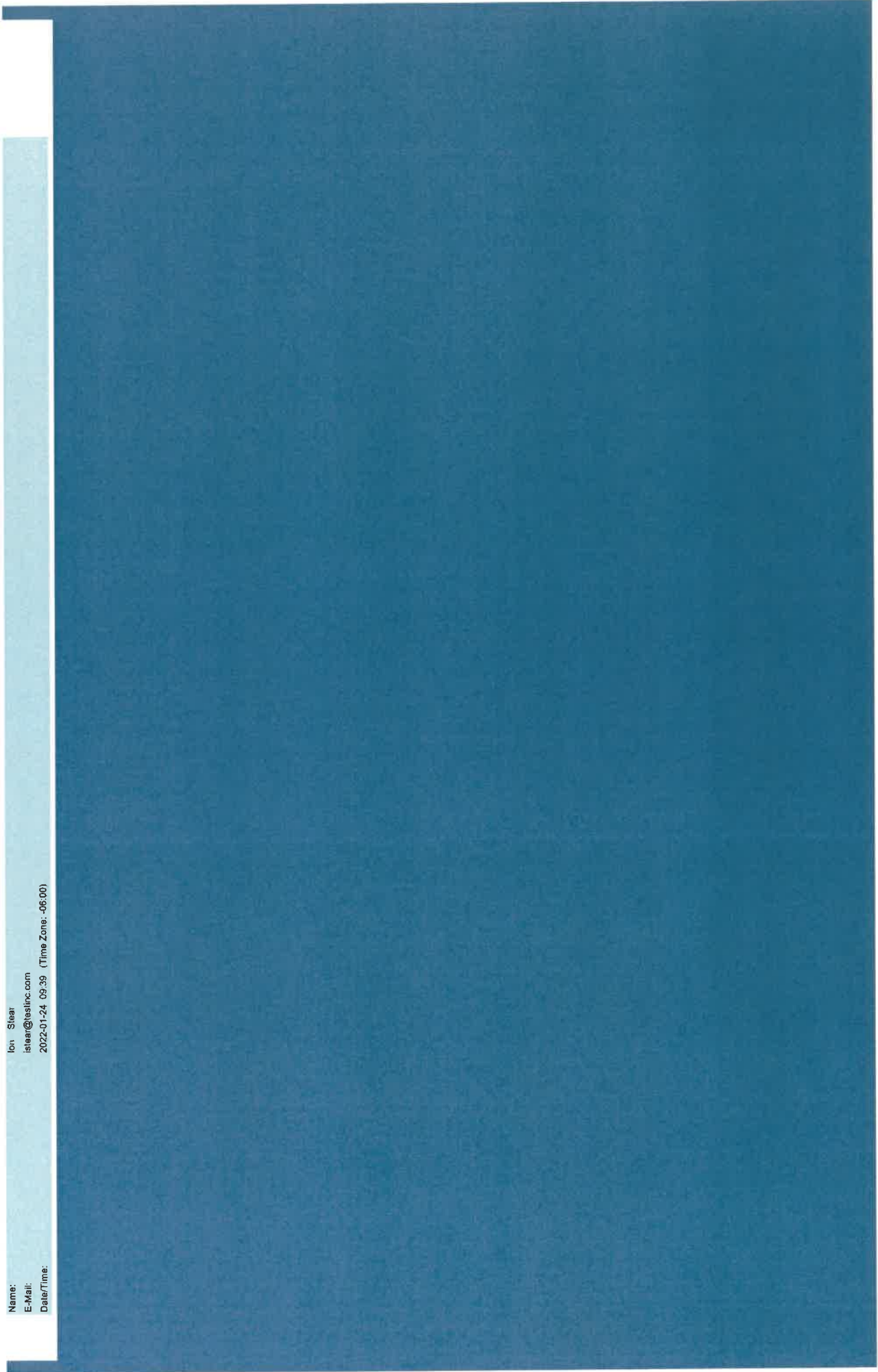
E-Mail:
 2022-01-21 14:31 (Time Zone: -06:00)

Date/Time:
 Report Last Signed By

User:
 IONSTEAR

Name:
E-Mail:
Date/Time:

