December 3, 2020

TEST Inc.
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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 three locations

Enclosed you will find the daily inspection and monitoring reports for each water plant, the distribution system testing record.

Outlined below is the flow at each wastewater plant and the actions taken during the past month in Poplar Grove to improve the facilities equipment.

Wastewater flow information:

South Wastewater Plant Discharge Totals (October 2020)

Influent:	Total:	3.720	MG	**Effluent:**	Total:	6.51	MG
	Ave:	0.120	MGD		Ave:	0.210	MGD

North Wastewater Plant Discharge Totals (October 2020)

Influent:	Total:	10.168	MG	**Effluent:**	Total:	10.013	MG
	Ave:	0.328	MGD		Ave:	0.323	MGD

Improvements Completed November 2020

Lift Stations:

- Rush Power has come out and did all the PMs on the lift station generators. They did some repairs as well and recommended some repairs that we can handle our self's.
- Changed out a pump controller at countryside lift station.
- Changed Antifreeze on generator at countryside lift station.
- Changed all the batteries in the emergency dialers.
- All pumps manually tested.
- Dry wells have been inspected.
- Inspected wet well areas & floats and cleaned as needed.
- All routine checks and tests performed for the month.
- Tested all alarm functions on lift stations to insure there working as they should.
- Test ran all generators under load to insure they will work when needed.
- Changed block heater at Waco lift station.

North WWTP:

- Rush Power came and did the PMs on the generators and load tested them.
- Found and band aided a wasting pump not working for SBR1 and got proper parts ordered to fix

it.

- Changed the oil in the blowers that need it.
- Cleaned sludge and "re-sanded" both sand filters.
- Took disc filter offline, cleaned and prepped it for future use as need be.
- Changed all the batteries in the dialers and thermostats.
- All process control testing has been don't to insure the ideal operation of the plant.
- Cleaned spray nozzles on inlet screen.
- Excised/ cleaned all emergency eye and body wash stations.
- Cleaned rags and build up out of inlet screen.
- Decanted digesters.
- Exercised portable generators.
- All Required IEPA testing and reporting was completed for the month.

South WWTP:

- Pulled Rush power came and did the PM on the generator and Load tested it.
- Changed all the batteries in the thermostats and emergency dialers.
- Drained all the water out of airline to prevent freezing air lines.
- Fixed bad GFI on the digester tanks which fixed the rest of the outlets.
- Cleaned scum out of sand filter channels.
- Exercised/ cleaned all emergency eye and body wash stations.
- All process control has been done to ensure the plant is running optimum.
- Transferred sludge to Digester #3 from Digester 1 and 2 to thicken.
- Decanted all 3 digesters.
- All Required IEPA testing and reporting was completed for the month.

Water System:

- Changed thermoset at well 3.
- Changed CL2 Pump at well 3.
- Changed CL2 injector and inlet pipe at well 3.
- Fixed soffit and fascia at well 3 that blew off.
- Went through all our spare Chemical pumps and made they all work if need be.
- Hawkins came and filled up all of our chemicals.
- Clean all dust and cobwebs from well houses.
- Tested/ cleaned all emergency eye and body wash stations.
- All water plant numbers and chemicals were checked daily and adjusted if necessary.
- All required IEPA testing and reporting was completed during the past month.
- All normal checks and cleaning were done at the well house and towers, garbage emptied, Thermostats checked for working order.

All operations and plant inspections have been performed by me or under my direct supervision. If you have any questions concerning the above, please do not hesitate to contact me.

Submitted by,
Total Environmental Service Technologies, Inc.

