

PROJECT LOCATION
Chino, CA

PROJECT TYPE
Turn-key Media Services

PROJECT TIMEFRAME
March 2018

PROJECT PHASE
Complete

AV[®] SCOPE OF WORK
\$160,000

END USER
California Institution for Men
Chino CA

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Turn-key Media Services for the California Institution for Men's Chino Water Treatment Plant

Project Details

The State of California operates a large water treatment facility (WTF) which treats groundwater to meet California's potable water standards at the California Institute for Men's Facility (CMIF) in Chino, CA. The water treatment facility's current capacity is approximately 4 MGD. Historically, the groundwater has been treated using Granular Activated Carbon (LGAC) for Trichloroethylene (TCE) removal to meet the regulatory standards.

Aqueous Vets[®] Scope

AV was contracted for the removal, replacement, vessel inspection and repair of the LGAC vessels, disinfection and commissioning of 120,000 pounds of LGAC. The service included carbon changeout of six 20,000-pound vessels. The vessels were refilled with virgin coconut carbon meeting the states rigorous performance characteristic specifications. The LGAC is specified to optimize the mass loading of TCE per pound of LGAC resulting in the lowest costs per unit of treated water.

"Aqueous Vets performed well and provided valuable information to our staff throughout the project in a timely manner. We recommend anyone who faces groundwater treatment challenges to utilize AV as an experience and valuable technical resource. We would recommend AV to other utilities that face similar water quality issues."

- Larry Dimmock, Site Superintendent

The LGAC scope was completed in five working days, with AV returning the LGAC system into operation on day six.

