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

July 7, 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 June 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:

- New pump for influent lift station at north plant is on its way.
- Changed bad battery and battery tender at Woodstock Road generator.

North WWTP:

- Pulled up all transducer and cleaned rag off of them.
- Pulled up all floats and cleaned rags off all of them.
- Cleaned out buildup of rags from influent screen.
- Ordered Oil for blower maintenance.
- Weed wacked so public works can spray weed killer.
- Had all flow meters calibrated.

South WWTP:

- Send sludge to drying bed.
- Changed a transducer on SBR 2.
- Changed an air solenoid valve for decanter on SBR1.
- Weed wacked so public works could spray weed killer.
- Had all flow meter calibrated.

Water System:

- Had some power issues at the south well and had to use the generator. Everything worked as it should.
- We have continued to have issues with the power at well 5. We have been in contact with ComEd. There is a power imbalance on the 3-phase electric. When it faults, we just run the generator because it always seems to fault in the evening or later afternoon when power demand is high. The residents have never been without water or even low water pressure. We are trying to get this resolved but it seems as though when the ComEd guy come out

the well runs fine and there is no imbalance. The reason we know there is an imbalance is because we have monitors that shut the well down if one of the legs isn't in line with the other 2 legs.

- We passed out lead and copper sample bottles to the residents in the north and west system.

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

TEST Inc.

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 05/01/21 to 05/31/21**	DMR Due Date:	**06/25/21**	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						<	72.0					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						=	66.0					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	=	0.212	=	0.26	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:	2021-06-21 09:21 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-07-06 10:16 (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 05/01/21 to 05/31/21	DMR Due Date:	06/25/21	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								=	7.85	=	6.87	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						=	7.61			=	8.03	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	<	7.36	=	17.2	26 - lb/d			<	3.0	=	7.0	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															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	0.33	=	0.83	26 - lb/d			=	0.136	=	0.339	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	=	0.294	=	0.447	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										=	700.0	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	<	4.9	=	9.8	26 - lb/d			<	2.0	=	4.0	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

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:	2021-06-21 09:28 (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:	INF Influent Structure	Discharge:	**INF-L** INFLUENT MONITORING		

Report Dates & Status

Monitoring Period:	**From 05/01/21 to 05/31/21**	DMR Due Date:	**06/25/21**	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						=	172.0					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						=	235.0					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						=	5.78	=	13.7			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	=	0.121	=	0.202	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

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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:	2021-06-21 09:30 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-07-06 10:16 (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 05/01/21 to 05/31/21**	DMR Due Date:	**06/25/21**	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:	Steer				

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								=	7.31	=	6.09	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						=	7.26			=	8.08	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	<	4.86	=	13.0	26 - lb/d			<	2.59	=	7.0	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								=	36.52	=	36.54	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	=	0.16	=	0.166	26 - lb/d			=	0.085	=	0.0886	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			=	0.13	26 - lb/d					=	0.067	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	=	0.39			26 - lb/d			=	0.21			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	=	0.225	=	0.429	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															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample										=	100.0	13 - #/100mL		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.										<=	400.0 DAILY MX	13 - #/100mL	0	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	<	3.28	=	9.4	26 - lb/d			<	1.75	=	5.0	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

VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF MAY 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																1.20	0.79	1.00
2																1.40	0.88	0.89
3	Tower	0.75		0.64	Tower	0.51		1.15	Tower	0.68		1.28	JH			1.50	0.76	0.80
4	Elm School	0.71		0.98	Gas Staton	0.32		1.05	Tower	0.77		1.56	JS			1.50	0.84	0.86
5	Village Hal	0.1		1.60	Tower	0.41		1.05	Tower	0.60		1.40	JS			0.84	0.91	0.89
6	Tower	0.87		0.54	Garage	0.62		1.29	Tower	0.85		1.47	JS			1.20	0.86	1.10
7	Tower	1.07		0.42	Tower	1.06		1.11	Tower	0.82		1.46	JS			1.70	0.87	0.81
8																1.20	0.79	0.64
9																1.30	1.90	0.34
10	Elm School	0.77		0.84	Gas Station	0.34		1.10	Tower	0.9		1.48	JS			1.00	0.96	0.96
11	Tower	0.52		0.54	Tower	0.4		1.19	Tower	0.86		1.24	JH			1.20	0.80	0.74
12	Village Hal	0.21		1.45	Garage	0.42		1.24	Tower	0.85		1.29	JS			0.86	1.60	0.93
13	Tower	1.93		0.69	Tower	1.04		1.00	Tower	0.80		1.38	JS			0.70	0.89	0.95
14	Tower	0.94		0.43	Tower	1.05		1.04	Tower	1.07		11.57	JS			0.73	0.71	0.82
15																0.49	0.69	1.20
16																0.75	0.96	0.48
17	Elm School	0.79		0.97	Gas Station	0.43		0.91	Tower	0.98		1.26	JS			1.20	0.76	0.87
18	Tower	1.41		0.55	Tower	1.11		0.84	Tower	1.16		0.97	JH			0.92	0.93	0.30
19	Village Hal	0.16		1.36	Garage	0.49		1.08	Tower	0.92		1.57	JS			1.20	0.78	0.85
20	Tower	0.96		0.44	Tower	0.97		1.23	Tower	0.79		1.69	JS			1.10	0.84	0.82
21	Tower	1.20		0.48	Tower	0.96		1.11	Tower	0.84		1.56	JS			1.40	0.76	0.76
22																0.77	0.79	0.68
23																0.85	0.72	0.80
24	Elm School	0.72		0.89	Gas Station	0.60		0.98	Tower	0.87		1.53	JS			1.10	0.96	0.88
25	Tower	1.18		0.76	Tower	0.82		1.00	Tower	0.98		1.48	JS			1.60	0.66	0.66
26	Village Hal	0.10		1.95	Tower	0.86		0.91	Tower	0.81		1.68	JS			0.81	0.86	0.82
27	Tower	1.08		1.04	Garage	0.96		1.27	Tower	1.04		1.73	JS			1.00	0.90	0.89
28	Tower	0.77		1.03	Tower	0.79		1.10	Tower	0.89		1.40	JS			1.50	1.20	0.89
29																0.97	0.90	0.78
30																1.50	0.94	0.51
31																		