Ion Stear
istear@teslinc.com
2022-01-24 09:39 (Time Zone: -06:00)



VILLAGE OF POPLAR GROVE - WEST
 FOR THE MONTH OF December 2021
 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	PO4 mg/L	Scale		lbs Used
30-Nov	07:45	337482	30	7531.08	0.6	98.00	0.5	0.97	92	1.00	1.01	389.50	0.70	JS
1-Dec	07:30	337512	42	7531.68	0.98	97.50	0.5	0.76	91	3.00	0.98	388.80	1.30	JS
2-Dec	08:50	337554	48	7532.66	1.09	97.00	1.0	1.00	88/100	0.00	0.71	387.50	0.80	JS
3-Dec	07:30	337602	42	7533.75	0.97	96.00	1.0	1.80	100	1.00	1.77	386.70	1.00	KL
4-Dec	07:30	337644	45	7534.72	1.02	95.00	1.0	1.88	99	6.00	1.55	385.70	0.70	KL
5-Dec	08:40	337689	55	7535.74	1.19	94.00	0.5	2.01	93	2.00	2.33	385.00	1.40	KL
6-Dec	07:50	337744	34	7536.93	0.83	93.50	0.5	1.00	91	1.00	1.88	383.60	0.60	KL
7-Dec	06:35	337778	47	7537.76	0.99	93.00	0.5	1.38	90	1.00	1.28	383.00	1.00	KL
8-Dec	08:00	337825	39	7538.75	0.97	92.50	0.0	1.73	89	6.00	1.82	382.00	1.20	KL
9-Dec	07:30	337864	43	7539.72	0.98	92.00	1.0	0.97	83	1.00	1.80	380.80	1.30	KL
10-Dec	07:25	337907	45	7540.7	0.51	91.50	0.5	1.04	82	0.00	1.46	379.50	1.30	KL
11-Dec	08:25	337952	48	7541.21	1.62	91.00	1.0	1.20	82	1.00	0.98	378.20	0.70	JS
12-Dec	08:25	338000	42	7542.83	1	90.00	0.0	0.68	81	5.00	1.21	377.50	1.10	JS
13-Dec	08:55	338042	36	7543.83	0.73	90.00	1.0	0.70	76/101	1.00	0.89	376.40	0.80	JS
14-Dec	08:05	338078	49	7544.56	1.08	89.00	0.0	0.64	100	1.00	0.91	375.60	1.80	JS
15-Dec	07:45	338127	32	7545.64	0.7	89.00	1.0	0.52	99	0.00	0.74	373.80	0.60	JS
16-Dec	07:50	338159	41	7546.34	1	88.00	1.0	0.70	99	1.00	1.05	373.20	0.30	KL
17-Dec	08:25	338200	41	7547.34	0.97	87.00	0.0	0.69	98	5.00	0.28	372.90	1.00	KL
18-Dec	07:20	338241	45	7548.31	1.02	87.00	1.0	1.93	93	2.00	0.59	371.90	1.00	KL
19-Dec	07:30	338286	45	7549.33	1.02	86.00	0.0	2.06	91	2.00	2.02	370.90	1.10	JS
20-Dec	07:55	338331	42	7550.35	0.94	86.00	0.0	0.55	89	3.00	1.20	369.80	1.80	JS
21-Dec	07:35	338373	49	7551.29	1.13	86.00	2.0	0.71	86	2.00	1.30	368.00	0.30	JS
22-Dec	08:12	338422	31	7552.42	0.68	84.00	0.0	0.57	84	3.00	1.34	367.70	0.80	JS
23-Dec	08:25	338453	39	7553.1	0.93	84.00	0.5	1.10	81	1.00	1.21	366.90	1.20	JS
24-Dec	07:45	338492	51	7554.03	1.15	83.50	0.5	0.49	80	3.00	1.02	365.70	1.60	JS
25-Dec	08:20	338543	49	7555.18	1.14	83.00	0.0	0.52	77	3.00	1.28	364.10	0.50	JS
26-Dec	09:05	338592	46	7556.32	1.02	83.00	1.0	0.81	74/122	2.00	2.08	363.60	1.40	JS
27-Dec	08:25	338638	68	7557.34	1.61	82.00	0.5	0.69	120	4.00	1.30	362.20	1.40	JS
28-Dec	07:55	338706	42	7558.95	0.96	81.50	0.5	0.38	116	4.00	1.22	360.80	1.30	JS
29-Dec	08:20	338748	45	7559.91	1.01	81.00	1.0	1.62	112	1.00	1.29	359.50	1.00	KL
30-Dec	08:15	338793	43	7560.92	1	80.00	0.0	1.30	111	2.00	1.19	358.50	1.30	KL
31-Dec	07:30	338836	65	7561.92	1.49	80.00	1.0	1.99	109	6.00	1.00	357.20	1.90	KL
1-Jan	07:20	338901		7563.41		79.00		0.58	103		2.69	355.30		KL
TOT			1354					34.97			43.38			
AVE			44					1.06			1.31			
MAX			68					2.06			2.69			
MIN			30					0.38			0.28			

