

ENVIRONMENTAL COMPLIANCE & SAFETY DEPARTMENT STATUS REPORT
JUNE 2024 (AS OF 6/28/24)

	<u>BOD</u>	<u>TSS</u>
Faulkner Lake	6.4 mg/L (30 Max.)	3.4 mg/L (30 Max.)
Maumelle	18.4 mg/L (30 Max.)	12.3 mg/L (30 Max.)

	<u>CBOD</u>	<u>TSS</u>
Five Mile	16.5 mg/L (25 Max.)	23.1 mg/L (90 Max.)
White Oak	14.2 mg/L (25 Max.)	23.1 mg/L (45 Max.)

Jaime Marrow
Office Assistant II



Memorandum

TO: Michael Clayton
FROM: Lyle Leubner
DATE: 7/1/2024
RE: Treatment Report

Faulkner Lake Plant

- Clarifier Mechanism and Structure Coating Project 2024 – Three bids were received on June 4th, 2024. During the vetting process, it was discovered that the low bidder, Mongan Painting, currently has an Arkansas Contractor’s license that is restricted to projects below \$750,000. The contractor was contacted, and it was discovered that they were concurrently renewing and upgrading their license to unlimited. The license has since been successfully upgraded, and this project is on this month’s committee agenda requesting approval.
- Influent Pump Station Controller- The controller is in a partial state of failure and would not send the signals out to control either of the small pumps. The issue began just before midnight on June 29th. The pumps are currently operated using manual control. We have parts on hand to restore this unit, but ultimately, it needs to be upgraded to the controller model that staff standardized for all plant installations. This failure has increased the priority of this project.
- Sludge Pump Grinder Controls – The controls for both sludge pump grinders are original to the 1995 Phase I Improvement project, and the controls for grinder #1 have failed. Staff are working to build an updated “Master Control” panel that will operate both grinders, complete with a control processor consistent with our other plant installations to allow better monitoring through the Ignition SCADA system.

Five Mile Plant

- Southeast Access Road – In house staff are completing a road through an existing gate to connect the SE corner of the polishing pond levee to the existing solar plant road to be used by sludge removal contractors.

White Oak Plant

- BarScreen Installation Project – The barscreen and conveyor system was successfully started up on June 11, 2024, and is currently in operation. Staff are working to integrate the alarms and status signals into the SCADA system. We are also studying the operation to tweak efficiency and minimize wear by finetuning the controls. The contractor will return to complete punch list items, including adjusting the isolation gates that will not seal off when closed.



White Oak Plant Continued

- Chlorine Induction Pump #2 – The pump is sitting at a local repair shop awaiting parts.
- Lagoon Aeration Upgrades – The new control panel has been assembled and is ready for field mounting. Staff have received 2 quotes for black water diving services to install the mooring cables to existing aerator blocks. An attempt was made for a 3rd quote, but the contractor has been non-responsive thus far.

Maumelle Plant

- Pond Levee Repair Project – Staff are waiting on ADEQ to provide the construction permit before the Notice to Proceed may be issued to the contractor. ADEQ estimated 90 days for this permit, with the clock not starting until May 1st. Based on experience with ADEQ, our Environmental Compliance Manager believes we may be as far as 60 days out, which puts us right at the September timeframe. The contractor indicated that the project will require 8 weeks to complete.
- CDL Sludge Driver – The position has been filled in house with Robert Robins. He began hauling the week of June 24th and had a successful first week.
- Comminutor Controls – The controls have failed on comminutor #2. The controls on all 3 comminutors are original and have resided in the weather for approximately 20 years. Last year, a similar situation occurred on comminutor #3, and a Band-Aid controller was thrown in place to get by. Comminutor #1 controls are functional, but the controller visibly appears in rough shape as it is discolored, and the indication lights are very dim. Staff have decided to bite the bullet and build a new master control panel that will operate all 3 comminutors. It is currently installed and hooked up to comminutor #2 to get that unit back online. It will be wired into control units 1 & 3 as time allows.



