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

January 29, 2021

Client: Village of Poplar Grove
Attn: Owen Costanza, 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 January 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.

North WWTP:

- Did inventory check before surgery to ensure all spare parts we think we would need are in stock and in working order.
- Decanted digesters, pulled EQ pump to unclog, have been trying to diagnose intermittent problem with an EQ Pump.

Water System:

- Replaced chemical pump at well 2. Ran well 2 to waste and checked chemicals that they are still with in standard range so in the event we need to use the well we can.
- IEPA collected a raw water sample from each well for a data package they are putting together down state for the PFAS Statewide investigation network. Information on that can be found at www2.illinois.gov/epa/topics/water-quality/pfas

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 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/25/21**	**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								=	120.0			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								=	210.0			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	=	0.243	=	0.302	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:	2021-01-18 13:42 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-01-19 14:38 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**IL0023451**	**Permittee:**	**POPLAR GROVE, VILLAGE OF**	**Facility:**	**POPLAR GROVE - NORTH WWTP, VILLAGE OF**
Major:	No	**Permittee Address:**	PO BOX 1 POPLAR GROVE, IL 61065	**Facility Location:**	205 EDSON RD POPLAR GROVE, IL 61065
Permitted Feature:	001 External Outfall	**Discharge:**	**001-0** STP OUTFALL		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/25/21**	**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	1	–	Sample						=	8.53	=	7.77	=	6.91	19 - mg/L		02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MO AV MN	>=	4.5 MN WK AV	>=	4.0 DAILY MN	19 - mg/L	0	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	–	Sample						=	6.87			=	7.67	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	=	15.76	=	47.54	26 - lb/d			<	6.3	=	19.0	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	1	–	Sample	=	0.423	=	0.793	26 - lb/d			=	0.169	=	0.317	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	42.0 MO AVG	<=	56.0 DAILY MX	26 - lb/d			<=	4.0 MO AVG	<=	5.4 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	=	0.3	=	0.413	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										<	0.02	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	<	7.0	<	7.51	26 - lb/d			<	2.8	<	3.0	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:	2021-01-18 13:47 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR

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 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/25/21**	**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								=	101.0			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								=	159.0			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								=	5.2	=	9.37	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	=	0.12	=	0.184	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:	2021-01-18 13:50 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-01-26 13:09 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	IL0071447	**Permittee:**	POPLAR GROVE, VILLAGE OF	**Facility:**	POPLAR GROVE SOUTH STP, VILLAGE OF
Major:	Yes	**Permittee Address:**	200 S HILL ST POPLAR GROVE, IL 61065	**Facility Location:**	12211 STATE ROUTE 76 POPLAR GROVE, IL 61065
Permitted Feature:	001 External Outfall	**Discharge:**	001-0 STP OUTFALL		

Report Dates & Status

Monitoring Period:	From 12/01/20 to 12/31/20	**DMR Due Date:**	01/25/21	**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	Quantity or Loading Value 1	Quantity or Loading Qualifier 2	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Qualifier 1	Quality or Concentration Value 1	Quality or Concentration Qualifier 2	Quality or Concentration Value 2	Quality or Concentration Qualifier 3	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	–	Sample						=	9.626	=	8.47	=	7.75	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MO AV MN	>=	4.5 MN WK AV	>=	4.0 DAILY MN	19 - mg/L	0	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	–	Sample						=	7.08			=	7.96	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	<	6.1	<	17.9	26 - lb/d			<	3.4	<	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								=	5.23	=	5.23	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	2	–	Sample	=	0.114	=	0.208	26 - lb/d			=	0.06738	=	0.116	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	83.0 MO AVG	<=	108.0 DAILY MX	26 - lb/d			<=	4.0 MO AVG	<=	5.2 DAILY MX	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	0	–	Sample	=	2.69			26 - lb/d			=	1.5			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	1	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Sample	=	0.215	=	0.378	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										<	0.02	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	<	5.81	=	8.97	26 - lb/d			<	3.13	=	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

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00665	Phosphorus, total [as P]	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. (Error Code: 1)	Yes

Comments

Attachments

No attachments.

VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF 2020 **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-Nov	8:00	31777.8	47	7085.80	0	112.00	0.0	1.45	98	3.00	2.31	422.00	1.80	JH
1	9:04	31782.5	4.2	7086.81	0.98	112.00	1.0	0.99	95	2.00	1.07	420.20	1.50	JS
2	9:17	31786.7	5.1	7087.79	1.13	111.00	0.0	1.01	93	3.00	0.88	418.70	1.60	JS
3	8:45	31791.8	5	7088.92	1.12	111.00	2.0	1.02	90	1.00	0.89	417.10	1.90	JS
4	9:02	31796.8	5	7090.04	1.14	109.00	0.5	1.00	89	2.00	0.93	415.20	1.60	JS
5	8:34	31801.8	4.3	7091.18	0.97	108.50	0.5	0.91	87	1.00	1.03	413.60	1.60	JS
6	8:53	31806.1	4.6	7092.15	1	108.00	0.0	0.86	86	3.00	1.06	412.00	1.50	JS
7	8:49	31810.7	5.8	7093.15	1.33	108.00	1.0	0.99	83	2.00	0.92	410.50	2.10	JS
8	8:54	31816.5	2.7	7094.48	0.61	107.00	0.0	0.82	81	1.00	2.00	408.40	1.00	JS
9	8:00	31819.2	5.2	7095.09	1.15	106.00	1.0	0.87	80	5.00	0.16	407.40	1.70	JH
10	9:17	31824.4	5.6	7096.24	1.29	106.00	1.0	1.11	75 / 140	4.00	2.00	405.70	2.00	JS
11	9:02	31830.0	2.4	7097.53	0.51	105.00	0.5	0.90	136	2.00	2.46	403.70	1.00	JS
12	8:04	31832.4	4.3	7098.04	1.01	104.50	0.5	0.97	134	2.00	1.89	402.70	1.30	JH
13	8:00	31836.7	7.2	7099.05	1.58	104.00	1.0	0.89	132	1.00	1.55	401.40	2.30	JH
14	8:48	31843.9	4.9	7100.63	0.53	103.00	0.5	0.89	131	4.00	0.94	399.10	1.60	JS
15	8:56	31848.8	4.5	7101.16	1.61	102.50	0.5	1.04	127	2.00	0.93	397.50	1.70	JS
16	8:39	31853.3	4.6	7102.77	1.01	102.00	1.0	1.11	125	2.00	1.17	395.80	1.80	JS
17	8:55	31857.9	4.4	7103.78	1.09	101.00	0.5	0.87	123	3.00	0.53	394.00	1.40	JS
18	8:33	31862.3	4.4	7104.87	0.93	100.50	0.5	0.98	120	1.00	1.13	392.60	1.70	JS
19	8:35	31866.7	5	7105.80	0.39	100.00	1.0	0.85	119	1.00	0.82	390.90	1.50	JS
20	10:31	31871.7	4.1	7106.19	1.88	99.00	0.5	0.99	118	3.00	1.07	389.40	1.80	JS
21	8:58	31875.8	5.6	7108.07	1.01	98.50	0.5	0.92	115	2.00	0.85	387.60	1.50	JS
22	8:54	31881.4	3.7	7109.08	0.74	98.00	1.0	1.02	113	2.00	1.00	386.10	1.40	JS
23	8:52	31885.1	5.7	7109.82	1.45	97.00	0.0	0.99	111	3.00	1.06	384.70	1.80	JS
24	8:29	31890.8	50	7111.27	1.06	97.00	0.5	0.93	108	2.00	1.12	382.90	1.70	JS
25	8:33	31895.8	53	7112.33	1.17	96.50	1.5	0.91	106	2.00	1.26	381.20	2.10	JS
26	12:30	31901.1	4.8	7113.50	1	95.00	0.0	0.94	104	2.00	1.09	379.10	1.60	JH
27	8:00	31905.9	4.8	7114.50	1.19	95.00	1.0	0.88	102	4.00	0.40	377.50	1.80	JH
28	8:57	31910.7	5.1	7115.69	1.13	94.00	0.0	0.93	98	4.00	1.24	375.70	1.60	JS
29	8:49	31915.8	5.5	7116.82	1.19	94.00	1.0	0.87	94	4.00	1.48	374.10	2.10	JS
30	9:26	31921.3	4.4	7118.01	1.02	93.00	1.0	0.77	90	3.00	1.54	372.00	369.00	JS
31	8:36	31925.7	-31925.7	7119.03	-7119.03	92.00		0.91	87		1.64	3.00	370.50	JS
TOT			283					30.59			38.42			
AVE			9					0.96			1.20			
MAX			53					1.45			2.46			
MIN			2					0.77			0.16			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH **IL0070300**
FOR THE MONTH OF 2020 **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-Nov	8:00	510621	39	2947.8	0.6	4756.70	0	149.00	0.3	1.70	76	2.00	1.20	436.80	1.00	JH
1	10:05	510660	95	2948.4	1.5	4756.70	0	148.75	1.3	0.91	74	8.00	1.21	435.80	4.00	JS