SIGNATURE:  Jon Stear

PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF December 2021
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070300
MONTHLY OPERATING REPORT

		Flow Meter		Hour Meter Well 5		Hour Meter Well 6		Chlorine Feed			Phosphate Feed		Flouride Feed		Operator Initials	
Date	Time	Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale		lbs Used
30-Nov	09:08	543480	57	3462.7	1.1	4750.30	0	141.00	0.0	0.79	87	2.00	0.74	390.60	1.00	JS
1-Dec	08:35	543537	61	3463.8	0.8	4750.30	0	141.00	1.0	1.20	85	1.00	0.68	389.60	1.40	JS
2-Dec	07:20	543598	77	3464.6	1.2	4750.30	0	140.00	1.0	1.35	84	4.00	0.66	388.20	2.00	JS
3-Dec	08:30	543675	52	3465.8	0.8	4750.30	0	139.00	1.0	1.19	80	1.00	0.73	386.20	1.00	KL
4-Dec	07:50	543727	71	3466.6	1.2	4750.30	0	138.00	2.0	1.11	79	6.00	0.62	385.20	2.20	KL
5-Dec	09:00	543798	73	3467.8	1.1	4750.30	0	136.00	1.0	1.40	73	1.00	0.54	383.00	1.40	KL
6-Dec	08:30	543871	70	3468.9	1.1	4750.30	0	135.00	1.0	0.97	72	2.00	0.76	381.60	2.00	KL
7-Dec	07:15	543941	62	3470	1.8	4750.30	0	134.00	2.0	1.14	70	2.00	0.92	379.60	2.80	KL
8-Dec	07:15	544003	70	3471.8	1.1	4750.30	0	132.00	1.0	1.06	68	6.00	1.16	376.80	2.20	KL
9-Dec	08:25	544073	71	3472.9	1.1	4750.30	0	131.00	2.0	1.09	62	1.00	0.95	374.60	1.20	KL
10-Dec	08:20	544144	53	3474	0.8	4750.30	0	129.00	0.0	0.98	61	0.00	0.93	373.40	1.20	KL
11-Dec	08:50	544197	78	3474.8	1.3	4750.30	0	129.00	2.0	1.05	61	4.00	0.94	372.20	2.40	JS
12-Dec	09:20	544275	73	3476.1	1.4	4750.30	0	127.00	1.0	1.06	57/100	1.00	0.73	369.80	2.00	JS
13-Dec	08:50	544348	73	3477.5	0.9	4750.30	0	126.00	1.0	1.36	99	3.00	0.65	367.80	1.80	JS
14-Dec	08:15	544421	60	3478.4	1.1	4750.30	0	125.00	1.0	1.25	96	1.00	0.90	366.00	1.40	JS
15-Dec	08:00	544481	61	3479.5	0.8	4750.30	0	124.00	1.0	1.27	95	1.00	0.74	364.60	1.20	JS
16-Dec	07:30	544542	53	3480.3	0.8	4750.30	0	123.00	1.0	0.95	94	3.00	0.80	363.40	1.00	JH
17-Dec	07:20	544595	60	3481.1	1	4750.30	0	122.00	2.0	0.82	91	2.00	0.95	362.40	1.60	JS
18-Dec	07:40	544655	71	3482.1	1.1	4750.30	0	120.00	0.0	0.66	89	7.00	0.75	360.80	2.20	KL
19-Dec	07:40	544726	90	3483.2	1.5	4750.30	0	120.00	1.0	0.81	82	0.00	0.73	358.60	1.80	KL
20-Dec	08:45	544816	54	3484.7	0.8	4750.30	0	119.00	1.5	0.95	82	1.00	0.83	356.80	1.00	JS
21-Dec	08:30	544870	77	3485.5	1.3	4750.30	0	117.50	1.5	1.03	81	3.00	0.80	355.80	1.20	JS
22-Dec	07:20	544947	63	3486.8	0.9	4750.30	0	116.00	1.0	0.86	78	3.00	0.83	354.60	1.60	JS
23-Dec	07:15	545010	63	3487.7	1	4750.30	0	115.00	1.0	0.98	75/121	2.00	0.78	353.00	1.00	JS
24-Dec	07:15	545073	116	3488.7	1.6	4750.30	0	114.00	1.0	1.01	119	4.00	0.82	352.00	1.40	JS
25-Dec	08:50	545189	53	3490.3	1.1	4750.30	0	113.00	1.0	10.20	115	2.00	0.95	350.60	1.60	JS
26-Dec	09:40	545242	69	3491.4	1.1	4750.30	0	112.00	2.0	1.01	113	3.00	0.87	349.00	1.20	JS
27-Dec	09:15	545311	65	3492.5	1	4750.30	0	110.00	1.0	1.12	110	2.00	1.04	347.80	1.20	JS
28-Dec	09:00	545376	66	3493.5	1.1	4750.30	0	109.00	1.0	1.02	108	5.00	0.83	346.60	0.80	JS
29-Dec	09:00	545442	70	3494.6	1.1	4750.30	0	108.00	1.0	0.82	103	2.00	1.01	345.80	1.20	KL
30-Dec	09:40	545512	71	3495.7	1.1	4750.30	0	107.00	2.0	0.65	101	1.00	1.00	344.60	1.40	KL
31-Dec	08:20	545583	58	3496.8	0.9	4750.30	0	105.00	1.0	0.77	100	1.00	1.10	343.20	0.60	KL
1-Jan	07:40	545641		3497.7		4750.30		104.00		1.04	99		0.92	342.60		KL
TOT		2103				0				42.97						27.66
AVE		68				0				1.30						0.84
MAX		116				0				10.20						1.16
MIN		52				0				0.65						0.54

