



2323 Fourth Street, PO Box 483 Peru, IL 61354

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

www.testinc.com

March 3, 2022

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 January 2023 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:

- Cleaned all lift station floats and transducers.
- Ran and tested portable generators under load.
- Sable came out and got a measurement to get a bad check valve replaced at the end of Waco lift station fixed.
- They came and inspected the lift station at Oak Lawn just to ensure it's working as well as it can.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- All personnel have taken safety classes on electrical safety, lock out tag out, confined space and emergency action planning.
- Main lift station has been working as it should.
- We fixed an issue with a decanter on SBR #1. We need to look in to rethinking or changing the way those open. There has to be a better way than those actuators that we can't get and that are expensive when we do get them. Plus, they only last about 2-3 years.
- We had the restraints break off one of the decanters. We fixed it when flows were high because we could get out on the decanter.
- We serviced the screen. Upon servicing it, we found issues and the manufacturer has been out to diagnose. The repair will be covered under warranty.
- We have ordered some transducers to replace the bad ones in SBR3 and to replace the one on the shelf from Woodstock lift station last month.
- Decanted digesters.



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- Tested all emergency wash stations.

South WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- UV lights are pulled and ready to go back in. We were able to get by this year without replacing the bulbs, but will have to next winter. We have put this in the budget.
- We had a blower go bad on one of the floating mixers. Sable is getting us a price for a new one.
- Transferred sludge to drying beds.
- Decanted digesters.
- Found that the sludge transfer pumps in the old plant need to be rebuilt. I plan on discussing this with David to find the more cost efficient solution.
- We replaced some leaking air line connections.
- Cleaned sand filter room.
- Tested all emergency wash stations.
- Decanted digesters.

Water System:

- Cleaned well houses.
- Changed pump head and chemical line at well 4.
- Tested the big portable generator under load and had the block heater replaced.
- All required EPA testing has been done.

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
Major: No

Permitted Feature:
001
External Outfall

Report Dates & Status
Monitoring Period:
From 01/01/23 to 01/31/23
Considerations for Form Completion
BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED. MONITORING LOCATION "1" IS FOR MONTHLY AVERAGE AND DAILY MAXIMUM. MONITORING LOCATION "8" IS FOR WEEKLY AVERAGE.

Principal Executive Officer
First Name: Ion
Last Name: Stear
No Data Indicator (NODI)

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

Discharge:
001-0
STP OUTFALL

DMR Due Date:
02/25/23

DMR Due Date:
02/25/23

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

Status:
NotDMR Validated

Telephone:
815-224-1650

Code	Parameter Name	Monitoring Location	Season	Permit	NODI	Sample Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of EA	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	-	Sample Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of EA	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	-	-	Sample Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of EA	Frequency of Analysis	Sample Type
00530	Solids, total suspended	1 - Effluent Gross	0	-	-	Sample Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of EA	Frequency of Analysis	Sample Type
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-	-	Sample Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of EA	Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-	Sample Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of EA	Frequency of Analysis	Sample Type
50060	Chlorine, total residual	1 - Effluent Gross	0	-	-	Sample Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of EA	Frequency of Analysis	Sample Type
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	-	Sample Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of EA	Frequency of Analysis	Sample Type

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:
Name: ebungamer
E-Mail: ebungamer@lestinc.com
Date/Time: 2023-02-20 15:30 (Time Zone: -06:00)

Report Last Signed By
User: IONSTEAR

Name:

E-Mail:

Date/Time:

Ion : Stear

istear@estline.com

2023-02-28 12:04 (Time Zone: -06:00)

DMR Copy of Record

Permit: IL0023451
Permittee: POPLAR GROVE, VILLAGE OF
Major: No
Facility Location: 205 EDSON RD
 POPLAR GROVE, IL 61065

Permitted Feature: INF Influent Structure
Discharge: INF-1 INFLUENT MONITORING

Report Dates & Status:
Monitoring Period: From 01/01/23 to 01/31/23
DMR Due Date: 02/25/23
Status: NotDMR Validated

BOW ID: W0070150007
Principal Executive Officer:

First Name: Ion
Last Name: Stear
Title: Certified Operator
Telephone: 815-224-1650

No Data Indicator (NODI):

Parameter Name	Monitoring Location	Session #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-											
				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type

00530 Solids, total suspended	G - Raw Sewage Influent	0	-											
				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type

90050 Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-											
				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type

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: eburgamer

Name: Elaine BURGAMER

E-Mail: eburgamer@vestinc.com

Date/Time: 2023-02-20 15:31 (Time Zone: -06:00)

Report Last Signed By

IONSTEAR

User: Ion Stear

Name: Ion Stear

E-Mail: istear@vestinc.com

Date/Time: 2023-02-28 12:04 (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 01/01/23 to 01/31/23	DMR Due Date:	02/25/23	Status:	NetDMR Validated
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Considerations for Form Completion

BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:	Ion	Certified Operator		Telephone:	815-224-1650
Last Name:	Slair	Title:			

No Data Indicator (NODI)

Form NODI:	Parameter Name	Monitoring Location	Session #	Barion NODI	Sample Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quantity or Loading	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]		1	Effluent Gross	1	0												GR - GRAB
00400	pH		1	Effluent Gross	0	0												GR - GRAB
00530	Solids, total suspended		1	Effluent Gross	0	0												CP - COMPOS
00600	Nitrogen, total [as N]		1	Effluent Gross	0	0												CP - COMPOS
00610	Nitrogen, ammonia total [as N]		1	Effluent Gross	2	0												CP - COMPOS
00665	Phosphorus, total [as P]		1	Effluent Gross	0	0												CP - COMPOS
50050	Flow, in conduit or thru treatment plant		1	Effluent Gross	0	0												CP - COMPOS
50060	Chlorine, total residual		1	Effluent Gross	0	0												CP - COMPOS
80082	BOD, carbonaceous [5 day, 20 C]		1	Effluent Gross	0	0												CP - COMPOS

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

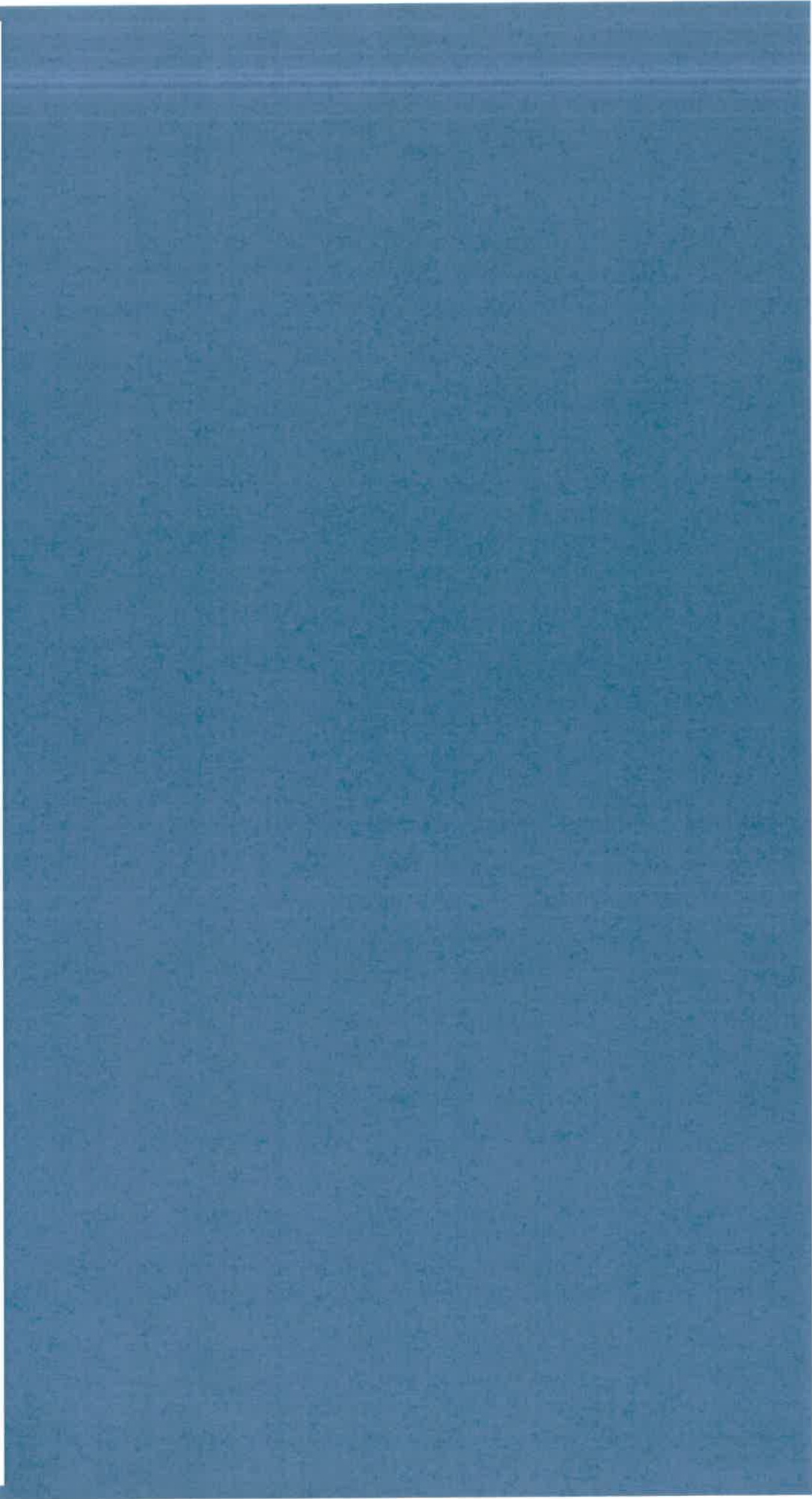
POPLAR GROVE, VILLAGE OF

User:

eburngamer

Name: Elaine Bungener
E-Mail: ebungamer@testinc.com
Date/Time: 2023-02-20 15:22 (Time Zone: -06:00)
Report Last Signed By

