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

May 6, 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 April 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:

- Requested quotes for replacing bad pump at influent lift station at north plant. Sent out 4 requests for quotes only received 2 back.
- Pulled all the pumps at the north plant lift station to clean the rag out of it. It had a 5-gallon bucket of rags between the 3 pumps.
- Cleaned some grease out with what we can from the surface level.

North WWTP:

- All standard monthly checks/Maintenance/cleaning and producers were completed.
- Repaired valve on SBR 1 that slightly broke and wasn't allowing the SBR to decant.
- Cleaned both EQ tanks.
- Cleaned and moped lab and sand filter buildings
- Cleaned sludge out of sand filter.
- Pulled pump out of sand filter that keeps losing the bolt that hold the impeller on.

South WWTP:

- All standard monthly checks/Maintenance/cleaning and producers were completed
- Replaced broken window at south plant entry door.
- Replaced bad air line for decanter on SBR 2
- Pulled land soil samples from park st property to send to lab
- Pulled sludge samples for fecal test for land application.
- Prepared all paperwork for land application of sludge.
- Send sludge to drying bed.
- Installed new air filter on digester blowers that needed them, checked the rest.

Water System:

- Load test portable generator at well 4.
- Cleaned water towers and well houses.

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 #:	**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 03/01/21 to 03/31/21**	**DMR Due Date:**	**04/25/21**	**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							<	73.0			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							=	102.0			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							=	4.96	=	22.4	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	=	0.208	=	0.315	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:	2021-04-23 15:48 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-04-26 10:06 (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 03/01/21 to 03/31/21**	**DMR Due Date:**	**04/25/21**	**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 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								=	8.7	=	6.76	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						=	6.89			=	7.47	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	=	13.0	=	29.5	26 - lb/d			=	4.4	=	10.0	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								=	22.93	=	22.93	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	=	0.28	=	0.79	26 - lb/d			=	0.095	=	0.266	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			=	0.38	26 - lb/d					=	0.128	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	=	1.2			26 - lb/d			=	0.413			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	=	0.354	=	0.745	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	<	5.9	=	14.8	26 - lb/d			<	2.0	=	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

Attachments

No attachments.

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 03/01/21 to 03/31/21**	**DMR Due Date:**	**04/25/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150007

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						<	62.0					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						=	58.0					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	=	0.316	=	0.511	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:	2021-04-23 15:34 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-04-26 10:06 (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 03/01/21 to 03/31/21**	**DMR Due Date:**	**04/25/21**	**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	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								=	7.26	=	5.13	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						=	7.06			=	7.84	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	=	37.4	=	127.0	26 - lb/d			=	10.6	=	36.0	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	1	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00610	**Nitrogen, ammonia total [as N]**	1 - Effluent Gross	2	--	Sample	=	3.0	=	9.6	26 - lb/d			=	0.867	=	2.73	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	16.0 MO AVG	<=	49.0 DAILY MX	26 - lb/d			<=	1.5 MO AVG	<=	4.7 DAILY MX	19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00610	**Nitrogen, ammonia total [as N]**	8 - Other Treatment. Process Complete	0	--	Sample			=	9.0	26 - lb/d					=	2.54	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.			<=	40.0 WKLY AVG	26 - lb/d					<=	3.8 WKLY AVG	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	=	0.423	=	0.565	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	<	9.9	=	21.0	26 - lb/d			<	2.8	=	6.0	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	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