SIGNATURE:  Jon Steier

PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF December 2021
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070150
MONTHLY OPERATING REPORT

		Flow Meter			Hour Meter Well 2		Hour Meter Well 3		Chlorine Feed		Phosphate Feed		Flouride Feed		Operator	
Date	Time	Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
30-Nov	07:32	302307217.5	133943.6	10062.1	0	26268.50	6.60	123.00	1.0	0.57	68	5.00	0.73	33.00	1.0	JS
1-Dec	07:10	302441161.1	125371.4	10062.1	0	26275.10	6.10	122.00	2.0	0.71	63	5.00	0.88	32.00	1.0	JS
2-Dec	09:20	302566532.5	158692.6	10062.1	0	26281.20	7.70	120.00	0.5	0.66	51/100	1.00	0.64	31.0/50	1.0	JS
3-Dec	07:10	302725225.1	106594.8	10062.1	0	26288.90	5.40	119.50	1.5	0.78	99	2.00	0.73	49.00	0.5	KL
4-Dec	07:20	302831819.9	135615.2	10062.1	0	26294.30	6.60	118.00	1.0	0.71	97	7.00	0.75	48.50	1.5	KL
5-Dec	07:30	302967435.1	132785.1	10062.1	0	26300.90	6.60	117.00	2.0	0.75	90	3.00	1.10	47.00	1.0	KL
6-Dec	07:30	303100220.2	117086.9	10062.1	0	26307.50	5.90	115.00	1.0	0.74	87	7.00	1.03	46.00	0.5	KL
7-Dec	08:15	303217307.1	136655.4	10062.1	0	26313.40	6.50	114.00	1.0	0.89	80	2.00	0.77	45.50	0.5	KL
8-Dec	08:20	303353962.5	110142.3	10062.1	0	26319.90	5.40	113.00	0.0	0.67	78	6.00	0.87	45.00	1.0	KL
9-Dec	07:00	303464104.8	150395.5	10062.1	0	26325.30	7.40	113.00	1.0	0.61	72	4.00	1.11	44.00	1.0	KL
10-Dec	07:10	303614500.3	98732.3	10062.1	0	26332.70	4.90	112.00	1.0	0.63	68	4.00	0.95	43.00	0.8	KL
11-Dec	08:05	303713232.6	161106.3	10062.1	0	26337.60	7.90	111.00	1.0	0.51	64	6.00	0.72	42.25	1.0	JS
12-Dec	08:40	303874338.9	110552.6	10062.1	0	26345.50	5.40	110.00	1.0	0.70	58	2.00	0.78	41.25	1.0	JS
13-Dec	07:30	303984891.5	149911.3	10062.1	0	26350.90	7.30	109.00	1.0	0.48	56/100	3.00	0.96	40.25	0.3	JS
14-Dec	07:20	304134802.8	98802.7	10062.1	0	26358.20	4.90	108.00	1.0	0.80	97	3.00	0.60	40.00	1.0	JS