User: IONSTEAR
Name: Ion Stear
E-Mail: istear@testinc.com
Date/Time: 2023-02-28 12:04 (Time Zone: -06:00)



DMR Copy of Record

Permit Permit #: IL0071447 Major: Yes		Permittee: Permittee Address: Discharge: 001 External Outfall		POPLAR GROVE, VILLAGE OF 200 S HILL ST POPLAR GROVE, IL 61065 001-S SEMI ANNUAL SAMPLING @ 001		Facility: Facility Location: POPLAR GROVE SOUTH STP VILLAGE OF 12211 STATE ROUTE 76 POPLAR GROVE, IL 61065	
Report Dates & Status Monitoring Period: From 08/01/22 to 01/31/23 Considerations for Form Completion BOW ID: W0070150006		DMR Due Date: 02/25/23		Status: NotDMR Validated			
Principal Executive Officer First Name: Ion Last Name: Stear No Data Indicator (NODI)		Title: Certified Operator		Telephone: 815-224-1650			
Form NODI:		Monitoring Location:		Quantity of Loading: Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3		Quality of Concentration: Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	
Code: Parameter Name:		Season: # Permit: NODI		Sample Permit Req. Value NODI		Units: # of Ex. Frequency of Analysis Sample Type	
00556 Oil & Grease		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.005 28 - ug/L 0 Req Mon DAILY MX 19 - mg/L 0 GR - GRAB GR - GRAB	
00720 Cyanide, total [as CN]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.005 28 - ug/L 0 Req Mon DAILY MX 28 - ug/L 0 GR - GRAB GR - GRAB	
00722 Cyanide, free [amenable to chlorination]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.005 28 - ug/L 0 Req Mon DAILY MX 28 - ug/L 0 GR - GRAB GR - GRAB	
00951 Fluoride, total [as F]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.216 19 - mg/L 0 Req Mon DAILY MX 19 - mg/L 0 24 - COMP24 24 - COMP24	
01002 Arsenic, total [as As]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.01 19 - mg/L 0 Req Mon DAILY MX 19 - mg/L 0 24 - COMP24 24 - COMP24	
01007 Barium, total [as Ba]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.0319 19 - mg/L 0 Req Mon DAILY MX 19 - mg/L 0 24 - COMP24 24 - COMP24	
01027 Cadmium, total [as Cd]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.001 19 - mg/L 0 Req Mon DAILY MX 19 - mg/L 0 24 - COMP24 24 - COMP24	
01032 Chromium, hexavalent [as Cr]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.005 19 - mg/L 0 Req Mon DAILY MX 19 - mg/L 0 GR - GRAB GR - GRAB	
01034 Chromium, total [as Cr]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.01 19 - mg/L 0 Req Mon DAILY MX 19 - mg/L 0 24 - COMP24 24 - COMP24	
01042 Copper, total [as Cu]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.005 19 - mg/L 0 Req Mon DAILY MX 19 - mg/L 0 24 - COMP24 24 - COMP24	
01045 Iron, total [as Fe]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.0324 19 - mg/L 0 Req Mon DAILY MX 19 - mg/L 0 24 - COMP24 24 - COMP24	
01046 Iron, dissolved [as Fe]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.1 19 - mg/L 0 Req Mon DAILY MX 19 - mg/L 0 24 - COMP24 24 - COMP24	
01051 Lead, total [as Pb]		1 - Effluent Gross 0 -		Sample Permit Req. Value NODI		0.01 19 - mg/L 0 Req Mon DAILY MX 19 - mg/L 0 24 - COMP24 24 - COMP24	

Permit #:	IL0071447	Permitted:	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	From 01/01/23 to 01/31/23	DMR Due Date:	02/25/23	Status:	NotDMR Validated
Monitoring Period:					
Considerations for Form Completion					
BOW ID: W0070150006					

Principal Executive Officer	Ion	Title:	Certified Operator	Telephone:	815-224-1650
First Name:					
Last Name:					
Use Date Indicator (NODI)					

