

**LITTLE ROCK WATER RECLAMATION AUTHORITY
SUMMARY OF SELF MONITORING DATA INVALIDATED BY QC PROTOCOL
SUBMITTED WITH DISCHARGE MONITORING REPORT**

Adams Field Water Reclamation Facility
NPDES Permit Number AR0021806 - AFIN 60-00409

Month/Year: **Mar-24**

Flow Date	Error Type		Parameter(s) Affected	Reasons for Loss of Self Monitoring Data	Corrective Action(s) Taken	*LRWRA
	Laboratory	Sampling				C.A.R. No.
03/04/2024 03/15/2024	X		BOD	The reported BOD blank depletion values (0.52 mg/L and 0.81 mg/L) were outside of acceptable limits (0.50 mg/L). Samples cannot be retested nor recollected. All permitted results from these two runs are invalidated.	The lab's DO probe was recalibrated to ensure there were no calibration issues. No significant changes in dissolved oxygen levels were observed. Condensate was found in our compressed air lines used to aerate our BOD dilution water. To eliminate this as a possible source of blank contamination, a water trap was installed on the compressor lines. In addition, new disposable inline air filters have been put in place at each air outlet before it reaches any dilution water or sample.	2024-008 2024-010
3/8/2024	X		BOD	The BOD GGA value (110.90 mg/L) was found to be outside the acceptable range of 167.5 - 228.5 mg/L, therefore all permitted results from this run are invalidated.	The DO probe was recalibrated, but no significant change was measured. The seed material was found to be very dilute during this high flow event. The analyst used a higher volume of the Adams Field primary effluent seed, but it was not enough bring the correction factor into the optimal threshold.	2024-009

*A full Corrective Action Report (C.A.R.) is on file at Little Rock Water Reclamation Authority (LRWRA) and is available for review/submittal at any time.

In accordance with the certification statement found in the NPDES Permits issued to Little Rock Water Reclamation Authority (Part II D. 11. c.): I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Rebecca Burkman

4-19-24

Signature of Principal Executive Officer or Authorized Agent

Date

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