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

June 3, 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 is the actions taken during May 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:
- Ordered new pump for influent lift station at north plant.
- Cleaned some grease out with what we can from the surface level.

North WWTP:
- All standard monthly checks/Maintenance/cleaning and producers were completed.
- Installed and wired up 3 actuators for decanters on SBRs, adjusted limit switches so they close tight.
- Cleaned scum off EQ tanks.
- Cleaned out buildup of rags from influent screen.

South WWTP:
- All standard monthly checks/Maintenance/cleaning and producers were completed
- Sent sludge to drying bed.
- Replace 2 bad air bags on SBR2 decanter.
- Cleaned out buildup of rags on influent screen.
- Cleaned out sprayer on screen.

Water System:
- Had some power issues at the south well and had to use the generator.
- Worked with Mitch to revise and update our Emergency Response Plans for each system
- Sent out the CCR…certification due to IEPA from Village by July 10th.

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 04/01/21 to 04/30/21**	**DMR Due Date:**	**05/25/21**	**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						<	75.0					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						=	88.0					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	=	0.266	=	0.384	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:	2021-05-25 08:09 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-05-25 11:34 (Time Zone: -05:00)

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 04/01/21 to 04/30/21	**DMR Due Date:**	05/25/21	**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:**	815-224-1250
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	0	--	Sample								=	7.52	=	7.5	19 - mg/L		02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.								>=	6.25 MN WK AV	>=	5.0 DAILY MN	19 - mg/L	0	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.71			=	7.86	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															
X 00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	56.76	=	314.0	26 - lb/d			=	19.5	=	108.0	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	3	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	0.84	=	4.5	26 - lb/d			=	0.29	=	1.55	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	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.349	=	0.55	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															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	<	8.73	=	29.0	26 - lb/d			<	3.0	=	10.0	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
00530	Solids, total suspended	1 - Effluent Gross	Quantity or Loading 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 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 flock and algae get through treatment. We have since removed the problem and will continue to monitor. Thus the reason for the high suspended solids results.

Attachments

No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User: IONSTEAR

Name: Ion Stear

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 04/01/21 to 04/30/21**	**DMR Due Date:**	**05/25/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006

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						<	109.0					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						=	251.0					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						=	8.24	=	42.2			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	=	0.142	=	0.19	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:	2021-05-25 08:15 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-05-25 11:34 (Time Zone: -05:00)

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 04/01/21 to 04/30/21**	**DMR Due Date:**	**05/25/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:	Ion	**Title:**		**Telephone:**	815-224-1250
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
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample								=	8.72	=	8.1	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.								>=	6.25 MN WK AV	>=	5.0 DAILY MN	19 - mg/L	0	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.37			=	7.59	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															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	7.2	=	19.6	26 - lb/d			=	3.3	=	9.0	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	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	25.0	=	33.6	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	<	0.2	=	0.73	26 - lb/d			<	0.096	=	0.333	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			=	0.35	26 - lb/d					=	0.16	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	=	1.5			26 - lb/d			=	0.7			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	=	0.262	=	0.537	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															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	<	5.2	=	39.3	26 - lb/d			<	2.4	=	18.0	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					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

No errors.

Comments

Attachments

No attachments.

VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF APRIL 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	0.76		1.85	Tower	1.00		0.90	Tower	0.86		1.33	JS			0.57	0.83	0.88
2	Tower	1.12		1.40	Tower	0.90		1.19	Tower	0.97		1.56	JS			0.35	0.66	0.82
3																0.82	0.74	0.21
4																1.10	0.90	1.10
5	Elm School	0.86		1.42	Gas Station	0.40		1.15	Tower	0.89		1.47	JS			1.60	0.80	0.80
6	Tower	1.13		0.84	Tower	0.95		1.30	Tower	0.85		1.49	JS			1.40	0.73	0.81
7	Village Hall	0.12		1.57	Auto Garage	0.76		1.37	Tower	0.89		1.62	JS			1.00	0.77	0.83
8	Tower	0.88		0.79	Tower	0.78		1.03	Tower	0.73		1.75	JS			0.82	0.89	0.91
9	Tower	0.52		0.94	Tower	0.77		1.10	Tower	0.82		1.53	JS			1.10	0.75	0.91
10																1.30	0.77	0.26
11																0.97	0.75	0.24
12	Elm School	0.74		1.40	Gas Station	0.41		1.02	Tower	0.69		1.59	JS			1.10	0.90	1.00
13	Tower	1.12		1.34	Tower	0.66		1.08	Tower	0.63		1.50	JS			0.56	0.71	0.75
14	Village Hall	0.24		1.45	Auto Garage	0.60		1.31	Tower	0.67		1.41	JS			0.81	0.58	0.86
15	Tower	1.18		0.76	Tower	0.74		1.01	Tower	0.71		1.58	JS			1.40	0.78	0.93
16	Tower	0.95		0.54	Tower	0.66		1.02	Tower	0.71		1.50	JS			1.00	0.88	0.84
17																1.50	0.75	0.25
18																0.68	0.65	0.82
19	Elm School	0.57		1.35	Gas Station	0.40		1.20	Tower	0.60		1.55	JS			1.30	0.93	0.99
20	Tower	1.09		0.46	Tower	0.76		1.08	Tower	0.63		1.50	JS			1.60	0.78	0.84
21	Village Hall	0.14		1.55	Garage	0.53		1.45	Tower	0.68		1.41	JS			0.86	0.79	0.84
22	Tower	0.61		0.78	Tower	0.63		1.06	Tower	0.71		1.46	JS			1.70	0.84	1.00
23	Tower	1.02		0.55	Tower	0.75		1.04	Tower	0.70		1.49	JS			1.70	1.10	1.20
24																0.90	0.81	0.35
25																0.87	1.10	0.64
26	Elm School	0.36		1.43	Gas Station	0.63		1.00	Tower	0.68		1.26	JS			1.30	0.81	0.91
27	Tower	0.86		1.11	Tower	0.74		0.41	Tower	0.70		1.54	JS			1.20	0.78	0.98
28	Village Hall	0.21		1.65	Garage	1.25		2.00	Tower	0.71		1.57	JS			1.10	0.67	0.81
29	Tower	0.78		0.93	Tower	0.58		0.86	Tower	0.75		1.55	JH			0.83	0.90	0.85
30	Tower	0.96		0.66	Tower	1.65		1.56	Tower	0.78		1.44	JH			1.80	1.20	0.78
31																		
1																		