Code	Parameter Name	Monitoring Location	Session & Param. NO(s)	Sample Permit No.	Qualifier 1	Value 1	Qualifier 2	Value 2	Unit	Qualifier 3	Value 3	Unit	Quality or Concentration	Qualifier 4	Value 4	Qualifier 5	Value 5	Qualifier 6	Value 6	Qualifier 7	Value 7	Qualifier 8	Value 8	Qualifier 9	Value 9	Qualifier 10	Value 10	Qualifier 11	Value 11	Qualifier 12	Value 12	Qualifier 13	Value 13	Qualifier 14	Value 14	Qualifier 15	Value 15	Qualifier 16	Value 16	Qualifier 17	Value 17	Qualifier 18	Value 18	Qualifier 19	Value 19	Qualifier 20	Value 20	Qualifier 21	Value 21	Qualifier 22	Value 22	Qualifier 23	Value 23	Qualifier 24	Value 24	Qualifier 25	Value 25	Qualifier 26	Value 26	Qualifier 27	Value 27	Qualifier 28	Value 28	Qualifier 29	Value 29	Qualifier 30	Value 30	Qualifier 31	Value 31	Qualifier 32	Value 32	Qualifier 33	Value 33	Qualifier 34	Value 34	Qualifier 35	Value 35	Qualifier 36	Value 36	Qualifier 37	Value 37	Qualifier 38	Value 38	Qualifier 39	Value 39	Qualifier 40	Value 40	Qualifier 41	Value 41	Qualifier 42	Value 42	Qualifier 43	Value 43	Qualifier 44	Value 44	Qualifier 45	Value 45	Qualifier 46	Value 46	Qualifier 47	Value 47	Qualifier 48	Value 48	Qualifier 49	Value 49	Qualifier 50	Value 50	Qualifier 51	Value 51	Qualifier 52	Value 52	Qualifier 53	Value 53	Qualifier 54	Value 54	Qualifier 55	Value 55	Qualifier 56	Value 56	Qualifier 57	Value 57	Qualifier 58	Value 58	Qualifier 59	Value 59	Qualifier 60	Value 60	Qualifier 61	Value 61	Qualifier 62	Value 62	Qualifier 63	Value 63	Qualifier 64	Value 64	Qualifier 65	Value 65	Qualifier 66	Value 66	Qualifier 67	Value 67	Qualifier 68	Value 68	Qualifier 69	Value 69	Qualifier 70	Value 70	Qualifier 71	Value 71	Qualifier 72	Value 72	Qualifier 73	Value 73	Qualifier 74	Value 74	Qualifier 75	Value 75	Qualifier 76	Value 76	Qualifier 77	Value 77	Qualifier 78	Value 78	Qualifier 79	Value 79	Qualifier 80	Value 80	Qualifier 81	Value 81	Qualifier 82	Value 82	Qualifier 83	Value 83	Qualifier 84	Value 84	Qualifier 85	Value 85	Qualifier 86	Value 86	Qualifier 87	Value 87	Qualifier 88	Value 88	Qualifier 89	Value 89	Qualifier 90	Value 90	Qualifier 91	Value 91	Qualifier 92	Value 92	Qualifier 93	Value 93	Qualifier 94	Value 94	Qualifier 95	Value 95	Qualifier 96	Value 96	Qualifier 97	Value 97	Qualifier 98	Value 98	Qualifier 99	Value 99	Qualifier 100	Value 100	Qualifier 101	Value 101	Qualifier 102	Value 102	Qualifier 103	Value 103	Qualifier 104	Value 104	Qualifier 105	Value 105	Qualifier 106	Value 106	Qualifier 107	Value 107	Qualifier 108	Value 108	Qualifier 109	Value 109	Qualifier 110	Value 110	Qualifier 111	Value 111	Qualifier 112	Value 112	Qualifier 113	Value 113	Qualifier 114	Value 114	Qualifier 115	Value 115	Qualifier 116	Value 116	Qualifier 117	Value 117	Qualifier 118	Value 118	Qualifier 119	Value 119	Qualifier 120	Value 120	Qualifier 121	Value 121	Qualifier 122	Value 122	Qualifier 123	Value 123	Qualifier 124	Value 124	Qualifier 125	Value 125	Qualifier 126	Value 126	Qualifier 127	Value 127	Qualifier 128	Value 128	Qualifier 129	Value 129	Qualifier 130	Value 130	Qualifier 131	Value 131	Qualifier 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588	Qualifier 589	Value 589	Qualifier 590	Value 590	Qualifier 591	Value 591	Qualifier 592	Value 592	Qualifier 593	Value 593	Qualifier 594	Value 594	Qualifier 595	Value 595	Qualifier 596	Value 596	Qualifier 597	Value 597	Qualifier 598	Value 598	Qualifier 599	Value 599	Qualifier 600	Value 600	Qualifier 601	Value 601	Qualifier 602	Value 602	Qualifier 603	Value 603	Qualifier 604	Value 604	Qualifier 605	Value 605	Qualifier 606	Value 606	Qualifier 607	Value 607	Qualifier 608	Value 608	Qualifier 609	Value 609	Qualifier 610	Value 610	Qualifier 611	Value 611	Qualifier 612	Value 612	Qualifier 613	Value 613	Qualifier 614	Value 614	Qualifier 615	Value 615	Qualifier 616	Value 616	Qualifier 617	Value 617	Qualifier 618	Value 618	Qualifier 619	Value 619	Qualifier 620	Value 620	Qualifier 621	Value 621	Qualifier 622	Value 622	Qualifier 623	Value 623	Qualifier 624	Value 624	Qualifier 625	Value 625	Qualifier 626	Value 626	Qualifier 627	Value
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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.

