



2323 Fourth Street, PO Box 483 Peru, IL 61354

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

www.testinc.com

October 8, 2024

**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 August 2024 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:**

- We repaired the phone line at Collection Point lift station.
- We had Collins come out and clean out the grease from all the lift stations.
- We cleaned up the cabinets and put some mouse and rodent deterrent in them since the cooler weather is coming.
- Main lift station VFD replaced from when the storm hit.

**North WWTP:**

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Decanted digesters.
- Tested all emergency wash stations.
- We had the VFD/s replaced from the storm event. The SBR's are back working as they should.
- We're still waiting on parts to come for the valve replacement for SBR3.
- We had a blower lose a seal overnight and we came in to an alarm for an over current alarm on the VFD. Upon inspecting the blower room, we found a lot of oil under the blower that tripped. We disassembled that blower and the digester blower that started making noise and took them both in for inspection. I haven't heard back yet on what is wrong with them.
- Public works picked us up some sand for the sand filter rehab projects.
- We've been working with Gasvoda to try and get the disk filter fixed. NOVA, the company that made the filter, is out of business, so we can't just order the parts we need. **This is still ongoing. We received a quote from Gasvoda to repair the filter and make new parts**



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since they can't buy them. It was around \$7,000.

#### **South WWTP:**

- Decanted digesters.
- Generator PM and yearly inspection were done.
- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Tested all emergency wash stations.
- We have received the sand filter pumps. We've installed them in one and they're back online and working better than it was.
- The other sand filter, we finished cleaning out the sludge, fixed the trolley system, replaced the wheels and it's ready to receive new pumps. When we were doing all this work, we noticed that some of the brackets that hold the back flow pump had gotten bent when the chain broke. We are putting together a plan to fix this.

#### **Water System:**

- Cleaned well houses.
- All daily checks have been completed.
- Cleaned well house.
- Rebuilt a leaking pump at well 4.
- Changed an injection line at well 3.
- We've been monitoring the Manganese and have not had any spikes.
- Midco has been here twice to inspect the towers. The first time, they had an issue with the ROV and the second time, had another issue that came up and they weren't able to make it out. They have rescheduled and were working with David on a time for that.

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

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.s@epa.gov](mailto:NEDES.s@epa.gov) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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<b>Permit #:</b> IL0023451	<b>Permittee:</b> POPLAR GROVE, VILLAGE OF	<b>Facility:</b> POPLAR GROVE - NORTH WWTP, VILLAGE OF
<b>Major:</b> No	<b>Permittee Address:</b> 200 NORTH HILL STREET POPLAR GROVE, IL 61065	<b>Facility Location:</b> 205 EDSON RD POPLAR GROVE, IL 61065
<b>Permitted Feature:</b> 001 External Outfall	<b>Discharge:</b> 001-D STP OUTFALL	
<b>Report Dates &amp; Status</b>	<b>DMR Due Date:</b> 09/25/24	<b>Status:</b> NetDMR Validated
<b>Monitoring Period:</b> From 08/01/24 to 08/31/24		
<i>Considerations for Form Completion</i>		
<b>BOW ID:</b> W0070150007; DMF LOAD LIMITS DISPLAYED MONITORING LOCATION "*" IS MONTHLY AVERAGE AND DAILY MAXIMUM MONITORING LOCATION "0" IS FORWEEKLY AVERAGE.		
<b>Principal Executive Officer</b>		
<b>First Name:</b> Ion	<b>Title:</b> Certified Operator	<b>Telephone:</b> 815-224-1650
<b>Last Name:</b> Stear		
<b>No Data Indicator (NOD)</b>		
<b>Form NOD:</b> -		

Code	Parameter Name	Monitoring Location	Season #	Param NOD	Sample Permit Req. Value NOD	Sample Permit Value NOD	Quantity or Limiting	Value 1	Qualifier	Value 2	Units	Qualifier	Value 3	Quality or Concentration	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	--				7.875	=	5.85	=		4.8		19 - mg/L	0	02DA - 2 Days Every Week	GR - GRAB
								6.0 MO AV MN	>=	4.5 MN WK AV	>=		4.0 DAILY MN		19 - mg/L	0	02DA - 2 Days Every Week	GR - GRAB
X	pH	1 - Effluent Gross	0	--				7.2	=	9.38	=		9.0		12 - SU	1	02DA - 2 Days Every Week	GR - GRAB
								6.0 MINIMUM	<=	9.0 MAXIMUM	<=		24.0 DAILY MX		12 - SU	1	02DA - 2 Days Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--				11.938	=	26.046	=		9.0		19 - mg/L	0	02DA - 2 Days Every Week	CP - COMPOS
								125.0 MO AVG	<=	250.0 DAILY MX	<=		24.0 DAILY MX		19 - mg/L	0	02DA - 2 Days Every Week	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--				0.341	=	0.637	=		0.241		19 - mg/L	0	02DA - 2 Days Every Week	CP - COMPOS
								16.0 MO AVG	<=	31.0 DAILY MX	<=		3.0 DAILY MX		19 - mg/L	0	02DA - 2 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--				0.347	=	0.731	=		0.0		9999 - Continuous	0	9999 - Continuous	GR - GRAB
								Req Mon MO AVG		Req Mon DAILY MX			0.05 DAILY MX		19 - mg/L	0	0130 - Monthly	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--					<=		<=		9 - Conditional Monitoring - Not Required This Period		13 - #/100mL	0	0130 - Monthly	GR - GRAB
									<		<		10.0		13 - #/100mL	0	0130 - Monthly	GR - GRAB

