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

December 1, 2021

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 September 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:

- All precautions have been made for winter and everything is working.

North WWTP:

- All standard monthly checks/Maintenance/cleaning and producers were completed
- We made new covers for the decanters and installed them.
- Decanted digesters.
- Changed oil in all blowers that needed it.
- Because of the screen being down, we are manually raking the bar screen.
- Did a major clean at the north plant.

South WWTP:

- All standard monthly checks/Maintenance/cleaning and producers were completed
- We have started to order and receive parts and supplies for SBR3.
- We worked with public works and got all of the sludge spread that was at the south plant. All the EPA forms and letters have been sent.
- All heat trace and cold weather precautions have been taken.
- Decanted digesters.
- Changed oil.

Water System:

- We double checked the temperature alarms to prevent freezing.
- Cleaned well houses.
- Changed injector at both Well 3 and 5.
- Set tower levels to winter settings to try and avoid ice in the towers.

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

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:	INF Influent Structure	Discharge:	**INF-L** INFLUENT MONITORING		

Report Dates & Status

Monitoring Period:	**From 10/01/21 to 10/31/21**	DMR Due Date:	**11/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150007

Principal Executive Officer

First Name:	Ion	Title:		Telephone:	815-224-1250
Last Name:	Stear				

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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						=	150.0					19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.							Req Mon MO AVG					19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00530	**Solids, total suspended**	G - Raw Sewage Influent	0	--	Sample						=	219.0					19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.							Req Mon MO AVG					19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	G - Raw Sewage Influent	0	--	Sample	=	0.0198	=	0.113	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					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.

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@testinc.com
Date/Time:	2021-11-22 15:34 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-11-29 09:10 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Monitoring Period:	From 10/01/21 to 10/31/21	DMR Due Date:	11/25/21	Status:	NetDMR Validated

Considerations for Form Completion

BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED.MONITORING LOCATION "1" IS FORMONTHLY AVERAGE AND DAILY MAXIMUM.MONITORING LOCATION "8" IS FORWEEKLY AVERAGE.

Principal Executive Officer

First Name:	Ion	Title:		Telephone:	815-224-1650
Last Name:	Stear				

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Quantity or Loading Value 1	Quantity or Loading Qualifier 2	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Qualifier 1	Quality or Concentration Value 1	Quality or Concentration Qualifier 2	Quality or Concentration Value 2	Quality or Concentration Qualifier 3	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	--	Sample						=	7.2	=	6.65	=	6.31	19 - mg/L		02/DA - 2 Days Every Week	GR - GRAB
					Permit Req						>=	6.0 MO AV MN	>=	4.5 MN WK AV	>=	4.0 DAILY MN	19 - mg/L	0	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.94			=	7.25	12 - SU		02/DA - 2 Days Every Week	GR - GRAB
					Permit Req						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	9.7	=	24.0	26 - lb/d			=	5.625	=	14.0	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req	<=	125.0 MO AVG	<=	250.0 DAILY MX	26 - lb/d			<=	12.0 MO AVG	<=	24.0 DAILY MX	19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	3.9	=	21.1	26 - lb/d			=	2.28	=	12.2	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req	<=	16.0 MO AVG	<=	31.0 DAILY MX	26 - lb/d			<=	1.5 MO AVG	<=	3.0 DAILY MX	19 - mg/L	2	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.207	=	0.275	03 - MGD									99/99 - Continuous	
					Permit Req		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample										=	0.0	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req										<=	0.05 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample										=	620.0	13 - #/100mL		01/30 - Monthly	GR - GRAB
					Permit Req											Req Mon DAILY MX	13 - #/100mL	0	01/30 - Monthly	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	6.26	=	19.0	26 - lb/d			=	3.625	=	11.0	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req	<=	104.0 MO AVG	<=	209.0 DAILY MX	26 - lb/d			<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	0	02/DA - 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.

Edit Check Errors

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
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
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

We had an issue with a tank valve which allowed sludge to get in the EQ tank then effluent. We have since fixed valve and are back well with in permit.