Memorandum

TO: Michael Clayton
FROM: Brian Kirkendoll
DATE: 7/3/2024
RE: Pump Maintenance Report

Faulkner Lake Treatment Plant

- Replaced wheels on gate # 2

White Oak Treatment Plant

- Pulled # 1 underflow pump for repairs (Wemco 3")

Five Mile Treatment Plant

- Repaired bar screens (would not work in auto)

Maumelle Treatment Plant

- Installed new surge arrestor on Effluent main disconnect
- Replaced 150 AMP breaker at Surge Basin
- Replaced aerator # 6 (25 HP)
- Pulled # 3 Surge Basin pump and removed debris
- Replaced fuse block on # 2 lagoon pump
- Pulled # 1 Surge Basin pump and removed debris

Maranes Pump Station

- Replaced start Capacitor and relay on # 1 pump (5 HP Pentair)
- Pulled # 1 pump and sent to ISI for repairs (5 HP Pentair)

Osage Hills Pump Station

- Built concrete forms and poured concrete for the curb and drainage

Rixie Hwy 161 Pump Station

- Repaired the electrical panel

Bouries Pump Station

- Replaced start and run capacitors, also replaced a relay on # 1 pump (5 HP Pentair)

Maumelle Valley Pump Station

- Met with Energy and bumped the voltage up going to the station

Chapel Ridge Pump Station

- Replaced work light over the wetwell

Diamond Point Pump Station

- Hooked up portable generator because of power outage

Eureka & Judy Pump Station

- Installed new # 1 pump (4 HP Flygt)

Palisades Pump Station

- Replaced discharge pipe on # 2 pump (25 HP Pentair)

Sherman Rd/ Hwy 365 Pump Station

- Repaired gate post

McAlmont Pump Station

- Replaced Scada antenna

Faulkner Lake Shop Work

- Replaced bearings and spindle shaft on lawn mower for Operations
- Painted poles & no parking around the shop doors
- Manufactured a socket for Operations
- Repaired pressure washer for Pump Crew
- Manufactured wetwell key for Scada



Memorandum

TO: Michael Clayton
FROM: Marybeth Eggleston
DATE: 7/1/2024
RE: Environmental Compliance & Safety Status Report

The June safety training on “Fatigue and Impairment” was conducted via online activity. The video was posted, an email was sent out to all staff with instructions on how to access the video, and the timeline within to watch and send back signed acknowledgement.

A Safety Committee meeting was held June 25th. The next safety committee meeting is scheduled for September 24th.

Laboratory staff performed the 2nd quarter Benchmark Performance Audit and successfully passed all parameters.



MEMORANDUM

TO: Michael Clayton, Executive Director
FROM: Alice Fulk, Human Resources Director
DATE: 07/01/2024
RE: Human Resources Department Report

Recruiting and Hiring

- Open job postings for Instrumentation Control Technician, Repair Crew Assistant's and a Pump Maintenance Mechanic. We just filled the Commercial Vehicle Driver position.

Employee Benefits

- The NLRW Retirement Committee met in May; our next meeting is August 21, 2024.

New Website

- The new website is fully operational now.