74055 Coliform, fecal general Gross 0 0 17.364 17.364 17.364 6.0 6.0 19.0 mg/L 02DA - 2 Days Every Week CP - COMPOS GR - GRAAB

Req Mon	DAILY MX	#100mL	0	01130 - Monthly	GR - GRAAB
1 - Effluent Gross	17.364	17.364	17.364	6.0	19.0 mg/L
BOD, carbonaceous [5 day, 20 C]	104.0 MO AVG	104.0 MO AVG	10.0 MO AVG	20.0 DAILY MX	02DA - 2 Days Every Week

80082 BOD, carbonaceous [5 day, 20 C] 1 - Effluent Gross 0 0 17.364 17.364 17.364 6.0 6.0 19.0 mg/L 02DA - 2 Days Every Week CP - COMPOS

00400 pH 1 - Effluent Gross Quality or Concentration Sample Value 3

00400 pH 1 - Effluent Gross Quality or Concentration Sample Value 3

Comments: We had a calibration error. We have returned to compliance

Attachments: No attachments.

Report Last Saved By: IONSTEAR

Report Last Signed By: Ion Stear

Name: Ion Stear

E-Mail: istear@teslinc.com

Date/Time: 2024-09-26 10:40 (Time Zone: -05:00)

User: IONSTEAR

Name: Ion Stear

E-Mail: istear@teslinc.com

Date/Time: 2024-09-28 10:43 (Time Zone: -05:00)

User: IONSTEAR

Name: Ion Stear

E-Mail: istear@teslinc.com

Date/Time: 2024-09-28 10:43 (Time Zone: -05:00)

User: IONSTEAR

Name: Ion Stear

E-Mail: istear@teslinc.com

Date/Time: 2024-09-28 10:43 (Time Zone: -05:00)

User: IONSTEAR

Name: Ion Stear

E-Mail: istear@teslinc.com

Date/Time: 2024-09-28 10:43 (Time Zone: -05:00)

User: IONSTEAR

Name: Ion Stear

E-Mail: istear@teslinc.com

Date/Time: 2024-09-28 10:43 (Time Zone: -05:00)

User: IONSTEAR

**DMR Copy of Record**

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<b>Permit #:</b>	IL0023451	<b>Permittee:</b>	POPLAR GROVE, VILLAGE OF
<b>Major:</b>	No	<b>Facility Location:</b>	200 NORTH HILL STREET POPLAR GROVE, IL 61065
<b>Permitted Feature:</b>	INF Influent Structure	<b>Discharge:</b>	INF-1 INFLUENT MONITORING
<b>Report Dates &amp; Status</b>		<b>DMR Due Date:</b>	08/25/24
<b>Monitoring Period:</b>	From 08/01/24 to 08/31/24	<b>Status:</b>	NetDMR Validated
<i>Considerations for Form Completion</i>			
<b>BOW ID:</b>	W0070150007	<b>Title:</b>	Certified Operator
<b>Principal Executive Officer</b>		<b>Telephone:</b>	815-224-1650
<b>First Name:</b>	Ion		
<b>Last Name:</b>	Stear		
<b>No Data Indicator (NDD)</b>			
<b>Form NDD:</b>			

Code	Parameter Name	Monitoring Location	Season #	Param. NDD	Sample Period	Printed Value	Sample Value NDD	Quantity or Loading	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	-											19 - mg/L	106.0	02DA - 2 Days Every Week	02DA - 2 Days Every Week	CP - COMPOS
								Req Mon MO AVG							19 - mg/L		02DA - 2 Days Every Week	02DA - 2 Days Every Week	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	-											191.75	191.75	02DA - 2 Days Every Week	02DA - 2 Days Every Week	CP - COMPOS
								Req Mon MO AVG							191.75		02DA - 2 Days Every Week	02DA - 2 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-											0.256	0.34	03 - MGD	03 - MGD	99899 - Continuous
								Req Mon MO AVG							0.256		03 - MGD	03 - MGD	99899 - Continuous

