



City of Needles, California Request for City Council Action

☒ CITY COUNCIL ☒ NPUA

☒ Regular ☐ Special

Meeting Date: July 8, 2025

Title: Accept the 2025 Reservoir Inspection Report(s) for the East and West Tanks located on San Clemente at Clary Drive and the High Tank located on Parkway

Background: The City of Needles Water Department, in partnership with Liquivision Technology, completed a routine cleaning and inspection of the City's three (3) 1.5-million-gallon reservoirs, which is typically conducted every five to six years. On May 14, 2025, the cleaning and inspection were completed. Compared to the previous inspections completed on December 4, 2017, the reservoirs remain in good condition with minor corrosion from 0.01% to 0.3% surface rust.

Surface rust grades have minimally increased since 2017, from primarily grade 8 to grade 9, which is less than .03% of the surface rusted.

During the inspection, two repairs were noted that need to be completed. The repairs noted are that all three (3) reservoirs need new entry hatch seals, and the Parkway Reservoir needs a new level target cable. Staff are in the process of quoting the repairs needed.

The Board of Public Utilities approved the recommended action on July 1, 2025.

Fiscal Impact: Liquivision Technology fees to complete this inspection were \$12,107.72 and were charged to the adopted FY24/25 fiscal year budget. The requested hatch seals and level target cable repairs are estimated to cost \$2,500 and will be funded by the adopted FY25/26 fiscal year budget.

Environmental Impact: N/A

Recommended Action: Accept the 2025 Reservoir Inspection Report(s) for the East and West Tanks and the High Tank located on Parkway

Submitted By: Rainie Torrance, Utility Manager
Bryan Hickstein, Chief Plant Operator

City Manager Approval: Patrick J. Martinez

Date: 7/2/2025

Other Department Approval (when required): _____

Date: _____

Approved: ☐

Not Approved: ☐

Tabled: ☐

Other: ☐