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

August 4, 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 July 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 installed and working great
- Changed lever transducer at Woodstock Road lift station.
- We had the phone line fixed at whiting road.

North WWTP:

- All standard monthly checks/Maintenance/cleaning and producers were completed
- 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.
- Fixed all the decanter actuators.
- Had sable out to fix a pump in one of the sand filters.
- Changed all the blower oil in all 8 blowers, checked belts, and air filters
- Worked with public works to pull pump at north plant to clean rags out.

South WWTP:

- All standard monthly checks/Maintenance/cleaning and producers were completed
- Send sludge to drying bed.
- Fixed a decanter air line on SBR2
- Cleaned up plant.
- Changed oil in digester blowers.
- Got in SBR2 and checked blowers and motors on floating air mixers.
- Fixed a chemical leak at the pluming for the Alum at the south plant.

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. They have load banks that are supposed to monitor the power, but they are not hooked up yet. I know there trying to get everything fixed by the fair because it on the same power leg as the fair.

- We passed out lead and copper sample bottles to the residents in the north and west system, we have collected most of them but have a couple left.
- Fixed a CL2 line that was leaking at well 5.

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 06/01/21 to 06/30/21**	DMR Due Date:	**07/25/21**	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						=	59.0					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						=	43.0					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	=	0.195	=	0.268	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:	2021-07-20 16:16 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-07-21 10:36 (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 06/01/21 to 06/30/21	DMR Due Date:	07/25/21	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 #	Parameter 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								=	8.44	=	8.29	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						=	7.89			=	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	=	11.4	=	17.6	26 - lb/d			=	5.2	=	8.0	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	=	0.132	=	0.25	26 - lb/d			=	0.06	=	0.112	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	=	0.264	=	0.44	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										=	160.0	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	<	2.4	=	4.4	26 - lb/d			<	1.1	=	2.0	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:	2021-07-20 16:22 (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 06/01/21 to 06/30/21**	DMR Due Date:	**07/25/21**	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 #	Parameter 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						=	139.0					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						=	187.0					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						=	5.11	=	10.1			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	=	0.212	=	0.498	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:	2021-07-20 16:28 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-07-21 