2	10:02	510735	43	2949.9	0.7	4756.70	0	147.50	0.5	0.90	66 / 110	3.00	0.80	431.80	1.20	JS
3	9:39	510798	54	2950.6	0.8	4756.70	0	147.00	1.0	0.99	107	3.00	0.88	430.60	2.00	JS
4	10:03	510852	86	2951.4	1.4	4756.70	0	146.00	1.0	0.54	104	5.00	1.22	428.60	0.00	JS
5	9:07	510938	50	2952.8	0	4756.70	0	145.00	0.0	0.97	99	3.00	1.22	426.00	1.80	JS
6	9:22	510988	89	2953.6	1.3	4756.70	0	145.00	1.0	0.88	96	6.00	2.00	424.20	3.40	JS
7	9:43	511077	50	2954.9	0.8	4756.70	0	144.00	1.0	0.63	90	3.00	0.73	420.80	1.40	JS
8	9:20	511127	50	2955.7	1.4	4756.70	0	143.00	1.0	0.32	87	5.00	2.00	419.40	2.80	JS
9	9:41	511214	77	2957.1	1.2	4756.70	0	142.00	1.0	0.61	82	5.00	1.09	416.60	2.60	JH
10	8:30	511291	41	2958.3	0.6	4756.70	0	141.00	0.5	0.80	77	1.00	1.40	414.00	1.20	JS
11	9:54	511332	51	2958.9	0.8	4756.70	0	140.50	1.5	0.82	76 /120	2.00	0.98	412.80	1.80	JS
12	7:37	511383	76	2959.7	1.4	4756.70	0	139.00	1.0	0.87	118	2.00	0.96	411.00	3.00	JH
13	6:50	511470	85	2961.1	1.3	4756.70	0	138.00	0.5	0.89	116	7.00	1.25	408.00	2.80	JH
14	9:57	511555	46	2962.4	0.7	4756.70	0	137.50	0.5	0.84	109	4.00	1.59	405.20	1.80	JS
15	9:49	511601	92	2963.1	1.5	4756.70	0	137.00	1.0	0.84	105	4.00	0.98	403.40	3.40	JS
16	9:30	511693	43	2964.6	0.6	4756.70	0	136.00	1.0	1.88	101	1.00	1.01	400.00	1.60	JS
17	9:59	511736	52	2965.2	0.8	4756.70	0	135.00	0.0	0.93	100	4.00	0.29	398.40	1.80	JS
18	9:38	511788	87	2966.0	1.4	4756.70	0	135.00	1.0	0.78	96	4.00	0.92	396.60	2.80	JS
19	9:06	511875	50	2967.4	0.8	4756.70	0	134.00	1.0	0.92	92	3.00	0.93	393.80	2.00	JS
20	10:45	511925	86	2968.2	1.3	4756.70	0	133.00	1.0	0.50	89	5.00	1.09	391.80	2.80	JS
21	9:55	512011	58	2969.5	0.9	4756.70	0	132.00	1.0	0.85	84	3.00	0.52	389.00	2.00	JS
22	9:39	512069	50	2970.4	0.8	4756.70	0	131.00	0.5	0.64	81	3.00	1.00	387.00	2.00	JS
23	9:54	512119	88	2971.2	1.4	4756.70	0	130.50	0.5	0.93	73 120	5.00	0.90	385.00	2.60	JS
24	8:55	512207	52	2972.6	0.8	4756.70	0	130.00	1.0	0.87	115	5.00	0.83	392.40	1.80	JS
25	9:08	512259	89	2973.4	1.4	4756.70	0	129.00	1.0	0.86	110	4.00	0.55	386.60	1.40	JS
26	11:45	512348	52	2974.8	0.8	4756.70	0	128.00	1.0	0.85	106	4.00	1.06	377.20	1.80	JH
27	8:00	512400	0	2975.6	1.3	4756.70	0	127.00	1.0	0.99	102	4.00	1.04	375.40	2.80	JH
28	9:48	512486	88	2976.9	1.4	4756.70	0	126.00	1.0	0.77	98	5.00	0.54	372.60	3.60	JS
29	9:46	512574	48	2978.3	0.7	4756.70	0	125.00	1.0	0.84	93	2.00	0.98	369.00	1.20	JS
30	9:55	512622	52	2979.0	0.9	4756.70	0	124.00	0.0	0.84	91	4.00	0.50	367.80	2.20	JS
31	10:04	512674		2979.9		4756.70	0	124.00		0.79	87		0.95	365.60		JS
1																
TOT			1919				0			27.75			32.62			
AVE			62				0			0.87			1.02			
MAX			95				0			1.88			2.00			
MIN			0				0			0.32			0.29			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH **IL0070150**
FOR THE MONTH OF 2020 **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-Nov	8:00	253209658.9	107048.1	10062.1	0	23929.00	4.80	149.00	1.0	0.76	78	5.00	1.32	45.00	0.3	JH
1	8:33	253316707.0	115102	10062.1	0	23933.80	5.60	148.00	1.0	1.03	73	6.00	1.54	44.75	0.8	JS