**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.

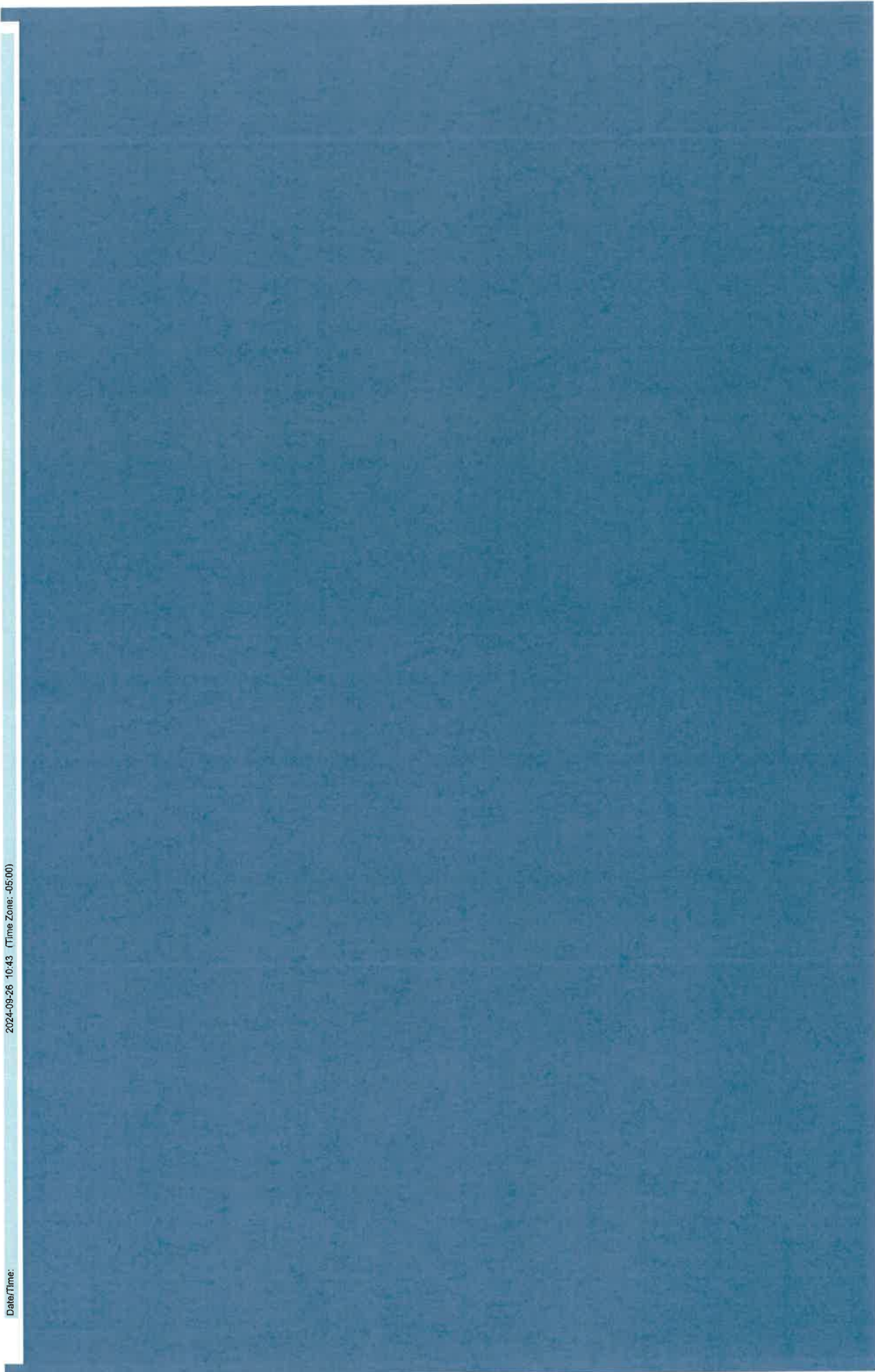
**Report Last Saved By**  
POPLAR GROVE, VILLAGE OF

**User:** ebumgamer  
**Name:** Elaine Bumgamer  
**E-Mail:** ebumgamer@lesinc.com  
**Date/Time:** 2024-09-25 13:23 (Time Zone: -05:00)

**Report Last Signed By**  
**User:** IONSTEAR  
**Name:** Ion Stear  
**E-Mail:** istear@lesinc.com

Date/Time:

2024-09-26 10:43 (Time Zone: -05:00)