Signature: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH **IL0070300**
FOR THE MONTH OF MAY 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
30-Apr	8:00	520686	8.6	3105.5	1.3	4756.97	0	112.00	1.0	0.78	78	6.00	1.44	342.60	3.00	JH
1	8:00	520728	130	3106.8	1.4	4756.97	0	111.00	1.0	1.01	72	6.00	1.22	339.60	3.00	JH
2	8:00	520858	77	3108.2	1.3	4756.97	0	110.00	1.0	1.02	66	8.00	1.52	336.60	2.80	JH
3	8:00	520945	163	3109.5	2.6	4756.97	0	109.00	2.0	0.68	58	2.00	1.28	333.80	2.80	JH
4	10:38	521110	94	3112.1	1.5	4756.97	0	107.00	1.0	1.11	56/70	6.00	1.22	336.60	11.00	JS
5	9:47	521204	82	3113.6	1.3	4756.97	0	106.00	1.1	1.08	64	6.00	1.34	325.60	32.00	JS
6	9:32	521286	85	3114.9	1.3	4756.97	0	105 /160	0.8	0.81	58 /70	0.00	1.67	322.0/455.8	38.00	JS
7	10:26	521371	46	3116.2	0.8	4756.97	0	159.00	0.0	1.19	70	0.00	1.24	453.00	1.60	JH
8	8:00	521417	87	3117.0	0	4756.97	0	159.00	2.0	1.17	70	6.00	2.50	451.40	3.00	JH
9	8:00	521504	84	3118.3	1.9	4756.97	0	157.00	1.0	1.42	64	9.00	1.25	440.40	4.20	JH
10	9:59	521628	58	3120.2	0.9	4756.97	0	156.00	1.0	1.11	55/100	2.00	0.98	444.20	2.00	JS
11	8:00	521686	86	3121.1	1.4	4756.97	0	155.00	1.0	1.20	98	7.00	1.37	442.20	3.00	JH
12	9:49	521772	128	3122.5	2	4756.97	0	154.00	2.0	1.14	91	8.00	0.40	439.20	4.40	JS
13	9:47	521800	192	3124.5	1.4	4756.97	0	152.00	0.0	1.10	83	6.00	2.00	434.80	3.20	JS
14	9:41	521992	87	3125.9	1.4	4756.97	0	152.00	2.0	0.93	77	4.00	1.30	431.60	2.60	JS
15	8:33	522079	86	3127.3	1.3	4756.97	0	150.00	2.0	1.14	73	7.00	1.50	429.00	2.60	JS
16	8:35	522165	133	3128.6	2.1	4756.97	0	148.00	2.0	1.19	66/120	7.00	1.37	426.40	4.40	JS
17	9:30	522298	89	3130.7	1.4	4756.97	0	146.00	1.0	1.28	93	5.00	0.51	422.00	3.00	JS
18	8:40	522387	86	3132.1	1.3	4756.97	0	145.00	1.0	1.56	88	6.00	0.97	419.00	2.60	JH
19	9:50	522473	87	3133.4	1.4	4756.97	0	144.00	1.0	1.28	82	6.00	1.17	416.40	3.00	JS
20	8:46	522560	124	3134.8	1.9	4756.97	0	143.00	2.0	1.00	76 /100	6.00	0.83	413.40	4.00	JS
21	10:16	522684	94	3136.7	0	4756.97	0	141.00	2.0	1.11	94	4.00	0.83	409.40	2.80	JS
22	8:00	522768	128	3138.0	2	4756.97	0	139.00	1.0	1.23	90	8.00	1.30	406.60	4.20	JH
23	8:00	522894	112	3140.0	1.8	4756.97	0	138.00	1.5	1.16	82	8.00	1.40	402.40	3.40	JH
24	9:56	523006	126	3141.8	1.8	4756.97	0	136.50	1.5	1.11	74/100	4.00	2.08	399.00	3.80	JS
25	9:59	523132	104	3143.6	1.7	4756.97	0	135.00	1.5	1.57	96	5.00	0.99	395.20	2.60	JS
26	9:40	523236	93	3145.3	1.4	4756.97	0	133.50	1.5	1.00	91	6.00	0.94	392.60	3.20	JS
27	10:06	523329	75	3146.7	1.1	4756.97	0	132.00	1.0	1.12	85	4.00	0.99	389.40	2.00	JS
28	9:55	523401	55	3147.8	0.9	4756.97	0	131.00	1.0	0.90	81	2.00	0.82	387.40	1.60	JS
29	8:31	523456	107	3148.7	1.7	4756.97	0	130.00	1.0	1.25	79	5.00	0.82	385.80	3.40	JS
30	8:15	523563	104	3150.4	1.6	4756.97	0	129.00	2.0	1.17	74	4.00	0.86	382.40	3.00	JS
31	9:30	523667		3152.0		4756.97	0	127.00		1.12	70/110		0.92	379.40		JS
TOT			3011				0			35.94			39.03			
AVE			97				0			1.12			1.22			
MAX			192				0			1.57			2.50			
MIN			9				0			0.68			0.40			