Signature:  Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF APRIL 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
31-Mar	8:51	324010	50	7225.96	0	107.00	0.5	1.13	90	2.00	1.02	400.90	1.50	JS
1	9:27	324060	61	7227.08	1.34	106.50	0.5	1.00	88	3.00	1.29	399.40	2.20	JS
2	8:44	324121	50	7228.42	1.14	106.00	1.0	0.97	85	3.00	1.10	397.20	1.80	JS
3	8:35	324171	58	7229.56	1.28	105.00	1.0	1.02	82	1.00	0.98	395.40	2.10	JS
4	8:28	324229	60	7230.84	1.36	104.00	1.0	0.98	81	4.00	1.09	393.30	2.40	JS
5	8:58	324289	92	7232.20	2.07	103.00	0.0	1.02	77/112	4.00	1.10	390.90	2.20	JS
6	8:34	324381	145	7234.27	3.26	103.00	2.0	1.08	108	7.00	1.12	388.70	5.70	JS
7	8:47	324526	93	7237.53	2.05	101.00	2.0	1.05	101	4.00	1.21	383.00	3.20	JS
8	8:29	324619	64	7239.58	1.49	99.00	0.5	0.92	97	6.00	1.15	379.80	2.00	JS
9	8:34	324683	51	7241.07	1.13	98.50	1.0	0.92	91	1.00	1.11	377.80	1.70	JS
10	8:00	324734	58	7242.20	0.8	98.00	1.0	0.96	90	2.00	1.15	376.10	2.00	JH
11	8:00	324792	68	7243.00	2.03	97.00	1.0	0.79	88	87.16	0.68	374.10	2.30	JH
12	8:51	324860	51	7245.03	1.12	96.00	1.0	0.87	0.84	4.00	1.17	371.80	1.20	JS
13	8:30	324911	49	7246.15	1.13	95.00	0.5	0.96	80/100	2.00	1.01	370.60	1.40	JS
14	8:55	324960	52	7247.28	1.15	94.50	0.5	1.09	98	2.00	0.95	369.20	1.80	JS
15	8:38	325012	66	7248.43	1.48	94.00	0.5	0.95	96	3.00	1.06	367.40	2.30	JS
16	8:28	325078	50	7249.91	1.13	93.50	0.5	0.95	93	2.00	0.98	365.10	1.60	JS
17	8:16	325128	31	7251.04	1.37	93.00	1.0	0.90	91	5.00	1.01	363.50	2.00	JS
18	8:20	325159	91	7252.41	1.38	92.00	1.0	0.91	86	2.00	1.04	361.50	2.00	JS
19	8:59	325250	70	7253.79	1.58	91.00	1.0	0.94	84	4.00	1.12	359.50	2.30	JS
20	8:27	325320	50	7255.37	1.1	90.00	0.0	0.96	80	3.00	1.02	357.20	1.80	JS
21	9:05	325370	71	7256.47	1.64	90.00	1.5	0.99	77	1.00	1.03	355.40	2.30	JS
22	8:37	325441	46	7258.11	1.01	88.50	0.5	1.09	76/102	4.00	0.94	353.10	1.60	JS
23	8:34	325487	72	7259.12	1.59	88.00	1.0	0.93	98	4.00	0.99	351.50	2.80	JS
24	8:00	325559	86	7260.71	1.89	87.00	2.0	1.00	94	4.00	0.42	348.70	2.60	JH
25	8:00	325645	46	7262.60	1.11	85.00	0.0	0.85	90	3.00	1.02	346.10	1.40	JH
26	8:56	325691	43	7263.71	0.94	85.00	1.0	0.94	87/100	1.00	0.96	344.70	2.20	JS
27	8:32	325734	179	7264.65	4.09	84.00	1.0	0.64	99	8.00	1.00	342.50	5.70	JS
28	8:54	325913	51	7268.74	1.12	83.00	1.0	0.85	91	4.00	1.01	336.80	1.60	JS
29	8:31	325964	40	7269.86	0.95	82.00	1.0	0.92	87	1.00	0.98	335.20	1.10	JS
30	8:00	326004	49	7270.81	1.07	81.00	1.0	1.84	86	4.00	1.56	334.10	1.40	JH
1	8:00	326053		7271.88		80.00		0.78	82		1.22	332.70	332.70	JH
TOT			2043					31.20			33.49			
AVE			66					0.98			1.05			
MAX			179					1.84			1.56			
MIN			31					0.64			0.42			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH **IL0070300**
FOR THE MONTH OF APRIL 2021 **MONTHLY OPERATING REPORT**
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

