	*	FILED NOV 18 2022 HUGH NGUYEN, CLERK-RECORDER BY:	Hug 200 390 0.0	
То:	M	Orange County Clerk Recorder County Administration South 601 N Ross Street Santa Ana, CA 92701		Office of Planning and Research 1400 Tenth Street, Room 121 Sacramento, CA 95814 POSTED
From:		Irvine Ranch Water District P.O. box 57000 15600 Sand Canyon Avenue Irvine, CA 92619-7000		NOV 18 2022 ORANGE COUNTY CLERK-RECORDER DEPARTMENT BY:DEPUTY

PROJECT TITLE: Santiago Creek Dam Supplemental Geotechnical Exploration Work Plan

PROJECT LOCATION - Specific: Located at the Santiago Creek Dam, southeast of State Route 241, that is generally accessible via access road Peters Canyon Road from Irvine Regional Park. (APN 105-361-01) See attached Project Site Map below.

PROJECT LOCATION - City/County: Silverado, Orange County, California 92676

PROJECT DESCRIPTION: The proposed project would gather additional strength data on the dam embankment materials to validate the material properties assumed in stability analysis and better assess potential risks. The investigations will also provide data to inform existing soil conditions around the toe of the dam for future potential remediations/upgrades. The proposed field investigation is located on the dam crest, downstream slope, and toe of the dam. The overall purpose of this Supplemental Geotechnical Exploration Work Plan is to obtain relatively undisturbed samples for strength testing of the downstream pervious zone at various locations along the dam; obtain information on the artificial fill and bedrock at the downstream toe of the dam; obtain geophysical properties of the terrace deposits and bedrock. There will be several borings on the embankment, the terrace deposits and on the downstream toe.

The work outlined in this work plan will be performed following an approval from the California Department of Water Resources, Division of Safety of Dams (DSOD) and approval of all required permits to complete the work.

PROJECT APPLICANT:		Irvine Ranch Water District P.O. box 57000 15600 Sand Canyon Avenue Irvine, CA 92619-7000	PHONE: (949) 453-5300	
EXEMPT STATUS:	V	Categorical Exemption: Class 6, Information Collection, Section 15306		
		Statutory Exemption:		
		Other:		

REASONS WHY PROJECT IS EXEMPT: The effects of the proposed project are Categorically Exempt from the requirements to prepare additional environmental documentation per California Environmental Quality Act (CEQA) Guidelines, Section 15306, Class 6 (Information Collection). The Class 6 exemption consists of basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource. These may be strictly for information gathering purposes, or as part of a study leading to an action which a public agency has not yet approved, adopted or funded. The proposed project is a Supplemental Geotechnical Exploration Work Plan that would involve drilling to obtain boring samples at the embankment, terrace deposits and downstream toe. The samples are part of the overall exploration to provide information for investigations to further support the strengths used for the embankment materials and to validate material properties assumed in a stability analysis. Irvine Ranch Water District will submit this Supplemental Geotechnical Exploration Work Plan to the California Department of Water Resources Division of Safety of Dams (DSOD) for review and approval. In addition, pursuant to Section 15300.2 (c) and 15301 of Title 14 of the California Code of Regulations, there are no unusual circumstances in respect to the proposed project for which staff would anticipate a significant effect on the environment.

STAFF CONTACT PERSON: Andy Uk, Environmental Compliance Analyst PHONE: 949-453-5326

Authorized Signature

Assistant Board Secretary Title November 18, 2022

Date

☑ Signed by Lead Agency

□ Signed by Applicant

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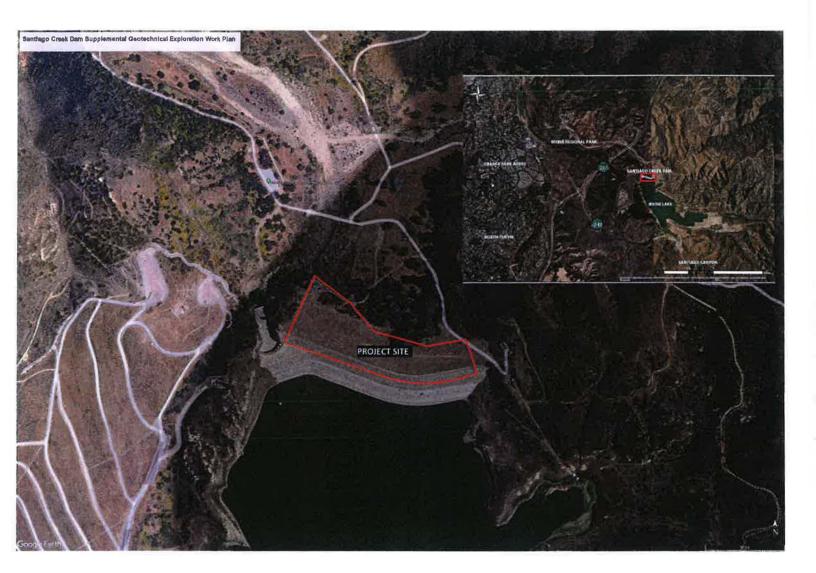
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Project Site Map



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