15
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 10/01/20 to 10/31/20	DMR Due Date:	11/25/20	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						<	63.4					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						=	82.0					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	=	0.328	=	0.544	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:	2020-11-23 11:58 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-11-30 10:50 (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 10/01/20 to 10/31/20	**DMR Due Date:**	11/25/20	**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	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						=	8.01	=	6.9	=	4.5	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						=	7.54			=	7.77	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	<	81.0	=	566.0	26 - lb/d	<	30.0	=	210.0	19 - mg/L			02/DA - 2 Days Every Week	CP - COMPOS	
					Permit Req.	<=	125.0 MO AVG	<=	250.0 DAILY MX	26 - lb/d	<=	12.0 MO AVG	<=	24.0 DAILY MX	19 - mg/L		3	02/DA - 2 Days Every Week	CP - COMPOS	
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	<	0.245	=	0.4	26 - lb/d	<	0.091	=	0.153	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	=	0.323	=	0.375	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										=	20.0	13 - #/100mL		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon DAILY MX	13 - #/100mL	0	01/30 - Monthly	GR - GRAB
					Value NODI															
X 80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	<	78.0	=	280.0	26 - lb/d	<	29.0	=	104.0	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		3	02/DA - 2 Days Every Week	CP - COMPOS	
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00530	Solids, total suspended	1 - Effluent Gross	Quantity or Loading Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. (Error Code: 1)	Yes
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. (Error Code: 1)	Yes
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. (Error Code: 1)	Yes
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	Quantity or Loading Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. (Error Code: 1)	Yes
80082	BOD, carbonaceous [5 day, 20 C]	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
80082	BOD, carbonaceous [5 day, 20 C]	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. (Error Code: 1)	Yes

Comments

We are confident that the samples were marked incorrectly before sent to the lab. Influent and effluent samples switched.

Attachments

No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User:	ebumgarner
Name:	Elaine Bumgarner
E-Mail:	ebumgarner@testinc.com
Date/Time:	2020-11-25 07:45 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-11-30 10:50 (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:	INF Influent Structure	**Discharge:**	**INF-L** INFLUENT MONITORING		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 10/31/20**	**DMR Due Date:**	**11/25/20**	**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						=	86.0					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						=	124.0					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						=	4.92	<=	6.34			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	=	0.147	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:	2020-11-23 12:46 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-11-30 10:50 (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 10/01/20 to 10/31/20**	**DMR Due Date:**	**11/25/20**	**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
X 00300	**Oxygen, dissolved [DO]**	1 - Effluent Gross	1	--	Sample						=	6.97	=	5.76	=	3.97	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	1	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	6.9			=	7.66	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	=	10.33	=	21.0	26 - lb/d			=	5.9	=	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								=	0.0	=	0.0	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	=	0.12	=	0.12	26 - lb/d			<	0.069	=	0.309	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			=	0.29	26 - lb/d					=	0.164	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	=	0.79			26 - lb/d			=	0.45			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	=	0.21	=	0.304	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															
					Sample										=	10.0	13 - #/100mL		03/DW - 3 Days Every Week	GR - GRAB

74055	Coliform, fecal general	1 - Effluent Gross	0	--	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	<	6.43	<	10.5	26 - lb/d	<	3.67	<	6.0	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		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00300	Oxygen, dissolved [DO]	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. (Error Code: 1)	Yes

Comments

If we were to round it, it would be with in the limit.

Attachments

No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-11-30 10:45 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-11-30 10:50 (Time Zone: -06:00)

