



## West Farm Gravel Pit Water Storage Purchase Project

Lower Arkansas Water Management Association  
Substantially Complete July 1, 2020



### Project Description

The West Farm Gravel Pit (WFGP) storage reservoir is located downstream of the City of Lamar on the Arkansas River. The Lower Arkansas Water Management Association (LAWMA) purchased approximately 1,638 acre-feet of open water storage capacity in the WFGP to store fully consumable water for use in LAWMA's decreed plan for augmentation, its annual Arkansas River Use Rules replacement plan (Rule 14 Plan), LAWMA-operated Compact Compliance Plans under Rule 10 of the Compact Rules Governing improvements to Surface Water Irrigation Systems in the Arkansas River Basin in Colorado (Rule 10 Plan), and substitute water supply plans that include LAWMA shares as a source of replacement supply. Project benefits included an increased average annual allocation to a common share from 72% to 85% and a reduction in the number of dry year allocations. LAWMA was approved for a Water Plan Grant to fund a portion of this project from the water Supply and Storage grant program. A February 2015 final letter report prepared by the State Engineer's Office determined the WFGP slurry wall was lined to their design standard. LAWMA completed the water storage purchase in June 2020.

P R O J E C T   D A T A		
<i>Sponsor:</i> Lower Arkansas Water Management Association	<i>County:</i> Prowers	<i>Water Source:</i> Arkansas River
<i>Type of Project:</i> Reservoir Storage	<i>Board Approval Date:</i> July 2019	
<i>Terms of Loan:</i> 2.45% for 30 years <i>(Original)</i> \$3,630,950.00 <i>(Final)</i> \$3,556,598.35		
<i>Terms of Water Plan Grant:</i> <i>(Original)</i> \$1,000,000.00 <i>(Final)</i> \$993,211.02		
<i>Engineer:</i> Randy Hendrix, P.E., Hendrix Wai Engineering, Inc.		
<i>Appraiser:</i> Gregory T. Gerken, MAI, AI-GRS, Hegarty & Gerken, Inc.		