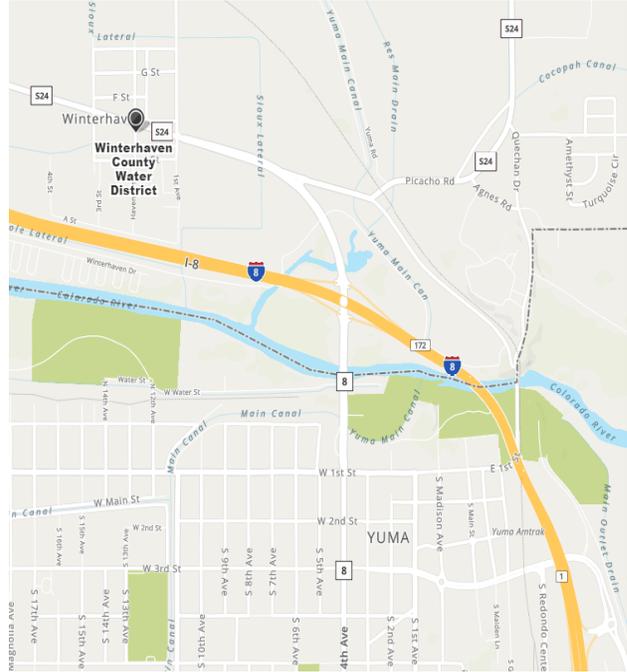


# TECHNICAL ASSISTANCE PROJECT FACTSHEET



<b>Project Name:</b>	Wastewater Force Main Repair in Winterhaven, California	
<b>TAP Number:</b>	TAP03-03/17BC	<b>Start Date:</b> 11/05/15
<b>Project Location:</b>	Winterhaven, California	<b>Completion Date:</b> 03/05/18
<b>Project Sponsor:</b>	Winterhaven County Water District (WCWD)	<b>Closeout Report Date:</b> 01/31/21
<b>TA Fundamental Objective:</b>		
Eliminate risks for pipe failure and untreated wastewater discharges as well as to improve wastewater collection and conveyance services for 128 service connections.		
<b>TA Scope:</b>		
<p>The force main has experienced several failures due to corrosive conditions concentrated in areas where the encased ductile iron pipe is exposed to air (primarily along bridges). The District has made temporary repairs; however, to avoid ruptures in sections with heavy corrosion, and to avoid potential spills of raw wastewater, the pipe must be replaced.</p> <p>The NADB TA will be used to prepare a Preliminary Engineering Report (PER) for the rehabilitation of the force main which will also allow access to USDA-RD funding for construction (or other funding sources). The Sponsor is expected to cover the cost of final design with a \$110,000 loan from Imperial County.</p>		
<b>The Results</b>		
<b>Outcomes</b>		<b>TA FUNDING: US\$</b>
Replace corroded sections of the Winterhaven sewer force main, prevent leaks and breakages, and eliminate risks for untreated discharges.		<b>TA Approved:</b> 23,190
		<b>Contracted:</b> 23,190
		<b>Disbursed:</b> 23,190
<b>Outputs</b>		<b>Sources of Funding:</b>
<ul style="list-style-type: none"> <li>- Preliminary Engineering Report (PER)</li> <li>- USDA funds secured, construction to be procured during first quarter of 2021.</li> </ul>		<b>JTAP:</b> 23,190
		<b>Other Funds:</b> None
		<b>Total:</b> 23,190
<b>Benefited Population:</b>	412	<b>Partnerships:</b> Imperial County, WCWD, USDA



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