10:36 (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 06/01/21 to 06/30/21**	DMR Due Date:	**07/25/21**	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	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								=	7.56	=	6.1	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						=	7.3			=	8.8	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	=	8.37	=	21.2	26 - lb/d			=	3.6	=	12.0	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								=	35.8	=	37.41	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	1	--	Sample	=	0.13	=	0.27	26 - lb/d			=	0.076	=	0.154	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req	<=	31.0 MO AVG	<=	113.0 DAILY MX	26 - lb/d			<=	1.5 MO AVG	<=	5.4 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	1	--	Sample			=	0.17	26 - lb/d					=	0.096	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	=	0.42			26 - lb/d	=	0.24					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	=	0.212	=	0.498	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										=	260.0	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	<	2.0	=	5.3	26 - lb/d	<	1.13	=	3.0			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 - WEST **IL0070350**
FOR THE MONTH OF JUNE 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-May	9:15	327653	53	7307.74	121	103.00	0.5	1.13	85	3.00	1.08	388.80	2.00	JS
1	8:47	327708	56	7308.95	1.28	102.50	0.5	1.17	82	2.00	0.91	386.80	1.70	JS
2	9:12	327764	59	7310.23	1.29	102.00	1.0	1.10	80	3.00	0.84	385.10	2.10	JS
3	9:42	327823	69	7311.52	1.68	101.00	1.0	1.25	77/113	3.00	1.16	383.00	2.20	JS
4	9:14	327892	72	7313.20	1.55	100.00	1.0	1.02	110	2.00	1.27	380.80	2.40	JS
5	8:00	327964	71	7314.75	1.62	99.00	1.0	1.10	108	4.00	0.46	378.40	2.40	JH
6	8:00	328035	68	7316.37	1.52	98.00	0.5	1.12	104	4.00	0.58	376.00	2.30	JH
7	8:50	328103	44	7317.89	0.94	97.50	0.5	1.77	100	2.00	1.33	373.70	1.50	JS
8	8:38	328147	93	7318.83	2.16	97.00	0.0	1.04	98	4.00	0.77	372.20	3.20	JS
9	9:38	328240	67	7320.99	1.49	96.00	1.0	1.12	94	4.00	0.97	369.00	2.00	JS
10	8:46	328307	89	7322.48	2.04	95.00	1.0	1.13	90	4.00	1.29	367.00	2.90	JS
11	8:36	328396	68	7324.52	1.52	94.00	1.0	0.70	86	3.00	1.18	364.10	2.20	JS
12	8:27	328464	66	7326.04	1.47	93.00	1.0	0.93	83	2.00	1.30	361.90	1.60	JS
13	8:12	328530	96	7327.51	2.17	92.00	2.0	1.08	81	5.00	1.08	360.30	3.00	JS
14	9:18	328626	71	7329.68	1.62	90.00	1.0	1.24	76	3.00	1.14	357.30	2.30	JS
15	8:50	328697	71	7331.30	1.6	89.00	1.0	1.08	73/101	3.00	1.08	355.00	2.10	JS
16	9:00	328768	40	7332.90	1.13	88.00	0.0	1.16	98	2.00	0.91	352.90	1.50	JS
17	8:27	328808	73	7334.03	1.42	88.00	1.0	1.14	96	3.00	1.39	351.40	2.80	JS
18	8:37	328881	49	7335.45	1.12	87.00	0.0	1.18	93	3.00	1.38	348.60	1.60	JS
19	8:00	328930	87	7336.57	1.98	87.00	2.0	0.95	90	4.00	0.73	347.00	2.60	JH
20	8:00	329017	44	7338.55	0.95	85.00	1.0	0.95	86	2.00	1.05	344.40	1.40	JH
21	9:18	329061	48	7339.50	1.08	84.00	0.0	0.95	84	3.00	1.08	343.00	1.20	JS
22	8:32	329109	48	7340.58	1.09	84.00	1.0	0.92	81	3.00	1.00	341.80	2.00	JS
23	8:41	329157	52	7341.67	1.14	83.00	0.0	0.90	78	2.00	1.23	339.80	1.70	JS
24	8:46	329209	56	7342.81	1.3	83.00	0.5	0.98	76/110	2.00	0.90	338.10	2.40	JS
25	8:31	329265	43	7344.11	0.95	82.50	1.0	0.93	108	2.00	1.27	335.70	1.50	JS
26	8:18	329308	48	7345.06	1.07	81.50	0.5	0.87	106	2.00	1.09	334.20	1.40	JS
