

Region 6 Compliance Assurance and Enforcement Division INSPECTION REPORT

Inspection Date(s):	07/28/2021		
Media:	Water		
Regulatory Program(s)	Clean Water Act		
Company Name:	City of Oakdale		
Facility Name:	City of Oakdale WWTP		
Facility Physical Location:	1724 Highway 10 East		
(city, state, zip code)	Oakdale, LA 71463		
Mailing address:	P.O. Box 728		
(city, state, zip code)	Oakdale, LA 71463		
County/Parish:	Allen Parish		
Facility Contact:	Gene Paul	Mayor	
	318-335-1111		
FRS Number:			
Identification/Permit Number:	LA0033430		
Media Number:	AI#19356		
NAICS:	221320		
SIC:	4952		
Personnel participating in inspection:			
Michael Williams	EPA/ 6EN-WMH	Inspector	281-983-2150
Robert Staehle	Town of Oakdale	Operator	337-481-7887
Marcelin Joseph, E.I.	MML&H	Engineering Consultant	318-448-0888
Leslie Taylor	LDEQ	State	337-491-2667
Nicholas Bent	LDEQ	State	337-491-2757
Jacob Latiolais	LDEQ	State	337-491-2667
EPA Lead Inspector Signature/Date	 MICHAEL WILLIAMS Michael D. Williams Digitally signed by MICHAEL WILLIAMS Date: 2021.09.15 08:25:02 -05'00'		
Supervisor Signature/Date	 Bernier, Roberto Roberto Bernier Digitally signed by Bernier, Roberto DN: cn=Bernier, Roberto, email=bernier.roberto@epa.gov Date: 2021.09.14 15:02:10 -05'00'		

Section I - Introduction

PURPOSE OF THE INSPECTION

EPA Region 6 inspector, Michael Williams and LDEQ Inspector Kevin Natali, contacted City of Oakdale via telephone the week of July 19, 2021 for a compliance inspection of the Oakdale Wastewater Treatment Plant (WWTP). Michael Williams arrived at Oakdale WWTP at 10:00 am on July 28, 2021 for an announced inspection and met with Robert Staehle, city operator and Marcelin Joseph, MML&H engineer for an opening conference. Mr. Staehle and Mr. Joseph were informed that this was an EPA lead compliance evaluation inspection to determine compliance with the facility's National Pollutant Discharge Elimination System (NPDES) permit and the Clean Water Act (CWA). The scope of the inspection was with permit LA0033430 and overall facility operations and maintenance. The inspection was conducted under the authority of the CWA and the NPDES permit program.

The information presented in this report is based on the materials and information supplied by City of Oakdale (Permittee) and their representatives, and by observations made during the inspection and records or reports maintained by the Permittee.

FACILITY DESCRIPTION

The current Oakdale WWTP is located at 1724 LA Highway 10 East, Oakdale, Allen Parish, Louisiana. The plant began operation in 1984 with a last major modification in 2013. The permitted design flow of the plant is 2.5 mgd. The treatment is supposed to be an extended aeration process with primary and secondary treatment. The plant consists of a mechanical and manual bar screens, grit chamber, 2 aeration lagoons that are supposed to have fine air diffusers, 3 clarifiers, cloth filter, post aeration chamber, chlorine contact chamber and v-notch flow chamber. There is a 40-acre lagoon that can be used to divert flow during high flows. The plant discharges into an unnamed ditch thence into Beaver Creek thence into Boggy Bayou thence into East Fork Bayou Nexipique.

Section II- Observations

This inspection revealed the following observations:

The Oakdale WWTP is in complete disrepair and it appears that it has been completely neglected. The plant is only providing minimal treatment from settling during dry weather. The plant does not have a single aeration lagoon or clarifier in operation. The city is only able to chlorinate the discharge and that is manually adjusted and not able to meet peak flow. If the plant is restored, the facility lacks the capability to remove solids from their treatment process. Without a process to manage solid inventory, the site will discharge higher level of solids that exceed permit limits via bypass or effluent violations.

The Permittee has violated their permit each month the last 3 years due to the failure, neglect, and mismanagement of the WWTP. The last major modification and investment was within the last 8 years. The site should not be in the current condition and because of the Permittee's ineffective attempt to operate and maintain the plant the facility is discharging excessive pollutants.

Meyer, Meyer, LaCroix and Hixson, Inc. (MML&H) has been retained to help rehab the facility. MML&H outline the scope of their rehab of the facility (Attachment A).