No errors.

CHLORINE

Attachments

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User: ebunqamer

Name: Elaine Runnemer

NAME.	
CLASS.	
DATE.	
COURSE.	
TEACHER.	

E-Mail: ebumgarner@tesinc.com

Date/Time: 2023-02-20 15:23 (Time Zone: -06:00)

Report Last Signed By

User: IONSTEAR

Name:	for	State:
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Name: _____
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Contributors: _____
Revisors: _____
Project Manager: _____
Production Manager: _____
Marketing Manager: _____
Sales Representative: _____
Customer Service Representative: _____
Distribution Center: _____
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Support Phone: _____
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Social Media Links: _____
Terms of Sale: _____
Privacy Policy: _____
Return Policy: _____
Warranty Information: _____
Disclaimer: _____
Legal Notice: _____
Notice of Rights: _____
Notice of Privacy Practices: _____
Notice of Non-Discrimination: _____
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Notice of Confidentiality: _____
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Notice of Data Trustworthiness: _____

E-Mail: istear@testing.com

VILLAGE OF POPLAR GROVE - WEST
 FOR THE MONTH OF January 2023
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070350
 MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed		Free		Phosphate Feed		PO4 mg/L		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Scale	lbs Used	Scale	lbs Used	Scale	lbs Used	Scale	lbs Used	
31-Dec	08:00	360943	0	8069.55	0	152.00	2.0		0.88	46	4.00	1.20		397.80	1.70	JH
1-Jan	08:00	361025	58	8071.45	0.69	150.00	0.0		1.25	42	2.00	1.18		396.10	1.10	JH
2-Jan	08:00	361083	93	8072.14	2.26	150.00	1.0		1.02	40/100	4.00	1.00		395.00	1.80	KL
3-Jan	08:00	361176	78	8074.4	2.07	149.00	0.0		0.90	96	2.00	1.30		393.20	1.20	KL
4-Jan	08:00	361254	41	8076.47	1.21	149.00	1.0		0.40	94	2.00	1.20		392.00	0.80	DH
5-Jan	08:00	361295	66	8077.68	1.45	148.00	1.0		0.68	92	2.00	1.72		391.20	0.90	KL
6-Jan	08:00	361361	66	8079.13	1.4	147.00	0.0		1.01	90	4.00	1.23		390.30	1.00	KL
7-Jan	08:00	361427	70	8080.53	1.76	147.00	1.0		0.82	86	2.00	1.01		389.30	1.20	KL
8-Jan	08:00	361497	68	8082.29	1.56	146.00	0.0		0.76	84	2.00	1.36		388.10	1.40	KL
9-Jan	08:00	361565	70	8083.85	1.61	146.00	1.0		0.64	82	2.00	0.88		386.70	1.50	KL
10-Jan	08:00	361635	67	8085.46	1.53	145.00	2.0		0.70	80	2.00	1.10		385.20	1.30	KL
11-Jan	08:00	361702	46	8086.99	1.05	143.00	2.0		1.94	78	2.00	1.10		383.90	0.90	KL
12-Jan	08:00	361748	66	8088.04	1.31	141.00	2.0		1.92	76	4.00	1.10		383.00	1.10	KL
13-Jan	08:00	361814	64	8089.35	1.67	139.00	2.0		2.08	72	2.00	1.33		381.90	1.10	KL
14-Jan	08:00	361878	68	8091.02	1.56	137.00	3.0		1.88	70	4.00	0.57		380.80	1.40	DH
15-Jan	08:00	361946	68	8092.58	1.57	134.00	2.0		1.61	66	2.00	0.66		379.40	1.30	KL
16-Jan	08:00	362014	47	8094.15	1.07	132.00	1.0		1.81	64	4.00	0.67		378.10	1.10	KL
17-Jan	08:00	362061	67	8095.22	1.55	131.00	2.0		1.88	60	2.00	2.27		377.00	1.10	KL
18-Jan	08:00	362128	64	8096.77	1.46	129.00	2.0		1.92	58	4.00	1.34		375.90	1.30	KL
19-Jan	08:00	362192	46	8098.23	1.01	127.00	1.0		1.63	54	4.00	1.56		374.60	0.80	KL
20-Jan	08:00	362238	66	8099.24	1.14	126.00	2.0		1.75	50/100	2.00	2.10		373.80	1.00	KL
21-Jan	08:00	362304	67	8100.38	1.95	124.00	3.0		1.86	98	4.00	1.98		372.80	1.40	KL
22-Jan	08:00	362371	69	8102.33	1.58	121.00	1.0		1.92	94	6.00	1.80		371.40	1.20	KL
23-Jan	08:00	362440	66	8103.91	1.53	120.00	3.0		1.72	88	6.00	1.16		370.20	1.30	KL
24-Jan	08:00	362506	69	8105.44	1.58	117.00	2.0		1.47	82	2.00	1.33		368.90	1.60	KL
25-Jan	08:00	362575	45	8107.02	1.03	115.00	2.0		1.37	80	2.00	1.30		367.30	0.80	DH
26-Jan	08:00	362620	67	8108.05	1.53	113.00	1.0		1.45	78	4.00	1.96		366.50	1.10	KL
27-Jan	08:00	362687	66	8109.58	1.42	112.00	2.0		1.48	74	4.00	1.88		365.40	1.30	KL
28-Jan	08:00	362753	68	8111	2	110.00	2.0		1.35	70	4.00	1.79		364.10	1.40	JH
29-Jan	08:00	362821	69	8113	1.28	108.00	2.0		1.44	66	6.00	1.21		362.70	1.20	JH
30-Jan	08:00	362890	68	8114.28	1.57	106.00	2.0		1.12	60	4.00	1.10		361.50	1.30	DH
31-Jan	08:00	362958	69	8115.85	1.57	104.00			1.47	56		1.07		360.20	1.40	DH
1-Feb	08:00	363027		8117.42		102.00			1.46	54				358.8		DH
TOT			1933						45.59							
AVE			62						1.38							
MAX			93						2.08							
MIN			0						0.40							

