

ENVIRONMENTAL COMPLIANCE & SAFETY DEPARTMENT STATUS REPORT
DECEMBER 2022

	<u>BOD</u>	<u>TSS</u>
Faulkner Lake	11.3 mg/L (30 Max.)	7.0 mg/L (30 Max.)
Maumelle	16.6 mg/L (30Max.)	14.0 mg/L (30 Max.)

	<u>CBOD</u>	<u>TSS</u>
Five Mile	11.2 mg/L (25 Max.)	12.0 mg/L (90 Max.)
White Oak	15.0 mg/L (25 Max.)	15.4 mg/L (90 max.)

Jaime Marrow
Office Assistant II



Memorandum

TO: Michael Clayton
FROM: Scott Kerby
DATE: 1/5/2022
RE: Engineering Department Major Projects Status

Rose City and Military Drive Basins Pipe Bursting 2021 Rehabilitation: The contractor began working on September 10, 2021. The contractor has successfully completed 24,364 linear feet of 26,215 linear feet of the pipe bursting project to date.

Rose City and Military Drive Basins CIPP 2021 Rehabilitation: The project is substantially complete. The contractor is working on the punch list.

Dixie and Baring Cross Basins Pipe Bursting 2021 Rehabilitation Project: This project consists of pipe bursting 18,858 linear feet of 6” and 8” sanitary sewer mains and externally reconnecting approximately 398 services. The contractor has successfully completed approximately 12,842 linear feet of the project to date.

Curtis Sykes and Meadow Park CIPP 2021 Rehabilitation Project: This project consists of CIPP rehabilitation of 20,955 linear feet of 6”-15” secondary sewer mains. The Notice to Proceed was issued March 29, 2022. The project is substantially complete. The contractor is working on the punch list.

Lower Riverside Interceptor CIPP 2017 Rehabilitation Project: This project consists of CIPP rehabilitation of 4,344 linear feet of 54” reinforced concrete pipe. The scope of the project begins two line segments upstream of the Faulkner Lake WRF headworks and continue upstream for 4,344 linear feet. The Notice of Award was issued to Insituform Technologies, LLC on March 16, 2022. The Notice to Proceed was issued May 25, 2022. The CIPP installation is complete. The contractor is working on the punch list items.

Curtis Sykes and Meadow Park Basins Pipe Bursting 2021 Rehabilitation Project: This project consists of pipe bursting rehabilitation of 27,194 linear feet of 6” and 8” secondary sanitary sewer mains and external reconnection of approximately 493 services. The Notice to Proceed was issued on April 25, 2022. The contractor has successfully completed approximately 23,146 linear feet of the project to date.

Biosolids Removal and Land Application: This project consists of removal of approximately 3,000 Dry Tons of biosolids from the Five Mile Creek Polishing Pond and approximately 3,500 Dry Tons of biosolids from the Faulkner Lake east lagoon. The contractor began removing biosolids from the Five Mile Creek WRF on June 6, 2022. The contractor has completed the

biosolids removal from the Five Mile Creek WRF. The contractor has removed approximately 890 dry tons from the Faulkner Lake WRF. The project is in the process of being closed.

Five Mile Creek Basin Interceptors Assessment: This project consists of multi-sensor inspection of approximately 37,161 linear feet of interceptors sizes 24”-36” within the Five Mile Creek WRF Basin. Bids were opened on April 28, 2022, and the low bidder is Ace Pipe Cleaning with a bid amount of \$238,034.10. The Notice of Award was issued May 11, 2022. The contractor has completed approximately 34,325 of 37,161 linear feet in the project.



Memorandum

TO: Michael Clayton
FROM: Lyle Leubner
DATE: 1/4/2023
RE: Treatment Report

Five Mile Plant

- Influent Generator is out of service due to a couple of major issues that have surfaced over the last two weeks. Currently, the diesel engine will not run due to a low oil pressure fault. The Kohler service rep is working to diagnose. The radiator is also leaking. Service rep quoted \$40,505 to remove radiator and have it repaired. Operations staff is planning to remove radiator in-house and deliver to a local radiator repair shop for a fraction of the cost.
- The 3" plant RPZ failed during the extreme cold on December 22nd. The RPZ "doghouse" was heated by a propane heater that failed. Both the RPZ and heater have been replaced.

Faulkner Lake Plant

- A dayshift operator left employment on December 15th. A replacement has already been hired and is undergoing training.
- The plant mobile air compressor has failed. The failed unit is over 20 years old and is critical to restoring sludge flows in plant piping that has clogged. A brand new replacement may be purchased from HGAC but has a lead time of at least 35 weeks. Fortunately, staff has located an inexpensive, but older used unit from the Federal Surplus. This unit was purchased and currently undergoing initial maintenance to be put in service this week and should be adequate until the new unit arrives.
- Parts have been ordered to rebuild all 4 sludge pumps on Primary Clarifiers 3 & 4.