Section III- Areas of Concerns

This inspection revealed the following areas of concerns:

- The Permittee has violated Section B. General Conditions of their LPDES Permit LA0033430. The permittee shall at all times properly operate and maintain all facilities and systems of treatment which are installed or used by the permittee to achieve compliance with the conditions of the permit. The City of Oakdale has failed to comply with this provision of their permit. On the day of the inspection, no system was maintained or operated as design to comply with permit limitations.
- The Permittee has failed to operate the treatment plant as designed. The facility has several units that are bypassed that are supposed to be a part of the process. The second aeration lagoon and one of the primary clarifiers has not been in operation since the last modification in 2013. No documentation of modification of the permit for removing such units.
- The Permittee has failed to develop a method to manage solid inventory. Currently, the City of Oakdale is recycling solids into the aeration basin and wet weather lagoon. This contributes directly to the current violations of their permit. The facility does not have any dewatering capability or process to remove solids.
- MML&H proposal fails to remove the solid inventory or management of solids. The City of Oakdale has no plans to dredge or effectively remove solids from their lagoons. This is required to return the treatment process to the design specifications and rating. Capacity and effectiveness of treatment is reduced because of the solids.
- The City of Oakdale has submitted a permit renewal application that does not represent the current utilization of the plant. The Permittee failed to provide accurate record of design schematic to verify process and design capacity and rating.

Section IV – LIST OF APPENDICES

- Appendix A – MML&H outline of corrective actions
- Appendix B – City of Oakdale 3-year violation history
- Appendix C - Photolog

Appendix A

MML&H outline of corrective actions



Meyer, Meyer, LaCroix & Hixson, Inc.
Engineers and Land Surveyors

100 Engineer Place
Alexandria, Louisiana 71303
Ph: (318) 448-0888
Fax: (318) 448-0885
www.mmlh.com
mmlh@mmlh.com

August 4, 2021

Mr. Michael D. Williams
U.S. Environmental Protection Agency
Region 6
10625 Fallstone Rd. (6EN-ASH)
Houston, TX 77099-4303

Re: City of Oakdale
Sewer Collection and Treatment
Clean Water State Revolving Loan Program
Louisiana Department of Environmental Quality
MML&H File No.: 005-7277

Dear Mr. Williams:

In response to your request at the meeting held at the City of Oakdale's Wastewater Treatment Plant on July 28, 2021, please find below an outline of the corrective actions that will be taken as part of the ongoing project. The goal of this project is to bring the City of Oakdale's Wastewater Treatment Plant into compliance with its LPDES permit limits.

1. Primary Cell

The work scheduled for the Primary Cell includes the removal of the existing aeration system, and installing five floating aspirator aeration units, with a design aeration capacity of 360 lb/hr, with one aerator out of service.

2. Secondary Clarifiers

The existing 50-foot diameter secondary clarifiers will be dewatered and the sludge removed. The drive assemblies and electrical panels and to be replaced, so these two clarifier units will be put back into operation.

3. Mechanical Bar Screen

The existing automatic mechanical bar screen unit will be refurbished and returned to service.

4. Wet Weather Lift Station

The existing wet weather lift station will be refurbished with the installation of one pump and replacing the control panel, level controls, and related appurtenance.

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U.S. Environmental Protection Agency
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5. Return Activated Sludge Lift Station

The existing RAS lift station will be refurbished with the installation two pumps and pump bases, replace controls and appurtenances.

6. Cloth Media Filter Unit

The filter cloth media, the two backwash pumps, and the drive motor in the filter unit will be replaced. The filter vessel will also be recoated.

7. Composite Sampler and Effluent Flow Meter

The composite sewage sampler will be replaced with a fixed, refrigerated, automatic, 24-hour flow proportioning sewage sampler. The effluent flow meter will also be replaced.

8. Post Aeration Basin

The existing diffusers will be replaced in the post aeration basin.

The above list outlines the major components of work scheduled to take place under the ongoing construction project. Please do not hesitate contact me at (318) 448-0888 or by email at marcelin.joseph@mmlh.com if you have any questions or need additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Marcelin Joseph".

Marcelin Joseph, P.E.

MJ:mr

C: Honorable Gene Paul, Mayor City of Oakdale
Mr. Toi Ardoin, Public Works Superintendent City of Oakdale

Appendix B

City of Oakdale 3-year violation history

City of Oakdale WWTP LA0033430

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3yr Violation History

Monitoring Period End Date	Parameter Desc	DMR Value	Sample Type	Limit Frequency of Analysis Desc	Limit Value	Statistical Base Short Desc	Limit Unit Desc
21-Jul	Solids, total suspended	15.78	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
21-Jul	BOD, carbonaceous [5 day, 20 C]	17.19	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
21-Jul	Nitrogen, ammonia total [as N]	10.15	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
21-Jul	Coliform, fecal general	360	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
21-Jul	Oxygen, dissolved [DO]	4.51	Grab	Twice per Week	6	MO AV MN	Milligrams per Liter
21-Jul	Solids, total suspended	349.38	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
21-Jul	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
21-Jul	Nitrogen, ammonia total [as N]	8.03	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
21-Jul	BOD, carbonaceous [5 day, 20 C]	360.63	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
21-Jul	Nitrogen, ammonia total [as N]	177.88	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
21-Jul	BOD, carbonaceous [5 day, 20 C]	20.95	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
21-Jun	Solids, total suspended	400.24	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
21-Jun	Whole Effluent Toxicity [WET] - P. promelas	55	24 Hour Composite	Quarterly	97	MO AV MN	Percent
21-Jun	BOD, carbonaceous [5 day, 20 C]	20.47	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter

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21-Jun	BOD, carbonaceous [5 day, 20 C]	451.78	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
21-Jun	Oxygen, dissolved [DO]	4.84	Grab	Twice per Week	6	MO AV MIN	Milligrams per Liter
21-Jun	Nitrogen, ammonia total [as N]	8.69	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
21-Jun	Nitrogen, ammonia total [as N]	191.85	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
21-Jun	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
21-Jun	BOD, carbonaceous [5 day, 20 C]	35.4	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
21-Jun	Coliform, fecal general	155	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
21-Jun	Whole Effluent Toxicity [WET] - P. promelas	55	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
21-Jun	Solids, total suspended	18.13	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
21-Jun	Nitrogen, ammonia total [as N]	10.6	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
21-May	Coliform, fecal general	77	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
21-May	Solids, total suspended	396.41	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
21-May	BOD, carbonaceous [5 day, 20 C]	36.57	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
21-May	Coliform, fecal general	63	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
21-May	BOD, carbonaceous [5 day, 20 C]	654.2	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
21-May	Nitrogen, ammonia total [as N]	135.2	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day

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21-May	Nitrogen, ammonia total [as N]	5.15	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
21-May	BOD, carbonaceous [5 day, 20 C]	24.92	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
21-May	Solids, total suspended	15.1	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
21-Apr	Nitrogen, ammonia total [as N]	12.16	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
21-Apr	BOD, carbonaceous [5 day, 20 C]	521.6	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
21-Apr	BOD, carbonaceous [5 day, 20 C]	36.04	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
21-Apr	Solids, total suspended	452.35	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
21-Apr	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
21-Apr	Coliform, fecal general	360	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
21-Apr	Nitrogen, ammonia total [as N]	167.92	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
21-Apr	BOD, carbonaceous [5 day, 20 C]	20.93	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
21-Apr	Solids, total suspended	18.15	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
21-Apr	Nitrogen, ammonia total [as N]	6.74	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
21-Mar	Solids, total suspended	18.29	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
21-Mar	BOD, carbonaceous [5 day, 20 C]	31.26	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
21-Mar	BOD, carbonaceous [5 day, 20 C]	44.71	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter

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21-Mar	Nitrogen, ammonia total [as N]	162.89	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
21-Mar	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
21-Mar	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	MO AV MN	Percent
21-Mar	Nitrogen, ammonia total [as N]	9.34	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
21-Mar	Solids, total suspended	318.92	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
21-Mar	Coliform, fecal general	421	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
21-Mar	Nitrogen, ammonia total [as N]	10.8	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
21-Mar	BOD, carbonaceous [5 day, 20 C]	545.15	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
21-Mar	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
21-Feb	BOD, carbonaceous [5 day, 20 C]	26.87	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
21-Feb	Nitrogen, ammonia total [as N]	11.22	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
21-Feb	BOD, carbonaceous [5 day, 20 C]	513.65	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
21-Feb	Nitrogen, ammonia total [as N]	7.47	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
21-Feb	Coliform, fecal general	50	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
21-Feb	Nitrogen, ammonia total [as N]	142.74	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
21-Feb	Coliform, fecal general	520	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters

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21-Feb	BOD, carbonaceous [5 day, 20 C]	51.08	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
21-Jan	BOD, carbonaceous [5 day, 20 C]	15.58	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
21-Jan	Nitrogen, ammonia total [as N]	6.51	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
21-Jan	Nitrogen, ammonia total [as N]	9.05	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
21-Jan	Nitrogen, ammonia total [as N]	126.02	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
21-Jan	BOD, carbonaceous [5 day, 20 C]	14.32	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
21-Jan	BOD, carbonaceous [5 day, 20 C]	277.39	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-Dec	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	MO AV MN	Percent
20-Dec	BOD, carbonaceous [5 day, 20 C]	492.1	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-Dec	BOD, carbonaceous [5 day, 20 C]	31.43	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
20-Dec	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
20-Dec	Coliform, fecal general	50	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
20-Dec	Chlorine, total residual	0.05	Grab	Twice per Week	0.033	DAILY MX	Milligrams per Liter
20-Dec	Nitrogen, ammonia total [as N]	7.16	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-Dec	Nitrogen, ammonia total [as N]	148.32	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
20-Dec	Nitrogen, ammonia total [as N]	9.55	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter

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20-Dec	BOD, carbonaceous [5 day, 20 C]	23.75	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-Dec	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
20-Nov	Solids, total suspended	288.72	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
20-Nov	BOD, carbonaceous [5 day, 20 C]	441.51	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-Nov	Nitrogen, ammonia total [as N]	96.56	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
20-Nov	Nitrogen, ammonia total [as N]	8.39	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-Nov	Solids, total suspended	32.94	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
20-Nov	Nitrogen, ammonia total [as N]	9.91	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
20-Nov	BOD, carbonaceous [5 day, 20 C]	38.35	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-Nov	BOD, carbonaceous [5 day, 20 C]	55.48	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
20-Nov	Solids, total suspended	25.08	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
20-Oct	Nitrogen, ammonia total [as N]	6.84	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-Oct	Solids, total suspended	27.55	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
20-Oct	Solids, total suspended	20.77	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
20-Oct	BOD, carbonaceous [5 day, 20 C]	204.73	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-Oct	Nitrogen, ammonia total [as N]	79.41	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day

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20-Oct	BOD, carbonaceous [5 day, 20 C]	21.58	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
20-Oct	BOD, carbonaceous [5 day, 20 C]	17.64	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-Oct	Solids, total suspended	241.05	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
20-Oct	Nitrogen, ammonia total [as N]	9.18	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
20-Sep	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	MO AV MN	Percent
20-Sep	Nitrogen, ammonia total [as N]	111.78	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
20-Sep	Nitrogen, ammonia total [as N]	9.89	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-Sep	BOD, carbonaceous [5 day, 20 C]	17.44	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-Sep	BOD, carbonaceous [5 day, 20 C]	28.34	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
20-Sep	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
20-Sep	Nitrogen, ammonia total [as N]	12.5	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
20-Sep	Solids, total suspended	27	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
20-Sep	Solids, total suspended	17.51	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
20-Sep	BOD, carbonaceous [5 day, 20 C]	197.12	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-Aug	BOD, carbonaceous [5 day, 20 C]	17.36	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-Aug	Solids, total suspended	25.03	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter

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20-Aug	BOD, carbonaceous [5 day, 20 C]	195.83	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-Aug	Nitrogen, ammonia total [as N]	99.22	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
20-Aug	Solids, total suspended	19.22	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
20-Aug	BOD, carbonaceous [5 day, 20 C]	19.99	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
20-Aug	Nitrogen, ammonia total [as N]	8.8	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-Aug	Nitrogen, ammonia total [as N]	11.18	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
20-Jul	Solids, total suspended	39.33	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
20-Jul	Nitrogen, ammonia total [as N]	98.18	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
20-Jul	BOD, carbonaceous [5 day, 20 C]	259.49	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-Jul	BOD, carbonaceous [5 day, 20 C]	22.45	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-Jul	Solids, total suspended	24.24	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
20-Jul	Nitrogen, ammonia total [as N]	8.37	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-Jul	BOD, carbonaceous [5 day, 20 C]	27.97	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
20-Jul	Solids, total suspended	282.94	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
20-Jul	Nitrogen, ammonia total [as N]	9.71	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
20-Jun	Nitrogen, ammonia total [as N]	106.34	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day

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20-Jun	Nitrogen, ammonia total [as N]	11.63	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-Jun	Nitrogen, ammonia total [as N]	12.55	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
20-Jun	Coliform, fecal general	77	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
20-Jun	Coliform, fecal general	27	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
20-Jun	BOD, carbonaceous [5 day, 20 C]	202.5	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-Jun	Whole Effluent Toxicity [WET] - P. promelas	41	24 Hour Composite	Quarterly	97	MO AV MN	Percent
20-Jun	BOD, carbonaceous [5 day, 20 C]	24.37	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
20-Jun	BOD, carbonaceous [5 day, 20 C]	22.15	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-Jun	Solids, total suspended	15.19	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
20-Jun	Solids, total suspended	24.37	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
20-Jun	Whole Effluent Toxicity [WET] - P. promelas	41	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
20-May	Coliform, fecal general	81	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
20-May	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
20-May	Nitrogen, ammonia total [as N]	8.01	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-May	BOD, carbonaceous [5 day, 20 C]	305.43	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-May	BOD, carbonaceous [5 day, 20 C]	24.2	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter

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20-May	Solids, total suspended	251.97	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
20-May	Nitrogen, ammonia total [as N]	116.01	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
20-May	BOD, carbonaceous [5 day, 20 C]	21.08	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-May	Nitrogen, ammonia total [as N]	9.91	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
20-May	Solids, total suspended	17.39	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
20-Apr	Coliform, fecal general	27	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
20-Apr	Nitrogen, ammonia total [as N]	104.31	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
20-Apr	Nitrogen, ammonia total [as N]	12.85	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
20-Apr	Solids, total suspended	288.15	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
20-Apr	Coliform, fecal general	190	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
20-Apr	BOD, carbonaceous [5 day, 20 C]	36.28	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-Apr	BOD, carbonaceous [5 day, 20 C]	43.68	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
20-Apr	Solids, total suspended	24.95	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
20-Apr	Nitrogen, ammonia total [as N]	9.03	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-Apr	BOD, carbonaceous [5 day, 20 C]	419.1	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-Apr	Solids, total suspended	36	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter

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20-Mar	Solids, total suspended	40.18	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
20-Mar	Whole Effluent Toxicity [WET] - C. dubia	73	24 Hour Composite	Quarterly	97	MO AV MN	Percent
20-Mar	BOD, carbonaceous [5 day, 20 C]	597.79	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-Mar	Solids, total suspended	26.38	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
20-Mar	Solids, total suspended	365.71	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
20-Mar	BOD, carbonaceous [5 day, 20 C]	43.11	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-Mar	Nitrogen, ammonia total [as N]	145.85	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
20-Mar	Whole Effluent Toxicity [WET] - C. dubia	73	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
20-Mar	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
20-Mar	Nitrogen, ammonia total [as N]	10.52	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-Mar	BOD, carbonaceous [5 day, 20 C]	49.73	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
20-Mar	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
20-Mar	Nitrogen, ammonia total [as N]	12.7	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
20-Mar	Coliform, fecal general	196	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
20-Mar	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	MO AV MN	Percent
20-Feb	BOD, carbonaceous [5 day, 20 C]	444.75	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day

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20-Feb	Nitrogen, ammonia total [as N]	118.22	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
20-Feb	BOD, carbonaceous [5 day, 20 C]	31.84	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-Feb	Nitrogen, ammonia total [as N]	8.46	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-Feb	Solids, total suspended	244.78	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
20-Feb	Nitrogen, ammonia total [as N]	12.15	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
20-Feb	BOD, carbonaceous [5 day, 20 C]	50.52	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
20-Feb	Solids, total suspended	17.52	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
20-Feb	Coliform, fecal general	44	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
20-Feb	Coliform, fecal general	110	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
20-Jan	Solids, total suspended	29.59	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
20-Jan	BOD, carbonaceous [5 day, 20 C]	48.99	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
20-Jan	BOD, carbonaceous [5 day, 20 C]	348.6	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
20-Jan	Nitrogen, ammonia total [as N]	10.77	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
20-Jan	Nitrogen, ammonia total [as N]	131.18	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
20-Jan	BOD, carbonaceous [5 day, 20 C]	28.63	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
20-Jan	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters

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20-Jan	Solids, total suspended	16.37	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
20-Jan	Coliform, fecal general	137	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
20-Jan	Nitrogen, ammonia total [as N]	14.41	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
19-Dec	BOD, carbonaceous [5 day, 20 C]	410.13	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
19-Dec	Whole Effluent Toxicity [WET] - C. dubia	73	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
19-Dec	Nitrogen, ammonia total [as N]	16.15	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
19-Dec	Coliform, fecal general	135	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
19-Dec	Nitrogen, ammonia total [as N]	135.78	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
19-Dec	BOD, carbonaceous [5 day, 20 C]	58.52	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Dec	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	MO AV MN	Percent
19-Dec	Whole Effluent Toxicity [WET] - C. dubia	73	24 Hour Composite	Quarterly	97	MO AV MN	Percent
19-Dec	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
19-Dec	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
19-Dec	Solids, total suspended	18.14	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
19-Dec	Solids, total suspended	25.33	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
19-Dec	BOD, carbonaceous [5 day, 20 C]	45.75	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter

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19-Dec	Nitrogen, ammonia total [as N]	15.14	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
19-Nov	BOD, carbonaceous [5 day, 20 C]	44.01	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Nov	Nitrogen, ammonia total [as N]	12.18	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
19-Nov	BOD, carbonaceous [5 day, 20 C]	354.49	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
19-Nov	Coliform, fecal general	275	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
19-Nov	Nitrogen, ammonia total [as N]	13.88	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
19-Nov	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
19-Nov	BOD, carbonaceous [5 day, 20 C]	33.34	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
19-Nov	Nitrogen, ammonia total [as N]	129.55	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
19-Oct	BOD, carbonaceous [5 day, 20 C]	33.73	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Oct	Nitrogen, ammonia total [as N]	159.03	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
19-Oct	Nitrogen, ammonia total [as N]	11.59	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
19-Oct	BOD, carbonaceous [5 day, 20 C]	27.42	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
19-Oct	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
19-Oct	Nitrogen, ammonia total [as N]	12.76	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
19-Oct	Oxygen, dissolved [DO]	5.15	Grab	Twice per Week	6	MO AV MN	Milligrams per Liter

