



ARKANSAS
ENERGY & ENVIRONMENT

Facility: City of Eureka Springs AR0021865

MEETING ATTENDANCE

Date: February 1, 2024 at 2:00pm via Zoom

Name	Organization	Job Title	E-Mail Address	Telephone Number
Richard Healey	DEQ	Enforcement Branch Manager	Richard.healy@adeq.state.ar.us	501-682-0640
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Thomas Harrington	DEQ	Compliance Analyst	Thomas.harrington@adeq.state.ar.us	501-682-0736
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Simon Wiley	Eureka Springs	Public Works Director	eswwtp@yahoo.com	479-253-9600
Terry Long	Eureka Springs	Plant Manager	swiley@eurekaspringsar.gov	479-253-7410
Michael Akins	Eureka Springs	Finance Director		479-253-9703
Zane Lewis	McClelland Consulting Engineers	Project Manager/Engineer	zlewis@mce.us.com	479-443-2377
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AGENDA

DEQ Zoom meeting with City of Eureka Springs

Thursday, February 1, 2024 at
2:00pm

1. Introductions
2. Request for Bypass
 - a. On January 19, 2024, Eureka Springs submitted a request to bypass the Lakeside pump station because the pump station stopped working. DEQ asked for clarification concerning the length of time for the bypass.
 - b. The City said there had been a series of catastrophic failures over the summer. Much of the equipment had been repaired or replaced but the grit and screening portions were still an issue. All 4 of the pumps at the Lakeside pumping station recently went down at the same time.
 - c. City stated that the worst-case scenario to repair or replace this equipment is \$500,000.00 and the earliest that the repairs could take place would be mid-February
 - d. City described the system as having two SBRs but that the Plant was not built to the original design because of lack of funding.
3. Operation During Bypass
 - a. DEQ asked if there is any screening during the bypass
 - b. City stated that there is a coarse bar screen but no fine screen or grit removal.
 - c. City stated that the influent can go back through the pumps but they do not believe that the fine screening is taking place.
4. Time Frame of the Bypass
 - a. DEQ asked how long the bypass would last
 - b. City stated that a new design of the SBRs would eliminate this pumping station and would add a new grit chamber and screening.
 - c. City stated that it would be at least a year to complete this because of the lack of funds.
 - d. DEQ stated that bypasses are for short-term issues
5. Last Update to the Treatment Plant
 - a. DEQ asked if the grit removal was taken out of the plans before it came to DEQ for approval.

- b. City stated that the complete redesign was done in 2012. The plans were approved by DEQ without new grit screening. The Lakeside equipment starting having issues in 2016.
- c. DEQ stated that the City might need something more substantial due to extended timeframe.

6. Consent Administrative Order (CAO)

- a. DEQ will move forward with issuing a CAO to address the issues
- b. City will have Lakeside Equipment to assess the plant and have the vessels cleaned out with a vacuum truck. This cannot be done while the pumps are online.
- c. DEQ asked for an estimated time frame to empty the grit basin in the pump and to get feedback from Lakeside.
- d. City said the next six weeks. The city said that a vacuum truck should be onsite next week.
- e. DEQ asked for a Revised Corrective Action Plan (RCAP) with a timeline for the plant upgrades to be submitted by March 15, 2024.

7. Future Plant Upgrades

- a. City Council approved up to \$6,000,000 for upgrades. McClelland Consulting Engineers hired for project. Lakeside pumps would need to be replaced.
- b. This is a gravity system that goes to the grit removal and screening and then the influent is pumped on to the treatment plant. The City may be able to replace the pump seals and pump out the vessel to get the system working again.
- c. When new equipment is installed, it will allow the City to abandon the Lakeside pump station.
- d. DEQ asked if the SBR unit that was not operational in November had been brought back online and City stated that it had been repaired and was now working.
- e. DEQ asked if both SBR units needed to be in use at the same time and City stated that during the busy time of the year they needed both units working
- f. City stated that with no grit screening taking place, the SBRs are slowly filling. City said that a vacuum truck could be used to clean out the units but they are not sure of where to store the sludge.
- g. Presently an old clarifier is used for sludge storage.
- h. City may want to clean out the SBRs during the winter of 2024-2025.
- i. Alarms with an automated calling system have been added and will call the operator if there are any issues detected at the plant. These alarms are also being added to the pumping stations. Cameras have also been installed.

8. Weekly Updates

- a. DEQ requested that City provide numeric values for the TSS and Fecal DEQ said that the latest *E. coli* number were elevated on most recent test.
- b. City stated they had experienced a large rain event and *E.coli* numbers were

higher away from the plant.

9. Wrap Up

- a. DEQ reminded City to take *E.coli* samples after each overflow and to sample until there are two consecutive samples that are under the standard limit.
- b. City will add the numeric values to the weekly reports.

Meeting Adjourned at 3:00pm