



February 13, 2023

VIA EMAIL

Ms. Kristen Graham, Compliance Analyst  
Arkansas Division of Environmental Quality  
5301 Northshore Drive  
North Little Rock, AR 72118-5317

Re: NPDES Permit Number: AR0036692, AFIN-57-00423, CAO LIS 18-046  
Notification of Unanticipated Bypass from the WWTP  
Mena Wastewater Treatment Plant  
HW Project No. 2020024

Dear Ms. Graham:

An unanticipated bypass occurred at the Mena Wastewater Treatment Plant (WWTP) beginning at 8:30 A.M. on February 8, 2023, and concluding at 8:30 A.M. on February 12, 2023. Approximately 40,000,000 gallons of partly treated wastewater were discharged during this event.

As described in the Modified Corrective Action Plan (CAP - CAO LIS 18-046) submitted to the Division of Environmental Quality (DEQ) on February 28, 2019, the equalization capacity of Mena's wastewater treatment lagoons can be exhausted by the unusually high volume of I/I conveyed by their collection system during and immediately following wet weather events. The Interim Operations Plan in the CAP describes steps that Mena must take to protect their WWTP until a long-term solution to this problem can be identified and implemented. To prevent damage from lagoon overflow, a bypass valve that directs partly treated wastewater from Lagoon #2 to a point near Outfall #1 must be opened. During these events, Mena records the volume bypassed and collects samples from the bypass stream for analysis. Copies of the laboratory results related to this unanticipated bypass will be provided separate from this notification.

As referenced in the City's Effluent Limits Compliance Quarterly Progress Report No. 13 submitted to the DEQ on January 11, 2023, the City held a Design Phase Kickoff Meeting for a new activated sludge wastewater treatment facility on October 27, 2022. The existing facility's peak flow capacity limitations will be addressed through the proposed treatment facility improvements. Unanticipated bypasses could continue at Mena's existing WWTP until construction of the proposed improvements are completed.

Respectfully Submitted,

HAWKINS-WEIR ENGINEERS, INC.

A handwritten signature in blue ink that reads 'Wes LeMonier'.

Wes LeMonier, P.E.

WJL/mcw

cc: Mr. James Looney, Mena Water Utilities General Manager  
Mr. Mike Spencer, Mena Water Utilities Wastewater Superintendent