



# CERTIFICATE OF PROJECT APPROVAL

<b>System #:</b> NM3500123	<b>System Name:</b> La Mesa Water Cooperative
<b>Date:</b> March 2, 2021	<b>System Contact:</b> Jock Embry, <a href="mailto:jock_embry@lamesawatercoop.org">jock_embry@lamesawatercoop.org</a>
<b>Project Description:</b> <i>"The project includes a new arsenic treatment facility capable of treating 150-gpm of groundwater from the Cooperative's existing Well #3 using a dual vessel system manufactured by AdEdge Water Technologies with Bayoxide E33, Granular Ferric Oxide Media. The project will also include 331-lineal feet of new 4" A WWA C-900 DR-18 PVC to connect the well to the new arsenic treatment building, and then to the existing Cooperative water system. Treated water will enter a 4,100-gal finished water buffer tank and pumped into the Cooperatives system using a VFD controlled duplex pump booster pump system capable of 150-gpm and 271-ft TDH. Facility will include all equipment, piping, tankage, instrumentation, controls, and appurtenances for a completely functional system."</i>	

A copy of this certificate shall be in the possession of the system documenting that the above project has been reviewed and approved by the department.

**Engineering review**

**Notification required but approval is not required**     **Notification nor approval is required**

All plans and specifications were reviewed in accordance with the applicable design and construction guidelines found in the review references of the New Mexico Drinking Water Regulations, Section 20.7.10.104. No regulatory deficiencies, sanitary discrepancies or recommendations were identified during this review.


The written notification of the project was initially provided on January 26, 2021, with follow up comments provided on March 1, 2021. **Brian J. Ambroggi, P.E.**, a registered professional engineer is responsible for the project.

As of **March 1, 2021** there were no active violations of any health-based standard (action level, maximum contaminant level, or treatment technique) recorded for the **La Mesa Water Cooperative** in the New Mexico Safe Drinking Water Information System (SDWIS State) database.

The construction phase of the project has the following requirements for written notification:

Provide written notice:	NMAC citation
1. when construction begins	20.7.10.201.P
2. of change orders before they are implemented recognizing that revised plans and specifications may be required	20.7.10.201.R
3. when the project is complete	20.7.10.201.T
4. to transmit record drawings in electronic format – 120 days after completion	20.7.10.201.U

Upon completion of the project, please submit the documentation required in *NMAC 20.7.10.201.T(2)* through *NMAC 20.7.10.201.T(6)*. If this project required notification, but not approval, the requirements in *NMAC 20.7.10.201.T(1)* and in *NMAC 20.7.10.201.U* would not apply. However, sealed record drawings as pdfs for NMED Drinking Water Bureau files would be appreciated if submitted.

  
Emily C Worthen, P.E.

Engineering Program Manager

New Mexico Environment Department- Drinking Water Bureau

03/02/2021

Date