15-Dec	07:20	304233605.5	106759.2	10062.1	0	26363.10	5.50	107.00	1.0	0.72	94	5.00	0.76	39.00	1.0	JS
16-Dec	08:40	304340364.7	148258	10062.1	0	26368.60	7.00	106.00	1.0	0.71	89	5.00	0.94	38.00	0.0	KL
17-Dec	08:15	304488622.7	121566.6	10062.1	0	26375.60	5.90	105.00	2.0	0.59	84	4.00	0.78	38.00	0.0	JS
18-Dec	07:10	304610189.3	126486.5	10062.1	0	26381.50	6.30	103.00	1.0	0.88	80	7.00	0.81	38.00	1.0	KL
19-Dec	07:00	304736675.8	136601.2	10062.1	0	26387.80	6.70	102.00	0.0	0.89	73	3.00	0.99	37.00	0.0	KL
20-Dec	07:25	304873277	122481.4	10062.1	0	26394.50	6.00	102.00	2.0	0.77	70	5.00	0.75	37.00	0.0	JS
21-Dec	07:15	304995758.4	152889.4	10062.1	0	26400.50	7.50	100.00	1.0	0.82	65	6.00	1.20	37.00	0.5	JS
22-Dec	08:45	305148647.8	123863.8	10062.1	0	26408.00	6.20	99.00	2.0	0.81	59	5.00	0.76	36.50	0.5	JS
23-Dec	08:55	305272511.6	115845.5	10062.1	0	26414.20	5.60	97.00	0.0	0.83	54/100	3.00	0.50	36.00	0.0	JS
24-Dec	08:00	305388357.1	128861.5	10062.1	0	26419.80	6.40	97.00	2.0	0.84	97	5.00	1.68	36.00	0.0	JS
25-Dec	08:00	305517218.6	123395.8	10062.1	0	26426.20	6.10	95.00	0.0	0.81	92	5.00	0.56	36.00	1.0	JS
26-Dec	08:15	305640614.4	132207.6	10062.1	0	26432.30	6.50	95.00	1.0	0.84	87	4.00	1.04	35.00	1.0	JS
27-Dec	07:35	305772822	125416.1	10062.1	0	26438.80	6.20	94.00	1.5	0.79	83	6.00	0.85	34.00	1.0	JS
28-Dec	07:35	305898238.1	132680.1	10062.1	0	26445.00	6.40	92.50	1.5	0.64	77	6.00	0.70	33.00	2.0	JS
29-Dec	07:35	306030918.2	132063.3	10062.1	0	26451.40	6.60	91.00	2.0	0.89	71	2.00	0.78	31.00	2.0	KL
30-Dec	08:00	306162981.5	107134.4	10062.1	0	26458.00	5.40	89.00	1.0	0.73	69	2.00	0.94	29.00	1.0	KL
31-Dec	07:10	306270115.9	143803.4	10062.1	0	26463.40	7.00	88.00	1.0	0.72	62/100	7.00	0.97	28.00	1.0	KL
1-Jan	07:10	306413919.3		10062.1		26470.4		87.0		0.8	93		1	27.00		KL
TOT			3962898				195			24.25			28.47			
AVE			127835				6			0.73			0.86			
MAX			161106				8			0.89			1.68			
MIN			98732.3				5			0.48			0.50			