Attachments

No attachments

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-11-29 09:08 (Time Zone: -06:00)
Report Last Signed By	
User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-11-29 09:10 (Time Zone: -06:00)

DMR Copy of Record

Permit

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 76 POPLAR GROVE, IL 61065
Permitted Feature:	INF Influent Structure	Discharge:	INF-L INFLUENT MONITORING		

Report Dates & Status

Monitoring Period:	**From 10/01/21 to 10/31/21**	DMR Due Date:	**11/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006

Principal Executive Officer

First Name:	Ion	Title:		Telephone:	815-224-1650
Last Name:	Stear				

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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						=	181.0					19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.							Req Mon MO AVG					19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00530	**Solids, total suspended**	G - Raw Sewage Influent	0	--	Sample						=	146.0					19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.							Req Mon MO AVG					19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Sample						=	5.4	=	10.8			19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX			19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	G - Raw Sewage Influent	0	--	Sample	=	0.109	=	0.143	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					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.

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@testinc.com
Date/Time:	2021-11-22 15:36 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-11-29 09:10 (Time Zone: -06:00)

DMR Copy of Record

Permit

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 76 POPLAR GROVE, IL 61065
Permitted Feature:	001 External Outfall	Discharge:	001-0 STP OUTFALL		

Report Dates & Status

Monitoring Period:	From 10/01/21 to 10/31/21	DMR Due Date:	11/25/21	Status:	NetDMR Validated

Considerations for Form Completion

BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:	Ion	Title:		Telephone:	815-224-1650
Last Name:	Stear				

No Data Indicator (NODI)

Form NODI: --

	Parameter					Quantity or Loading					Quality or Concentration						# of Ex	Frequency of Analysis	Sample Type
	Code	Name	Monitoring Location	Season #	Param NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
	00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	--	Sample						=	9.11	=	8.66	=	8.29	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
						Permit Req.						>=	6.0 MO AV MN	>=	4.5 MN WK AV	>=	4.0 DAILY MN	19 - mg/L	0	03/DW - 3 Days Every Week	GR - GRAB
						Value NODI															
	00400	pH	1 - Effluent Gross	0	--	Sample						=	6.55			=	6.87	12 - SU		03/DW - 3 Days Every Week	GR - GRAB
						Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	03/DW - 3 Days Every Week	GR - GRAB
						Value NODI															
X	00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	24.7	=	238.0	26 - lb/d			=	14.5	=	140.0	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
						Permit Req.	<=	250.0 MO AVG	<=	500.0 DAILY MX	26 - lb/d			<=	12.0 MO AVG	<=	24.0 DAILY MX	19 - mg/L	2	03/DW - 3 Days Every Week	CP - COMPOS
						Value NODI															
	00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	33.7	=	33.7	19 - mg/L		01/30 - Monthly	CP - COMPOS
						Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
						Value NODI															
	00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	0.19	=	0.236	26 - lb/d			=	0.112	=	0.139	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
						Permit Req.	<=	31.0 MO AVG	<=	98.0 DAILY MX	26 - lb/d			<=	1.5 MO AVG	<=	4.7 DAILY MX	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
						Value NODI															
	00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	0	--	Sample			=	0.198	26 - lb/d					=	0.1162	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
						Permit Req.			<=	79.0 WKLY AVG	26 - lb/d					<=	3.8 WKLY AVG	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
						Value NODI															
	00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	0.34			26 - lb/d			=	0.2			19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
						Permit Req.	<=	21.0 MO AVG			26 - lb/d			<=	1.0 MO AVG			19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
						Value NODI															
	50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.204	=	0.318	03 - MGD									99/99 - Continuous	
						Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
						Value NODI															
	50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample										=	0.0	19 - mg/L		CL/OC - Chlorination/Occurances	GR - GRAB
						Permit Req.										<=	0.05 DAILY MX	19 - mg/L	0	CL/OC - Chlorination/Occurances	GR - GRAB
						Value NODI															
						Sample										<	10.0	13 - #/100mL		03/DW - 3 Days Every Week	GR - GRAB