Ion Stear

SIGNATURE:
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF January 2023
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		Free	Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used		Scale	lbs Used	Scale	lbs Used	
31-Dec	09:00	575858	70	3974	1	4757.60	0	132.00	1.0	1.43	80	4.00	417.00	1.80	JH
1-Jan	09:00	575928	71	3975	1.1	4757.60	0	131.00	1.0	1.17	76	4.00	415.20	1.40	JH
2-Jan	09:00	575999	88	3976.1	1.3	4757.60	0	130.00	1.0	1.14	72	4.00	413.80	2.00	KL
3-Jan	09:00	576087	70	3977.4	1.1	4757.60	0	129.00	1.0	1.10	68	4.00	411.80	1.80	KL
4-Jan	09:00	576157	51	3978.5	0.9	4757.60	0	128.00	1.0	1.26	64	4.00	410.00	1.00	DH
5-Jan	09:00	576208	70	3979.4	1.1	4757.60	0	127.00	1.0	1.33	60	2.00	409.00	1.80	KL
6-Jan	09:00	576278	69	3980.5	1	4757.60	0	126.00	1.0	1.41	58	6.00	407.20	1.40	KL
7-Jan	09:00	576347	70	3981.5	1.1	4757.60	0	125.00	1.0	1.40	52	2.00	405.80	1.60	KL
8-Jan	09:00	576417	76	3982.6	1.2	4757.60	0	124.00	2.0	1.42	50	4.00	404.20	1.60	KL
9-Jan	09:00	576493	82	3983.8	1.3	4757.60	0	122.00	1.0	1.49	46	4.00	402.60	2.00	KL
10-Jan	09:00	576575	53	3985.1	0.9	4757.60	0	121.00	1.0	1.43	42	4.00	400.60	1.40	KL
11-Jan	09:00	576628	71	3986	1.1	4757.60	0	120.00	1.0	1.44	38/100	2.00	399.20	1.40	KL
12-Jan	09:00	576699	69	3987.1	1.1	4757.60	0	119.00	1.0	1.38	98	4.00	397.80	1.40	KL
13-Jan	09:00	576768	52	3988.2	0.8	4757.60	0	118.00	1.0	1.40	94	4.00	396.40	1.60	KL
14-Jan	09:00	576820	71	3989	1.1	4757.60	0	117.00	2.0	1.33	90	2.00	394.80	1.40	DH
15-Jan	09:00	576891	71	3990.1	1.1	4757.60	0	115.00	1.0	1.31	88	4.00	393.40	1.80	KL
16-Jan	09:00	576962	14	3991.2	0.2	4757.60	0	114.00	0.0	1.35	84	2.00	391.60	0.40	KL
17-Jan	09:00	576976	139	3991.4	2.2	4757.60	0	114.00	3.0	1.01	82	6.00	391.20	3.00	KL
18-Jan	09:00	577115	52	3993.6	0.8	4757.60	0	111.00	1.0	1.33	76	4.00	388.20	1.20	KL
19-Jan	09:00	577167	70	3994.4	1.1	4757.60	0	110.00	0.0	1.30	72	2.00	387.00	1.40	KL
20-Jan	09:00	577237	52	3995.5	0.8	4757.60	0	110.00	2.0	1.36	70	2.00	385.60	1.40	KL
21-Jan	09:00	577289	87	3996.3	1.4	4757.60	0	108.00	0.0	1.31	68	6.00	384.20	1.80	KL
22-Jan	09:00	577376	71	3997.7	1.1	4757.60	0	108.00	1.0	1.38	62	4.00	382.40	1.80	KL
23-Jan	09:00	577447	71	3998.8	1.1	4757.60	0	107.00	1.0	1.30	58	4.00	380.60	1.60	KL
24-Jan	09:00	577518	69	3999.9	1.1	4757.60	0	106.00	3.0	1.28	54/100	2.00	379.00	1.40	KL
25-Jan	09:00	577587	53	4001	0.8	4757.60	0	103.00	1.0	1.12	98	2.00	377.60	1.40	DH
26-Jan	09:00	577640	69	4001.8	1.1	4757.60	0	102.00	1.0	1.20	96	4.00	376.20	1.40	KL
27-Jan	09:00	577709	69	4002.9	1.1	4757.60	0	101.00	1.0	1.15	92	4.00	374.80	1.60	KL
28-Jan	09:00	577778	62	4004	1	4757.60	0	100.00	1.0	1.23	88	4.00	373.20	1.40	JH
29-Jan	09:00	577840	78	4005	1.1	4757.60	0	99.00	2.0	1.18	84	4.00	371.80	1.60	JH
30-Jan	09:00	577918	67	4006.1	1.1	4757.60	0	97.00	1.0	1.24	80	4.00	370.20	1.60	DH
31-Jan	09:00	577985	69	4007.2	1.1	4757.60	0	96.00	1.0	1.32	76	4.00	368.60	2.00	DH
1-Feb	09:00	578054	-578054	4008.3	-4008.3	4757.60	-4757.6	95.00	95.0		72	72.00	366.60	366.60	DH
TOT			2127				0			41.50					
AVE			69				0			1.30					
MAX			139				0			1.49					
MIN			14				0			1.01					