SIGNATURE:  Tom Stear

PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE
FOR THE MONTH OF December 2021
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	1.0 mg/L 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	Tower	0.78		0.88	Tower	0.51		1.14	Tower	0.68		0.76	JS			1.20	0.83	0.94
2	Village	0.09		1.37	Garage	0.53		1.42	Tower	0.67		0.85	JS			1.70	0.79	0.95
3	Tower	0.78		0.73	Tower	0.62		0.88	Tower	0.69		0.82	KL			2.10	1.30	0.85
4																1.80	1.50	0.93
5																2.40	1.40	0.84
6	Elm	0.39		1.09	Gas Station	0.28		0.77	Tower	0.76		1	KL			1.80	0.68	0.75
7	Tower	0.89		0.77	Tower	1.38		1.28	Tower	1.28		1.01	KL			1.40	1.50	0.82
8	Village	0.15		1.69	Garage	0.3		0.66	Tower	0.77		0.87	KL			1.40	0.99	0.83
9	Tower	0.61		1.11	Tower	0.97		1.8	Tower	0.79		1.08	KL			0.99	1.30	0.88
10	Tower	0.63		0.95	Tower	1.04		1.46	Tower	0.85		1.11	KL			1.70	0.83	0.70
11																0.88	0.90	0.71
12																1.20	0.94	0.87
13	Elm	0.3		1.17	Gas Station	0.21		0.9	Tower	0.57		0.85	JS			1.40	0.97	0.97
14	Tower	0.8		0.6	Tower	0.63		1	Tower	0.83		0.84	JS			2.00	0.94	0.93
15	Tower	0.72		0.76	Tower	0.51		1.21	Tower	0.73		1.31	JS			1.40	0.79	0.95
16	Tower	0.71		0.94	Tower	0.7		1.05	Tower	0.95		0.8	JH			1.02	0.84	0.86
17	Village	0.12		1.15	Garage	0.24		0.95	Tower	0.77		1.38	JS			0.64	0.79	1.15
18																1.19	1.70	1.00
19																0.61	1.90	1.14
20	Elm	0.38		1.1	Gas Station	0.28		0.91	Tower	0.82		0.75	JS			1.09	0.90	1.12
21	Tower	0.82		1.2	Tower	0.63		1.29	Tower	0.72		0.49	JS			0.67	0.50	0.59
22	Village	0.05		1.37	Garage	0.39		1.22	Tower	0.71		1.01	JS			0.57	0.60	0.65
23	Tower	0.83		0.5	Tower	0.85		1.19	Tower	0.85		1.19	JS			0.18	0.66	0.54
24																0.53	0.51	0.37
25																0.44	0.56	0.62
26																0.47	0.95	0.22
27	Tower	0.79		0.85	Gas Station	0.17		1.13	Tower	0.73		1.01	JS			1.70	0.64	0.66
28	Elm	0.4		1.23	Tower	0.41		1.24	Tower	0.71		0.61	JS			1.80	0.77	0.70
29	Tower	0.89		0.78	Tower	1.62		1.29	Tower	0.64		0.73	KL			1.10	0.96	0.66
30	Tower	0.73		0.94	Tower	1.3		1.19	Tower	0.57		0.62	KL			1.70	0.70	0.68
31	Tower	0.72		0.97	Tower	1.99		1	Tower	0.61		0.93	KL			1.60	1.80	0.69

Signature:  Ion Stear
 PHONE: 815-224-1650