



2323 Fourth Street, PO Box 483 Peru, IL 61354

Phone: 815-224-1650 Toll Free: 800-659-4659

www.testinc.com

April 8, 2025

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 February 2025 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:

- Pulled a pump at Woodstock Road lift station. Sable rebuilt it and reinstalled it.
- Cleaned all transducers.
- Had to pull one of the lift station pumps at the main lift station at north plant it was gummed up with rags.
- Collins is scheduled to come out and clean the grease from all the lift stations.
- We towed the generator to Whiting Road lift station to test under load.
- We changed a bad float at Woodstock Road lift station.
- Made sure we had heaters in all the important lift stations to keep from having thermal issues.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Decanted digesters.
- Tested all emergency wash stations.
- Test ran generator under load for a few hours.
- Replaced the portable water shut off and float.
- We picked up the 2 blowers from W.M. Meyer that were being repaired.
- We had an ice issue in the digester that broke the decant pipe that's plastic. When that happened, we were able to plug the line that it was draining in to. David and I have been talking about a solution to repair the line. The tank will have to be taken offline to fix. At that time, we also plan to change the SAM unit in that digester because it has an electric motor issue.



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- We had the programming guys from Test come out and they are starting to work up a quote for the PLC replacement project. We don't have a hard quote but it's looking like it will be in the 150-160K area.

South WWTP:

- Decanted digesters.
- Moved sludge to drying beds.
- All standard monthly checks/Maintenance/cleaning and producers were completed.
- Tested all emergency wash stations.
- We adjusted the brushes on the influent screen.
- We performed all blower maintenance that's usually due this time of year.
- We replaced the air compressor with a new one at the south plant. The old one had a pump that failed.
- We had an issue that a chain broke on one sand filter and it came off its tracks. We have it back in line and ready to use as soon parts come to replace the chain
- We finished all the prep on the UV channel and plan to install the lights in the next week or so.

Water System:

- Cleaned well houses.
- All daily checks have been completed.
- Cleaned well house in prep for the IEPA inspection.
- We responded to the IEPA inspections. The only issue we had was no spill containment at well 2. I was hoping to let that one sneak through since it is a backup well, and we never use it for community water. The IEPA would still like spill containment under all the chemical barrels. So we will install them.

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

Form Approved OMB No. 2040-0004 expires on 07/31/2026

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the type of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NEDDES/REGULATORY HELP DESK](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit		Permittee:		Facility:		Facility Location:	
Permit #: IL0023451		POPULAR GROVE, VILLAGE OF		POPULAR GROVE - NORTH WWTP, VILLAGE OF		205 EDSON RD	
Major: No		200 NORTH HILL STREET		POPULAR GROVE, IL 61065		POPULAR GROVE, IL 61065	
Permitted Feature:		Discharge:		DMR Due Date:		Status:	
001 External Outfall		001-0 STP OUTFALL		03/25/25		NetDMR Validated	
Report Dates & Status		Monitoring Location		Season		Form NODI:	
Monitoring Period: From 02/01/25 to 02/28/25		1 - Effluent Gross		1		0	
Considerations for Form Completion		BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED MONITORING LOCATION "*" IS MONTHLY AVERAGE AND DAILY MAXIMUM MONITORING LOCATION "8" IS FOR WEEKLY AVERAGE.					
Principal Executive Officer		Title:		Certified Operator		Telephone:	
First Name: Ion		Last Name: Stear				815-224-1650	
No Data Indicator (NODI)		Monitoring Location		Season		Form NODI:	
Code		Parameter Name		Monitoring Location		Season	
00300 Oxygen, dissolved [DO]		1 - Effluent Gross		1		0	
00400 pH		1 - Effluent Gross		1		0	
00530 Solids, total suspended		1 - Effluent Gross		1		0	
00610 Nitrogen, ammonia total [as N]		1 - Effluent Gross		1		0	
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross		1		0	
50060 Chlorine, total residual		1 - Effluent Gross		1		0	
80082 BOD, carbonaceous [5 day, 20 C]		1 - Effluent Gross		1		0	