SIGNATURE: Jon Steur
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF MAY 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-Apr	8:00	326004	49	7270.81	1.08	81.00	1.0	1.84	86	4.00	1.56	334.10	1.40	JH
1	8:00	326053	64	7271.89	1.44	80.00	0.0	0.78	82	2.00	1.22	332.70	2.70	JH
2	8:00	326117	71	7273.33	1.6	80.00	1.0	0.63	80	2.00	1.08	330.00	2.50	JH
3	8:00	326188	49	7274.93	1.05	79.00	0.0	0.51	78	3.00	1.15	327.50	1.40	JH
4	8:55	326237	47	7275.98	1.11	79.00	0.0	0.95	75	5.00	1.05	326.10	1.30	JS
5	8:46	326284	44	7277.09	0.98	79.00	2.0	0.85	70/100	2.00	0.88	324.80	1.50	JS
6	8:47	326328	48	7278.07	1.07	78 / 120	1.0	0.99	0.98	-94.02	0.91	323.3/432	1.30	JS
7	9:13	326376	49	7279.14	1.09	119.00	0.0	1.22	95	3.00	0.98	430.70	1.50	JS
8	8:00	326425	56	7280.23	1.27	119.00	0.0	1.28	92	2.00	1.62	429.20	1.90	JH
9	8:00	326481	46	7281.50	0.98	119.00	1.0	1.90	90	2.00	1.25	427.30	1.50	JH
10	9:05	326527	53	7282.48	1.21	119.00	2.0	0.48	88	2.00	1.00	425.80	1.70	JS
11	8:00	326580	59	7283.69	1.34	117.00	0.0	0.40	86	4.00	1.19	424.10	1.90	JH
12	8:50	326639	44	7285.03	1.01	117.00	1.0	2.00	82	1.00	1.90	422.20	1.60	JS
13	8:45	326683	52	7286.04	1.09	116.00	1.0	1.11	81	3.00	0.82	420.60	1.60	JS
14	8:31	326735	47	7287.13	1.14	115.00	1.0	1.00	78	2.00	0.86	419.00	1.60	JS
15	8:06	326782	53	7288.27	1.12	114.00	0.0	1.09	76	3.00	0.84	417.40	2.20	JS
16	8:05	326835	63	7289.39	1.37	114.00	1.0	1.14	76 /100	3.00	1.04	415.20	2.20	JS
17	9:02	326898	58	7290.76	1.36	113.00	1.0	1.12	97	1.00	0.96	413.00	1.90	JS
18	8:00	326956	44	7292.12	0.96	112.00	0.5	1.11	96	3.00	0.84	411.10	1.80	JH
19	9:01	327000	26	7293.08	0.83	111.50	0.5	1.04	93	1.00	1.07	409.30	1.10	JS
20	9:35	327026	71	7293.91	1.23	111.00	0.0	1.15	92	4.00	1.13	408.20	2.00	JS
21	8:56	327097	21	7295.14	0.6	111.00	1.0	1.09	88	0.00	0.98	406.20	1.00	JS
22	8:00	327118	72	7295.74	1.62	110.00	1.0	1.02	88	4.00	0.45	405.20	2.40	JH
23	8:00	327190	68	7297.36	1.5	109.00	0.5	1.10	84	3.00	0.84	402.80	1.90	JH
24	9:03	327258	85	7298.86	1.93	108.50	1.0	1.17	81	4.00	0.99	400.90	2.70	JS
25	9:04	327343	44	7300.79	0.98	107.50	0.5	0.64	77 /100	1.00	0.49	398.20	1.60	JS
26	8:43	327387	60	7301.77	1.33	107.00	2.0	1.05	99	4.00	0.91	396.60	1.00	JS
27	9:06	327447	56	7,303.10	1.27	105.00	0.0	1.14	95	4.00	1.00	395.60	1.70	JS
28	8:48	327503	44	7,304.37	0.98	105.00	0.0	0.99	91	1.00	1.19	393.90	1.40	JS
29	7:54	327547	43	7,305.35	1.5	105.00	1.0	0.91	90	3.00	0.73	392.50	1.50	JS
30	7:42	327590	63	7,306.85	0.89	104.00	1.0	0.99	87	2.00	1.17	391.00	2.20	JS
31	9:15	327653	-327653	7,307.74	-7307.74	103.00		1.13	85		1.08	388.80	388.80	JS
TOT			1649					33.82			33.18			
AVE			53					1.06			1.04			
MAX			85					2.00			1.90			
MIN			21					0.40			0.45			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH **IL0070150**
FOR THE MONTH OF MAY 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
30-Apr	8:00	270648366.2	149753	10062.0	0	24746.50	7.00	103.00	2.0	1.12	84	4.00	1.11	17.00	1.0	JH
1	8:00	270798119.2	129854.5	10062.0	0	24753.50	6.20	101.00	1.0	1.10	80	4.00	1.92	16.00	0.5	JH