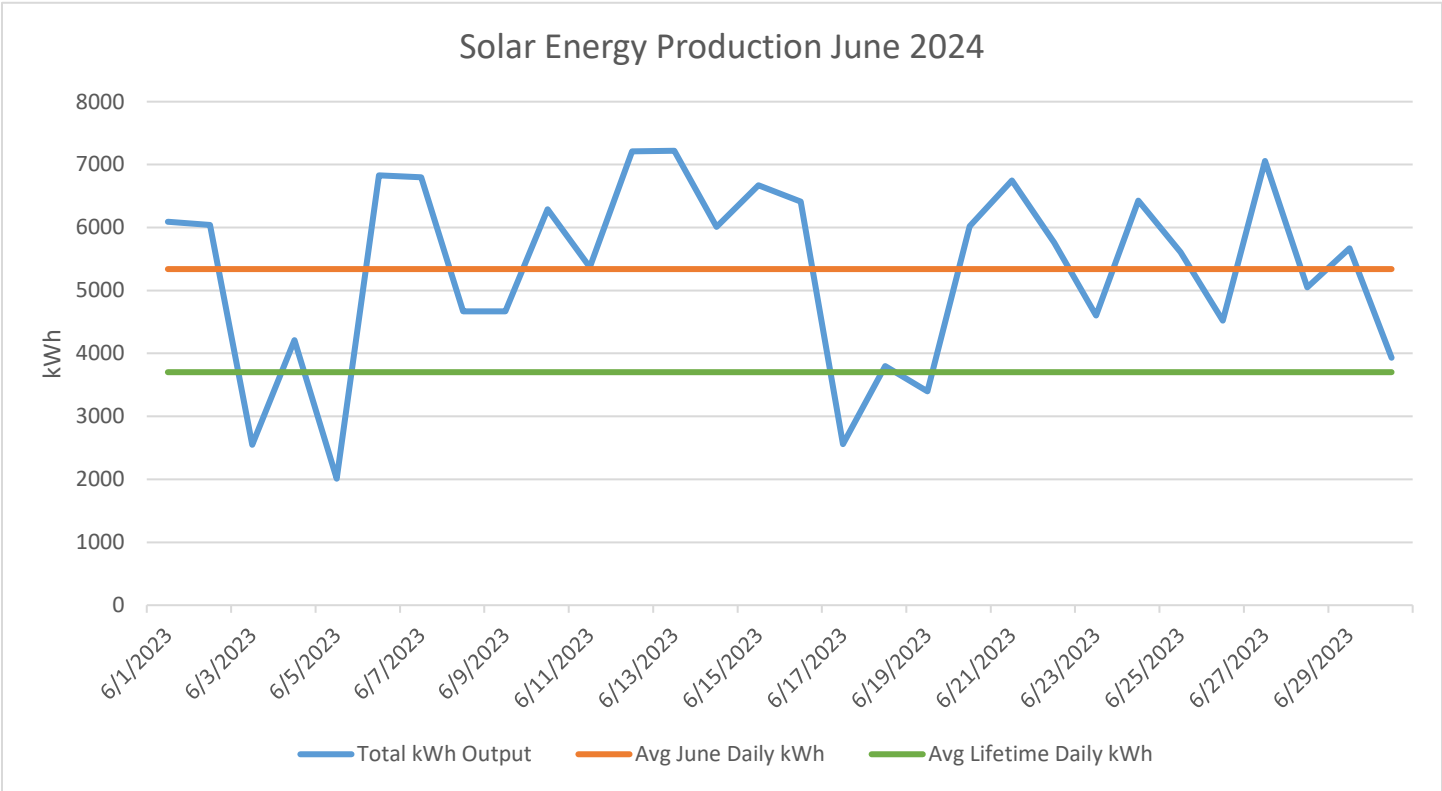
Training

- We are researching various trainings for utility employees.



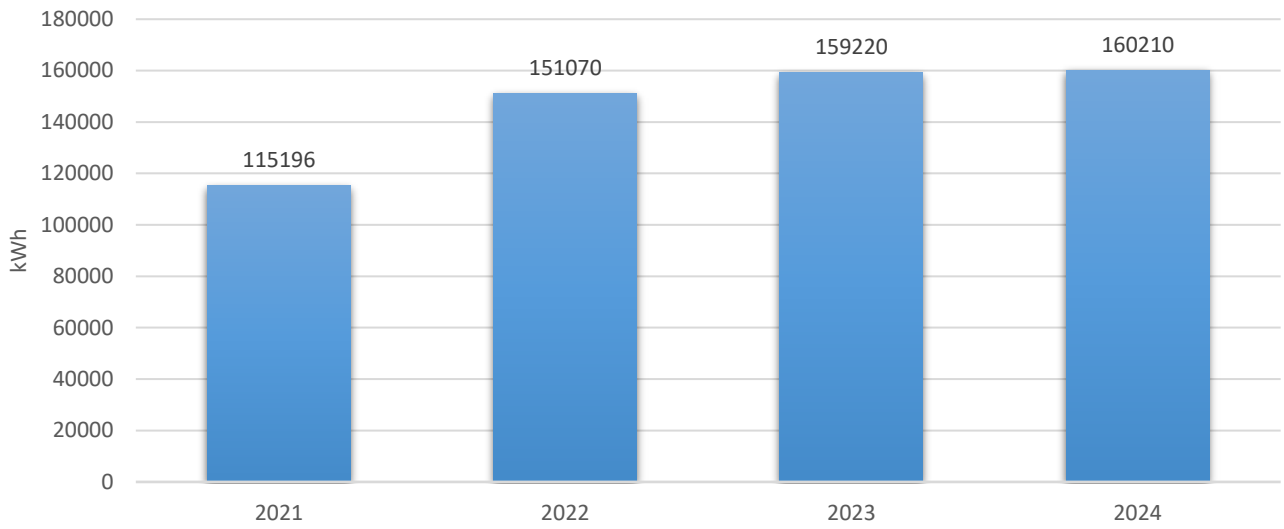
Memorandum

TO: Michael Clayton
FROM: Justin Shahan
DATE: July 1, 2024
RE: June Solar Plant Report

