

New Mexico Environment Department-Drinking Water Bureau  
Engineering Review Comments

<b>System #:</b> 3500123	<b>System Name:</b> La Mesa Water Cooperative
<b>Date Submitted:</b> 1/26/2021	<b>Project Name:</b> La Mesa Water Cooperative Well #3 Arsenic Treatment Facility
<b>REGULATORY DEFICIENCIES:</b>	<b>SANITARY DISCREPANCIES:</b>
<p style="text-align: center;"><i>Deficiencies are items which are not in compliance with the requirements of the New Mexico Drinking Water Regulations, and the New Mexico Recommended Standards for Water Facilities (Standards).</i></p>	<p style="text-align: center;"><i>Sanitary discrepancies are items which are not in conformance with standard potable water engineering and construction guidelines and specifications, including guidance documents listed in NMAC 20.7.10.102.</i></p>
<b>All deficiencies must be corrected prior to receiving department approval</b>	<b>Correction of these items is strongly recommended.</b>
<b>1.</b> It is unclear in the disinfection and sampling plan if the chemicals that will be directly added to the water supply conform to ANSI/NSF 60. <i>NMAC 20.7.10.400.K .</i>	<b>1.</b> It is unclear if there is site security/fencing for the treatment facility/tank. <i>NMAC 20.7.10.400.B</i>
<b>2.</b> Please clarify if pressure gages are provided before and after the bag filters. <i>Standards 4.3.7.5.k</i>	<b>2.</b> The submittal shows a sloped floor in the new building; however, it is unclear if floor surfaces are well drained with a ¼-inch per foot minimum slope. <i>Standards 5.1.13</i>
	<b>3.</b> It is recommended that the contractor be required to sign a notarized affidavit that disinfection was completed in conformance with the appropriate AWWA standards as described in the disinfection plan. Alternatively the contractor should prepare a detailed disinfection report to be submitted with the notice of project completion.
	<b>NOTES &amp; RECOMMENDATIONS:</b>
	<b>1.</b> The arsenic removal treatment provided for this system will require at least a Water Supply Level 3 certified operator per NMAC 20.7.4.12.A. Please confirm that an operator at the appropriate level will be operating the system. <i>NMAC 20.7.4.12.A</i>

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