Attachments

No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User: ebumgarner

VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF March 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
28-Feb	8:54	322277	69	7187.11	1.51	89.00	1.8	0.69	89	6.00	1.26	351.30	2.00	JS
1	9:07	322346	62	7188.62	2.26	87.25	0.3	0.74	83	3.00	1.13	349.30	2.30	JS
2	8:35	322408	52	7190.88	0.36	87.00	0.0	0.70	80	3.00	1.10	347.00	1.90	JS
3	8:59	322460	56	7191.24	1.24	87.00	0.0	0.70	77/120	2.00	1.16	345.10	2.00	JS
4	9:08	322516	61	7192.48	1.37	87.00	1.0	0.92	118	4.00	1.22	343.10	1.80	JS
5	8:36	322577	49	7193.85	1.13	86.00	0.0	0.80	114	4.00	1.25	341.30	1.70	JS
6	8:35	322626	72	7194.98	1.62	86.00	1.0	0.63	110	4.00	1.14	339.60	2.50	JS
7	9:00	322698	67	7196.60	1.51	85.00	1.0	0.65	106	6.00	1.11	337.10	2.40	JS
8	9:03	322765	45	7198.11	0.98	84.00	0.0	0.85	100	1.00	1.18	334.70	1.50	JS
9	8:30	322810	50	7199.09	1.14	84.00	1.0	0.84	99	3.00	1.05	333.20	2.00	JS
10	9:34	322860	52	7200.23	1.08	83.00	0.0	0.71	96	4.00	1.15	331.20	1.70	JS
11	9:24	322912	69	7201.31	1.59	83/120	1.0	0.69	92	5.00	1.03	329.5/436.7	1.20	JS
12	9:30	322981	48	7202.90	1.1	119.00	0.0	1.03	87	1.00	0.92	435.50	1.50	JS
13	8:00	323029	58	7204.00	1.32	119.00	1.0	0.83	86	4.00	1.93	434.00	2.00	JH
14	10:14	323087	47	7205.32	1.04	118.00	0.0	1.04	82	2.00	2.20	432.00	1.50	JH
15	8:50	323134	66	7206.36	1.47	118.00	1.0	0.95	80/130	2.00	0.78	430.50	2.60	JS
16	8:32	323200	50	7207.83	1.13	117.00	0.5	0.85	128	2.00	0.65	427.90	1.60	JS
17	8:49	323250	50	7208.96	1.13	116.50	0.5	0.70	126	1.00	0.69	426.30	1.80	JS
18	8:28	323300	51	7210.09	1.16	116.00	0.0	0.71	125	0.00	0.57	424.50	1.50	JS
19	8:34	323351	51	7211.25	1.13	116.00	1.0	0.90	125	122.00	0.95	423.00	1.70	JS
20	8:35	323402	71	7212.28	1.59	115.00	1.0	0.94	120	4.00	1.09	421.30	2.40	JS
21	9:32	323473	49	7213.97	1.036	114.00	0.0	0.86	116	2.00	0.95	418.90	1.50	JS
22	8:57	323522	51	7215.01	1.204	114.00	2.0	0.89	114	2.00	1.12	417.40	2.10	JS
23	8:00	323573	60	7216.21	1.35	112.00	0.0	0.95	112	4.00	1.07	415.30	2.60	JH
24	8:57	323633	54	7217.56	0.61	112.00	0.0	0.97	108	2.00	0.92	412.70	1.40	JS
25	8:48	323687	51	7218.17	1.63	112.00	1.0	1.01	106	3.00	1.01	411.30	1.70	JS
26	8:31	323738	49	7219.80	1.2	111.00	1.0	0.97	103	3.00	0.73	409.60	1.80	JS
27	8:00	323787	68	7221.00	1.52	110.00	1.0	1.09	100	2.00	1.26	407.80	1.90	JH
28	8:00	323855	44	7222.52	0.98	109.00	1.0	0.77	98	2.00	0.85	405.90	1.40	JH
29	9:07	323899	70	7223.50	1.48	108.00	0.0	1.08	96	4.00	1.27	404.50	2.30	JS
30	8:35	323969	41	7224.98	0.98	108.00	1.0	1.05	92	2.00	0.94	402.20	1.30	JS
31	8:51	324010	50	7225.96	1.12	107.00	0.5	1.13	90	2.00	1.02	400.90	1.50	JS
1	00:00	324060		7227.08		106.50		1.00	88		1.29	399.40		JS
TOT			1733					28.64			35.99			
AVE			56					0.87			1.09			
MAX			72					1.13			2.20			
MIN			41					0.63			0.57			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH **IL0070300**
FOR THE MONTH OF March 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
28-Feb	9:24	516619	89	3040.2	1.4	4756.70	0	122.00	2.0	1.03	74	6.00	1.64	358.00	0.80	JS
1	10:00	516608	53	3041.6	0.8	4756.70	0	120.00	0.5	1.10	68	4.00	1.11	357.20	2.00	JS