74055	**Coliform, fecal general**	1 - Effluent Gross	0	--	Permit Req							<=	400.0 DAILY MX	13 - #/100mL	0	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI												
					Sample	=	2.38	=	3.4	26 - lb/d	=	1.4	=	2.0	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
80082	**BOD, carbonaceous [5 day, 20 C]**	1 - Effluent Gross	0	--	Permit Req	<=	209.0 MO AVG	<=	417.0 DAILY MX	26 - lb/d	<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	0	03/DW - 3 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.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00530	Solids, total suspended	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
00530	Solids, total suspended	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

We had some pin floc from the EQ tank make its way to the effluent and resulted in a high TSS reading. It was just over limit.

Attachments

No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-11-29 09:10 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-11-29 09:10 (Time Zone: -06:00)

VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF OCTOBER 2021 **MONTHLY OPERATING REPORT**
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

		Flow Meter		Hour Meter Well 4		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
Date	Time	Reading	Pumpage	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
30-Sep	08:50	334642	50	7461.2	6.14	83.00	1.0	0.93	80	0.00	0.77	373.40	2.10	JS
1	08:45	334692	44	7467.34	1.01	82.00	1.0	0.93	80	2.00	0.83	371.30	1.20	JS
2	08:15	334736	46	7468.35	1.09	81.00	0.0	1.03	78	2.00	1.28	370.10	1.90	JS
3	08:20	334782	52	7469.44	1.14	81.00	1.0	1.11	76	2.00	1.00	368.20	1.50	JS
4	08:40	334834	39	7470.58	0.88	80.00	1.0	0.71	74/100	1.00	1.12	366.70	1.30	JS
5	08:35	334873	60	7471.46	1.39	79.00	1.0	0.69	99	4.00	1.08	365.40	1.90	JS
6	09:00	334933	26	7472.85	0.5	78.00	0.0	349.00	95	1.00	1.14	363.50	0.90	JS
7	08:35	334959	46	7473.35	1.12	78.00	1.0	0.63	94	3.00	1.06	362.60	1.60	JS
8	08:45	335005	46	7474.47	1.08	77.00	0.0	0.62	91	2.00	1.08	361.00	1.40	JS
9	07:50	335051	43	7475.55	0.97	76.00	1.0	2.12	89	5.00	1.43	359.60	1.50	KL
10	08:00	335094	44	7476.52	0.99	76.00	1.0	1.33	84	1.00	2.34	358.10	0.40	KL
11	08:12	335138	45	7477.51	1.09	75.00	0.0	0.55	83	1.00	1.12	357.70	2.60	JS
12	08:15	335183	52	7478.6	1.13	75.00	1.0	0.44	82	0.00	0.67	355.10	1.20	JS