		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
31-Mar	9:36	518477	86	3070.9	1.4	4756.30	0	143.00	1.0	0.86	82	7.00	1.41	416.20	2.60	JS
1	10:30	518563	43	3072.3	0.7	4756.30	0	142.00	1.0	1.14	75	3.00	1.28	413.60	1.60	JS
2	9:52	518606	49	3073.0	0.7	4756.30	0	141.00	1.0	1.27	72	3.00	1.25	412.00	1.80	JS
3	9:04	518655	89	3073.7	1.4	4756.30	0	140.00	1.0	1.17	69 / 120	6.00	0.77	410.20	2.80	JS
4	9:02	518744	86	3075.1	1.4	4756.30	0	139.00	1.0	1.21	94	6.00	0.68	407.40	3.40	JS
5	9:46	518830	51	3076.5	0.8	4756.30	0	138.00	1.0	0.42	88	3.00	1.43	404.00	1.60	JS
6	9:30	518881	83	3077.3	1.2	4756.30	0	137.00	1.0	1.09	85	6.00	1.42	402.40	2.60	JS
7	9:34	518964	89	3078.5	1.4	4756.30	0	136.00	1.0	1.10	79	6.00	0.73	399.80	3.00	JS
8	9:43	519053	40	3079.9	0.6	4756.30	0	135.00	1.0	1.06	73 / 100	2.00	0.73	396.80	0.80	JS
9	9:34	519093	50	3080.5	1.1	4756.30	0	134.00	1.0	1.01	98	4.00	1.34	396.00	1.80	JS
10	8:00	519143	83	3081.6	1	4756.30	0	133.00	1.0	0.84	94	6.00	1.18	394.20	2.60	JH
11	8:00	519226	85	3082.6	1.4	4756.30	0	132.00	1.0	1.34	88	7.00	1.22	391.60	2.80	JH
12	9:39	519311	43	3084.0	0.6	4756.30	0	131.00	0.0	0.88	81	3.00	1.45	388.80	1.60	JS
13	9:20	519354	89	3084.6	1.4	4756.30	0	131.00	1.0	0.79	78	6.00	1.36	387.20	2.80	JS
14	9:42	519443	43	3086.0	0.6	4756.30	0	130.00	1.0	0.50	72/100	2.00	0.82	384.40	1.20	JS
15	9:50	519480	87	3086.6	1.4	4756.30	0	129.00	1.0	0.68	98	5.00	1.39	383.20	3.20	JS
16	9:40	519567	38	3088.0	0.5	4756.30	0	128.00	0.0	0.63	93	5.00	1.27	380.00	1.40	JS
17	8:45	519605	87	3088.5	1.4	4756.30	0	128.00	1.0	0.85	88	5.00	1.28	378.60	3.00	JS
18	8:46	519692	80	3089.9	1.3	4756.30	0	127.00	2.0	0.84	83	5.00	1.26	375.60	2.60	JS
19	9:47	519772	56	3091.2	0.8	4756.30	0	125.00	0.5	0.97	77/100	5.00	0.59	373.00	1.60	JS
20	9:21	519828	188	3092.0	3	4756.30	0	124.50	2.5	1.10	95	13.00	1.42	371.40	6.60	JS
21	9:55	520016	66	3095.0	0	4756.30	0	122.00	1.0	0.87	82	6.00	2.00	364.60	1.60	JS
22	9:53	520082	85	3096.0	1.4	4756.30	0	121.00	1.0	0.90	76/101	7.00	0.70	363.00	3.40	JS
23	9:44	520167	37	3097.4	0.6	4756.30	0	120.00	1.0	0.98	94	4.00	1.28	359.60	1.00	JS
24	8:00	520204	84	3098.0	1	4756.30	0	119.00	1.0	1.17	90	4.00	1.52	358.60	2.20	JH
25	8:00	520288	86	3099.0	1.6	4756.30	0	118.00	1.0	0.93	86	7.00	1.73	355.80	2.80	JH
26	9:44	520374	89	3100.6	1.4	4756.30	0	117.00	1.0	1.00	79/100	6.00	1.87	353.00	3.20	JS
27	9:34	520463	90	3102.0	1	4756.30	0	116.00	1.0	0.98	94	7.00	0.53	349.80	2.80	JS
28	9:44	520553	47	3103.0	1.1	4756.30	0	115.00	1.0	1.06	87	4.00	0.63	347.00	1.60	JS
29	9:50	520600	86	3104.1	1.4	4756.30	0	114.00	2.0	0.96	83	5.00	0.63	345.40	2.80	JS
30	8:00	520686	86	3105.5	1.3	4756.30	0	112.00	1.0	0.78	78	6.00	1.44	342.60	0.00	JH
1	8:00	520772		3106.8		4756.30		111.00		1.01	72		1.22	339.60		JH
TOT			2301				0			30.39			37.83			
AVE			74				0			0.95			1.18			
MAX			188				0			1.34			2.00			
MIN			37				0			0.42			0.53			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH **IL0070150**
FOR THE MONTH OF APRIL 2021 **MONTHLY OPERATING REPORT**
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