Code	Parameter Name	Monitoring Location	Season	Form NODI	Sample	Permit	Reg.	Value	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Qualifier	Value 4	Qualifier	Value 5	Qualifier	Value 6	Qualifier	Value 7	Qualifier	Value 8	Qualifier	Value 9	Qualifier	Value 10	Qualifier	Value 11	Qualifier	Value 12	Qualifier	Value 13	Qualifier	Value 14	Qualifier	Value 15	Qualifier	Value 16	Qualifier	Value 17	Qualifier	Value 18	Qualifier	Value 19	Qualifier	Value 20	Qualifier	Value 21	Qualifier	Value 22	Qualifier	Value 23	Qualifier	Value 24	Qualifier	Value 25	Qualifier	Value 26	Qualifier	Value 27	Qualifier	Value 28	Qualifier	Value 29	Qualifier	Value 30	Qualifier	Value 31	Qualifier	Value 32	Qualifier	Value 33	Qualifier	Value 34	Qualifier	Value 35	Qualifier	Value 36	Qualifier	Value 37	Qualifier	Value 38	Qualifier	Value 39	Qualifier	Value 40	Qualifier	Value 41	Qualifier	Value 42	Qualifier	Value 43	Qualifier	Value 44	Qualifier	Value 45	Qualifier	Value 46	Qualifier	Value 47	Qualifier	Value 48	Qualifier	Value 49	Qualifier	Value 50	Qualifier	Value 51	Qualifier	Value 52	Qualifier	Value 53	Qualifier	Value 54	Qualifier	Value 55	Qualifier	Value 56	Qualifier	Value 57	Qualifier	Value 58	Qualifier	Value 59	Qualifier	Value 60	Qualifier	Value 61	Qualifier	Value 62	Qualifier	Value 63	Qualifier	Value 64	Qualifier	Value 65	Qualifier	Value 66	Qualifier	Value 67	Qualifier	Value 68	Qualifier	Value 69	Qualifier	Value 70	Qualifier	Value 71	Qualifier	Value 72	Qualifier	Value 73	Qualifier	Value 74	Qualifier	Value 75	Qualifier	Value 76	Qualifier	Value 77	Qualifier	Value 78	Qualifier	Value 79	Qualifier	Value 80	Qualifier	Value 81	Qualifier	Value 82	Qualifier	Value 83	Qualifier	Value 84	Qualifier	Value 85	Qualifier	Value 86	Qualifier	Value 87	Qualifier	Value 88	Qualifier	Value 89	Qualifier	Value 90	Qualifier	Value 91	Qualifier	Value 92	Qualifier	Value 93	Qualifier	Value 94	Qualifier	Value 95	Qualifier	Value 96	Qualifier	Value 97	Qualifier	Value 98	Qualifier	Value 99	Qualifier	Value 100	Qualifier
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	0	Sample	Permit	Reg.	Value	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Qualifier	Value 4	Qualifier	Value 5	Qualifier	Value 6	Qualifier	Value 7	Qualifier	Value 8	Qualifier	Value 9	Qualifier	Value 10	Qualifier	Value 11	Qualifier	Value 12	Qualifier	Value 13	Qualifier	Value 14	Qualifier	Value 15	Qualifier	Value 16	Qualifier	Value 17	Qualifier	Value 18	Qualifier	Value 19	Qualifier	Value 20	Qualifier	Value 21	Qualifier	Value 22	Qualifier	Value 23	Qualifier	Value 24	Qualifier	Value 25	Qualifier	Value 26	Qualifier	Value 27	Qualifier	Value 28	Qualifier	Value 29	Qualifier	Value 30	Qualifier	Value 31	Qualifier	Value 32	Qualifier	Value 33	Qualifier	Value 34	Qualifier	Value 35	Qualifier	Value 36	Qualifier	Value 37	Qualifier	Value 38	Qualifier	Value 39	Qualifier	Value 40	Qualifier	Value 41	Qualifier	Value 42	Qualifier	Value 43	Qualifier	Value 44	Qualifier	Value 45	Qualifier	Value 46	Qualifier	Value 47	Qualifier	Value 48	Qualifier	Value 49	Qualifier	Value 50	Qualifier	Value 51	Qualifier	Value 52	Qualifier	Value 53	Qualifier	Value 54	Qualifier	Value 55	Qualifier	Value 56	Qualifier	Value 57	Qualifier	Value 58	Qualifier	Value 59	Qualifier	Value 60	Qualifier	Value 61	Qualifier	Value 62	Qualifier	Value 63	Qualifier	Value 64	Qualifier	Value 65	Qualifier	Value 66	Qualifier	Value 67	Qualifier	Value 68	Qualifier	Value 69	Qualifier	Value 70	Qualifier	Value 71	Qualifier	Value 72	Qualifier	Value 73	Qualifier	Value 74	Qualifier	Value 75	Qualifier	Value 76	Qualifier	Value 77	Qualifier	Value 78	Qualifier	Value 79	Qualifier	Value 80	Qualifier	Value 81	Qualifier	Value 82	Qualifier	Value 83	Qualifier	Value 84	Qualifier	Value 85	Qualifier	Value 86	Qualifier	Value 87	Qualifier	Value 88	Qualifier	Value 89	Qualifier	Value 90	Qualifier	Value 91	Qualifier	Value 92	Qualifier	Value 93	Qualifier	Value 94	Qualifier	Value 95	Qualifier	Value 96	Qualifier	Value 97	Qualifier	Value 98	Qualifier	Value 99	Qualifier	Value 100	Qualifier
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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:

ebungamer

Name:

Elaine Bungamer

E-Mail:

ebungamer@testinc.com

Date/Time:

2025-03-17 11:04 (Time Zone: -05:00)

Report Last Signed By

User:

IONSTEAR

Name:

Ion Stear

E-Mail:

lstea@testinc.com

Date/Time:

2025-03-25 10:35 (Time Zone: -05:00)

DMR Copy of Record

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Permit #:
Major:

IL0023451
No

Permitted Feature:

INF
Influent Structure

Report Dates & Status

Monitoring Period:
Considerations for Form Completion

BOW ID: W0070150007

Principal Executive Officer

First Name:
Last Name:

Ion
Stear

No Data Indicator (NODI)

Form NODI:

Permittee:

Permittee Address:

Discharge:

POPLAR GROVE, VILLAGE OF
200 NORTH HILL STREET
POPLAR GROVE, IL 61065

INF-L
INFLUENT MONITORING

DMR Due Date:

03/25/25

Facility:

Facility Location:

POPLAR GROVE - NORTH WWTP, VILLAGE OF
205 EDSON RD
POPLAR GROVE, IL 61065

Status:

NotDMR Validated

Title:

Certified Operator

Telephone:

815-224-1650

Code	Parameter Name	Monitoring Location	Session #	Param. NODI	Sample Permit Req. Value NODI	Quantity of Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	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	--														164.875 Req Mon MO AVG	19 - mg/L 19 - mg/L	02DA - 2 Days Every Week 02DA - 2 Days Every Week	CP - Composite CP - Composite	
00530	Solids, total suspended	G - Raw Sewage Influent	0	--														167.5 Req Mon MO AVG	19 - mg/L 19 - mg/L	02DA - 2 Days Every Week 02DA - 2 Days Every Week	CP - Composite CP - Composite	
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--														0.162 Req Mon MO AVG	0.311 Req Mon DAILY MX	03 - MGD 03 - MGD	9999 - Continuous 9999 - Continuous	CP - Composite CP - Composite

Submission Note

If a parameter row does not contain any values for the Sample not 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:

ebumgame1
Elaine Bungamer

Name:

ebumgame1@testing.com

E-Mail:

Date/Time:

2025-03-17 11:03 (Time Zone: -05:00)

Report Last Signed By

IONSTEAR

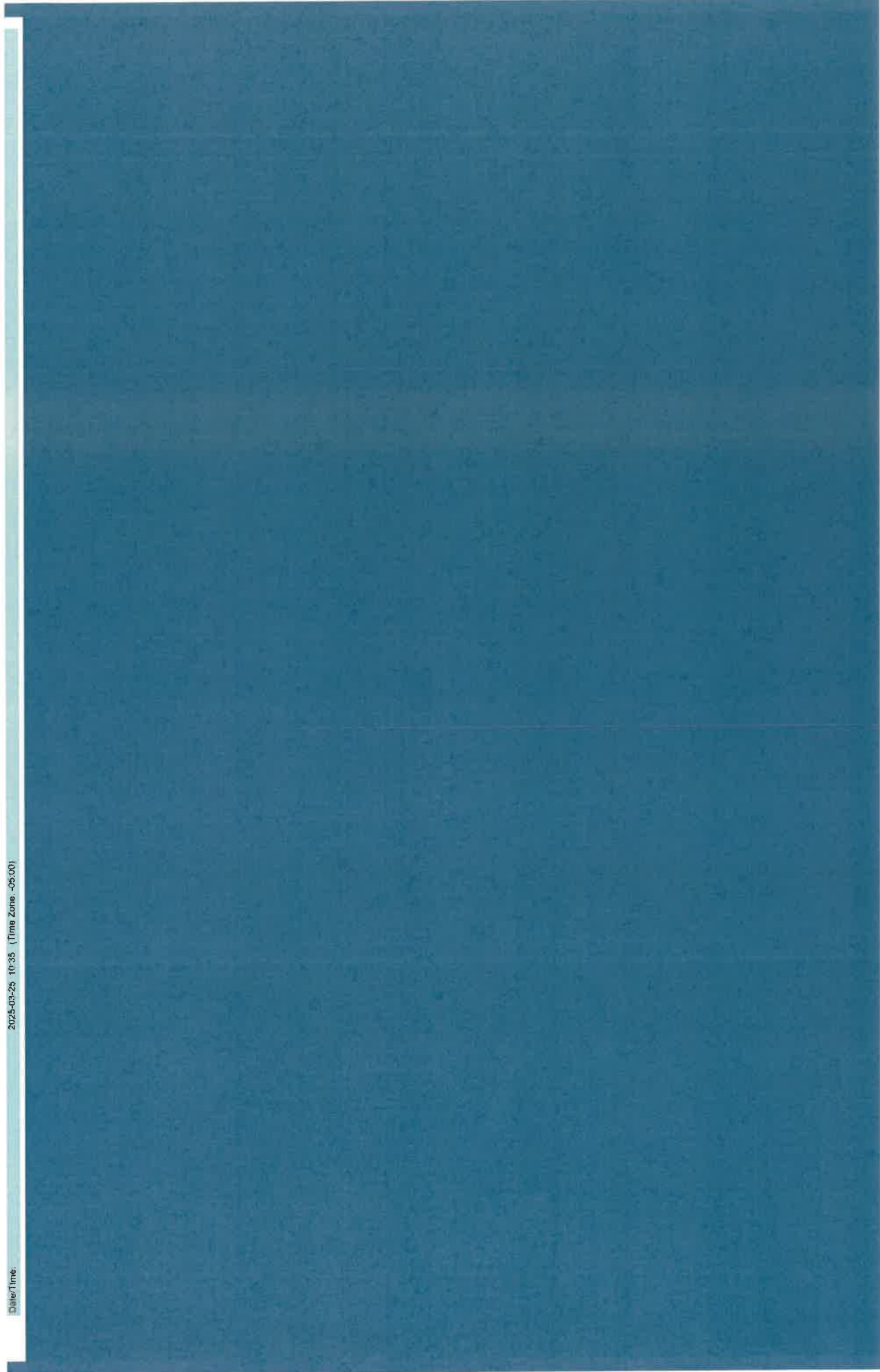
User:

