Negative Declaration

Date: June 17, 2024

Subject: CEQA Negative Declaration
City of Azusa
Aspan Well Rehabilitation and Treatment Project

Background

The City of Azusa (City) is located in San Gabriel Valley, south of the San Gabriel Mountains. The City is approximately 9.13 square miles and is a full-service city. The City owns and operated the municipal utility, Azusa Light and Water (ALW), which provides water services to more than 110,000 residents through approximately 23,750 service connections by pumping groundwater from the Main San Gabriel Groundwater Basin (Main Basin) and surface water from the San Gabriel River. ALW can also purchase imported water through Upper San Gabriel Valley Municipal Water District and has access to imported water from the State Water Project. ALW overlies the Main San Gabriel Basin aquifer, and a majority of the ALW's water supply demands are within the Main Basin's boundary.

ALW's water supply system is divided into five pressure zones and two small pressure-reduced zones consisting of eleven active wells with a combined capacity of over 23,000 GPM. Currently, there are six wells in the spreading grounds near the San Gabriel River. In order to continue to meet current and future water system demands, ALW is diversifying their water portfolio with its groundwater facilities and development of regional facilities.

Project Description

The proposed project consists of the rehabilitation of the Aspan Well which is currently inactive and has experienced deterioration of the well casing. As part of the rehabilitation, ALW will install a new well casing liner to preserve the well's integrity and will remove the existing welded steel tank and booster pump station from the site.

The current water quality issue for the Aspan Well is the presence of 1,1-DCE in excess of the maximum contaminant level (MCL), the concentration allowed in drinking water by the California State Water Resources Control Board – Division of Drinking Water, which requires the installation of a Liquid Phase Granular Activated Carbon (LGAC) treatment system. The proposed LGAC treatment system will be designed for a flow of approximately 1,800 gallons per minute (gpm) and will include two pairs of 12-foot diameter filtration vessels. In addition, Nitrate has been detected in the past in the Aspan Well, although Nitrate concentrations were recently shown to be below the MCL. If treatment for nitrates is needed, the IX treatment system will be installed downstream of the LGAC system and will feature three vessels working in parallel.

A new 34,000 gallon brine waste tank will be constructed to temporarily hold the brine waste, which will be discharged from the tank to a Los Angeles County Sanitation

Districts' (LACSD) sewer line. A new 8-inch diameter PVC brine discharge pipeline will convey brine waste to the LACSD sewer line. Well waste water, well test water, and waste water for testing operations will be discharged through a new drain pipeline that will connect to the existing Los Angeles County Flood Control District (LACFCD) 51-inch diameter storm drain.

Project Location: Within the City of Azusa at 220 N. Aspan Avenue

Proposed Findings:

The proposed project will not have a significant adverse effect on the environment. The facts supporting these findings are presented in the attached Initial Environmental Study (IES) prepared for this project.