		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
31-Mar	8;10	266944176.0	123466.8	10062.0	0	24572.30	5.90	140.00	1.0	0.82	81	6.00	179.0	35.25	0.3	JS
1	8:50	267067642.8	87978.3	10062.0	0	24578.20	4.10	139.00	1.0	0.76	75/168	2.00	185.0	35.00	1.0	JS
2	8:10	267155621.1	125129.9	10062.0	0	24582.30	5.80	138.00	1.0	1.12	166	7.00	1.40	34.00	0.5	JS
3	8:21	267280751.0	138391.5	10062.0	0	24588.10	6.50	137.00	1.0	0.98	159	7.00	0.80	33.50	0.5	JS
4	8:14	267419142.5	149572.7	10062.0	0	24594.60	6.70	136.00	2.0	0.87	152	6.00	1.34	33.00	1.0	JS
5	8:14	267568715.2	112719.6	10062.0	0	24601.30	5.60	134.00	1.0	1.00	146	7.00	0.68	32.00	0.8	JS
6	8:12	267681434.8	114174.1	10062.0	0	24606.90	5.40	133.00	1.0	1.13	139	5.00	0.84	31.25	0.3	JS
7	8:L10	267795608.9	109991.0	10062.0	0	24612.30	5.10	132.00	1.0	1.25	134	8.00	1.45	31.00	1.0	JS
8	8:07	267905599.9	117999.4	10062.0	0	24617.40	5.50	131.00	1.0	0.88	126	4.00	0.79	30.00	0.5	JS
9	8:13	268023599.3	86993.7	10062.0	0	24622.90	4.10	130.00	2.0	0.52	122	4.00	0.94	29.50	1.5	JS
10	8:20	268110593	147871.1	10062.0	0	24627.00	7.00	128.00	1.0	0.81	118	3.00	1.05	28.00	0.0	JH
11	8:00	268258464.1	136809.0	10062.0	0	24634.00	6.40	127.00	1.0	0.96	115	7.00	1.88	28.00	0.5	JH
12	8:23	268395273.1	121158.1	10062.0	0	24640.40	5.70	126.00	1.0	0.96	108	7.00	0.71	27.50	0.5	JS
13	8:11	268516431.2	110375.1	10062.0	0	24646.10	5.20	125.00	1.0	1.34	101	5.00	1.12	27.00	0.8	JS
14	8:08	268626806.3	124212.1	10062.0	0	24651.30	5.80	124.00	1.0	1.13	96	4.00	1.67	26.25	0.5	JS
15	8:18	268751018.4	109507.5	10062.0	0	24657.10	5.10	123.00	1.0	1.18	92	4.00	0.76	25.75	0.8	JS
16	8:09	268860525.9	103869	10062.0	0	24662.20	4.90	122.00	2.0	0.95	88	4.00	0.54	25.00	0.3	JS
17	8:02	268964394.9	147213.5	10062.0	0	24667.10	7.00	120.00	1.0	1.01	84	5.00	0.90	24.75	0.8	JS
18	8:05	269111608.4	132849.6	10062.0	0	24674.10	6.20	119.00	1.0	1.42	79	5.00	1.00	24.00	0.5	JS
19	8:22	269244458.0	122386.3	10062.0	0	24680.30	5.80	118.00	2.0	0.97	74/100	3.00	0.90	23.50	0.5	JS
20	8:08	269366844.3	117694.8	10062.0	0	24686.10	5.50	116.00	1.0	1.09	97	4.00	0.46	23.00	0.5	JS
21	8:16	269484539.1	119450.6	10062.0	0	24691.60	5.60	115.00	1.0	1.54	93	5.00	0.77	22.50	0.5	JS
22	8:12	269603989.7	105703.8	10062.0	0	24697.20	5.00	114.00	0.0	0.61	88	3.00	0.78	22.00	0.3	JS
23	8:13	269709693.5	166268.6	10062.0	0	24702.20	5.80	114.00	2.0	1.02	85	4.00	0.55	21.75	0.8	JS
24	8:00	269875962.1	117171.8	10062.0	0	24708.00	7.50	112.00	2.0	0.32	81	5.00	1.06	21.00	1.0	JH
25	8:00	269993133.9	114520.6	10062.0	0	24715.50	5.40	110.00	1.0	1.40	76	4.00	0.91	20.00	0.0	JH
26	8:20	270107654.5	145151.6	10062.0	0	24720.90	6.90	109.00	1.0	1.38	72/100	3.00	0.71	20.00	1.0	JS
27	8:11	270252806.1	140574.2	10062.0	0	24727.80	6.60	108.00	2.0	0.86	97	5.00	1.11	19.00	0.5	JS
28	8:14	270393380.3	135600.6	10062.0	0	24734.40	6.40	106.00	2.0	0.93	92	5.00	0.75	18.50	0.5	JS
29	8:07	270528980.9	119385.3	10062.0	0	24740.80	5.70	104.00	1.0	0.78	87	3.00	0.93	18.00	1.0	JS
30	7:00	270648366.2	149753.0	10062.0	0	24746.50	7.00	103.00	2.0	0.96	84	4.00	0.33	17.00	1.0	JH
1	8:00	270798119.2		10062.0		24753.50		101.00		1.12	80		1.11	16.00		JH
TOT			3853943				181			32.07			392.24			
AVE			124321				6			1.00			12.26			
MAX			166269				8			1.54			185.00			
MIN			86994				4			0.32			0.33			

SIGNATURE: Jon Stear
PHONE: 815-224-1650