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-Sep	8;42	214729	58	7017.80	1.28	109.00	0.0	0.81	86 / 140	2.00	1.10	374.30	1.80	JS
1	8:35	314787	60	7019.08	1.32	109.00	0.5	0.76	138	3.00	1.15	372.50	2.00	JS
2	8:42	314847	60	7020.40	0.71	108.50	1.0	0.72	135	3.00	1.07	370.50	1.90	JS
3	9:12	314907	5	7021.11	0.74	107.50	0.0	0.78	132	0.00	0.95	368.60	0.50	JS
4	8:47	314912	61	7021.85	1.32	107.50	0.5	0.74	132	3.00	0.97	368.10	1.80	JS
5	8:30	314973	59	7023.17	1.34	107.00	0.0	0.74	129	3.00	0.98	366.30	2.00	JS
6	8:41	315032	61	7024.51	1.32	107.00	1.0	1.10	126	3.00	1.11	364.30	2.10	JS
7	8:46	315093	55	7025.83	1.28	106.00	2.0	1.18	123	2.00	1.05	362.20	1.80	JS
8	8:44	315148	134	7027.11	2.96	104.00	2.0	1.04	121	6.00	0.90	360.40	4.30	JS
9	8:56	315282	58	7030.07	1.28	102.00	1.0	0.96	115	2.00	1.16	356.10	1.90	JS
10	8:53	315340	57	7031.35	0.77	101.00	1.0	1.07	113	3.00	1.13	354.20	1.80	JS
11	8:47	315397	9	7032.12	0.69	100.00	0.0	1.05	110	0.00	0.84	352.40	0.30	JS
12	8:56	315406	92	7032.81	1.45	100.00	1.5	1.04	110	5.00	1.14	352.10	3.00	JS
13	8:39	315498	38	7034.26	-3.13	98.50	0.5	1.02	105	2.00	1.06	349.10	1.90	JS
14	8:37	315536	80	7031.13	6.32	98.00	1.0	0.98	103	2.00	0.98	347.20	2.10	JS
15	8:49	315616	61	7037.45	1.33	97.00	1.0	1.06	101	3.00	1.21	345.10	1.60	JS
16	8:00	315677	0	7038.78	0.01	96.00	0.0	0.86	98	0.00	0.83	343.50	0.00	IS
17	8:00	315677	49	7038.79	1.1	96.00	1.0	0.81	98	2.00	0.84	343.50	2.30	IS
18	9:10	315726	56	7039.89	1.31	95.00	1.0	0.98	96	4.00	1.21	341.20	1.80	JS
19	9:20	315782	62	7041.20	1.39	94.00	1.0	1.05	92	3.00	0.99	339.40	2.00	JS
20	8:45	315844	38	7042.59	0.86	93.00	1.0	0.96	89	1.00	0.90	337.40	1.50	JS
21	8:55	315882	25	7043.45	0.35	92.00	0.0	0.95	88	2.00	0.87	335.90	0.50	JS
22	8:57	315907	53	7043.80	1.29	92.00	0.5	0.96	86	3.00	1.22	335.40	2.00	JS
23	8:49	315960	26	7045.09	0.57	91.50	0.5	1.00	83	1.00	0.94	333.40	0.80	JS
24	9:02	315986	44	7045.66	0.49	91.00	0.5	0.96	82	1.00	0.90	332.60	1.40	JS
25	9:03	316030	59	7046.15	1.81	90.50	1.5	0.87	81	3.00	1.15	331.20	2.00	JS
26	9:01	316089	78	7047.96	1.89	89.00	1.0	1.81	78	3.00	2.00	329.20	2.60	JS
27	8:38	316167	63	7049.85	1.24	88.00	1.0	1.10	75 /121	2.00	0.95	326.60	2.00	JS
28	9:13	316230	30	7051.09	0.62	87.00	0.0	0.88	119	1.00	1.07	324.60	1.30	JS
29	8:50	316260	64	7051.71	1.48	87.00	1.0	0.95	118	2.00	1.07	323.30	2.00	JS
30	8:43	316324	27	7053.19	0.61	86.00	1.0	1.07	116	2.00	0.97	321.30	0.90	JS
31	9:02	316351	63	7053.80	1.42	85.00	1.0	0.93	114	4.00	1.05	320.40	2.20	JS
1	8:00	316414		7055.22	1.07	84.00		1.13	110		1.09	318.20		JS
TOT			1622					32.32			34.85			
AVE			52					0.98			1.06			
MAX			134					1.81			2.00			
MIN			0					0.72			0.83			

SIGNATURE: Ion Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF 2020
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070300
MONTHLY OPERATING REPORT