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19-Oct	Coliform, fecal general	114	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
19-Oct	Solids, total suspended	18.98	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
19-Oct	BOD, carbonaceous [5 day, 20 C]	376.15	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
19-Oct	Solids, total suspended	28.68	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
19-Oct	Solids, total suspended	260.37	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
19-Sep	Nitrogen, ammonia total [as N]	118.4	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
19-Sep	Nitrogen, ammonia total [as N]	8.54	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
19-Sep	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	MO AV MN	Percent
19-Sep	Solids, total suspended	21.27	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
19-Sep	BOD, carbonaceous [5 day, 20 C]	282.15	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
19-Sep	Coliform, fecal general	62	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
19-Sep	BOD, carbonaceous [5 day, 20 C]	24.55	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Sep	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
19-Sep	Nitrogen, ammonia total [as N]	11.36	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
19-Sep	Solids, total suspended	294.92	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
19-Sep	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters

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19-Sep	BOD, carbonaceous [5 day, 20 C]	20.35	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
19-Sep	Oxygen, dissolved [DO]	5.4	Grab	Twice per Week	6	MO AV MN	Milligrams per Liter
19-Sep	Solids, total suspended	28.47	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
19-Aug	BOD, carbonaceous [5 day, 20 C]	16.91	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
19-Aug	Nitrogen, ammonia total [as N]	18.37	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
19-Aug	BOD, carbonaceous [5 day, 20 C]	21.74	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Aug	Nitrogen, ammonia total [as N]	217.05	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
19-Aug	Nitrogen, ammonia total [as N]	12.25	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
19-Aug	BOD, carbonaceous [5 day, 20 C]	299.72	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
19-Jul	BOD, carbonaceous [5 day, 20 C]	216.33	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
19-Jul	BOD, carbonaceous [5 day, 20 C]	13.72	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
19-Jul	BOD, carbonaceous [5 day, 20 C]	17.09	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Jul	Nitrogen, ammonia total [as N]	213.78	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
19-Jul	Solids, total suspended	25.73	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
19-Jul	Solids, total suspended	41.79	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
19-Jul	Nitrogen, ammonia total [as N]	28.04	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter

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19-Jul	Solids, total suspended	405.57	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
19-Jul	Nitrogen, ammonia total [as N]	13.56	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
19-Jun	Whole Effluent Toxicity [WET] - P. promelas	55	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
19-Jun	Nitrogen, ammonia total [as N]	12.3	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
19-Jun	BOD, carbonaceous [5 day, 20 C]	36.66	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Jun	BOD, carbonaceous [5 day, 20 C]	218.89	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
19-Jun	BOD, carbonaceous [5 day, 20 C]	25.3	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
19-Jun	Nitrogen, ammonia total [as N]	9.23	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
19-Jun	Whole Effluent Toxicity [WET] - P. promelas	55	24 Hour Composite	Quarterly	97	MO AV MIN	Percent
19-Jun	Nitrogen, ammonia total [as N]	79.87	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
19-Jun	Solids, total suspended	41.64	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
19-Jun	Solids, total suspended	33.66	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
19-Jun	Solids, total suspended	291.27	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
19-May	Coliform, fecal general	245	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
19-May	Solids, total suspended	18.1	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
19-May	BOD, carbonaceous [5 day, 20 C]	15.79	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter

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19-May	Nitrogen, ammonia total [as N]	8.65	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
19-May	Coliform, fecal general	24	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
19-May	BOD, carbonaceous [5 day, 20 C]	261.56	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
19-May	Nitrogen, ammonia total [as N]	7.22	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
19-May	Solids, total suspended	289.69	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
19-May	Nitrogen, ammonia total [as N]	113.04	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
19-May	BOD, carbonaceous [5 day, 20 C]	24.14	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Apr	Nitrogen, ammonia total [as N]	6.6	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
19-Apr	Nitrogen, ammonia total [as N]	99.94	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
19-Apr	BOD, carbonaceous [5 day, 20 C]	19.84	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Apr	BOD, carbonaceous [5 day, 20 C]	15.34	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
19-Apr	BOD, carbonaceous [5 day, 20 C]	242.42	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
19-Apr	Nitrogen, ammonia total [as N]	9.36	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
19-Mar	BOD, carbonaceous [5 day, 20 C]	23	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
19-Mar	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
19-Mar	Whole Effluent Toxicity [WET] - C. dubia	73	24 Hour Composite	Quarterly	97	MO AV MN	Percent