27	8:34	329356	48	7346.13	1.07	81.00	1.0	0.86	104	3.00	1.33	332.80	1.50	JS
28	8:49	329404	57	7347.20	1.27	80/120	1.0	0.90	101	2.00	1.05	331.6/438.6	1.15	JS
29	9:15	329461	48	7348.47	1.1	119.00	0.0	1.26	99	98.04	1.41	432.10	1.60	JS
30	9:36	329509		7349.57		119.00	119.0	1.30	0.96	0.96	1.18	430.50	430.50	JS
31			0		0								0.00	
TOT			1854					33.23			33.44			
AVE			62					1.07			1.08			
MAX			96					1.77			1.41			
MIN			40					0.70			0.46			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH **IL0070300**
FOR THE MONTH OF JUNE 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-May	9:30	523667	131	3152.0	2.1	4756.70	0	127.00	1.5	1.12	110	5.00	0.92	379.40	3.80	JS
1	9:41	523798	-373	3154.1	1.9	4756.70	0	125.50	1.5	1.12	105	6.00	0.92	375.60	3.80	JS
2	10:00	523425	632	3156.0	2.1	4756.70	0	124.00	2.0	1..12	99	6.00	0.85	371.80	4.00	JS
3	10:48	524057	147	3158.1	2.3	4756.70	0	122.00	1.0	1.20	93	7.00	0.83	367.80	4.00	JS
4	10:00	524204	153	3160.4	2.6	4756.70	0	121.00	3.0	1.02	86	6.00	1.10	363.80	4.60	JS
5	8:00	524357	156	3163.0	2.3	4756.70	0	118.00	2.0	1.03	80	78.88	0.80	359.20	4.00	JH
6	8:00	524513	174	3165.3	2.7	4756.70	0	116.00	0.5	1.80	1.12	9.00	1.12	355.20	4.80	JH
7	9:35	524687	100	3168.0	1.6	4756.70	0	115.50	1.5	0.58	65/100	5.00	1.06	350.40	2.80	JS
8	9:30	524787	176	3169.6	2.8	4756.70	0	114.00	1.0	0.57	95	9.00	0.83	347.60	5.00	JS
9	8:45	524963	150	3172.4	2.3	4756.70	0	113.00	1.0	0.86	86	6.00	1.07	342.60	4.00	JS
10	10:02	525113	178	3174.7	2.9	4756.70	0	112.00	2.0	0.75	80	8.00	0.77	338.60	4.80	JS
11	9:30	525291	166	3177.6	2.5	4756.70	0	110.00	1.0	0.65	72/100	7.00	0.93	333.80	4.00	JS
12	7:56	525457	154	3180.1	2.4	4756.70	0	109.00	2.0	0.68	93	9.00	1.03	329.80	5.60	JS
13	7:35	525611	219	3182.5	3.4	4756.70	0	107.00	3.0	0.70	84	10.00	1.03	324.20	6.60	JS
14	10:07	525830	154	3185.9	2.5	4756.70	0	104.00	0.5	0.74	74/80	8.00	1.20	317.60	4.20	JS
15	9:44	525984	154	3188.4	2.4	4756.70	0	103.50	1.5	0.63	92	7.00	0.85	313.40	-5.20	JS
16	9:49	526138	163	3190.8	2.5	4756.70	0	102.00	1.0	0.71	85	8.00	1.06	318.60	14.80	JS
17	9:36	526301	156	3193.3	2.4	4756.70	0	101.00	1.0	0.57	77	7.00	0.95	303.80	4.40	JS
18	8:58	526457	162	3195.7	2.6	4756.70	0	100.00	2.0	0.84	70/80	6.00	1.17	299.40	4.80	JS
19	8:00	526619	112	3198.3	2.5	4756.70	0	98.00	2.0	0.66	74	8.00	1.18	294.60	4.80	JH
20	8:00	526731	158	3200.8	1.7	4756.70	0	96.00	1.0	0.77	66	5.00	0.89	289.80	3.00	JH
21	10:09	526889	102	3202.5	1.6	4756.70	0	95.00	1.0	0.35	61	6.00	1.17	286.80	3.00	JS
22	9:23	526991	110	3204.1	1.7	4756.70	0	94.00	1.0	0.70	55/70	6.00	0.91	283.80	3.40	JS
23	9:28	527101	118	3205.8	1.6	4756.70	0	93.00	0.0	0.62	64	6.00	0.89	280.40	3.60	JS
24	9:56	527219	124	3207.4	2.2	4756.70	0	93.00	2.0	0.91	58	5.00	1.05	276.80	3.40	JS
25	9:38	527343	49	3209.6	0.8	4756.70	0	91.00	1.0	0.76	53	0.00	1.62	273.40	1.60	JS
26	8:51	527392	108	3210.4	1.6	4756.70	0	90.00	1.0	0.73	53	5.00	1.10	271.80	3.20	JS
27	9:10	527500	135	3212.0	2.2	4756.70	0	89.00	1.5	0.90	48	5.00	1.68	268.60	4.00	JS
28	9:35	527635	60	3214.2	0.8	4756.70	0	86.5/160	0.0	0.94	43	2.00	1.05	264.6/465.2	1.40	JS
29	00:00	527695	98	3215.0	1.6	4756.70	0	160.00	1.0	1.02	41/100	3.00	1.22	463.80	3.00	JS
30	10:18	527793		3216.6		4756.70		159.00	159.0	1.10	97	97.00	0.94	460.80	0.00	JS
			0													
TOT			4126				0			25.03			32.19			
AVE			138				0			0.83			1.04			
MAX			632				0			1.80			1.68			