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Permit #	IL0071447	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE SOUTH STP, VILLAGE OF	Sample Type								
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	Status:	NetDMR Validated									
Report Dates & Status		DMR Due Date:	09/25/24	Telephone:	815-224-1650									
Monitoring Period:	From 08/01/24 to 08/31/24	Quantity of Loadings		Quality of Concentration										
Considerations for Form Completion		Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	# of Samples	Frequency of Analysis					
BOW ID: W0070150008; DMF LOAD LIMITS DISPLAYED.		<	5.78	=	12.844	<	250.0 MO AVG	<=	500.0 DAILY MX	<=	24.0 DAILY MX	19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
Principal Executive Officer:	Ion Stear	Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
First Name:	Ion	Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
Last Name:	Stear	Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
Form NOD1:		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
Class:		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
00400 pH	1 - Effluent Gross	Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
00530 Solids, total suspended	1 - Effluent Gross	Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
00600 Nitrogen, total [as N]	1 - Effluent Gross	Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
00610 Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
00665 Phosphorus, total [as P]	1 - Effluent Gross	Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		Sample Permit Value NOD1		19 - mg/L	03DW - 3 Days Every Week	GR - GRAB

Flow, in conduit or thru treatment plant	1 - Effluent Gross	03 - MGD	0.468	Req Mon DAILY MX	0.308	Req Mon MO AVG	15.412	Req Mon DAILY MX	15.412	26 - lbid	417.0 DAILY MX	26 - lbid	19 - mg/L	03DW - 3 Days Every Week	GR - GRAB
50050	0														
50060	1 - Effluent Gross	0													
74055	1 - Effluent Gross	0													
80032	1 - Effluent Gross	0													

**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.

**Editt Check Errors**  
 No errors.

**Comments**

**Attachments**  
 No attachments.

**Report Last Saved By**  
 POPLAR GROVE, VILLAGE OF

**User:** ebumgamer  
**Name:** Elaine Bumgamer  
**E-Mail:** ebumgamer@tesinc.com  
**Date/Time:** 2024-09-25 13:35 (Time Zone: -05:00)

**Report Last Signed By**  
**User:** IONSTEAR  
**Name:** Ion Stear  
**E-Mail:** istear@tesinc.com  
**Date/Time:** 2024-09-26 10:43 (Time Zone: -05:00)



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<b>Permit #:</b> IL0071447	<b>Permittee:</b> POPLAR GROVE, VILLAGE OF	<b>Facility:</b> POPLAR GROVE SOUTH STP, VILLAGE OF											
<b>Major:</b> Yes	<b>Permittee Address:</b> 200 S HILL ST POPLAR GROVE, IL 61065	<b>Facility Location:</b> 12211 STATE ROUTE 76 POPLAR GROVE, IL 61065											
<b>Permitted Feature:</b> INF Influent Structure	<b>Discharge:</b> INF-L INFLUENT MONITORING												
<b>Report Dates &amp; Status</b>	<b>DMR Due Date:</b> 09/25/24	<b>Status:</b> NetDMR Validated											
<b>Monitoring Period:</b> From 08/01/24 to 08/31/24													
<i>Considerations for Form Completion</i>													
<b>BOW ID:</b> W0070150006													
<b>Principal Executive Officer</b>													
<b>First Name:</b> Ion	<b>Title:</b> Certified Operator	<b>Telephone:</b> 815-224-1650											
<b>Last Name:</b> Stear													
<b>No Data Indicator (NODI)</b>													
<b>Form NODI:</b> -													
<b>Code</b>	<b>Parameter Name</b>	<b>Monitoring Location</b>	<b>Season</b>	<b>Return (NODI)</b>	<b>Sample</b>	<b>Permit Req Value (NODI)</b>	<b>Sample</b>	<b>Permit Req Value (NODI)</b>	<b>Quality or Concentration</b>	<b>Units</b>	<b># of Ex.</b>	<b>Frequency of Analysis</b>	<b>Sample Type</b>
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-	Sample	110.833	19 - mg/L	03/DW - 3 Days Every Week	19 - mg/L	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	-	Sample	90.833	19 - mg/L	03/DW - 3 Days Every Week	19 - mg/L	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Cross	0	-	Sample	5.423	19 - mg/L	03/DW - 3 Days Every Week	9.91	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-	Sample	0.159	03 - MGD	03 - MGD	0.235	03 - MGD	0	03/DW - 3 Days Every Week	99999 - Continuous
					Sample	0.159	03 - MGD	03 - MGD	0.235	03 - MGD	0	03/DW - 3 Days Every Week	99999 - Continuous

**Submission Note**  
If a parameter row does not contain any values for the Sample or Effluent Tracing, 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@ieslinc.com  
**Date/Time:** 2024-09-25 13:35 (Time Zone: -05:00)

**Report Last Signed By**  
Lskir  
**User:** IONSTEAR

Name:

Ion Stear

E-Mail:

istear@lestinc.com

Date/Time:


2024-09-26 10:43 (Time Zone: -05:00)

**VILLAGE OF POPLAR GROVE - NORTH**  
**FOR THE MONTH OF AUG 2024**  
**MONTHLY OPERATING REPORT**  
**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**  
**DIVISION OF PUBLIC WATER SUPPLIES**