SIGNATURE: _____ Ion Stear

PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH

FOR THE MONTH OF January 2023

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		Free	Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used		Scale	lbs Used	Scale	lbs Used	
31-Dec	10:00	360586	145	10063.5	0	29166.00	11.00	115.00	2.0	1.29	46	8.00	39.00	1.0	JH
1-Jan	10:00	360731	268	10063.5	0	29177.00	10.70	112.00	1.0	1.20	38	8.00	38.00	0.8	JH
2-Jan	10:00	360999	207	10063.5	0	29187.70	10.40	112.00	2.0	1.32	30/100	6.00	37.25	0.3	KL
3-Jan	10:00	361206	222	10063.5	0	29198.10	11.30	110.00	2.0	1.53	94	10.00	37.00	1.0	KL
4-Jan	10:00	361428	153	10063.5	0	29209.40	7.70	108.00	2.0	1.15	84	6.00	36.00	0.8	DH
5-Jan	10:00	361581	208	10063.5	0	29217.10	10.40	106.00	2.0	1.54	78	8.00	35.25	0.3	KL
6-Jan	10:00	361789	23	10063.5	0	29227.50	9.70	104/160	1.0	1.61	70	6.00	35.00	1.0	KL
7-Jan	10:00	361812	381	10063.5	0	29237.20	10.70	159.00	1.0	1.57	64	8.00	34.00	0.3	KL
8-Jan	10:00	362193	230	10063.5	0	29247.90	11.60	158.00	2.0	1.56	56	8.00	33.75	0.8	KL
9-Jan	10:00	362423	155	10063.5	0	29259.50	7.80	156.00	2.0	0.98	48	8.00	33.00	0.8	KL
10-Jan	10:00	362578	125	10063.5	0	29267.30	6.20	154.00	4.0	1.07	40	4.00	32.25	0.3	KL
11-Jan	10:00	362703	130	10063.5	0	29273.50	6.60	150.00	1.0	1.10	36/100	6.00	32.00	0.3	KL
12-Jan	10:00	362833	126	10063.5	0	29280.10	6.40	149.00	1.0	0.60	94	4.00	31.75	0.8	KL
13-Jan	10:00	362959	118	10063.5	0	29286.50	5.90	148.00	4.0	1.95	90	4.00	31.00	0.3	KL
14-Jan	10:00	363077	125	10063.5	0	29292.40	6.30	144.00	1.0	1.64	86	4.00	30.75	0.5	DH
15-Jan	10:00	363202	128	10063.5	0	29298.70	6.40	143.00	1.0	1.31	82	6.00	30.25	0.3	KL
16-Jan	10:00	363330	147	10063.5	0	29305.10	7.30	142.00	2.0	1.40	76	6.00	30.00	0.3	KL
17-Jan	10:00	363477	121	10063.5	0	29312.40	9906.10	140.00	1.0	2.09	70	4.00	29.75	0.8	KL
18-Jan	10:00	363598	113	10063.5	0	29318.50	-9894.30	139.00	2.0	2.10	66	4.00	29.00	0.0	KL
19-Jan	10:00	363711	133	10063.5	0	29324.20	6.60	137.00	1.0	1.61	62	6.00	29.00	0.3	KL
20-Jan	10:00	363844	111	10063.5	0	29330.80	5.70	136.00	2.0	1.71	56	4.00	28.75	0.8	KL
21-Jan	10:00	363955	158	10063.5	0	29336.50	7.90	134.00	3.0	1.32	52	4.00	28.00	0.3	KL
22-Jan	10:00	364113	146	10063.5	0	29344.40	10007.30	131.00	1.0	1.41	48	4.00	27.75	0.8	KL
23-Jan	10:00	364259	127	10063.5	0	29351.70	-9993.70	130.00	1.0	1.92	42/100	4.00	27.00	0.3	KL
24-Jan	10:00	364386	123	10063.5	0	29358.00	6.70	129.00	2.0	1.76	96	4.00	26.75	0.5	KL
25-Jan	10:00	364509	128	10063.5	0	29364.70	5.90	127.00	2.0	1.62	92	4.00	26.25	0.3	DH
26-Jan	10:00	364637	129	10063.5	0	29370.60	6.40	125.00	1.0	1.70	88	6.00	26.00	0.3	KL
27-Jan	10:00	364766	116	10063.5	0	29377.00	5.00	124.00	2.0	1.62	82	4.00	25.75	0.8	KL
28-Jan	10:00	364882	123	10063.5	0	29382.00	7.00	122.00	2.0	1.54	78	4.00	25.00	0.0	JH
29-Jan	10:00	365005	173	10063.5	0	29389.00	8.70	120.00	2.0	1.48	74	6.00	25.00	0.3	JH
30-Jan	10:00	365178	121	10063.5	0	29397.70	6.00	118.00	2.0	0.81	68	6.00	24.75	0.0	DH
31-Jan	10:00	365299	127	10063.5	0	29403.70	6.40	116.00	1.0	0.95	62	4.00	24.75	0.8	DH
1-Feb	10:00	365426	-365426	10063.5	-10063.5	29410.1	-29410.10	115.0	115.0	1.5	58	58.00	24	24.0	DH
TOT			4713				238			47.94					
AVE			152				8			1.45					
MAX			381				10007			2.10					
MIN							-9994			0.60					