MIN			-373				0			0.35			0.77			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH **IL0070150**
FOR THE MONTH OF JUNE 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-May	8:53	275149618.6	180920.4	10065.0	0	24959.60	8.50	124.00	2.0	1.46	84	6.00	0.74	31.00	1.0	JS
1	8:11	275330539.0	151407.2	10065.0	0	24968.10	7.30	122.00	2.0	1.03	78	4.00	0.84	30.00	1.0	JS
2	8:53	275481946.2	177961.4	10065.0	0	24975.40	8.40	120.00	2.0	1.18	74	3.00	0.52	29.00	0.8	JS
3	8:52	275659907.6	201200.6	10065.0	0	24983.80	9.60	118.00	2.0	1.32	71/101	3.00	0.55	28.25	1.0	JS
4	8:52	275861108.2	225197.3	10065.0	0	24993.40	10.60	116.00	2.0	1.18	98	8.00	0.60	27.25	1.3	JS
5	8:00	276086305.5	203270.5	10065.0	0	25004.00	9.00	114.00	3.0	1.41	90	6.00	0.32	26.00	1.0	JH
6	8:00	276289576.0	193662.1	10065.0	0	25013.00	10.10	111.00	1.0	1.23	84	8.00	0.73	25.00	1.0	JS
7	8:16	276483238.1	127148.8	10065.0	0	25023.10	6.10	110.00	1.0	0.87	76	4.00	0.42	24.00	0.5	JS
8	8:16	276610386.9	186462.9	10065.0	0	25029.20	8.80	109.00	2.0	0.94	72/111	5.00	0.18	23.50	0.5	JS
9	10:11	276796849.8	151744.9	10065.0	0	25038.00	7.20	107.00	3.0	0.86	106	8.00	0.44	23.00	0.8	JS
10	8:16	276948594.7	189872.6	10065.0	0	25045.20	9.10	104.00	1.0	1.09	98	8.00	0.77	22.25	1.0	JS
11	8:15	277138467.3	181518.0	10065.0	0	25054.30	8.60	103.00	1.0	1.21	90	6.00	0.75	21.25	0.8	JS
12	8:42	277319985.3	204534.6	10065.0	0	25062.90	9.80	102.00	3.0	0.78	84	9.00	0.81	20.50	1.0	JS
13	8:27	277524519.9	232243.3	10065.0	0	25072.70	11.10	99.00	2.0	0.93	75/101	9.00	1.25	19.50	1.0	JS
14	8:43	277756763.2	176363.2	10065.0	0	25083.80	8.40	97.00	3.0	0.93	92	8.00	0.47	18.50	1.0	JS
15	8:29	277933126.4	179149.4	10065.0	0	25092.20	8.60	94.00	0.5	0.88	84	8.00	0.87	17.50	0.5	JS
16	8:17	278112275.8	199220	10065.0	0	25100.80	9.60	93.50	2.5	1.23	76	8.00	1.06	17.00	1.0	JS
17	8:04	278311495.8	171690.2	10065.0	0	25110.40	8.10	91.00	2.0	1.08	68/103	5.00	0.80	16.00	1.5	JS
18	8:16	278483186.0	166849	10065.0	0	25118.50	8.00	89.00	1.0	1.10	98	8.00	1.03	14.50	0.5	JS
19	8:00	278650035.0	193089	10065.0	0	25126.50	9.20	88.00	2.0	0.78	90	9.00	0.66	14.00	1.0	JH
20	8:00	278843124.0	132380.8	10065.0	0	25135.70	6.40	86.00	2.0	1.13	81	7.00	0.93	13.00	1.0	JH
21	8:45	278975504.8	124039.1	10065.0	0	25142.10	5.90	84.00	1.0	0.94	74/100	5.00	0.84	12.00	0.0	JS
22	8:07	279099543.9	157904.6	10065.0	0	25148.00	7.50	83.00	1.5	0.82	95	7.00	0.88	12.00	1.0	JS
23	8:05	279257448.5	145281.2	10065.0	0	25155.50	7.00	81.50	0.5	1.12	88	6.00	0.63	11.00	1.0	JS
24	8:15	279402729.7	121673.2	10065.0	0	25162.50	5.80	81.00	2.5	1.03	82	8.00	1.84	10.00	0.5	JS
25	8:05	279524402.9	115027.3	10065.0	0	25168.30	5.50	78.50	0.5	0.55	74/100	5.00	1.71	9.50	1.5	JS
26	8:03	279639430.2	122738.3	10065.0	0	25173.80	5.90	78.00	2.0	0.83	95	8.00	1.06	8.00	0.0	JS
27	8:20	279762168.5	162126.3	10065.0	0	25179.70	7.70	76.00	2.0	1.01	87	7.00	1.26	8.00	0.0	JS
28	8:16	279924294.8	128649	10065.0	0	25187.40	6.20	74 /160	1.0	0.72	80	7.00	0.98	8.0/50.0	0.5	JS
29	8:53	280052943.8	128159	10065.0	0	25193.60	6.10	159.00	1.0	1.33	73 /112	6.00	0.72	49.50	0.5	JS
30	8:49	280181102.8		10065.0	0	25199.70	-25199.70	158.00	158.0	1.52	106	106.00	1.45	49.00	49.0	JS
			0	10065.0	-10065		0.00		0.0			0.00			0.0	
TOT			5031484				-24960			32.49			26.11			
AVE			167716				-805			1.05			0.84			
MAX			232243				11			1.52			1.84			
MIN			115027				-25200			0.55			0.18			