2	9:49	516661	88	3042.4	1.4	4756.70	0	119.50	1.0	1.27	64/100	6.00	0.60	355.20	3.20	JS
3	9:48	516749	42	3043.8	1.1	4756.70	0	118.50	0.5	1.03	94	4.00	1.40	352.00	1.40	JS
4	8:21	516791	88	3044.9	1	4756.70	0	118.00	1.0	1.04	90	7.00	0.99	350.60	0.00	JS
5	3:23	516879	41	3045.9	0	4756.70	0	117.00	1.0	0.80	83	2.00	0.94	347.00	1.00	JS
6	8:01	516920	50	3046.5	0.8	4756.70	0	116.00	1.0	1.07	81	4.00	1.80	346.00	1.60	JS
7	8:10	516970	89	3047.3	1.4	4756.70	0	115.00	1.0	1.17	77/100	5.00	0.53	344.40	3.40	JS
8	9:47	517059	50	3048.7	0	4756.70	0	114.00	1.0	0.65	95	4.00	1.10	341.00	1.60	JS
9	9:22	517109	87	3049.5	1.3	4756.70	0	113.00	1.0	1.12	91	7.00	0.61	339.40	3.20	JS
10	10:39	517196	43	3050.8	0.7	4756.70	0	112.00	0.0	1.15	84	2.00	0.64	336.20	1.20	JS
11	8:07	517239	76	3051.5	1.2	4756.70	0	112/160	1.0	0.52	82	6.00	1.08	335.2/458.2	2.20	JS
12	8:24	517315	43	3052.7	0.7	4756.70	0	159.00	1.0	1.30	76/120	2.00	1.14	456.00	1.60	JS
13	8:00	517358	85	3053.4	1.3	4756.70	0	158.00	1.0	1.16	118	3.00	0.75	454.40	3.00	JH
14	10:40	517443	46	3054.7	0.7	4756.70	0	157.00	0.0	1.12	115	7.00	0.87	451.40	1.60	JH
15	9:43	517489	88	3055.4	1.4	4756.70	0	157.00	2.0	1.06	108	5.00	0.71	449.80	2.60	JS
16	9:26	517577	44	3056.8	0.7	4756.70	0	155.00	1.0	1.02	103	6.00	0.64	447.20	1.80	JS
17	9:53	517621	50	3057.5	0.8	4756.70	0	154.00	0.0	0.75	97	2.00	1.52	445.40	1.20	JS
18	9:25	517671	91	3058.3	1.4	4756.70	0	154.00	2.0	0.87	95	7.00	0.54	444.20	3.20	JS
19	9:41	517762	41	3059.7	0.7	4756.70	0	152.00	0.0	0.81	88	2.00	1.20	441.00	1.40	JS
20	9:07	517803	50	3060.4	0.8	4756.70	0	152.00	0.0	0.87	86	4.00	0.42	441.00	2.20	JS
21	10:04	517853	83	3060.4	0	4756.70	0	152.00	1.0	0.85	82	5.00	0.61	437.40	3.80	JS
22	9:49	517936	51	3062.5	0	4756.70	0	151.00	1.0	0.99	77/121	2.00	1.13	432.60	1.10	JS
23	8:07	517987	86	3062.5	2.1	4756.70	0	150.00	1.0	1.15	119	7.00	1.16	431.50	1.30	JS
24	9:55	518073	46	3064.6	0.7	4756.70	-0.4	149.00	1.0	1.21	112	4.00	0.76	430.20	1.80	JS
25	10:04	518119	50	3065.3	0.8	4756.30	0	148.00	1.0	1.12	108	2.00	1.15	428.40	1.00	JS
26	9:38	518169	85	3066.1	1.3	4756.30	0	147.00	2.0	1.08	106	6.00	1.24	427.90	3.40	JS
27	8:00	518254	46	3067.4	0.7	4756.30	0	145.00	0.0	1.15	100	4.00	1.32	424.00	1.00	JH
28	8:00	518300	87	3068.1	1.4	4756.30	0	145.00	1.0	1.13	96	8.00	1.12	423.00	4.40	JH
29	9:54	518387	40	3069.5	0.7	4756.30	0	144.00	1.0	1.05	88	2.00	0.82	419.40	1.20	JS
30	9:22	518427	50	3070.2	0.7	4756.30	0	143.00	0.0	0.90	86	4.00	2.00	418.20	1.60	JS
31	9:36	518477	86	3070.9	1.4	4756.30	0	143.00	1.0	0.86	82	7.00	1.41	416.60	3.00	JS
1	10:30	518563		3072.3		4756.30	0	142.00		1.14	75		1.20	413.60		JS
TOT			2044				0			33.54			34.15			
AVE			64				0			1.02			1.03			
MAX			91				0			1.30			2.00			
MIN			40				0			0.52			0.42			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH **IL0070150**
FOR THE MONTH OF March 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
28-Feb	8:39	263397409.5	127808.6	10062.0	0	24406.10	6.00	108.50	0.5	1.11	95	6.00	1.11	27.00	0.75	JS
1	8:35	263525218.1	108928.6	10062.0	0	24412.10	5.10	108.00	1.0	0.41	89	4.00	0.52	26.25	0.25	JS