		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-Sep	9:59	506420	96	2882.4	1.5	4756.70	0	139.00	0.5	0.91	118	3.00	0.94	412.40	3.00	JS
1	9:43	506516	42	2883.9	0.7	4756.70	0	138.50	0.5	0.91	115	3.00	0.85	409.40	1.40	JS
2	9:51	506558	73	2884.6	1.1	4756.70	0	138.00	1.0	0.95	112	2.00	0.78	408.00	2.80	JS
3	9:42	506631	69	2885.7	1.1	4756.70	0	137.00	1.0	0.93	110	3.00	0.96	405.20	2.20	JS
4	9:18	506700	101	2886.8	1.6	4756.70	0	136.00	1.0	0.92	107	5.00	0.45	403.00	3.60	JS
5	9:30	506801	55	2888.4	0	4756.70	0	135.00	1.0	0.85	102	3.00	0.83	399.40	2.00	JS
6	9:38	506856	94	2889.2	1.5	4756.70	0	134.00	1.0	0.95	99	4.00	0.70	397.40	3.00	JS
7	9:39	506950	51	2890.7	0.8	4756.70	0	133.00	1.0	0.85	95	3.00	2.00	394.40	2.00	JS
8	9:54	507001	96	2891.5	1.5	4756.70	0	132.00	1.0	0.97	92	5.00	0.78	392.40	3.20	JS
9	10:05	507097	95	2893.0	1.5	4756.70	0	131.00	1.0	0.94	87/120	3.00	0.76	389.20	3.00	JS
10	9:19	507192	44	2894.5	0.6	4756.70	0	130.00	1.0	0.85	117	2.00	0.70	386.20	1.40	JS
11	9:13	507236	96	2895.1	1.5	4756.70	0	129.00	1.0	0.98	115	5.00	0.31	384.80	3.20	JS
12	9:53	507332	95	2896.6	0	4756.70	0	128.00	1.0	0.85	110	5.00	1.50	381.60	3.20	JS
13	9:33	507427	43	2898.1	0.7	4756.70	0	127.00	1.0	0.87	105	1.00	0.99	378.40	1.60	JS
14	9:31	507470	82	2898.8	1	4756.70	0	126.00	1.0	0.70	104	4.00	0.97	376.80	2.80	JS
15	9:53	507552	67	2899.8	1.3	4756.70	0	125.00	1.0	1.03	100	2.00	0.95	374.00	2.00	JS
16	8:00	507619	74	2901.1	1.1	4756.70	0	124.00	1.0	0.96	98	4.00	0.65	372.00	2.80	JS
17	8:00	507693	44	2902.2	0.7	4756.70	0	123.00	1.0	1.00	94	3.00	0.71	369.20	1.60	JS
18	9:38	507737	85	2902.9	1.4	4756.70	0	122.00	1.0	0.97	91	5.00	0.60	367.60	3.00	JS
19	10:16	507822	72	2904.3	1.1	4756.70	0	121.00	1.0	0.97	86	3.00	0.82	364.60	2.20	JS
20	9:57	507894	51	2905.4	0.8	4756.70	0	120.00	1.0	0.87	83	1.00	0.84	362.40	1.60	JS
21	9:36	507945	89	2906.2	0	4756.70	0	119.00	1.0	1.01	82	5.00	0.90	360.80	1.00	JS
22	9:52	507997	45	2907.0	1.4	4756.70	0	118.00	1.0	1.03	77	3.00	0.67	359.00	2.80	JS
23	9:41	508086	52	2908.4	0.7	4756.70	0	117.00	1.0	1.00	74 / 120	2.00	0.94	356.20	1.60	JS
24	9:27	508131	90	2909.1	0.8	4756.70	0	116.00	1.0	1.01	118	3.00	0.49	354.60	1.60	JS
25	9:30	508183	53	2909.9	1.4	4756.70	0	115.00	0.5	0.90	115	5.00	0.41	353.00	3.00	JS
26	10:09	508273	87	2911.3	0.8	4756.70	0	114.50	0.5	0.97	110	3.00	0.35	350.00	2.00	JS
27	9:40	508326	62	2912.1	1.4	4756.70	0	114.00	1.0	0.94	107	5.00	0.25	348.00	3.00	JS
28	10:09	508413	62	2913.5	0.9	4756.70	0	113.00	1.0	0.91	102	5.00	2.50	345.00	2.20	JS
29	9:44	508475	57	2914.4	0.9	4756.70	0	112.00	1.0	1.00	97	4.00	0.55	342.80	2.00	JS
30	9:51	508532	54	2915.3	9.9	4756.70	0	111.00	0.0	0.81	93	3.00	1.62	340.80	2.00	JS
31	9:31	508586	54	2916.2	1.3	4756.70	0	111.00	2.0	0.98	90	8.00	0.96	338.80	3.00	JS
1	8:00	508675		2917.5	1.3	4756.70	-4756.7	109.00	1.0	1.02	82		0.93	335.80		JS
							0									
TOT			2230				0			30.81			28.66			
AVE			70				0			0.93			0.87			
MAX			101				0			1.03			2.50			
MIN			42				0			0.70			0.25			

