



Lead Agency: COACHELLA VALLEY WATER DIST.
ATTN: WILLIAM PATTERSON
Address: PO BOX 1058
COACHELLA, CA. 92236

FILED / POSTED

County of Riverside
Peter Aldana
Assessor-County Clerk-Recorder

E-202101100
10/15/2021 08:00 AM Fee: \$ 2530.25
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(SPACE FOR CLERK'S USE)

Project Title

IXTP-7991 REPLACEMENT PROJECT

Filing Type

- Environmental Impact Report
- Mitigated/Negative Declaration
- Notice of Exemption
- Other:

Notes

Notice of Determination

Appendix D

To:
[] Office of Planning and Research
U.S. Mail: P.O. Box 3044
Sacramento, CA 95812-3044
Street Address: 1400 Tenth St., Rm 113
Sacramento, CA 95814

[] County Clerk
County of: Riverside
Address: P.O. Box 751
Riverside, California 92502

From:
Public Agency: Coachella Valley Water District
Address: 75-515 Hovley Lane East
Palm Desert, California 92211
Contact: William Patterson
Phone: 760-398-2651

Lead Agency (if different from above):
Address:
Contact:
Phone:

SUBJECT: Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

State Clearinghouse Number (if submitted to State Clearinghouse): 2021080361

Project Title: IXTP-7991 Replacement Project

Project Applicant: Coachella Valley Water District

Project Location (include county): Riverside County: Palm Desert, Rancho Mirage, Indian Wells, Indio, Thousand Palms

Project Description:

Please see Attachment A for the complete Project Description.
The project consists of the construction and operation of an Ion Exchange Treatment Plant for domestic water service operated by the Coachella Valley Water District in mecca, CA.

This is to advise that the Coachella Valley Water District has approved the above ([] Lead Agency or [] Responsible Agency)

described project on 10/12/2021 and has made the following determinations regarding the above described project.

- 1. The project [] will [] will not have a significant effect on the environment.
2. [] An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
[] A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [] were [] were not made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan [] was [] was not adopted for this project.
5. A statement of Overriding Considerations [] was [] was not adopted for this project.
6. Findings [] were [] were not made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval, or the negative Declaration, is available to the General Public at: www.cvwd.org

Signature (Public Agency): [Signature] Title: Clerk of the Board

Date: 10/13/2021 Date Received for filing at OPR:



COACHELLA VALLEY WATER DISTRICT

Established in 1918 as a public agency

Notice of Determination, Attachment A

IXTP-7991 Replacement Project

Project Description

The proposed IXTP 7991 replacement Project ("proposed project") consists of the construction and operation of an Ion Exchange Treatment Facility for potable water domestic service provided by The Coachella Valley Water District. The IXTP 7991 Replacement Project would replace the existing 1,000-gpm ion exchange treatment system with a new 2,000 gpm capacity treatment system to allow for the full use of the rehabilitated Well 7991, provide operating efficiency, and ensure adequate supply of water to the Mecca and Bombay Beach Production Zones (which include the communities of Mecca, North Shore, Bombay Beach, and other small communities). The proposed project would include the following elements:

- The existing ion exchange treatment system would be replaced with a new 2,000-gpm capacity adsorption treatment system (granular ferric hydroxide or granular ferric oxide adsorption media).
- The existing sulfuric acid and caustic soda systems would be replaced with new systems within a new building on site. New chemical feed systems are anticipated to consist of sulfuric acid and sodium hydroxide for pH adjustment. The existing calcium hypochlorite system (which was recently replaced) would be reused.
- The existing electrical panels for power and existing programmable logic control for instrumentation and control would be replaced.
- A new, permanent well pump with capacity of 1,500 gpm would be installed in Well 7991, which would have an associated hydropneumatic /surge tank.
- Installation of an emergency standby diesel generator.
- The new treatment system would be connected to the existing asbestos cement pipe water main in Hammond Road which connects to Reservoir 7990.
- The existing ion exchange system, electrical equipment, chlorination system, brine and waste tanks, and brine processing unit would be demolished.

The new ion exchange treatment system would be an adsorption system, which would include two pressurized vessels operated in parallel and filled with media, bypass piping around the vessels for partial flow treatment, backwash pumps and piping, pre-filters, two backwash tanks, and recirculation system and chemical systems. The vessels would be 8 feet in diameter; the backwash tanks would each be 12 feet in diameter and 15 feet tall, with a potential canopy structure for an overall height of approximately 18 feet. The treatment system would achieve a final effluent arsenic goal of 80 percent of the MCL, or 8.0 µg/L.

The project site is located in the Coachella Valley of central Riverside County within the United States Geological Survey (USGS) Mecca, California 7.5-minute topographic quadrangle (APN 727-272-008, Section 17, Township 7S Range 9E, San Bernardino Meridian). The site is addressed 67050 Hammond Road, Mecca, California, 92254, located east of State Route 111 and approximately 0.5 miles south of

the unincorporated community of Mecca. Land uses surrounding the project site are primarily rural lots and agriculture. The project site is zoned as mixed use. Surrounding land use designations include agricultural and mixed use, as well as areas designated for controlled development. The project corridor is not included on any lists of hazardous materials sites compiled pursuant to Government Code Section 65962.5.

CVWD is seeking federal grant/loan funding for the proposed project to reduce the financial burden on its ratepayers; as portions of CVWD's service area are considered to be disadvantaged communities. CVWD is seeking funding through USDA's Rural Development "Water and Waste Disposal Grants to Alleviate Health Risks on Tribal Lands and Colonias" (Colonia Grant) program.

