

Engineering Services for the Alamitos Tank 7 and Tank 22 Rehabilitation Project (EO-3548 & EO-3601)

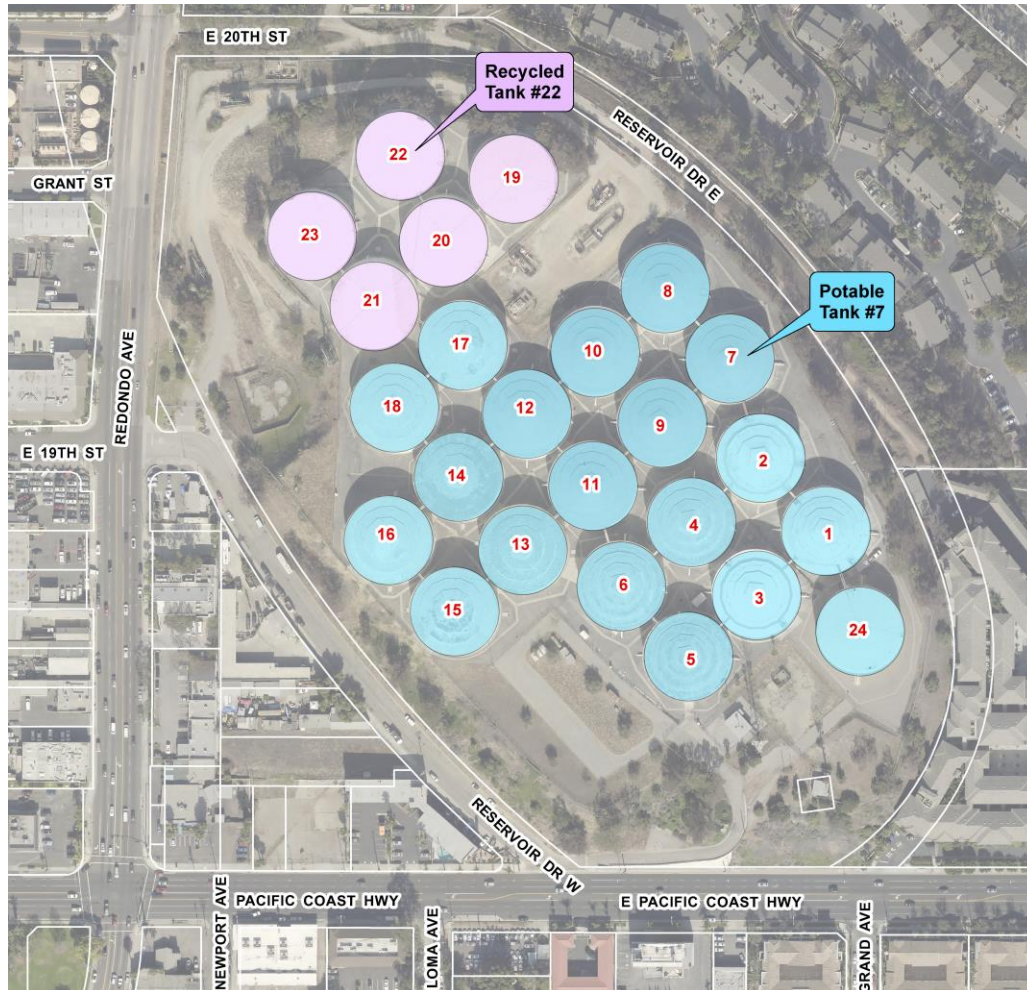
Board of Water Commissioners

May 12, 2022



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Background



- Alamitos Reservoir located near 1900 Redondo Ave
- Purpose:
 - Project will rehabilitate Tank 7 and Tank 22 to extend their useful life
- Tank 7:
 - Potable water tank
 - Constructed in 1930s
 - Riveted steel shell, wood roof
- Recycled Tank 22:
 - Recycled water tank
 - Constructed in 1960s
 - Welded steel shell, steel roof



Scope of Work

- Rehabilitation of tanks will include various replacements/repairs:
 - Interior/exterior coating, cathodic protection system
 - Piping, valves, fittings
 - Structural improvements
 - Roof repairs
- Evaluation of tank cathodic protection systems at Alamitos and JWW Reservoirs
 - Propose upgrades/replacements



Existing Conditions



Recommendation

- Authorize the General Manager to execute an Agreement with Engineering Resources of Southern California (ERSC), Inc., to provide Engineering Services for the Alamitos Tank 7 and Tank 22 Rehabilitation Project (EO-3548 & EO-3601), in the amount not-to-exceed \$285,820.



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