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-Sep	8:16	246338595.3	10149	1006.8	0	23611.60	4.60	142.00	1.0	0.84	109	4.00	0.80	43.75	0.8	JS
1	8:11	246348744.3	188435.7	1006.8	0	23616.20	5.40	141.00	1.0	1.22	105	6.00	0.68	43.00	0.0	JS
2	8:10	246537180.0	116346.5	1006.8	0	23621.60	4.40	140.00	1.0	0.71	99	5.00	0.59	43.00	0.8	JS
3	8:34	246653526.5	101539.1	1006.8	0	23626.00	4.70	139.00	0.0	0.63	94	6.00	0.82	42.25	0.3	JS
4	8:26	246755065.6	133665.9	1006.8	0	23630.70	6.10	139.00	1.0	0.48	88	2.00	0.59	42.00	0.8	JS
5	8:05	246888731.5	101115.3	1006.8	0	23636.80	4.70	138.00	0.5	0.48	83	5.00	0.91	41.25	0.3	JS
6	8:14	246989846.8	104125.8	1006.8	0	23641.50	4.80	137.50	0.5	0.54	78 / 120	4.00	0.83	41.00	0.8	JS
7	8:15	247093972.6	126413.7	1006.8	0	23646.30	5.80	137.00	1.0	0.45	116	5.00	1.61	40.25	0.3	JS
8	8:19	247220386.3	100462.0	1006.8	0	23652.10	4.60	136.00	1.0	0.47	111	5.00	0.85	40.00	0.5	JS
9	8:30	247320848.3	117085.8	1006.8	0	23656.70	5.40	135.00	1.0	0.34	106	4.00	1.07	39.50	0.5	JS
10	8:36	247437934.1	112340.5	1006.8	0	23662.10	5.20	134.00	2.0	0.40	102	6.00	1.14	39.00	0.5	JS
11	8:28	247550274.6	129774.4	1006.8	0	23667.30	6.00	132.00	0.5	1.36	96	5.00	0.95	38.50	0.5	JS
12	8:30	247680049.0	120765.7	1006.8	0	23673.30	5.50	131.50	2.0	0.45	91	6.00	0.98	38.00	0.5	JS
13	8:17	247800814.7	98099.7	1006.8	0	23678.80	4.50	129.50	2.0	1.34	85	4.00	1.23	37.50	0.5	JS
14	8:15	247898914.4	102462.1	1006.8	0	23683.30	4.80	127.50	0.5	1.21	81	4.00	0.93	37.00	0.5	JS
15	8:13	248001376.5	99238.5	1006.8	0	23688.10	9.50	127.00	2.0	0.43	77 /120	2.00	0.64	36.50	0.5	JS
16	8:00	248100615.0	117797	1006.8	0	23697.60	0.50	125.00	2.0	0.70	118	3.00	0.54	36.00	0.5	IS
17	8:00	248218412.0	94632.5	1006.8	0	23698.10	4.30	123.00	1.0	0.75	115	9.00	0.68	35.50	0.3	JS
18	8:51	248313044.5	132699.2	1006.8	0	23702.40	6.10	122.00	1.0	0.86	106	5.00	0.83	35.25	0.3	JS
19	9:01	248445743.7	100181.8	1006.8	0	23708.50	4.70	121.00	1.0	0.75	101	6.00	1.56	35.00	0.5	JS
20	8:22	248545925.5	101877.8	1006.8	0	23713.20	4.70	120.00	1.0	1.14	95	4.00	1.27	34.50	0.5	JS
21	8:16	248647803.3	96515.9	1006.8	0	23717.90	4.40	119.00	1.0	1.26	91	5.00	0.59	34.00	0.3	JS
22	8:34	248744319.2	165989.5	1006.8	0	23722.30	7.60	118.00	1.0	0.52	86	7.00	0.82	33.75	0.8	JS
23	8:28	248910308.7	96066.2	1006.8	0	23729.90	4.50	117.00	1.0	0.42	79	3.00	0.75	33.00	0.0	JS
24	8:42	249006374.9	105706.2	1006.8	0	23734.40	4.80	116.00	1.0	0.35	76 / 120	4.00	0.68	33.00	1.0	JS
25	8:48	249112081.1	133104	1006.8	0	23739.20	6.20	115.00	1.0	0.21	116	6.00	0.63	32.00	0.3	JS
26	8:22	249245185.1	108747.2	1006.8	0	23745.40	5.00	114.00	2.0	1.23	110	4.00	0.87	31.75	0.8	JS
27	8:16	249353932.3	101789.6	1006.8	0	23750.40	4.70	112.00	1.0	1.19	106	5.00	0.64	31.00	0.5	JS
28	8:50	249455721.9	142245.2	1006.8	0	23755.10	6.50	111.00	2.0	1.44	101	7.00	0.77	30.50	0.5	JS
29	8:24	249597967.1	136123.1	1006.8	0	23761.60	6.30	109.00	2.0	1.35	94	5.00	1.55	30.00	0.3	JS
30	8:15	249234090.2	134246.8	1006.8	0	23767.90	6.20	107.00	3.0	1.30	89	7.00	1.40	29.75	0.8	JS
31	8:44	249868287.0	132142.0	1006.8	0	23774.10	4.80	104.00	2.0	1.43	82	6.00	1.71	29.00	0.5	JS
1	8:00	250000422.0	112396.4	1006.8		23780.60		102.00		1.43	76		1.13	28.5		
TOT			3529742				163			27.68			31.04			
AVE			113863				5			0.84			0.94			
MAX			188436				10			1.44			1.71			
MIN			10149				1			0.21			0.54			

