

# Jacksonville Wastewater Utility



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January 20<sup>th</sup>, 2023

**Via Email Only to Allen-Daniel@adeq.state.ar.us**

Ms. Leslie Allen-Daniel  
Enforcement Coordinator  
Division of Environmental Quality  
Office of Water Quality / Enforcement  
5301 Northshore Drive  
North Little Rock, AR 72118

Re: Jacksonville Wastewater, AR0041335, AFIN 60-00543  
Notice of Unanticipated Partial Unit Bypass

Dear Leslie:

Our Engineer provided notice on our behalf on November 1, 2022, that our wastewater treatment facility was subject to unanticipated partial bypasses of tertiary filtration during periods of high flow due to the construction activities being performed under AR0041335C. The construction project is replacing our effluent filtration equipment. At this time, 50% of our effluent filtration equipment is out of service. The filters remaining in service have limited peak capacity due to failed equipment. JWU is taking every practical step to maintain filtration capacity during construction. Filtration is not typically required for our WWTP to comply with permit limits.

Beginning at approximately (11:00PM) on (1/18/2023) our effluent filtration system reached maximum capacity and partial bypass was required to protect the public health and avoid property damage. There were no feasible alternatives to the bypass. All of the flow bypassed received full secondary treatment and disinfection prior to discharge. The plant's average flow during the bypass was 8.411 MGD, a portion of which received filtration. The bypass event ended at approximately (1:15AM) on (1/20/2023). The risk of future unanticipated partial filtration bypass events will be mitigated by the completion of construction of the new filter equipment scheduled to be complete by June 2023.

Respectfully,

Jacksonville Wastewater Utility

Michael Overstreet