2	8:00	270927973.7	170372	10062.0	0	24759.70	8.00	100.00	1.0	1.10	76	6.00	0.64	15.50	0.5	JH
3	8:00	271098345.7	127036.5	10062.0	0	24767.70	6.00	99.00	1.0	0.75	70	3.00	0.65	15.00	1.0	JH
4	8:25	271225382.2	104586.1	10062.0	0	24773.70	4.90	98.00	1.0	0.95	67	2.00	0.85	14.00	0.0	JS
5	8:15	271329968.8	177952.5	10062.0	0	24778.60	9.30	97.00	2.0	0.96	65/100	3.00	0.58	14.00	1.0	JS
6	10:03	271507920.8	195194.7	10062.0	0	24787.90	8.30	96 /160	2.0	0.87	97	4.00	0.54	13 / 50	0.0	JS
7	8:45	271703115.5	130073.8	10062.0	0	24796.20	6.20	158.00	2.0	1.07	93	3.00	0.42	50.00	1.0	JS
8	8:00	271833189.3	142949.7	10062.0	0	24802.40	6.60	156.00	1.0	1.44	90	4.00	0.89	49.00	0.0	JH
9	8:00	271976139.0	148300	10062.0	0	24809.00	7.20	155.00	1.0	1.56	86	3.00	1.04	49.00	1.5	JH
10	8:29	272124439.0	114961	10062.0	0	24816.20	5.40	154.00	0.5	0.64	83 / 104	1.00	0.78	47.50	0.5	JS
11	8:00	272239400.0	129297.6	10062.0	0	24821.60	6.20	153.50	0.5	0.52	100	3.00	0.54	47.00	0.8	JH
12	8:18	272368697.6	60666.5	10062.0	0	24827.80	5.90	153.00	3.0	1.66	97	3.00	0.60	46.25	0.5	JS
13	8:24	272429364.1	190780.5	10062.0	0	24833.70	6.00	150.00	1.0	1.93	94	3.00	0.69	45.75	0.8	JS
14	8:10	272620144.6	124724.2	10062.0	0	24839.70	5.80	149.00	1.0	0.94	91	3.00	0.43	45.00	0.8	JS
15	7:48	272744868.8	136196.4	10062.0	0	24845.50	6.40	148.00	2.0	1.14	88	4.00	0.34	44.25	0.8	JS
16	7:51	272881065.2	169909.5	10062.0	0	24851.90	8.10	146.00	2.0	1.06	84	6.00	0.51	43.50	0.8	JS
17	8:15	273050974.7	158393.3	10062.0	0	24860.00	7.50	144.00	2.0	1.34	78/110	2.00	0.51	42.75	0.8	JH
18	8:00	273209368.0	129596.4	10062.0	0	24867.50	6.20	142.00	0.5	1.41	108	4.00	0.55	42.00	1.0	JH
19	8:15	273338964.4	134468.5	10062.0	0	24873.70	4.30	141.50	1.5	1.12	104	5.00	0.84	41.00	1.0	JS
20	8:14	273473432.9	169975.5	10062.0	0	24878.00	10.10	140.00	1.5	0.96	99	4.00	0.44	40.00	1.0	JS
21	8:32	273643408.4	141450.6	10062.0	0	24888.10	6.70	138.50	1.5	1.20	95	3.00	0.40	39.00	1.0	JS
22	8:00	273784859.0	137043.4	10062.0	0	24894.80	6.50	137.00	1.0	0.89	92	2.00	0.56	38.00	0.0	JH
23	8:00	273921902.4	176323.6	10062.0	0	24901.30	8.40	136.00	2.0	0.92	90	5.00	0.22	38.00	1.8	JH
24	8:28	274098226.0	167834.2	10062.0	0	24909.70	7.90	134.00	1.0	1.10	85	4.00	0.42	36.25	0.3	JS
25	8:42	274266060.2	126708.6	10062.0	0	24917.60	6.00	133.00	2.0	1.18	81	4.00	0.76	36.00	1.0	JS
26	8:12	274392768.8	170395.3	10062.0	0	24923.60	8.10	131.00	2.0	0.72	77	4.00	0.78	35.00	1.0	JS
27	8:12	274563164.1	127930.6	10062.0	0	24931.70	6.10	129.00	1.0	1.08	73/100	3.00	1.04	34.00	0.8	JS
28	8:27	274691094.7	111034.3	10062.0	0	24937.80	5.30	128.00	1.0	0.77	97	3.00	1.03	33.25	0.3	JS
29	7:36	274802129.0	169748.0	10062.0	0	24943.10	8.00	127.00	2.0	1.38	94	6.00	0.61	33.00	1.0	JS
30	7:26	274971877.0	174741.6	10062.0	0	24951.10	8.50	125.00	1.0	1.00	88	4.00	0.87	32.00	1.0	JS
31	8:53	275149618.6		10062.0		24959.60		124.00		1.46	84		0.74	31.00		JS
TOT			4498252				213			35.34			22.30			
AVE			145105				7			1.10			0.70			
MAX			195195				10			1.93			1.92			
MIN			60667				4			0.52			0.22			

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