13	08:12	335235	41	7479.73	0.94	74.00	0.0	0.69	82	1.00	0.66	353.90	1.70	JS
14	08:30	335276	22	7480.67	0.5	74.00	1.0	0.60	81	0.00	0.80	352.20	0.20	JS
15	08:25	335298	49	7481.17	1.07	73.00	0.5	0.81	81	2.00	0.74	352.00	1.30	JS
16	08:40	335347	46	7482.24	1.07	72.50	0.5	0.60	79	1.00	0.84	350.70	1.20	JS
17	08:10	335393	50	7483.31	1.13	72.00	1.0	0.64	78	3.00	0.90	349.50	1.40	JS
18	08:00	335443	54	7484.44	1.12	71.00	1.0	0.80	75	2.00	0.51	348.10	1.50	JS
19	08:25	335497	42	7485.56	1.08	70.00	1.0	0.68	73	2.00	0.82	346.60	1.10	JS
20	08:00	335539	42	7486.64	1.11	69.00	0.5	0.89	71	1.00	0.71	345.50	1.40	JS
21	07:55	335581	28	7487.75	0.51	69/120	2.0	0.78	70	1.00	1.02	344.2/434.3	0.40	JS
22	07:35	335609	64	7488.26	1.05	118.00	0.5	1.16	69	1.00	0.86	433.90	1.60	KL
23	08:20	335673	44	7489.31	1.01	117.50	0.3	1.99	68	5.00	1.62	432.30	1.10	KL
24	08:40	335717	45	7490.32	1.41	117.00	0.0	1.98	63	1.00	1.26	431.20	1.60	KL
25	08:30	335762	51	7491.73	1.14	117.00	-2.0	0.49	62	1.00	0.88	429.60	1.10	JS
26	07:45	335813	50	7492.87	1.18	119.00	0.0	0.24	61	1.00	0.68	428.50	1.20	JS
27	08:20	335863	79	7494.05	1.85	119.00	0.0	0.55	60/100	5.00	0.69	427.30	2.10	JS
28	08:00	335942	56	7495.9	1.23	119.00	0.0	1.17	95	1.00	0.99	425.20	1.60	JS
29	08:05	335998	44	7497.13	1	119.00	1.0	2.00	94	0.00	2.00	423.60	1.00	JS
30	08:10	336042	50	7498.13	1.13	118.00	1.0	0.65	94	1.00	0.56	422.60	1.10	JS
31	09:35	336092		7499.26		117.00		0.10	93		0.61	421.50	421.50	JS
TOT			1450					376.91			32.07			
AVE			47					11.78			1.00			
MAX			79					349.00			2.34			
MIN			22					0.10			0.51			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF OCTOBER 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
Date	Time	Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
30-Aug	10:10	538964	116	3391.7	1.8	4751.30	0	112.00	1.0	0.85	72	8.00	1.19	334.40	3.60	JS
1	09:50	539080	102	3393.5	1.6	4751.30	0	111.00	1.0	0.87	64/90	6.00	1.29	330.80	3.00	JS
2	08:40	539182	102	3395.1	1.6	4751.30	0	110.00	1.0	0.62	84	5.00	1.16	327.80	3.00	JS
3	08:55	539284	146	3396.7	2.3	4751.30	0	109.00	2.0	0.43	79	8.00	0.91	324.80	4.40	JS
4	09:30	539430	46	3399	0.7	4751.30	0	107.00	0.0	0.66	71	3.00	1.15	320.40	1.40	JS
5	09:50	539476	101	3399.7	1.6	4751.30	0	107.00	1.0	0.52	68	5.00	1.02	319.00	3.00	JS
6	09:50	539577	55	3401.3	0.9	4751.30	0	106.00	0.0	0.18	63/70	4.00	1.25	316.00	1.80	JS
7	09:45	539632	100	3402.2	1.5	4751.30	0	106.00	2.0	0.71	66	3.00	0.96	314.20	2.80	JS