Ion Stear

Name:

istear@testing.com

E-Mail:



DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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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				DMR Due Date:		03/25/25		Status:		NotDMR Validated	
Monitoring Period:		From 02/01/25 to 02/28/25									
Considerations for Form Completion											
BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.											
Principal Executive Officer											
First Name:		Ion		Title:		Certified Operator					
Last Name:		Stear									
No Data Indicator (NODI)											
Form NODI:										815-224-1650	

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample	Permit	Req. Value	Value	Unit	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Units	Frequency of Analysis	Sample Type	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample	Permit	Req. Value	10.35	=	10.35	=	10.0	=	10.0	=	19 - mg/L	03DW - 3 Days Every Week	GR - Grab	
					Permit	Req. Value	4.5 MN WK AV	>=	4.5 MN WK AV	>=	4.0 DAILY MN	>=	4.0 DAILY MN	>=	4.0 DAILY MN	>=	19 - mg/L	03DW - 3 Days Every Week	GR - Grab
					Permit	Req. Value	7.28	>=	7.28	>=	6.0 MINIMUM	>=	6.0 MINIMUM	>=	6.0 MINIMUM	>=	12 - SU	03DW - 3 Days Every Week	GR - Grab
00400	pH	1 - Effluent Gross	0	-	Sample	Permit	Req. Value	3.333	=	3.333	=	7.0	=	7.0	=	12 - SU	03DW - 3 Days Every Week	GR - Grab	
					Permit	Req. Value	250.0 MO AVG	<=	250.0 MO AVG	<=	12.0 MO AVG	<=	12.0 MO AVG	<=	24.0 DAILY MX	<=	19 - mg/L	03DW - 3 Days Every Week	GR - Grab
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit	Req. Value	13.778	=	13.778	=	26 - lb/d	=	26 - lb/d	=	19 - mg/L	03DW - 3 Days Every Week	GR - Grab	
					Permit	Req. Value	500.0 DAILY MX	<=	500.0 DAILY MX	<=	24.0 DAILY MX	<=	24.0 DAILY MX	<=	24.0 DAILY MX	<=	19 - mg/L	03DW - 3 Days Every Week	GR - Grab
00500	Nitrogen, total [as N]	1 - Effluent Gross	0	-	Sample	Permit	Req. Value	0.197	<	0.197	<	0.1	<	0.1	<	19 - mg/L	0130 - Monthly	CP - Composite	
					Permit	Req. Value	85.0 MO AVG	<=	85.0 MO AVG	<=	4.0 MO AVG	<=	4.0 MO AVG	<=	5.2 DAILY MX	<=	19 - mg/L	0130 - Monthly	CP - Composite
00510	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	-	Sample	Permit	Req. Value	0.427	=	0.427	=	26 - lb/d	=	26 - lb/d	=	19 - mg/L	03DW - 3 Days Every Week	CP - Composite	
					Permit	Req. Value	21.0 MO AVG	<=	21.0 MO AVG	<=	1.0 MO AVG	<=	1.0 MO AVG	<=	1.0 MO AVG	<=	19 - mg/L	03DW - 3 Days Every Week	CP - Composite
00655	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample	Permit	Req. Value	0.323	=	0.323	=	03 - MGD	=	03 - MGD	=	19 - mg/L	03DW - 3 Days Every Week	CP - Composite	
					Permit	Req. Value	0.238	=	0.238	=	0.238	=	0.238	=	0.238	=	19 - mg/L	03DW - 3 Days Every Week	CP - Composite
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	Permit	Req. Value	0.323	=	0.323	=	03 - MGD	=	03 - MGD	=	19 - mg/L	59/99 - Continuous	CP - Composite	
					Permit	Req. Value	0.238	=	0.238	=	0.238	=	0.238	=	0.238	=	19 - mg/L	59/99 - Continuous	CP - Composite