IL0070150

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	Scale	
31-Jul	08:00	444981		10064.5		33449.6		144	1.7	104	0.92	49		Ck
1-Aug	08:00	445125	146	10064.5	0	33456.0	11.40	141.00	3.0	100	0.89	48.50	0.5	Cl
2-Aug	08:00	445271	168	10064.5	0	33467.40	8.80	138.00	3.0	90	0.80	48.50	0.5	Ck
3-Aug	08:00	445439	183	10064.5	0	33476.20	9.50	135.00	3.0	86	0.66	48.00	0.5	JH
4-Aug	08:00	445622	142	10064.5	0	33485.70	7.30	132.00	3.0	78	0.62	47.50	0.5	Bh
5-Aug	08:00	445764	153	10064.5	0	33493.00	7.90	129.00	2.0	74	0.84	47.00	0.0	Ck
6-Aug	08:00	445917	131	10064.5	0	33500.90	6.70	127.00	2.0	66	1.08	47.00	0.5	Ck
7-Aug	08:00	446048	143	10064.5	0	33507.60	7.30	125.00	3.0	62	1.00	46.50	0.5	Ck
8-Aug	08:00	446191	162	10064.5	0	33514.90	8.40	122.00	3.0	56	1.04	46.00	0.0	Ck
9-Aug	08:00	446353	168	10064.5	0	33523.30	7.70	119.00	3.0	50	2.06	46.00	0.5	Ck
10-Aug	08:00	446521	174	10064.5	0	33531.00	10.00	116.00	3.0	42	0.87	45.50	0.5	BH
11-Aug	08:00	446695	108	10064.5	0	33541.00	8.50	113.00	2.0	36	1.02	45.00	0.0	Bh
12-Aug	08:00	446803	233	10064.5	0	33549.50	9.00	111.00	3.0	30/102	0.87	45.00	0.8	Ck
13-Aug	08:00	447036	189	10064.5	0	33558.50	10.20	108.00	3.0	96	0.63	44.25	0.3	DH
14-Aug	08:00	447225	120	10064.5	0	33568.70	5.80	105.00	2.0	90	1.15	44.00	0.0	DHR
15-Aug	08:00	447345	130	10064.5	0	33574.50	6.70	103.00	2.0	84	1.31	44.00	1.0	Ck
16-Aug	08:00	447475	142	10064.5	0	33581.20	7.30	101.00	3.0	79	0.78	43.00	0.0	Ck
17-Aug	08:00	447617	156	10064.5	0	33588.50	8.20	98.00	3.0	73	0.85	43.00	0.5	Ck
18-Aug	08:00	447773	176	10064.5	0	33596.70	9.00	95.00	2.0	67	0.71	42.50	0.3	Ck
19-Aug	08:00	447949	152	10064.5	0	33605.70	7.70	93.00	3.0	60	0.64	42.25	0.3	DH
20-Aug	08:00	448101	161	10064.5	0	33613.40	8.50	90.00	3.0	54	1.25	42.00	0.0	JH
21-Aug	08:00	448262	169	10064.5	0	33621.90	8.70	87.00	20.0	48	0.98	42.00	1.0	JH
22-Aug	08:00	448431	164	10064.5	0	33630.60	8.50	67.00	-16.0	40	1.11	41.00	1.0	JH
23-Aug	08:00	448595	142	10064.5	0	33639.10	7.30	83.00	1.0	34	#####	40.00	0.0	JH
24-Aug	08:00	448737	151	10064.5	0	33646.40	7.80	82.00	3.0	28/100	0.28	40.00	0.0	DHR
25-Aug	08:00	448888	225	10064.5	0.1	33654.20	11.70	79.00	4.0	96	0.76	40.00	1.0	DH
26-Aug	08:00	449113	190	10064.6	0	33665.90	9.90	75.00	2.0	88	1.08	39.00	0.0	JH
27-Aug	08:00	449303	155	10064.6	0.1	33675.80	8.00	73.00	3.0	80	0.79	39.00	0.0	JH
28-Aug	08:00	449458	137	10064.7	0	33683.80	7.10	70.00	1.0	74	0.82	39.00	0.5	JH
29-Aug	08:00	449595	133	10064.7	0	33690.90	6.90	69.00	2.0	68	1.18	38.50	0.5	JH
30-Aug	08:00	449728	134	10064.7	0	33697.80	6.90	67.00	2.0	64	0.98	38.00	0.0	JH
31-Aug	08:00	449862	158	10064.7	0	33704.70	8.20	65.00	2.0	58	0.87	38.00	1.0	JH
1-Sep	08:00	450020		10064.7		33712.90		63.00	1.28	52	1.11	37.00		
TOT			4737				249							
AVE			158				8							
MAX			233				12							
MIN			108				6							