8	09:50	539732	46	3403.7	0.7	4751.30	0	104.00	1.0	0.90	63	3.00	0.98	311.40	1.60	JS
9	08:20	539778	51	3404.4	0.9	4751.30	0	103.00	1.0	0.39	60	1.00	1.18	309.80	1.60	KL
10	08:30	539829	94	3405.3	1.4	4751.30	0	102.00	0.0	0.37	59	5.00	1.13	308.20	2.80	KL
11	07:20	539923	55	3406.7	0.9	4751.30	0	102.00	0.0	0.40	54	3.00	0.83	305.40	1.60	JS
12	07:25	539978	29	3407.6	1.6	4751.30	0	102.00	1.0	0.86	51	6.00	1.14	303.80	3.20	JS
13	07:20	540007	128	3409.2	0.9	4751.30	0	101.00	1.0	0.81	45	3.00	0.53	300.60	1.60	JS
14	07:35	540135	103	3410.1	1.6	4751.30	0	100.00	1.5	0.86	42/152	7.00	1.01	299.00	3.40	JS
15	09:30	540238	53	3411.7	0.8	4751.30	0	98.50	0.5	0.89	145	4.00	1.19	295.60	1.80	JS
16	08:10	540291	53	3412.5	0.8	4751.30	0	98.00	1.0	0.64	141	2.00	1.20	293.80	1.40	JS
17	08:40	540344	99	3413.3	1.6	4751.30	0	97.00	1.0	1.07	139	1.00	1.01	292.40	2.20	JS
18	07:00	540443	58	3414.9	0.9	4751.30	0	96.00	0.0	0.92	138	1.00	0.92	290.20	1.80	JS
19	07:35	540501	106	3415.8	1.7	4751.30	0	96.00	1.0	0.80	137	1.00	1.04	288.40	2.40	JS
20	07:10	540607	53	3417.5	0.7	4751.30	0	95.00	1.0	0.85	136	1.00	1.04	286.00	1.20	JS
21	09:05	540660	78	3418.2	1.3	4751.30	0	94/160	2.0	1.35	135	1.00	1.16	284.4/461.0	2.20	JS
22	09:00	540738	63	3419.5	1	4751.30	0	158.00	1.0	1.12	134	2.00	0.95	459.20	1.80	KL
23	09:00	540801	46	3420.5	0.7	4751.30	0	157.00	0.0	0.85	132	2.00	0.83	457.40	1.20	KL
24	08:15	540847	94	3421.2	1.5	4751.30	0	157.00	2.0	0.95	130	3.00	1.80	456.20	2.00	KL
25	09:20	540941	57	3422.7	0.9	4751.30	0	155.00	0.0	1.09	127	2.00	0.85	454.20	1.40	JS
26	08:50	540998	54	3423.6	0.9	4751.30	0	155.00	0.0	1.09	125	1.00	0.83	452.80	1.40	JS
27	07:20	541052	102	3424.5	1.6	4751.30	0	155.00	3.0	0.96	124	4.00	0.97	451.40	2.59	JS
28	09:15	541154	52	3426.1	0.8	4751.30	0	152.00	0.0	0.79	120	2.00	0.86	448.81	1.21	JS
29	09:15	541206	54	3426.9	0.8	4751.30	0	152.00	0.0	0.89	118	2.00	0.81	447.60	1.40	JS
30	08:35	541260	88	3427.7	1.3	4751.30	0	152.00	0.0	0.93	116	4.00	0.82	446.20	2.20	JS
31	10:10	541348	-541348	3429	-3429	4751.30	-4751.3	152.00	152.0	1.00	112	112.00	2.00	444.00	444.00	JS
1			0		0		0		0.0			0.00			0.00	
TOT			2384				0			25.62			34.01			
AVE			77				0			0.80			1.06			
MAX			146				0			1.35			2.00			
MIN			29				0			0.18			0.53			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH
FOR THE MON TH OF OCTOBER 2021
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