2	8:44	253431809.0	100972.4	10062.1	0	23939.40	4.70	147.00	1.0	0.94	67	5.00	0.62	44.00	0.0	JS
3	8:19	253532781.4	97418.2	10062.1	0	23944.10	4.50	146.00	2.0	1.09	62 /120	3.00	0.60	44.00	0.8	JS
4	8:16	253630199.6	97828.6	10062.1	0	23948.60	4.60	144.00	0.0	0.92	117	4.00	0.53	43.25	0.3	JS
5	8:19	253728028.2	103714.9	10062.1	0	23953.20	4.70	144.00	1.0	0.83	113	5.00	0.54	43.00	0.5	JS
6	8:33	253831743.1	135336	10062.1	0	23957.90	6.30	143.00	2.0	0.86	108	7.00	0.50	42.50	0.5	JS
7	8:25	253967079.1	98104	10062.1	0	23964.20	4.40	141.00	1.0	1.17	101	4.00	1.02	42.00	0.3	JS
8	8:20	254065183.1	99715.3	10062.1	0	23968.60	4.80	140.00	1.0	0.91	97	1.00	2.00	41.75	0.8	JS
9	8:41	254164898.4	105688.7	10062.1	0	23973.40	4.90	139.00	1.0	0.72	96	1.00	1.55	41.00	0.5	JH
10	9:54	254270587.1	105405.7	10062.1	0	23978.30	4.90	138.00	1.0	0.96	95	0.00	0.77	40.50	0.5	JS
11	8:13	254375992.8	109514.4	10062.1	0	23983.20	5.20	137.00	1.0	1.00	95	0.00	0.31	40.00	0.0	JS
12	8:20	254485507.2	107947.8	10062.1	0	23988.40	4.90	136.00	2.0	1.04	95	3.00	0.24	40.00	1.0	JH
13	6:20	254593455.0	134353.1	10062.1	0	23993.30	6.30	134.00	1.0	1.01	92	2.00	0.38	39.00	0.3	JH
14	8:12	254727808.1	100404.9	10062.1	0	23999.60	4.70	133.00	1.0	1.11	90	2.00	0.57	38.75	0.5	JS
15	8:30	254828213.0	118277.2	10062.1	0	24004.30	5.50	132.00	1.0	0.99	88	4.00	0.34	38.25	0.3	JS
16	8:16	254946490.2	103840.1	10062.1	0	24009.80	4.80	131.00	1.0	0.86	84	3.00	0.89	38.00	1.0	JS
17	8:10	255050330.3	100719.2	10062.1	0	24014.60	4.70	130.00	1.0	0.93	81	3.00	0.75	37.00	0.0	JS
18	8:09	255151049.5	97901.6	10062.1	0	24019.30	4.50	129.00	1.0	1.05	78	3.00	0.61	37.00	0.5	JS
19	8:20	255248951.1	130724.5	10062.1	0	24023.80	6.10	128.00	2.0	0.84	75	5.00	0.40	36.50	0.5	JS
20	10:18	255379675.6	105081.2	10062.1	0	24029.90	4.90	126.00	1.0	1.01	70	4.00	0.70	36.00	0.5	JS
21	8:28	255484756.8	118660.2	10062.1	0	24034.80	5.50	125.00	1.0	0.75	66 / 120	4.00	0.49	35.50	0.5	JS
22	8:21	255603417.0	105190.6	10062.1	0	24040.30	4.90	124.00	1.0	0.94	116	3.00	0.95	35.00	0.3	JS
23	8:12	255708607.6	102331.6	10062.1	0	24045.20	4.80	123.00	1.0	0.99	113	5.00	0.42	34.75	0.5	JS
24	8:11	255810939.2	133903.6	10062.1	0	24050.00	6.20	122.00	1.0	0.80	108	5.00	0.73	34.25	0.3	JS
25	8:10	255944842.8	141274.2	10062.1	0	24056.20	8.60	121.00	2.0	0.99	103	5.00	0.88	34.00	1.0	JS
26	8:00	256086117.0	94788.6	10062.1	0	24064.80	2.40	119.00	1.0	1.05	98	6.00	0.64	33.00	0.0	JH
27	8:00	256180905.6	124407.3	10062.1	0	24067.20	5.80	118.00	1.0	0.78	92	4.00	0.42	33.00	0.5	JH
28	8:25	256305312.9	101849.7	10062.1	0	24073.00	4.80	117.00	2.0	1.09	88	3.00	0.60	32.50	0.5	JS
29	8:25	256407162.6	127080.7	10062.1	0	24077.80	6.00	115.00	1.0	0.93	85	5.00	1.03	32.00	0.8	JS
30	8:31	256534243.3	99329.5	10062.1	0	24083.80	4.60	114.00	0.0	1.03	80 120	3.00	0.70	31.25	0.3	JS
31	8:07	256633572.8		10062.1		24088.40		114.00		0.98	117		0.51	31.00		JS
TOT			3423914				159			30.36			23.55			
AVE			110449				5			0.95			0.74			
MAX			141274				9			1.17			2.00			
MIN			94789				2			0.72			0.24			

