

Summary Form for Electronic Document Submittal

Form F

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: 2023100188

Project Title: South Basin Groundwater Protection Project

Lead Agency: Orange County Water District

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Project Location: Cities of Santa Ana, Tustin, Irvine Orange County
City *County*

Project Description (Proposed actions, location, and/or consequences).

The proposed Project is a groundwater extraction and treatment system that would extract contaminated groundwater from the Shallow Aquifer System, treat the water locally, then discharge the treated water to the sanitary sewer system. The treated groundwater would then mix with other wastewater flows in the sewer, which ultimately flow to OC San's Reclamation Plant No. 1 in Fountain Valley, California. The Project would include the installation and operation of below ground groundwater extraction facilities (wells, trenches, and/or drains equipped with pumps) and conveyance piping, local groundwater treatment facilities for sediment and VOCs removal using filtration and granular activated carbon (GAC), and discharge piping to the sanitary sewer system. The Project will use the existing treatment facilities at the Public Owned Treatment Works (POTW) and GWRS and will not require the construction of new treatment, transportation, or recharge facilities after the point that the treated water joins the sanitary sewer system.

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

Implementation of the project would have the potential to have significant impacts on the following topics without the mitigation measures described herein: aesthetics, air quality/ghg, biological resources, cultural resources, geology and soils, noise, tribal cultural resources, and utilities and services system. However, with implementation of the mitigation measures identified in this Draft PEIR, each potentially significant impact would be reduced to a less-than-significant level. All other resource areas found to have no impact or to be less-than-significant are also described in the Draft EIR.

Mitigation includes lighting restrictions, air quality analysis, nesting bird surveys, archaeological retention/WEAP training, archaeological monitoring, historic resources assessments, paleontological retention/WEAP training, noise reduction measures, vibration reduction measures, native american monitoring, and underground utilities search. All mitigation measures are to be included in a Mitigation Monitoring and Reporting Program.

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

Areas of controversy included concerns about impacts to groundwater resources, health and safety, water quality due to the proposed Project changing the direction of the plume and noise and traffic as a result of construction

Provide a list of the responsible or trustee agencies for the project.

Caltrans District 12 -Encroachment Permit for conveyance pipelines under freeway overpasses

DTSC Approval of IRAP, National Contingency Plan 40 Code of Federal Regulations [CFR], Part 300

Santa Ana RWQCB NPDES Construction Stormwater Permit Stormwater Pollution Prevention Plan (SWPPP) , Construction on greater than one-acre, Clean Water Act State-wide General Construction Stormwater NPDES and approval of IRAP, National Contingency Plan 40 Code of Federal Regulations [CFR], Part 300

Orange County Health Care Agency Well Permit for the well drilling

Cities of Irvine, Tustin and Santa Ana Planning and Building Permit Encroachment Permit, Public Works for the wells/pipelines/ treatment

Orange County Sanitation District Special Purposes Discharge Permit for the discharge groundwater to OC San

Orange County Flood Control District Special Purposes Access and Discharge Permits for access to and Discharge groundwater to County flood control facilities