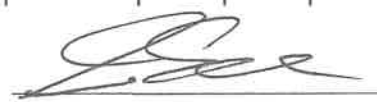
IL0070150
MONTHLY OPERATING REPORT

		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-Sep	08:20	284432747.8	10176321.3	10062.1	0	25884.30	8.50	101.00	3.0	1.80	81	7.00	0.92	25.00	0.5	JS
1	08:17	294609069.1	201050.9	10062.1	0	25892.80	9.80	98.00	2.0	0.60	74	10.00	0.96	24.50	0.8	JS
2	07:55	294810120	128925.1	10062.1	0	25902.60	6.10	96.00	2.0	0.96	64	4.00	1.17	23.75	0.5	JS
3	08:00	294939045.1	153625.8	10062.1	0	25908.70	7.70	94.00	1.0	0.86	60/100	6.00	1.45	23.25	0.3	JS
4	07:55	295092670.9	132668.4	10062.1	0	25916.40	6.40	93.00	2.0	1.81	94	5.00	0.67	23.00	0.5	JS
5	08:15	295225339.3	136304.6	10062.1	0	25922.80	6.70	91.00	0.0	0.46	89	6.00	0.65	22.50	0.5	JS
6	08:20	295361643.9	105342.1	10062.1	0	25929.50	5.10	91.00	2.0	0.52	83	4.00	1.08	22.00	0.0	JS
7	08:15	295466986	141701.2	10062.1	0	25934.60	6.90	89.00	1.0	1.63	79	5.00	0.98	22.00	0.8	JS
8	08:20	295608687.2	103455.5	10062.1	0	25941.50	5.00	88.00	1.0	0.51	74	4.00	0.82	21.25	0.3	JS
9	07:40	295712142.7	106820.2	10062.1	0	25946.50	5.20	87.00	1.0	0.40	70	6.00	1.23	21.00	0.5	KL
10	07:45	295818962.9	157334.4	10062.1	0	25951.70	7.70	86.00	0.0	0.92	64	6.00	0.88	20.50	0.5	KL
11	08:50	295976297.3	160122	10062.1	0	25959.40	7.70	86.00	1.0	0.20	58/100	6.00	1.35	20.00	0.3	JS
12	08:50	296136419.3	101343.4	10062.1	0	25967.10	5.10	85.00	1.0	0.67	94	2.00	1.06	19.75	0.8	JS
13	08:40	296237762.7	145443.2	10062.1	0	25972.20	7.00	84.00	2.0	0.69	92	7.00	0.62	19.00	0.3	JS
14	08:55	296383205.9	118618.2	10062.1	0	25979.20	5.80	82.00	1.0	0.53	85	6.00	0.54	18.75	0.8	JS
15	08:00	296501824.1	94033.5	10062.1	0	25985.00	4.50	81.00	1.0	0.43	79	5.00	0.56	18.00	0.0	JS
16	08:55	296595857.6	153394.5	10062.1	0	25989.50	7.50	80.00	0.0	0.20	74	6.00	1.32	18.00	0.5	JS
17	07:50	296749252.1	153824.2	10062.1	0	25997.00	7.50	80.00	1.0	0.10	68	7.00	0.99	17.50	0.5	JS
18	08:55	296903076.3	121874.8	10062.1	0	26004.50	6.00	79.00	1.0	0.35	61	5.00	0.82	17.00	0.5	JS
19	09:00	297024951.1	119640.5	10062.1	0	26010.50	5.70	79.00	1.0	0.26	56/100	4.00	1.06	16.50	0.5	JS
20	08:40	297144591.6	143524.2	10062.1	0	26016.20	7.10	78.00	1.0	0.39	96	6.00	1.20	16.00	0.5	JS
21	07:30	297288115.8	91092.9	10062.1	0	26023.30	4.40	77/160	1.0	0.37	90	8.00	1.58	16/51	0.5	JS
22	07:15	297379208.7	147398.4	10062.1	0	26027.70	7.10	159.00	1.0	0.57	82	3.00	1.26	50.50	0.0	KL
23	08:00	297526607.1	111279.2	10062.1	0	26034.80	5.50	158.00	1.0	0.66	79	6.00	1.13	50.50	0.5	KL
24	09:00	297637886.3	164617.6	10062.1	0	26040.30	8.00	157.00	1.0	0.64	73	6.00	0.94	50.00	0.5	KL
25	07:55	297802503.9	108037.2	10062.1	0	26048.30	5.30	156.00	1.0	0.68	67	6.00	1.32	49.50	0.3	JS
26	07:20	297910541.1	142976.6	10062.1	0	26053.60	7.00	155.00	1.0	0.67	61	2.00	0.75	49.25	0.5	JS
27	08:55	298053517.7	112707.6	10062.1	0	26060.60	5.40	154.00	0.0	0.75	59/100	4.00	0.73	48.75	0.5	JS
28	07:25	298166225.3	106079.1	10062.1	0	26066.00	5.30	154.00	1.0	0.65	96	4.00	1.13	48.25	0.3	JS
29	07:45	298272304.4	103015.9	10062.1	0	26071.30	5.00	153.00	1.0	0.71	92	5.00	0.78	48.00	0.8	JS
30	07:55	298375320.3	155206.7	10062.1	0	26076.30	7.50	152.00	1.0	0.60	87	6.00	1.37	47.25	0.3	JS
31	08:40	298530527		10062.1		26083.80		151.00	151.0	0.56	81	6.00	0.08	47.00	47.0	JS
TOT			14097779				200			21.15			31.40			
AVE			454767				6			0.66			0.98			
MAX			10176321				10			1.81			1.58			
MIN			91093				4			0.10			0.54			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF OCTOBER 2021
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