White Oak Plant

- SCADA expansion project has made further progress. SCADA control panels have been built for both sets of lagoons. The panel for lagoons 3 & 4 has been mounted at the site, including the radio antenna. The panel will still need to be wired up to the individual aerator buckets. Conduit is being installed between the office and clarifier pump room.
- Coordinating with Maintenance department to have new influent VFDs installed.
- We are advertising to purchase new Bar Screen equipment. If approved, we will advertise for a contractor to install.

Maumelle

- Chlorine Ejector has failed, but has been repaired by staff.



Memorandum

TO: Michael Clayton
FROM: Brian Kirkendoll
DATE: 01/04/2023
RE: Pump Maintenance Report

Faulkner Lake Plant

- Replaced furnace fan motor on Filter Press Building
- Replaced seal in drive motor for Primary Clarifiers
- Replaced bearings in exhaust fan motor at Lab Building
- Built pipe measuring device for TV crews

Maumelle Treatment Plant

- Repaired bad cable on aerator # 2

Five Mile Treatment Plant

- Repaired starter on aerator # 124

Oakbrook

- Replaced flapper valve on pump # 1

Maumelle Valley

- Replaced starter on pump # 1

Marche'

- Pulled # 2 pump, removed debris

Naylor

- Pulled # 2 pump, removed debris



Memorandum

TO: Michael Clayton
FROM: Marybeth Eggleston
DATE: 1/3/2023
RE: Environmental Compliance & Safety Status Report

The December safety training on “Cold Weather Safety” was conducted via online activity. The video was posted, an email was sent to all staff with instructions on how to access it, and the timeline within to watch and send back signed acknowledgement.



MEMORANDUM

TO: MICHAEL CLAYTON
FROM: Tangelia Marshall
DATE: 01/03/2023
RE: Human Resources Department Report

Recruiting and Hiring

- We currently have open job postings for an Accountant, Civil Engineer, Electrician, and Maintenance Mechanic II.

Employee Benefits

- The next Retirement Committee meeting is scheduled for Wednesday, January 18th at 12:00 Noon.

Employee Policies

- Currently exploring options for revising our Standby, Overtime, and Holiday Pay policies to better reflect the intended purpose.

Safety

- Safety Committee meeting scheduled for January 25, 2023, at 2:30p.

Holiday

- NLR Wastewater will be closed on Monday, January 16th, 2023, in observance of the Dr. Martin Luther King, Jr. Holiday.



**NLRW Collections System Department
2022 Year-To-Date Work Recap Report**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Service Requests													
Total Requests	95	96	124	127	115	108	89	103	96	101	94	95	1243
Trouble Crew Calls	53	62	72	82	60	61	53	56	56	52	55	62	724
Private Line Issue	29	25	34	46	33	22	16	21	19	23	22	31	321
NLRW Main or Manhole Issue	5	11	5	12	3	12	8	16	9	5	11	11	108
NLRW Force Main Issue	0	0	0	1	0	0	0	0	1	1	0	1	4
Other	17	17	24	31	20	28	25	33	30	29	28	24	306
Construction													
Point Repair	16	13	22	29	10	19	19	20	19	22	17	19	225
Open Cut (LF)	168	0	0	0	0	135	0	601	77	55	137	262	1435
Manhole - Repair	14	8	15	15	14	6	10	17	5	16	6	4	130
Manhole - Rehab	23	18	23	13	31	20	15	31	40	39	22	36	311
Manhole - New Installation	1	0	0	1	0	1	1	3	2	0	1	2	12
Tap - New Installation	1	0	2	3	2	11	2	3	2	4	3	2	35
Tap - Disconnect	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance													
Pipeline Cleaning (LF)	116,104	103,555	186,185	172,249	129,987	112,505	98,142	157,198	130,935	144,444	90,669	102,167	1,544,140
Pipeline CCTV (LF)	34,584	19,287	30,917	27,445	28,572	23,139	14,919	34,395	15,496	11,366	19,675	30,635	290,430
Service Lines													
Assistance Program (LF)	57	42	13	31	4	10	0	0	6	87	65	31	346
Inspections - New	38	16	39	12	43	32	16	21	34	25	16	11	303
Inspections - Replacement	10	6	11	11	6	5	11	9	5	10	12	11	107

Cumulative SSO YTD vs Last 3 Years