Ion Stear

SIGNATURE:   
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - WEST  
 FOR THE MONTH AUG. 2024  
 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	Pumpsage	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L		Scale	lbs Used
31-Jul	08:30	399723	76	8978.31	1.81	147.00	2.0	1.72	72.5	2.00	1.24	424.40	1.70	Ck
1-Aug	08:30	399799	57	8980.12	1.36	145.00	2.0	1.92	68	4.50	1.02	422.70	2.30	Ck
2-Aug	08:30	399856	75	8981.48	1.78	144.00	2.0	2.01	64	6.00	1.54	421.70	1.60	Ck
3-Aug	08:30	399931	76	8983.26	1.83	142.00	2.0	1.35	58	4.00	1.65	420.10	1.50	JH
4-Aug	08:30	400007	59	8985.09	1.4	140.00	1.0	3.26	54	4.00	3.41	418.60	1.30	Bh
5-Aug	08:30	400066	75	8986.49	1.79	139.00	1.0	1.81	50	6.00	1.27	417.30	1.30	Ck
6-Aug	08:30	400141	56	8988.28	1.35	138.00	3.0	1.78	44	6.00	1.54	416.00	1.10	Ck
7-Aug	08:30	400197	69	8989.63	1.61	135.00	1.0	1.71	38/100	4.00	1.44	414.90	1.40	Ck
8-Aug	08:30	400266	65	8991.24	1.58	134.00	0.0	1.81	96	6.00	1.14	413.50	1.40	Ck
9-Aug	08:30	400331	77	8992.82	1.83	132.00	1.0	1.62	90	6.00	1.92	412.10	1.50	Ck
10-Aug	08:30	400408	77	8994.65	1.85	130.00	1.5	1.58	84	4.00	1.35	410.60	1.70	Bh
11-Aug	08:30	400485	59	8996.5	1.4	128.50	0.5	1.62	80	4.00	1.04	408.90	1.20	Bh
12-Aug	08:30	400544	77	8997.9	1.85	128.00	1.0	1.45	76	6.00	1.64	407.70	1.80	Ck
13-Aug	08:30	400621	78	8999.75	1.85	127.00	2.0	1.99	70	4.00	1.55	405.90	1.70	DH
14-Aug	08:30	400699	38	9001.6	0.92	125.00	1.0	1.01	66	3.00	1.09	404.20	0.90	DH
15-Aug	08:30	400737	67	9002.52	1.55	124.00	2.0	1.47	63	5.00	1.72	403.30	1.50	Ck
16-Aug	08:30	400804	67	9004.07	1.64	122.00	1.0	1.69	58	5.00	1.31	401.80	1.40	Ck
17-Aug	08:30	400871	56	9005.71	1.34	121.00	1.0	1.45	53	3.00	1.15	400.40	1.10	Ck
18-Aug	08:30	400927	79	9007.05	1.9	120.00	1.0	1.45	50	6.00	1.85	399.30	1.60	Ck
19-Aug	08:30	401006	76	9008.95	1.82	119.00	2.0	1.32	44	4.00	1.62	397.70	1.50	DH
20-Aug	08:30	401082	59	9010.77	1.4	117.00	1.0	0.96	40	4.00	1.95	396.20	1.20	JH
21-Aug	08:30	401141	77	9012.17	1.83	116.00	1.0	0.63	36	6.00	1.99	395.00	1.50	JH
22-Aug	08:30	401218	58	9014	1.37	115.00	1.0	0.96	30	4.00	1.14	393.50	1.30	JH
23-Aug	08:30	401276	61	9015.37	1.43	114.00	1.0	1.14	26	4.00	2.59	392.20	1.30	JH
24-Aug	08:30	401337	77	9016.8	1.87	113.00	1.0	1.26	22/100	4.00	1.13	390.90	2.00	DHR
25-Aug	08:30	401414	100	9018.67	2.37	112.00	2.0	1.15	96	6.00	1.52	388.90	1.90	DH
26-Aug	08:30	401514	80	9021.04	1.91	110.00	1.0	1.42	90	6.00	1.75	387.00	1.90	JH
27-Aug	08:30	401594	76	9022.95	1.8	109.00	2.0	1.56	84	4.00	1.20	385.10	1.30	JH
28-Aug	08:30	401670	56	9024.75	1.33	107.00	1.0	1.41	80	4.00	1.41	383.80	1.20	JH
29-Aug	08:30	401726	75	9026.08	1.79	106.00	2.0	0.94	76	4.00	1.37	382.60	1.70	JH
30-Aug	08:30	401801	55	9027.87	1.32	104.00	1.0	0.79	72	6.00	1.70	380.90	1.00	JH
31-Aug	08:30	401856	76	9029.19	1.81	103.00	1.0	1.03	66	4.00	1.67	379.90	1.70	JH
1-Sep	08:30	401932		9031		102.00		0.94	62		1.21	378.20		JH
TOT			2133					48.21			51.12			
AVE			69					1.46			1.55			
MAX			100					3.26			3.41			
MIN			38					0.63			1.02			