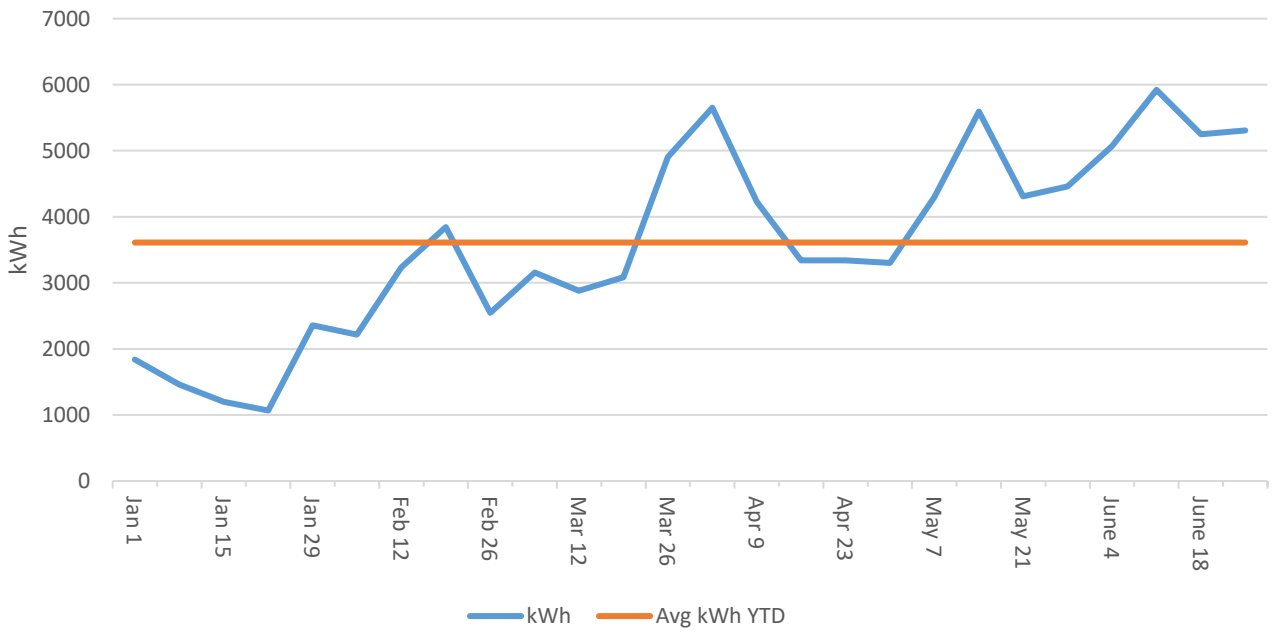


Week	kWh Production
June 1 – June 7	34530
June 8 – June 14	41440
June 15 – June 21	35610
June 22 – June 28	39030
June 29 – June 30	9600
Total kWh=	160210
Average June Daily kWh	5340
Average Lifetime Daily kWh	3702

June Year over Year



2024 kWh Production YTD





NLRW Maintenance & Construction Department
2024 Year-To-Date Work Recap Report

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Service Requests													
Total Requests	95	144	131	101	100	119							690
Trouble Crew Calls	65	78	78	54	54	63							392
Private Line Issue	24	29	28	13	20	17							131
NLRW Main or Manhole Issue	3	2	11	6	4	5							31
NLRW Force Main Issue	0	0	0	0	0	0							0
Other	27	33	32	31	28	36							187
Construction													
Point Repair	13	13	11	12	19	13							81
Open Cut (LF)	0	256	122	0	140	70							588
Manhole - Repair	33	25	18	20	13	8							117
Manhole - Rehab	4	17	20	15	13	19							88
Manhole - New Installation	2	5	7	4	0	0							18
Tap - New Installation	1	2	2	6	2	2							15
Tap - Disconnect	0	0	0	0	0	5							5
Maintenance													
Pipeline Cleaning (LF)	129,097	178,121	133,676	172,529	203,821	139,618							956,862
Pipeline CCTV (LF)	19,783	24,399	22,996	17,187	7,024	17,920							109,309
Service Lines													
Assistance Program (LF)	44	30	0	70	30	56							230
Inspections - New	10	45	25	46	18	32							176
Inspections - Replacement	8	11	13	13	14	15							74