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VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF 2020
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	1.03		1.54	Tower	0.76		0.95	Tower	0.80		1.68	JS			0.64	0.93	0.92
2	Elm School	0.70		1.27	Gas Station	0.39		0.80	Tower	0.70		1.45	JS			0.90	0.83	0.84
3	Tower	1.09		0.60	Tower	0.73		0.88	Tower	0.70		1.31	JS			1.10	0.85	0.88
4	Village Hall	0.24		1.57	Auto Garage	0.75		0.91	Tower	0.76		1.42	JS			0.21	0.75	0.86
5																0.32	0.90	2.00
6																0.37	0.83	0.92
7	Tower	1.17		1.02	Tower	0.43		1.83	Tower	0.21		1.56	JS			0.91	0.81	0.84
8	Elm School	0.73		2.00	Gas Station	0.35		2.61	Tower	0.74		2.00	JS			0.28	0.87	0.81
9	Village Hall	0.10		2.00	Auto Garage	0.53		2.38	Tower	0.67		2.00	JS			1.20	1.30	0.98
10	Tower	0.96		0.77	Tower	0.78		2.48	Tower	0.63		2.36	JS			1.20	0.99	0.90
11	Tower	0.79		1.46	Tower	0.79		2.34	Tower	0.62		2.02	JS			1.20	0.91	0.81
12																0.92	0.42	0.80
13																0.71	0.84	0.81
14	Tower	1.11		0.57	Gas Station	0.35		1.25	Tower	0.65		1.26	JS			0.30	0.90	0.89
15	Elm School	0.67		0.78	Tower	0.73		1.02	Tower	0.64		1.24	JS			0.85	0.82	0.90
16	Tower	0.86		0.89	Tower	0.71		1.09	Tower	0.6		1.06	JS			1.00	0.85	0.87
17	Village Hall	0.19		1.25	Auto Garage	0.52		1.21	Tower	0.58		0.67	JS			0.35	0.70	0.96
18	Tower	1.05		0.61	Tower	0.69		1.04	Tower	0.61		0.67	JS			0.31	0.80	0.79
19																0.51	0.95	2.00
20																0.31	0.80	2.00
21	Elm School	0.31		1.00	Tower	0.58		0.88	Tower	0.62		1.06	JS			0.78	0.85	1.00
22	Tower	0.94		0.95	Gas Station	0.49		0.89	Tower	0.54		1.22	JS			0.72	0.81	0.90
23	Village Hall	0.04		1.75	Auto Garage	0.63		1.10	Tower	0.62		1.64	JS			0.33	0.87	0.87
24																0.24	0.80	0.23
25																0.31	0.73	1.30
26																0.75	0.80	0.75
27																0.60	0.83	0.26
28	Tower	1.09		0.60	Gas Station	0.29		0.91	Tower	0.56		0.93	JS			0.54	0.79	0.91
29	Elm School	0.72		1.33	Tower	0.75		1.53	Tower	0.51		0.89	JS					
30	Village Hall	0.05		1.61	Auto Garage	0.58		1.19	Tower	0.52		0.95	JS					
31	Tower	0.98		0.51	Tower	0.72		1.1	Tower	0.55		0.66	JS					
1																		

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