SIGNATURE:    
 PHONE: 815-224-1650  
 Jon Stear

**VILLAGE OF POPLAR GROVE - SOUTH**  
**FOR THE MONTH OF AUG. 2024**  
**MONTHLY OPERATING REPORT**  
**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**  
**DIVISION OF PUBLIC WATER SUPPLIES**

IL0070300

Date	Time	Flow Meter		Hour Meter Well 5		Hour Meter Well 6		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
31-Jul	09:00	622340		4693.4		4758.10		152.00		1.70	104	393.00		Ck	
1-Aug	09:00	622430	85	4694.7	1.3	4758.10	0	151.00	2.0	1.55	100	391.90	2.60	Ck	
2-Aug	09:00	622515	110	4696	1.6	4758.10	0	149.00	2.0	1.65	96	389.30	2.60	Ck	
3-Aug	09:00	622625	40	4697.6	1.1	4758.10	0	147.00	-9.5	1.43	92	386.70	4.50	JH	
4-Aug	09:00	622665	202	4698.7	2.4	4758.10	0	156.50	13.5	1.08	90	382.20	3.20	BH	
5-Aug	09:00	622867	158	4701.1	2.5	4758.10	0	143.00	3.0	1.77	80	379.00	2.20	Ck	
6-Aug	09:00	623025	95	4703.6	1.4	4758.10	0	140.00	2.0	1.33	72	376.80	1.60	Ck	
7-Aug	09:00	623120	84	4705	1.4	4758.10	0	138.00	2.0	1.38	66	375.20	1.40	Ck	
8-Aug	09:00	623204	92	4706.3	1.3	4758.10	0	136.00	1.0	1.40	62	373.80	1.40	Ck	
9-Aug	09:00	623296	110	4707.7	1.9	4758.10	0	135.00	2.0	1.41	58	372.40	2.40	Ck	
10-Aug	09:00	623406	97	4709.6	1.3	4758.10	0	133.00	2.0	1.31	54	370.00	1.00	Bh	
11-Aug	09:00	623503	122	4710.9	1.8	4758.10	0	131.00	2.0	1.21	46	369.00	2.00	Bh	
12-Aug	09:00	623625	121	4712.7	1.9	4758.10	0	129.00	2.0	1.34	42	367.00	2.00	Ck	
13-Aug	09:00	623746	90	4714.6	1.4	4758.10	0	127.00	2.0	1.58	36/100	365.00	1.60	DH	
14-Aug	09:00	623836	88	4716	1.3	4758.10	0	125.00	2.0	1.30	96	363.40	1.40	DH	
15-Aug	09:00	623924	59	4717.3	0.9	4758.10	0	123.00	1.0	1.41	93	362.00	1.00	Ck	
16-Aug	09:00	623983	86	4718.2	1.3	4758.10	0	122.00	1.0	1.39	90	361.00	1.40	Ck	
17-Aug	09:00	624069	83	4719.5	1.2	4758.10	0	121.00	2.0	1.41	86	359.60	1.40	Ck	
18-Aug	09:00	624152	94	4720.7	1.5	4758.10	0	119.00	1.0	1.42	82	358.20	1.40	Ck	
19-Aug	09:00	624246	89	4722.2	1.4	4758.10	0.21	118.00	2.0	1.19	78	356.80	1.60	DH	
20-Aug	09:00	624335	91	4723.6	1.3	4758.31	0	116.00	2.0	1.42	74	355.20	1.20	JH	
21-Aug	09:00	624426	158	4724.9	2.4	4758.31	0	114.00	3.0	1.04	69	354.00	2.60	JH	
22-Aug	09:00	624584	120	4727.3	1.9	4758.31	0	111.00	2.0	0.95	65	351.40	2.20	JH	
23-Aug	09:00	624704	62	4729.2	0.9	4758.31	0	109.00	1.0	1.07	56	349.20	0.80	JH	
24-Aug	09:00	624766	150	4730.1	2.3	4758.31	0	108.00	1.5	1.84	52	348.40	2.60	DHR	
25-Aug	09:00	624916	155	4732.4	2.4	4758.31	0	106.50	3.5	1.44	46	345.80	2.60	DH	
26-Aug	09:00	625071	127	4734.8	1.9	4758.31	0	103.00	3.0	1.23	40	343.20	2.20	JH	
27-Aug	09:00	625198	120	4736.7	1.8	4758.31	0	100.00	2.0	1.38	34	341.00	1.80	JH	
28-Aug	09:00	625318	89	4738.5	1.4	4758.31	0	98.00	1.0	1.84	28	339.20	1.40	JH	
29-Aug	09:00	625407	87	4739.9	1.3	4758.31	0	97.00	2.0	0.90	22/102	337.80	1.40	JH	
30-Aug	09:00	625494	59	4741.2	0.9	4758.31	0	95.00	1.0	1.46	100	336.40	1.00	Jh	
31-Aug	09:00	625553	90	4742.1	1.4	4758.31	0	94.00	2.0	0.62	96	335.40	1.40	JH	
1-Sep	09:00	625643		4743.5		4758.31		92.00		1.17	92	334.00		JH	
TOT			3123				0								
AVE			104				0			1.35					
MAX			202				0			1.84					
MIN			40				0			0.90					