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VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF 2019
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	1.22		0.68	Tower	0.64		0.91	Tower	0.66		1.37	JS			0.64	0.73	0.89
2	Tower	0.41		0.59	Tower	0.65		1.07	Tower	0.63		1.21	JS			0.93	0.81	0.83
3																0.84	0.76	0.95
4																0.55	0.72	0.79
5	Tower	0.48		0.91	Tower	0.69		1.07	Tower	0.62		1.13	JS			0.97	0.78	0.68
6	Tower	0.54		0.83	Tower	0.96		1.18	Tower	0.64		1.13	JS			0.98	0.91	0.67
7	Tower	0.45		1.61	Tower	0.98		1.07	Tower	0.66		1.31	JS			0.59	0.77	0.80
8	Tower	0.47		0.85	Tower	0.87		1.04	Tower	0.60		1.20	JS			0.74	0.84	0.88
9	Tower	0.34		1.07	Tower	0.84		1.06	Tower	0.58		1.29	JS			1.10	0.84	0.82
10																1.10	0.81	0.82
11																0.70	0.78	2.00
12	Tower	0.45		0.98	Tower	1.01		2.00	Tower	0.63		1.26	JS			0.92	0.84	0.90
13	Tower	1.34		1.23	Tower	0.69		1.06	Tower	0.65		1.28	JS			0.93	0.79	0.91
14	Tower	1.21		0.93	Tower	0.79		1.06	Tower	0.7		1..29	JS			0.58	0.96	0.99
15	Tower	0.43		0.64	Tower	0.90		1.29	Tower	0.57		1.36	JS			0.58	0.82	0.77
16	Tower	0.61		0.71	Tower	0.88		1.04	Tower	0.6		1.00	IS			0.73	0.78	0.76
17																1.00	2.00	0.76
18																0.68	0.76	0.29
19	Tower	0.75		1.56	Tower	0.84		0.96	Tower	0.61		1.45	JS			0.76	0.73	0.88
20	Tower	1.14		1.27	Tower	0.83		0.98	Tower	0.66		1.26	JS			0.80	0.66	0.87
21	Tower	1.26		0.59	Tower	0.91		0.97	Tower	0.62		1.17	JS			1.00	1.00	0.86
22	Tower	0.52		0.82	Tower	0.80		1.14	Tower	0.73		1.19	JS			1.40	0.84	0.83
23	Tower	0.42		0.75	Tower	0.84		1.07	Tower	0.58		1.26	JS			0.82	0.72	0.90
24																0.90	0.72	0.24
25																0.77	0.65	2.80
26	Tower	0.26		0.87	Tower	0.53		1.03	Tower	0.70		1.1	JS			0.68	0.84	2.90
27	Tower	1.19		0.64	Tower	0.88		0.88	Tower	0.62		1.23	JS			0.78	0.93	0.90
28	Tower	1.44		0.77	Tower	0.82		1.03	Tower	0.73		1.22	JS			0.84	0.83	0.81
29	Tower	1.35		1.55	Tower	0.84		0.93	Tower	0.67		1.24	JS			0.54	0.84	0.84
30	Tower	1.07		1.4	Tower	0.79		0.97	Tower	0.69		1.3	JS			0.56	1.10	1.00
31																0.69	0.80	0.25
1																		

Signature: Jon Stear
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