DMR Copy of Record

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NEDES.033@epa.gov for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(i)(4)(v). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to average 2 hours per outlet. Send comments on this Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit		IL0071447		Permittee:		POPLAR GROVE VILLAGE OF		POPLAR GROVE SOUTH STP, VILLAGE OF	
Major:		Yes		Permittee Address:		200 S HILL ST		12211 STATE ROUTE 76	
Permitted Feature:		INF Influent Structure		Discharge:		INF-L INFLUENT MONITORING		POPLAR GROVE IL 61065	
Report Dates & Status		Monitoring Period:		DMR Due Date:		03/25/25		Status:	
Monitoring Period:		From 02/01/25 to 02/28/25		DMR Due Date:		03/25/25		Not DMR Validated	
Considerations for Form Completion		BOW ID: W0070150006		Title:		815-224-1650		Telephone:	
Principal Executive Officer		Ion Stear		DMR Due Date:		03/25/25		Status:	
First Name:		Ion		DMR Due Date:		03/25/25		Status:	
Last Name:		Stear		DMR Due Date:		03/25/25		Status:	
No Data Indicator (NODI)		Form NODI:		Monitoring Location		Season & Permit NODI		Sample Period	
Form NODI:		Form NODI:		Monitoring Location		Season & Permit NODI		Sample Period	
00310 BOD, 5-day, 20 deg. C		G - Raw Sewage Influent		0		0		0	
00530 Solids, total suspended		G - Raw Sewage Influent		0		0		0	
00665 Phosphorus, total [as P]		1 - Effluent Gross		0		0		0	
50050 Flow, in conduit or thru treatment plant		G - Raw Sewage Influent		0		0		0	
Submission Note		Submission Note		Submission Note		Submission Note		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: Unit, Number of Excursions, Frequency of Analysis, and Sample Type.		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: Unit, Number of Excursions, Frequency of Analysis, and Sample Type.		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: Unit, Number of Excursions, Frequency of Analysis, and Sample Type.		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: Unit, Number of Excursions, Frequency of Analysis, and Sample Type.		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: Unit, Number of Excursions, Frequency of Analysis, and Sample Type.	
Edit Check Errors		Edit Check Errors		Edit Check Errors		Edit Check Errors		Edit Check Errors	
No errors.		No errors.		No errors.		No errors.		No errors.	
Comments		Comments		Comments		Comments		Comments	
Attachments		Attachments		Attachments		Attachments		Attachments	
No attachments.		No attachments.		No attachments.		No attachments.		No attachments.	
Report Last Saved By		Report Last Saved By		Report Last Saved By		Report Last Saved By		Report Last Saved By	
POPLAR GROVE, VILLAGE OF		POPLAR GROVE, VILLAGE OF		POPLAR GROVE, VILLAGE OF		POPLAR GROVE, VILLAGE OF		POPLAR GROVE, VILLAGE OF	
User:		User:		User:		User:		User:	
elaine_bumgarner		elaine_bumgarner		elaine_bumgarner		elaine_bumgarner		elaine_bumgarner	
Name:		Name:		Name:		Name:		Name:	
elaine_bumgarner@helsinc.com		elaine_bumgarner@helsinc.com		elaine_bumgarner@helsinc.com		elaine_bumgarner@helsinc.com		elaine_bumgarner@helsinc.com	
E-Mail:		E-Mail:		E-Mail:		E-Mail:		E-Mail:	
2025-03-17 11:21 (Time Zone: -05:00)		2025-03-17 11:21 (Time Zone: -05:00)		2025-03-17 11:21 (Time Zone: -05:00)		2025-03-17 11:21 (Time Zone: -05:00)		2025-03-17 11:21 (Time Zone: -05:00)	
Date/Time:		Date/Time:		Date/Time:		Date/Time:		Date/Time:	
Report Last Signed By		Report Last Signed By		Report Last Signed By		Report Last Signed By		Report Last Signed By	
IONSTEAR		IONSTEAR		IONSTEAR		IONSTEAR		IONSTEAR	
User:		User:		User:		User:		User:	

Name:
E-Mail:
Date/Time:

Ion Stear
istear@tesinc.com
2025-03-25 10:35 (Time Zone: -05:00)

VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF FEB. 2025
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070150
MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 2		Hour Meter Well 3		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	
31-Jan	09:00	467446		10065		34605.00		160.00		0.99	72		0.70	50.00		JH
1-Feb	09:00	467594	131	10065	0	34613.00	6.30	159.00	1.0	1.21	66		0.95	50.00	0.0	JH
2-Feb	09:00	467725	4298	10065	0	34619.30	203.80	158.00	55.0	1.02	60 / 100		0.88	50.00	6.5	JH
3-Feb	09:00	472023	132	10065	0	34823.10	6.30	103.00	2.0	1.13	84		0.79	43.50	0.5	JH
4-Feb	09:00	472155	128	10065	0	34829.40	6.00	101.00	3.0	1.42	78		1.26	43.00	0.0	JH
5-Feb	09:00	472283	128	10065	0	34835.40	6.10	98.00	3.0	1.25	74		0.89	43.00	0.5	JH
6-Feb	09:00	472411	103	10065	0	34841.50	4.70	95.00	2.0	1.46	68		1.01	42.50	0.5	JH
7-Feb	09:00	472514	119	10065	0	34846.20	5.70	93.00	1.0	1.21	64		0.56	42.00	0.0	Ck
8-Feb	09:00	472633	139	10065	0	34851.90	6.60	92.00	3.0	1.23	60		0.92	42.00	0.5	Ck
9-Feb	09:00	472772	172	10065	0	34858.50	8.10	89.00	3.0	1.25	54		0.71	41.50	0.5	Ck
10-Feb	09:00	472944	130	10065	0	34866.60	6.20	86.00	3.0	1.51	46/100		0.57	41.00	0.0	Ck
11-Feb	09:00	473074	127	10065	0	34872.80	6.00	83.00	2.0	1.38	92		1.07	41.00	0.0	JH
12-Feb	09:00	473201	132	10065	0	34878.80	6.20	81.00	2.0	1.43	88		0.46	41.00	1.0	JH
13-Feb	09:00	473333	130	10065	0	34885.00	6.10	79.00	3.0	1.06	82		1.14	40.00	0.0	JH
14-Feb	09:00	473463	127	10065	0	34891.10	6.10	76.00	2.0	1.39	76		0.94	40.00	0.0	JH
15-Feb	09:00	473590	135	10065	0	34897.20	6.40	74.00	3.0	1.14	72		0.97	40.00	0.3	JH
16-Feb	09:00	473725	136	10065	0	34903.60	6.40	71.00	2.0	1.40	64		1.33	39.75	0.8	JH
17-Feb	09:00	473861	144	10065	0	34910.00	6.70	69.00	3.0	1.43	58		0.78	39.00	0.0	JH
18-Feb	09:00	474005	136	10065	0	34916.70	6.40	66.00	2.0	1.07	54		0.65	39.00	0.0	JH
19-Feb	09:00	474141	123	10065	0	34923.10	5.90	64.00	3.0	1.00	48		0.82	39.00	0.3	JH
20-Feb	09:00	474264	134	10065	0	34929.00	6.30	61.00	2.0	1.34	42		0.91	38.75	0.8	JH
21-Feb	09:00	474398	128	10065	0	34935.30	6.10	59.00	2.0	1.09	38		0.75	38.00	0.0	JH
22-Feb	09:00	474526	136	10065	0	34941.40	6.30	57.00	3.0	1.99	30/100		1.08	38.00	0.0	JH
23-Feb	09:00	474662	140	10065	0	34947.70	6.70	54.00	2.0	1.75	96		0.87	38.00	0.5	JH
24-Feb	09:00	474802	135	10065	0	34954.40	6.30	52.00	3.0	1.39	90		0.49	37.50	0.5	Ck
25-Feb	09:00	474937	130	10065	0.1	34960.70	6.20	49 / 160	1.0	0.99	84		0.72	37.00	0.0	jh
26-Feb	09:00	475067	127	10065.1	0	34966.90	6.00	159.00	3.0	1.22	78		0.90	37 / 50	0.0	jh
27-Feb	09:00	475194	125	10065.1	0	34972.90	5.90	156.00	3.0	1.58	70		0.63	50.00	0.0	jh
28-Feb	09:00	475319	115	10065.1	0	34978.80	5.40	153.00	2.0	1.36	64		0.62	50.00	0.0	jh
1-Mar	09:00	475434		10065.1		34984.20		151.00		1.62	60		0.73	50.00		Ck
TOT			7840				371			39.31				25.10		
AVE			280				13			1.31				0.84		
MAX			4298				204			1.99				1.33		
MIN			103				5			0.99				0.46		

SIGNATURE:  Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - WEST
 FOR THE MONTH OF FEB. 2025
 MONTHLY OPERATING REPORT
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070350

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed		Phosphate Feed			Flouride Feed		Operator Initials	
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale		lbs Used
31-Jan	08:30	415248		9352		116.00		1.00	60		0.98	357.00		JH
1-Feb	08:30	415345	95	9354.5	2.3	116.00	2.0	0.81	60	1.00	0.66	356.00	2.40	JH
2-Feb	08:30	415440	127	9357	2.93	114.0	2.0	1.4	59	1	0.77	354	1	JH
3-Feb	08:30	415567	114	9359.73	2.92	112.00	2.0	1.05	40	18.00	1.40	353.00	-0.50	JH
4-Feb	08:30	415681	96	9362.65	2.34	110.00	2.0	1.00	22 / 130	6.00	1.62	353.50	10.90	JH
5-Feb	08:30	415777	96	9364.99	2.36	108.00	1.0	1.04	124	6.00	1.32	342.60	2.50	JH
6-Feb	08:30	415873	95	9367.35	2.32	107.00	2.0	0.97	118	6.00	1.08	340.10	2.00	JH
7-Feb	08:30	415968	118	9369.67	2.93	105.00	2.0	0.97	112	8.00	0.77	338.10	3.10	Ck
8-Feb	08:30	416086	95	9372.6	2.3	103.00	1.0	0.66	104	7.00	0.83	335.00	2.40	Ck
9-Feb	08:30	416181	122	9374.9	2.97	102.00	0.0	1.08	97	9.00	0.85	332.60	2.90	Ck
10-Feb	08:30	416303	131	9377.87	3.24	100.00	1.0	0.90	88	8.00	0.60	329.70	4.10	Ck
11-Feb	08:30	416434	114	9381.11	2.78	99.00	0.0	0.64	80	8.00	0.97	325.60	3.00	JH
12-Feb	08:30	416548	46	9383.89	1.12	99.00	1.0	0.51	72	4.00	0.90	322.60	1.20	JH
13-Feb	08:30	416594	73	9385.01	1.67	98.00	0.0	0.76	68	6.00	1.51	321.40	1.80	JH
14-Feb	08:30	416667	63	9386.68	1.67	98.00	1.0	1.45	62	4.00	1.83	319.60	1.80	JH
15-Feb	08:30	416730	56	9388.35	1.44	97.00	1.0	0.79	58	2.00	0.85	317.80	1.50	JH
16-Feb	08:30	416786	81	9389.79	1.93	96.00	0.0	0.69	56	6.00	1.06	316.30	1.90	JH
17-Feb	08:30	416867	67	9391.72	1.67	96.00	2.0	0.84	50	6.00	1.33	314.40	1.70	JH
18-Feb	08:30	416934	68	9393.39	1.65	94.00	1.0	0.92	44	6.00	0.95	312.70	1.60	JH
19-Feb	08:30	417002	45	9395.04	1.13	93.00	0.0	0.93	38	2.00	0.68	311.10	1.20	JH
20-Feb	08:30	417047	68	9396.17	1.68	93.00	1.0	0.79	36	2.00	1.25	309.90	1.70	JH
21-Feb	08:30	417115	68	9397.85	1.65	92.00	1.0	0.87	34	4.00	1.46	308.20	1.50	JH
22-Feb	08:30	417183	97	9399.5	2.35	91.00	1.0	0.98	30	6.00	1.53	306.70	2.10	JH
23-Feb	08:30	417280	65	9401.85	1.67	90.00	1.0	1.01	24/100	4.00	1.20	304.60	1.50	JH
24-Feb	08:30	417345	68	9403.52	1.7	89.00	1.0	1.00	96	6.00	0.86	303.10	2.50	Ck
25-Feb	08:30	417413	74	9405.22	1.7	88 / 160	1.0	1.02	90	6.00	1.64	301.6 / 429	1.50	JH
26-Feb	08:30	417487	39	9406.92	1.09	159.00	1.0	1.29	84	4.00	1.43	428.00	1.00	JH
27-Feb	08:30	417526	68	9408.01	1.68	158.00	2.0	1.33	80	6.00	2.06	427.00	1.40	JH
28-Feb	08:30	417594	68	9409.69	1.69	156.00	1.0	1.24	74	6.00	1.44	425.60	1.60	JH
1-Mar	08:30	417662		9411.38		155.00		1.11	68		0.66	424.00		Ck
TOT			2317					29.09						
AVE			83					0.97						
MAX			131					1.45						
MIN			39					0.51						