SIGNATURE:

PHONE: 815-224-1650

Jon Stear

VILLAGE OF POPLAR GROVE
FOR THE MONTH OF January 2023
DAILY DISTRIBUTION MONITORING REPORT
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
	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	
1-Jan													
2-Jan													
3-Jan	School	1.06		1.04	Gas Station	0.41		0.68	Tower	0.97		0.91	KL
4-Jan	VH	0.41		0.79	Oak lawn	0.4		0.52	Tower	0.82		0.52	DH
5-Jan	Tower	1.54		1.65	Tower	0.82		1.64	Tower	1.1		0.84	KL
6-Jan	School	1.1		0.98	Garage	0.62		1.01	Tower	1.22		0.85	KL
7-Jan													
8-Jan													
9-Jan	Tower	0.98		0.82	Tower	0.58		1.3	Tower	0.86		0.92	KL
10-Jan	School	1.07		1.69	Gas Station	0.68		0.85	Tower	1.17		1.26	KL
11-Jan	Tower	1.1		1.3	Oal Lawn	0.42		0.42	Tower	1.13		1.07	KL
12-Jan	School	0.6		1.77	Garage	0.74		0.72	Tower	0.71		1.01	KL
13-Jan	School	0.62		1.81	Tower	2.14		1.29	Tower	0.71		0.98	KL
14-Jan													
15-Jan													
16-Jan	Tower	1.4		1.27	Gas station	0.55		1.04	Tower	1.05		1.1	KL
17-Jan	School	1.31		1.98	Garage	1.54		0.78	Tower	1.08		1.01	KL
18-Jan	VH	0.56		1.64	oak Lawn	0.52		0.68	Tower	1.07		0.94	KL
19-Jan	School	1.61		1.17	tower	1.82		1.04	Tower	1.02		0.9	KL
20-Jan	Tower	1.65		1.46	oak Lawn	0.65		0.72	Tower	1.08		0.89	KL
21-Jan													
22-Jan													
23-Jan	Tower	1.92		1.97	Gas station	0.64		1.1	Tower	0.87		0.94	KL
24-Jan	School	1.21		1.37	Oak Lawn	0.43		0.6	Tower	0.91		1.01	KL
25-Jan	VH	0.56		1.81	Tower	0.91		1.19	Tower	0.93		0.94	KL
26-Jan	School	1.3		1.1	Garge	1.2		0.84	Tower	1.01		0.98	KL
27-Jan	Tower	1.62		1.01	Oak Lawn	1.52		1.81	Tower	1.1		1.08	KL
28-Jan													
29-Jan	School	0.81		0.95	Oak lawn	1.35		1.25	Tower	1.24		0.94	KL
30-Jan	VH	0.55		1.35	garage	1.33		1.14	tower	0.94		0.86	KL
31-Jan													

Signature:  Ion Stear
 PHONE: 815-224-1650