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VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF JUNE 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	Elm School	0.59		1.10	Gas Station	0.66		0.88	Tower	0.90		1.36	JS			0.77	0.94	0.62
2	Tower	1.18		0.52	Tower	0.75		0.85	Tower	0.92		1.31	JS			1.20	0.75	0.90
3	Fire Staton	0.91		0.80	Auto Garage	0.82		1.79	Tower	0.87		1.38	JS			1.20	0.86	0.86
4	Tower	1.18		0.60	Tower	0.72		0.85	Tower	0.86		1.19	JS			0.61	0.93	0.74
5																0.46	0.98	0.74
6																1.10	0.92	0.83
7	Elm School	0.72		1.04	Gas Station	0.46		0.99	Tower	0.71		1.10	JS			0.46	0.74	0.92
8	Tower	0.94		0.18	Tower	0.97		1.04	Tower	0.64		1.14	JS			1.40	0.82	0.88
9	Village hall	0.23		1.27	Auto Garage	0.86		1.05	Tower	0.66		1.33	JS			1.20	0.94	0.93
10	Tower	1.09		0.77	Tower	0.87		0.96	Tower	0.50		1.19	JS			0.96	0.88	0.69
11	Tower	1.21		0.75	Tower	0.33		1.12	Tower	0.21		1.12	JS			1.20	0.88	0.90
12																1.30	0.94	0.81
13																0.97	0.76	0.74
14	Elm School	0.49		1.41	Gas Station	0.41		1.20	Tower	0.38		1.33	JS			0.94	0.84	0.83
15	Tower	0.88		0.87	Tower	0.91		1.16	Tower	0.49		1.13	JS			0.95	0.78	0.85
16	Village hall	0.28		1.26	Auto Garage	0.55		1.37	Tower	0.49		1.29	JS			0.97	0.88	0.85
17	Tower	1.08		0.80	Tower	0.84		1.10	Tower	0.48		1.19	JS			1.40	0.96	0.79
18	Tower	1.10		1.03	Tower	0.89		1.49	Tower	0.58		1.53	JS			0.98	0.78	0.80
19																1.30	0.84	0.64
20																1.40	0.81	0.78
21	Elm School	0.52		1.53	Gas Station	0.37		1.03	Tower	0.35		1.27	JS			1.50	0.81	0.79
22	Tower	0.82		0.88	Tower	0.81		1.23	Tower	0.42		1.20	JS			0.69	0.84	0.91
23	Tower	1.12		0.63	Auto Garage	0.93		1.12	Tower	0.34		1.20	JS			1.60	0.83	0.80
24	Village hall	0.31		1.31	Tower	0.79		1.13	Tower	0.34		1.53	JS			0.93	0.82	0.70
25	Tower	0.55		1.71	Tower	0.63		0.60	Tower	0.40		1.49	JS			1.30	1.00	0.83
26																1.60	0.73	0.54
27																0.49	0.59	0.72
28	Elm School	0.43		1.88	Gas Station	0.50		1.12	Tower	0.49		1.28	JS			0.98	0.75	0.77
29	Tower	1.33		0.72	Tower	0.36		1.34	Tower	0.27		1.49	JS			0.94	0.74	0.82
30	Village hall	0.20		1.46	Auto Garage	0.27		1.37	Tower	0.30		1.38	JS			0.31	0.41	0.45

Signature:  Jon Stear
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