2	8:12	263634146.7	93169.3	10062.0	0	24417.20	4.40	107.00	0.5	1.07	85	4.00	0.66	26.00	0.75	JS
3	8:11	263727316.0	139666.4	10062.0	0	24421.60	6.60	106.50	1.5	0.62	81/120	4.00	1.11	25.25	0.25	JS
4	9:37	263866982.4	86951.4	10062.0	0	24428.20	4.10	105.00	1.0	0.79	116	5.00	1.16	25.00	0.50	JS
5	8:13	263953933.8	114804.3	10062.0	0	24432.30	5.40	104.00	1.0	0.75	111	5.00	0.68	24.50	0.75	JS
6	8:56	264068738.1	113984.2	10062.0	0	24437.70	5.80	103.00	1.0	1.25	106	5.00	1.09	23.75	0.50	JS
7	9:13	264182722.3	151788.7	10062.0	0.9	24443.50	6.70	102.00	0.5	1.00	101	5.00	1.04	23.25	0.75	JS
8	8:32	264334511.0	95913.1	10062.9	0	24450.20	4.50	101.50	0.5	1.00	96	5.00	0.52	22.50	0.25	JS
9	8:10	264430424.1	101758.9	10062.9	0	24454.70	4.80	101.00	1.0	1.00	91	5.00	1.10	22.25	0.75	JS
10	8:20	264532183.0	126113.1	10062.9	0	24459.50	5.80	100.00	1.0	0.73	86	6.00	1.58	21.5	0.50	JS
11	9:55	264658296.1	103554.5	10062.9	0	24465.30	4.90	99/160	0.5	0.82	80	4.00	0.90	21 / 50	1.00	JS
12	10:01	264761850.6	110989.5	10062.9	0	24470.20	5.20	159.50	0.5	0.97	76	6.00	0.63	49.00	0.50	JS
13	8:00	264872840.1	114968.6	10062.9	0	24475.40	5.40	159.00	1.0	1.33	70	4.00	1.72	48.50	1.00	JH
14	8:00	264987808.7	127175.8	10062.9	0	24480.80	5.90	158.00	1.0	1.05	66	6.00	1.50	47.50	0.50	JH
15	8:18	265114984.5	121913.5	10062.9	0	24486.70	5.70	157.00	1.0	0.92	60/120	4.00	0.35	47.00	1.00	JS
16	8:09	265236898.0	113814.5	10062.9	0	24492.40	5.30	156.00	2.0	0.60	116	6.00	0.63	46.00	1.00	JS
17	8:09	265350712.5	102655.3	10062.9	0	24497.70	4.90	154.00	0.0	1.02	110	4.00	0.92	45.00	0.25	JS
18	8:07	265453367.8	144193.7	10062.9	0	24502.60	5.30	154.00	0.0	0.64	106	4.00	0.57	44.75	0.75	JS
19	8:14	265597561.5	96112.00	10062.9	0	24507.90	4.50	154.00	1.0	0.35	102	5.00	0.71	44.00	0.75	JS
20	8:20	265663673.5	125314.0	10062.9	0	24512.40	5.90	153.00	0.9	0.86	97	7.00	0.66	43.25	0.75	JS
21	9:19	265788987.5	136113.8	10062.9	0	24518.30	6.30	152.00	2.0	0.99	90	6.00	0.98	42.50	0.50	JS
22	8:31	265925101.3	102187.7	10062.9	0	24524.60	4.90	150.00	1.0	1.01	84	5.00	1.61	42.00	1.0	JS
23	7:57	266027289.0	117072	10062.9	0	24529.50	5.40	149.00	1.0	0.67	79	7.00	0.70	41.00	1.0	JH
24	8:16	266144361.0	119649.7	10062.9	0	24534.90	5.60	148.00	1.0	1.58	72 / 120	4.00	1.33	40.00	0.3	JS
25	8:19	266264010.7	118569.6	10062.9	0	24540.50	5.60	147.00	1.0	1.14	116	7.00	1.04	39.75	0.8	JS
26	8:11	266382580.3	114644.7	10062.9	0	24546.10	5.30	146.00	2.0	0.95	109	5.00	1.20	39.00	1.0	JS
27	8:00	266497225.0	119012.7	10062.9	0	24551.40	5.60	144.00	1.0	1.29	104	6.00	1.87	38.00	0.5	JH
28	8:00	266616237.7	122445.4	10062.9	0	24557.00	5.70	143.00	1.0	1.63	98	6.00	1.09	37.50	1.3	JH
29	8:36	266738683.1	104654.4	10062.9	0	24562.70	4.90	142.00	1.0	1.11	92	6.00	0.98	36.25	0.3	JS
30	8:12	266843337.5	100824.5	10062.9	0	24567.60	4.70	141.00	1.0	0.86	86	5.00	0.83	36.00	0.8	JS
31	8:10	266944176.0	123466.8	10062.9	0	24572.30	5.90	140.00	1.0	0.82	81	6.00	1.79	35.25	0.3	JS
1	8:50	267007642.8		10062.9		24578.2		139.0		0.8	75/168		2	35.00	0.25	JS
TOT			3576753				166			31.10			34.43			
AVE			115379				5			0.94			1.04			
MAX			151789				7			1.63			1.87			
MIN			86951				4			0.35			0.35			