Ion Star

SIGNATURE:
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF FEB. 2025
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070300
MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 5		Hour Meter Well 6		Chlorine Feed			Phosphates Feed			Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	Lbs Used	Free	Scale	Lbs Used	PO4 mg/L	Scale	Lbs Used	
31-Jan	10:00	635163	61	4890.3	0.9	4758.32	0	159.00	1.0	1.20	58	2.00	1.19	384.00	0.60	JH
1-Feb	10:00	635224	59	4891.2	1	4758.32	0	158.00	1.0	1.17	56	4.00	1.09	383.40	0.60	JH
2-Feb	10:00	635283	2190	4892.2	34.1	4758.32	0	157.00	42.0	0.94	52 / 100	6.00	0.13	82.8 / 45	2.00	JH
3-Feb	10:00	637473	61	4926.3	1	4758.32	0	115.00	1.0	1.04	94	4.00	0.48	454.00	0.80	JH
4-Feb	10:00	637534	61	4927.3	0.9	4758.32	0	114.00	1.0	1.14	90	2.00	1.47	453.20	0.80	JH
5-Feb	10:00	637595	59	4928.2	0.9	4758.32	0	113.00	1.0	1.07	88	4.00	0.86	452.40	0.60	JH
6-Feb	10:00	637654	58	4929.1	0.9	4758.32	0	112.00	2.0	0.97	84	2.00	0.94	451.80	0.40	JH
7-Feb	10:00	637712	59	4930	1	4758.32	0	110.00	1.0	1.65	82	2.00	0.59	451.40	0.30	Ck
8-Feb	10:00	637771	93	4931	1.4	4758.32	0	109.00	2.0	0.97	80	4.00	0.80	451.10	0.40	Ck
9-Feb	10:00	637864	60	4932.4	0.9	4758.32	0	107.00	1.0	1.34	76	2.00	0.62	450.70	0.30	Ck
10-Feb	10:00	637924	58	4933.3	0.9	4758.32	0	106.00	1.0	1.06	74	4.00	0.79	450.40	0.80	Ck
11-Feb	10:00	637982	89	4934.2	1.4	4758.32	0	105.00	1.0	0.72	70	6.00	1.19	449.60	0.00	JH
12-Feb	10:00	638071	60	4935.6	1	4758.32	0	104.00	2.0	0.88	64	2.00	0.76	449.60	0.60	JH
13-Feb	10:00	638131	62	4936.6	0.9	4758.32	0	102.00	1.0	1.10	62	4.00	0.93	449.00	-0.20	JH
14-Feb	10:00	638193	60	4937.5	1	4758.32	0	101.00	1.0	1.37	58	2.00	0.94	449.20	0.40	JH
15-Feb	10:00	638253	61	4938.5	0.9	4758.32	0	100.00	1.0	1.18	56	4.00	0.99	448.80	0.80	JH
16-Feb	10:00	638314	59	4939.4	1	4758.32	0	99.00	1.0	1.41	52	2.00	0.85	448.00	1.80	JH
17-Feb	10:00	638373	89	4940.4	1.3	4758.32	0	98.00	2.0	1.43	50	4.00	0.93	446.20	1.80	JH
18-Feb	10:00	638462	59	4941.7	1	4758.32	0	96.00	1.0	1.02	46	2.00	0.58	444.40	0.80	JH
19-Feb	10:00	638521	60	4942.7	0.9	4758.32	0	95.00	1.0	0.80	44	2.00	0.86	443.60	0.20	JH
20-Feb	10:00	638581	59	4943.6	0.9	4758.32	0	94.00	1.0	1.12	42	2.00	1.18	443.40	0.20	JH
21-Feb	10:00	638640	57	4944.5	0.9	4758.32	0	93.00	1.0	0.89	40	2.00	0.67	443.20	1.00	JH
22-Feb	10:00	638697	59	4945.4	0.9	4758.32	0	92.00	2.0	1.38	38	2.00	0.50	442.20	0.40	JH
23-Feb	10:00	638756	56	4946.3	1.5	4758.32	0	90.00	1.0	1.22	36	6.00	0.61	441.80	0.60	JH
24-Feb	10:00	638812	95	4947.8	0.9	4758.32	0	89.00	1.0	1.17	30/100	2.00	0.77	441.20	0.60	Ck
25-Feb	10:00	638907	60	4948.7	0.9	4758.32	0	88 / 160	1.0	1.16	98	6.00	1.00	440.60	1.00	JH
26-Feb	10:00	638967	69	4949.6	1.1	4758.32	0	159.00	1.0	1.15	92	4.00	1.06	439.60	1.20	JH
27-Feb	10:00	639036	79	4950.7	1.3	4758.32	0	158.00	2.0	1.23	88	4.00	1.03	438.40	1.40	JH
28-Feb	10:00	639115	56	4952	0.8	4758.32	0	156.00	1.0	1.20	84	2.00	0.93	437.00	1.40	JH
1-Mar	10:00	639171		4952.8		4758.32		155.00		1.31	82		0.50	435.60		Ck
					</											