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19-Mar	Whole Effluent Toxicity [WET] - C. dubia	73	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
19-Mar	Nitrogen, ammonia total [as N]	13	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
19-Mar	Nitrogen, ammonia total [as N]	10	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
19-Mar	BOD, carbonaceous [5 day, 20 C]	28	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Mar	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite	Quarterly	97	MO AV MN	Percent
19-Mar	BOD, carbonaceous [5 day, 20 C]	267.78	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
19-Mar	Nitrogen, ammonia total [as N]	117.55	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
19-Feb	Coliform, fecal general	110	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
19-Feb	BOD, carbonaceous [5 day, 20 C]	35.76	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Feb	BOD, carbonaceous [5 day, 20 C]	332.79	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
19-Feb	Nitrogen, ammonia total [as N]	13.36	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
19-Feb	Nitrogen, ammonia total [as N]	10.83	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
19-Feb	Coliform, fecal general	310	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
19-Feb	Nitrogen, ammonia total [as N]	152.74	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
19-Feb	BOD, carbonaceous [5 day, 20 C]	24.24	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
19-Jan	BOD, carbonaceous [5 day, 20 C]	319.35	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day

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19-Jan	Coliform, fecal general	600	Grab		Twice per Week	400	WKAV GEO	Number per 100 Milliliters
19-Jan	BOD, carbonaceous [5 day, 20 C]	16.38	6 Hour Composite		Twice per Week	10	MO AVG	Milligrams per Liter
19-Jan	Coliform, fecal general	31	Grab		Twice per Week	200	MOAV GEO	Number per 100 Milliliters
19-Jan	Nitrogen, ammonia total [as N]	8.94	6 Hour Composite		Twice per Week	8	WKLY AVG	Milligrams per Liter
19-Jan	Nitrogen, ammonia total [as N]	146.38	6 Hour Composite		Twice per Week	61	MO AVG	Pounds per Day
19-Jan	BOD, carbonaceous [5 day, 20 C]	17.32	6 Hour Composite		Twice per Week	15	WKLY AVG	Milligrams per Liter
19-Jan	Nitrogen, ammonia total [as N]	7.58	6 Hour Composite		Twice per Week	4	MO AVG	Milligrams per Liter
18-Dec	Nitrogen, ammonia total [as N]	167.7	6 Hour Composite		Twice per Week	61	MO AVG	Pounds per Day
18-Dec	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite		Quarterly	97	MO AV MN	Percent
18-Dec	Whole Effluent Toxicity [WET] - P. promelas	31	24 Hour Composite		Quarterly	97	7 DA MIN	Percent
18-Dec	Nitrogen, ammonia total [as N]	9.63	6 Hour Composite		Twice per Week	4	MO AVG	Milligrams per Liter
18-Dec	BOD, carbonaceous [5 day, 20 C]	254.24	6 Hour Composite		Twice per Week	153	MO AVG	Pounds per Day
18-Dec	Nitrogen, ammonia total [as N]	11.4	6 Hour Composite		Twice per Week	8	WKLY AVG	Milligrams per Liter
18-Dec	Oxygen, dissolved [DO]	3.98	Grab		Twice per Week	5	MO AV MN	Milligrams per Liter
18-Dec	BOD, carbonaceous [5 day, 20 C]	16.14	6 Hour Composite		Twice per Week	15	WKLY AVG	Milligrams per Liter
18-Dec	BOD, carbonaceous [5 day, 20 C]	14.26	6 Hour Composite		Twice per Week	10	MO AVG	Milligrams per Liter

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18-Nov	BOD, carbonaceous [5 day, 20 C]	17.1	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
18-Nov	Solids, total suspended	236.96	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
18-Nov	Nitrogen, ammonia total [as N]	9.9	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
18-Nov	Nitrogen, ammonia total [as N]	12.55	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
18-Nov	BOD, carbonaceous [5 day, 20 C]	15.6	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
18-Nov	Oxygen, dissolved [DO]	4.88	Grab	Twice per Week	6	MO AV MN	Milligrams per Liter
18-Nov	Nitrogen, ammonia total [as N]	142.17	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
18-Nov	BOD, carbonaceous [5 day, 20 C]	239.5	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
18-Oct	Solids, total suspended	26	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
18-Oct	Nitrogen, ammonia total [as N]	130.89	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
18-Oct	Solids, total suspended	19	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
18-Oct	BOD, carbonaceous [5 day, 20 C]	17.12	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
18-Oct	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
18-Oct	BOD, carbonaceous [5 day, 20 C]	14.08	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
18-Oct	Coliform, fecal general	38	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
18-Oct	Nitrogen, ammonia total [as N]	11.95	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter

City of Oakdale WWTP LA0033430

Inspection Date 7/28/2021

3yr Violation History

18-Oct	BOD, carbonaceous [5 day, 20 C]	199.22	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
18-Oct	Solids, total suspended	251.03	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
18-Oct	Nitrogen, ammonia total [as N]	9.34	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
18-Sep	Solids, total suspended	301.18	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
18-Sep	Nitrogen, ammonia total [as N]	138.23	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
18-Sep	Whole Effluent Toxicity [WET] - C. dubia	41	24 Hour Composite	Quarterly	97	MO AV MN	Percent
18-Sep	BOD, carbonaceous [5 day, 20 C]	17	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
18-Sep	Whole Effluent Toxicity [WET] - P. promelas	41	24 Hour Composite	Quarterly	97	MO AV MN	Percent
18-Sep	BOD, carbonaceous [5 day, 20 C]	15	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter
18-Sep	Coliform, fecal general	77.5	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
18-Sep	Solids, total suspended	21	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
18-Sep	Nitrogen, ammonia total [as N]	9	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
18-Sep	Whole Effluent Toxicity [WET] - C. dubia	41	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
18-Sep	Solids, total suspended	28	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
18-Sep	Whole Effluent Toxicity [WET] - P. promelas	41	24 Hour Composite	Quarterly	97	7 DA MIN	Percent
18-Sep	Nitrogen, ammonia total [as N]	10	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter

City of Oakdale WWTP LA0033430

Inspection Date 7/28/2021

3yr Violation History

18-Sep	BOD, carbonaceous [5 day, 20 C]	217.57	6 Hour Composite	Twice per Week	153	MO AVG	Pounds per Day
18-Sep	Coliform, fecal general	55	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
18-Aug	Coliform, fecal general	25	Grab	Twice per Week	200	MOAV GEO	Number per 100 Milliliters
18-Aug	Coliform, fecal general	600	Grab	Twice per Week	400	WKAV GEO	Number per 100 Milliliters
18-Aug	Solids, total suspended	271.24	6 Hour Composite	Twice per Week	229	MO AVG	Pounds per Day
18-Aug	Solids, total suspended	30	6 Hour Composite	Twice per Week	15	MO AVG	Milligrams per Liter
18-Aug	BOD, carbonaceous [5 day, 20 C]	15.7	6 Hour Composite	Twice per Week	15	WKLY AVG	Milligrams per Liter
18-Aug	Nitrogen, ammonia total [as N]	11.1	6 Hour Composite	Twice per Week	4	MO AVG	Milligrams per Liter
18-Aug	Nitrogen, ammonia total [as N]	100.38	6 Hour Composite	Twice per Week	61	MO AVG	Pounds per Day
18-Aug	Nitrogen, ammonia total [as N]	12.1	6 Hour Composite	Twice per Week	8	WKLY AVG	Milligrams per Liter
18-Aug	Solids, total suspended	34.5	6 Hour Composite	Twice per Week	23	WKLY AVG	Milligrams per Liter
18-Aug	BOD, carbonaceous [5 day, 20 C]	14.9	6 Hour Composite	Twice per Week	10	MO AVG	Milligrams per Liter

Appendix C

Photo Log

NPDES Inspection Photo Log					
Location:		City of Oakdale WWTP LA0033430			
Photographer:		Michael Williams			
Photo#	1	Date:	7/28/2021	Time:	10:15
Description		Bar Screen with a temporary pipe installed by operator to bypass when overflowing during heavy rain events			



NPDES Inspection Photo Log					
Location:		City of Oakdale WWTP LA0033430			
Photographer:		Michael Williams			
Photo#	2	Date:	7/28/2021	Time:	10:24am
Description		Clarifier #1 not in operation			



NPDES Inspection Photo Log

Location:	City of Oakdale WWTP LA0033430				
Photographer:	Michael Williams				
Photo#	3	Date:	7/28/2021	Time:	10:26am
Description	Clarifier #2 Not in operation				



NPDES Inspection Photo Log

Location:	City of Oakdale WWTP LA0033430				
Photographer:	Michael Williams				
Photo#	4	Date:	7/28/2021	Time:	10:28am
Description	Primary Aeration Lagoon. Air Diffusers not in operation. Heavy solid build up.				



NPDES Inspection Photo Log					
Location:		City of Oakdale WWTP LA0033430			
Photographer:		Michael Williams			
Photo#	5	Date:	7/28/2021	Time:	10:26am
Description		Clarifier #3			



NPDES Inspection Photo Log

Location:	City of Oakdale WWTP LA0033430				
Photographer:	Michael Williams				
Photo#	6	Date:	7/28/2021	Time:	10:46am
Description	Clarifier not in use.				



NPDES Inspection Photo Log

Location:	City of Oakdale WWTP LA0033430				
Photographer:	Michael Williams				
Photo#	7	Date:	7/28/2021	Time:	10:46am
Description	Outfall 001				