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VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF March 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	0.52		1.32	Gas Station	0.40		1.11	Tower	0.8		0.62	JS			0.58	0.66	0.67
2	Tower	1.07		0.66	Tower	0.59		1.27	Tower	0.75		1.19	JS			0.85	0.66	0.80
3	Village Hall	0.21		1.46	Auto Garage	0.54		1.29	Tower	1.00		0.81	JS			0.46	0.68	0.75
4	Tower	0.79		1.16	Tower	0.65		1.13	Tower	0.94		1.4	JS			1.50	0.72	0.69
5	Tower	0.75		0.68	Tower	0.62		1.1	Tower	0.9		1.24	JS			1.20	0.73	0.72
6																0.66	0.71	0.72
7																0.95	0.75	0.68
8	Elm School	0.66		1.24	Gas Station	0.41		1.14	Tower	0.93		1.29	JS			1.20	0.80	0.82
9	Tower	1.00		1.10	Tower	0.64		1.14	Tower	0.85		1.25	JS			0.87	0.55	0.59
10	Tower	0.73		1.58	Auto Garage	0.48		1.41	Tower	0.86		1.24	JS			1.40	0.67	0.65
11	Village Hall	0.24		1.42	Tower	0.64		1.16	Tower	0.88		1.65	JS			1.00	0.56	0.68
12	Tower	0.97		0.63	Tower	0.62		1.10	Tower	0.79		1.28	JS			0.97	0.77	0.83
13																0.57	0.71	0.68
14																1.00	0.59	0.25
15	Elm School	0.57		1.12	Gas Station	0.31		0.93	Tower	0.78		0.63	JS			0.84	0.72	0.86
16	Tower	0.60		0.63	Tower	0.75		0.81	Tower	0.92		0.76	JS			0.93	0.63	0.67
17	Village Hall	0.15		1.48	Auto Garage	0.34		1.14	Tower	0.6		0.93	JS			0.99	0.57	0.68
18	Tower	0.64		0.57	Tower	0.63		0.69	Tower	0.63		1.40	JS			1.20	0.68	0.72
19	Tower	0.35		0.71	Towetr	0.84		0.97	Tower	0.71		1.38	JS			0.99	0.62	0.68
20																0.59	0.49	0.62
21																1.00	0.52	0.61
22	Elm School	0.65		1.36	Gas Station	0.40		1.23	Tower	0.69		1.37	JS			1.40	0.68	0.68
23	Tower	0.63		0.53	Tower	0.95		1.07	Tower	1.11		1.16	JH			1.40	0.84	0.85
24	Village Hall	0.29		1.46	Auto Garage	0.41		1.38	Tower	0.82		1.35	JS			1.40	0.74	0.82
25	Tower	1.14		1.04	Tower	0.79		1.11	Tower	0.75		1.51	JS			0.88	0.92	0.85
26	Tower	0.95		1.2	Tower	0.75		1.05	Tower	0.73		1.27	JS			1.30	0.98	1.00
27																1.00	0.89	0.71
28																1.50	0.75	0.22
29	Elm School	0.64		1.51	Gas Station	0.39		1.05	Tower	0.78		1.34	JS			1.10	0.89	0.81
30	Tower	0.86		0.83	Tower	0.74		1.10	Tower	0.80		1.46	JS			1.30	0.85	0.91
31	Village Hall	0.09		1.56	Auto Garage	0.46		1.27	Tower	0.86		0.86	JS			1.50	0.85	0.85
1																		

Signature: Jon Stear
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