	North System (Wells 2 & 3)				West System (Well 4)				South System (Wells 5 & 6)					Flouride Analysis				
Date	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	Operator Initials	1.0 mg.L Standard	Well #2	Well #3	Well #4	Well#5-6
1	Tower	0.6		0.96	Tower	0.73		0.99	Tower	0.41		1.33	JS			1.20	0.69	0.75
2																0.35	0.70	0.28
3																0.61	0.19	0.44
4	ELM	0.62		1.31	Gas Station	0.31		1.05	Tower	0.4		1.24	JS			0.65	0.65	0.85
5	Tower	0.46		0.65	Tower	0.57		1.09	Tower	0.39		1.31	JS			0.96	0.61	0.67
6	Village	0.59		1.55	Garage	0.32		1.23	Tower	0.31		1.38	JS			0.47	0.86	0.77
7	Tower	1.63		0.98	Tower	0.59		0.7	Tower	0.29		1.4	JS			1.10	0.90	0.94
8	Tower	0.51		0.82	Tower	0.53		1.02	Tower	0.48		1.1	JS			0.80	0.63	0.63
9																1.10	1.20	0.64
10																0.81	1.70	0.78
11	Fire Station	0.04		2.07	Gas Station	0.14		1.03	Tower	0.31		2.09	JS			0.73	2.00	0.72
12	Tower	0.67		1.06	Tower	0.45		0.75	Tower	0.29		2	JS			0.80	0.73	0.70
13	Tower	0.69		0.62	Tower	0.69		0.66	Tower	0.32		1.9	JS			0.58	1.14	0.99
14	Tower	0.53		0.54	Tower	0.6		0.8	Tower	0.86		1.01	JS			1.40	1.70	1.08
15	Tower	0.46		0.64	Tower	0.81		0.74	Tower	0.89		1.19	JS			1.16	1.10	1.12
16																0.75	0.98	0.70
17																0.75	0.85	0.51
18	ELM	0.1		1.51	Gas Station	0.16		0.94	Tower	0.44		1.39	JS			0.88	0.89	0.97
19	Tower	0.26		1.06	Tower	0.64		0.88	Tower	0.38		1.42	JS			0.61	0.84	1.06
20	Village	0.14		1.62	Garage	0.24		1.14	Tower	0.42		1.39	JS			1.29	0.86	1.03
21	Tower	0.37		1.53	Tower	0.6		0.89	Tower	0.4		1.38	JS			0.87	0.98	0.97
22	Tower	0.57		1.26	Tower	1.16		0.86	Tower	0.35		1.43	KL			0.99	2.50	0.97
23																1.30	0.84	0.85
24																0.92	2.00	1.00
25	ELM	0.07		1.66	Gas Station	0.08		0.96	Tower	0.55		2.32	JS			0.99	0.92	0.99
26	Tower	0.66		0.75	Tower	0.25		0.87	Tower	0.55		1.37	JS			0.66	0.81	0.79
27	Village	0.08		1.45	Garage	0.1		1.08	Tower	0.52		1.34	JS			0.84	0.90	0.88
28	Fire Station	0.07		1.65	Tower	1.07		1.12	Tower	0.66		1.06	JS			0.99	0.87	0.79
29	Tower	0.71		0.78	Tower	0.58		1.11	Tower	0.58		1.11	JS			0.67	2.30	0.93
30																0.60	0.99	0.69
31																0.45	0.85	0.99
1																		

Signature:  Ion Stear
PHONE: 815-224-1650