



December 29, 2023

VIA E-MAIL: allen-daniel@adeq.state.ar.us

Leslie Allen-Daniel
Enforcement Coordinator – Office of Water Quality
Arkansas Energy and Environment, Enforcement Branch
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: City of Walnut Ridge, Arkansas
CAO LIS 17-040: AR0046566, AFIN 38-00040
Progress Report 16

Dear Ms. Allen-Daniel:

Progress Report 16 Summary is provided below.

Item No.	Date	Description
10-04	4/14/21	Issue NPT for WWTP Project
13-02	1/18/23	Final completion of the WWTP Construction improvements is June 27, 2022 per CAO 17-040-002
14-01	7/25/22	Extension request for final compliance on effluent limitations from June 27, 2022 to October 31, 2022
14-02	6/17/2022 to 1/10/2024	The Oak St., Village Creek, and College City Lift Station Improvements Project is substantially complete
15-01	10/27/2022	WWTP Begins Discharging Treated Effluent
16-01	Pending	Sludge Disposal Permit No. 5414-W
16-02	Pending	Grab & Composite Sample Permit Compliance

Progress Report 16 Summary

Major changes that have been implemented at the Walnut Ridge Wastewater Treatment Plant since November 15, 2023 are as follows:

1. Settling times in each SBR tanks were changed from 45 to 120 minutes.
2. Post decant run times for the disinfection equipment were increased from 60 to 600 seconds.
3. Waste activated sludge pumps 1, 2, & 3 were disassembled, cleaned and flow rates verified. The waste activated sludge rates were changed from 2 to 10 minutes.
4. The contact chamber and post aeration chamber were pumped down and cleaned of all solids.
5. Additional Mercury sample bottles have been ordered and sites have been selected for testing in the collection system to isolate an area as a point source.

Currently, all grab and composite samples have been in compliance for the month of December, with the exception being Mercury.

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DEQ State Permit No. 5414-W for Sludge Disposal by Land Application was submitted to your office by Denali Water Solutions, LLC on June 15, 2023 and was deemed administratively complete.

Please contact me at your earliest convenience if you have any questions.

Sincerely,
Crist Engineers, Inc.

A handwritten signature in blue ink that reads "Craig A. Johnson". The signature is written in a cursive style with a large initial "C".

Craig A. Johnson, P.E.
Vice President

Cc: Jeremy Lewis, Manager, City Water Works