Ion Stear

SIGNATURE: \_\_\_\_\_  
 PHONE: 815-224-1650

**DAILY DISTRIBUTION MONITORING REPORT**

**VILLAGE OF POPLAR GROVE**  
**FOR THE MONTH OF AUG. 2024**  
**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**  
**DIVISION OF PUBLIC WATER SUPPLIES**

Date	North System (Wells 2 & 3)			West System (Well 4)			South System (Wells 5 & 6)			Flouride Analysis								
	Site #	Free Cl <sub>2</sub>	Total Cl <sub>2</sub>	PO <sub>4</sub>	Site #	Free Cl <sub>2</sub>	Total Cl <sub>2</sub>	PO <sub>4</sub>	Site #	Free Cl <sub>2</sub>	Total Cl <sub>2</sub>	PO <sub>4</sub>	Operator Initials	Slope Standard	Well #2	Well #3	Well #4	Well#5-6
1	Arturos	1.7		1.33	Tower	1.89		1.12	Tower	1.6		2.32	Ck	111%		0.62	0.68	0.73
2	Village	0.85		0.44	OL	1.49		1.34	GC	0.83		1.38	Ck			0.63	0.96	0.64
3																0.56	0.70	0.62
4																0.64	0.91	0.61
5	PW	1.2		1.49	GS	0.95		1.58	Tower	1.43		1.03	Ck			0.63	0.79	0.68
6	School	1.61		1.02	Garage	1.57		1.96	GC	1.07		1.43	Ck			.58	0.74	0.56
7	Village	0.85		1.7	OL	1.44		1.52	Tower	1.4		1.8	Ck			0.71	0.69	0.69
8	Arturos	1.43		1.24	Gs	0.93		1.41	GC	1.1		1.32	Ck			0.57	0.63	0.60
9	PW	1.03		1.92	Tower	1.39		1.14	Tower	1.1		2.24	Ck			0.55	1.20	0.68
10																0.58	0.72	0.63
11																0.70	0.71	.58
12	School	1.15		2.23	GS	1.13		1.65	GC	1.16		1.5	Ck	101%		0.49	0.76	0.68
13	FH	1.36		1.89	Tower	1.7		1.01	Tower	1.42		1.19	DH			0.72	0.88	0.56
14	Village	1.63		1.56	Garage	1.57		2.1	GC	1.31		1.05	DH			0.62	0.70	0.61
15	PW	1.14		1.52	OL	1		2.21	Tower	1.47		1.54	Ck			0.56	0.96	0.63
16	Arturos	1.71		1.23	GS	1.04		1.37	GC	1.13		1.42	Ck			0.55	0.64	0.61
17																1.00	0.61	0.57
18																0.56	1.00	0.64
19	School	1.72		1.17	O.L	1.18		1.13	Tower	1.39		0.75	DH	94%		0.46	0.95	0.53
20	village hal	1.06		2.24	gas station	0.5		1.35	tower	0.74		1.21	JH			0.64	0.69	0.63
21	F.H.	1.22		1.88	Tower	1.02		0.8	GC	0.9		1.68	JH			0.67	1.10	0.63
22	Village	1.46		1.81	Garage	1.1		1.49	Tower	0.87		1.11	JH			0.59	0.70	0.68
23	arturos	1.04		1.5	gas station	0.36		1.52	GC	0.78		1.32	JH			0.66	0.94	0.57
24																0.66	0.74	0.55
25																0.53	0.92	0.67
26	F.H.	1.13		1.46	O.L	1.69		1.25	GC	0.66		1.66	JH	100%		57%	0.94	0.68
27	Village	1.41		1.75	Gas	0.85		1.29	Tower	1.19		1.71	JH			0.60	0.81	0.44
28	Arturos	1.2		1.79	Garage	1.03		1.74	GC	0.77		1.23	JH			0.57	0.70	0.56
29	Firehouse	1.07		1.64	gas station	0.61		1.36	Tower	1.38		1.59	JH			0.66	0.77	0.56
30	Village	1.17		1.75	OL	1.01		1.04	Tower	1.33		1.49	JH	0.94		0.62	0.81	0.65
31																0.65	0.87	0.6

Signature:  Ion Stear  
PHONE: 815-224-1650