SIGNATURE:  Jon Stett
PHONE: 815-224-1630

DAILY DISTRIBUTION MONITORING REPORT

VILLAGE OF POPLAR GROVE
FOR THE MONTH OF FEB. 2025
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

Date	North System (Wells 2 & 3)				West System (Well 4)				South System (Wells 5 & 6)				Operator Initials	Slope Standard	Flouride Analysis			
	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			Well #2	Well #3	Well #4	Well#5-6
1														103.00	0.51	0.18	0.56	
2															0.71	0.77	0.22	
3	village	0.58		1.58	gas	0.8		0.96	tower	0.93		0.47	Jh		0.50	0.25	0.19	
4	post office	1.06		1.59	oak lawn	0.87		0.96	tower	1.12		0.42	JH		0.36	0.21	0.17	
5	village	0.5		1.82	gas	0.79		1.11	tower	1.17		0.43	JH		0.40	0.58	0.36	
6	arturos	0.7		1.52	oak lawn	0.77		1.13	tower	0.86		1.06	JH		0.69	0.87	0.44	
7	School	1.27		0.85	Garage	0.91		0.75	tower	0.85		0.41	Ck		0.40	0.92	0.18	
8															0.55	0.59	0.13	
9															0.43	0.59	0.12	
10	post office	0.81		1.5	Gas	0.9		0.99	Tower	1.27		0.68	Ck		0.42	0.79	0.14	
11	village	0.91		1.83	oak lawn	0.73		0.94	Tower	1.14		0.73		96.00	0.46	0.62	0.17	
12	arturos	0.94		0.77	gas	0.55		0.98	Tower	1.05		0.69			0.41	0.63	0.14	
13	village	0.69		1.45	oak lawn	0.65		1.13	tower	0.86		1.26			0.72	1.50	0.17	
14	post office	0.97		1.44	garage	0.87		1.31	Tower	1.17		0.66			0.60	1.50	0.34	
15															0.75	0.69	0.25	
16															0.37	0.78	0.30	
17	village	0.68		1.65	gas	0.68		1	tower	1.24		1.27			0.30	0.66	0.35	
18	arturos	0.73		1.55	Oak lawn	0.72		0.74	tower	1.01		0.77			0.45	0.69	0.36	
19	village	0.51		1.41	garage	0.79		1.17	tower	1.01		0.71			0.39	0.50	0.33	
20	post office	1.23		1.65	gas	0.67		1.1	tower	1.08		0.8			0.64	1.20	0.33	
21	arturos	0.86		1.11	Oak lawn	0.71		0.74	tower	0.76		1.03			0.33	0.86	0.33	
22															0.41	1.10	0.35	
23															0.30	0.60	0.30	
24	School	1.29		0.62	Garage	0.63		0.74	Tower	0.92		0.73	Ck	103.00	0.28	0.37	0.73	
25	village	0.76		1.52	gas	0.81		1.34	Tower	0.88		0.69			0.28	0.57	0.33	
26	arturos	0.79		1.44	oak lawn	1		1.04	Tower	1.1		0.6			0.28	0.53	0.36	
27	village	0.68		1.3	gas	0.91		1.11	Tower	1.17		0.89			0.60	0.98	0.36	
28	arturos	0.7		1.76	Garage	0.89		1.04	Tower	1.13		1.02			0.47	0.67	0.33	
29																		
30																		
31																		

Signature:  Jon Stear
PHONE: 815-224-1630