

PROJECT LOCATION
Fontana, CA

PROJECT TYPE
Construction

PROJECT TIMEFRAME
2/2018 – 5/2018

PROJECT PHASE
Complete

AV[™] SCOPE OF WORK
\$160,000

END USER
San Gabriel Valley
Water Company

GENERAL CONTRACTOR
Ferreira Construction Co., Inc.

DESIGN ENGINEER
San Gabriel Valley
Water Company

SALES CONTACT
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Plant F-21 Single Pass Ion Exchange System

Aqueous Vets[®] (AV[®]) was pleased to team with Western Water Works Co. and Ferreira Construction Co., Inc. in a collaborative effort of pipe design, pipe fabrication and system installation for the San Gabriel Valley Water Company's Fontana F-21 Well head treatment plant.

Project Details

Fontana Water Company, a subsidiary of San Gabriel Valley Water Company (SGVWC/FWC) had a known contaminate, perchlorate, impact the water quality at the F-21 water treatment plant in Fontana, CA. As a mitigating measure SGVWC/FWC procured prefiltration, Granular Activated Carbon (GAC) and Ion Exchange (IX) treatment systems to address the water quality concerns.

On a parallel path they advertised the construction contract to address necessary site improvements which included the installation of the treatment equipment. That contract was awarded to Ferreira Construction Co., Inc. of Chino, CA. Western Water Works of Chino CA was selected as their material supplier for the underground and site process utilities materials.



Aqueous Vets[®] Scope

AV was contacted by the plant/mechanical team at Western Water Works to assist in design and fabrication for the welded steel process pipe from a 24" influent well connection to the 24" effluent distribution point. The fabricated steel pipe ranged between 8" and 18" in diameter and encompassed the dual 36" prefiltration system, a single GAC vessel, and two pair of high flow Ion Exchange systems. See figure 1 for site layout information.

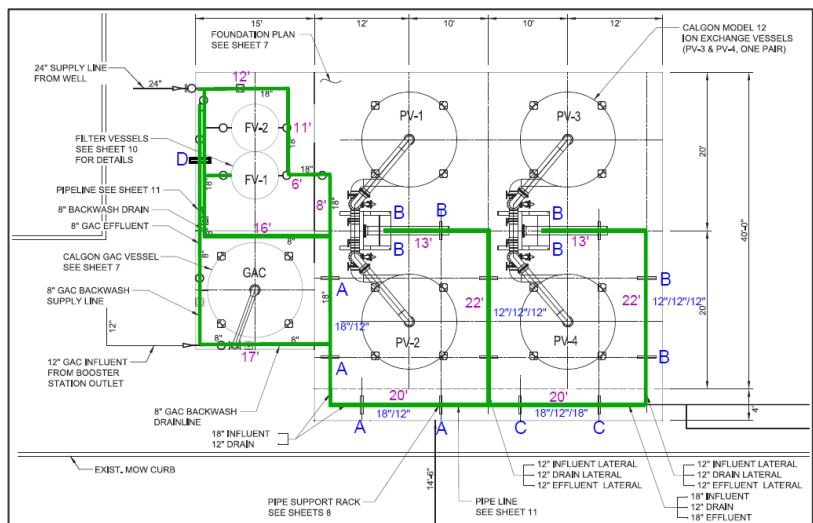


Figure 1. Site Layout

