SAME Sacramento Post Presents

The Crafton Hills Reservoir Enlargement Dam

Thursday, February 29, 2024

11:30 AM to 1:00 PM *(registration opens at 11:30 AM; the program starts at 12:00 PM)*

TOPIC:

Please join us for a construction presentation on the high mobility grout curtain and concrete cutoff wall installed beneath the Crafton Hills Reservoir Enlargement Dam. Crafton Hills Reservoir is located near Yucaipa, California, and is part of the State Water Project's East Branch. Along with the rest of the East Branch, this reservoir was enlarged in 2014 to serve a growing customer base and operate more economically. This presentation will focus on two notable achievements. The grout curtain uses modern grouting mixes and methods, including stable, low-bleed grout injected into a dual-row grout curtain with non-vertical holes. We met curtain closure criteria in all but the upper ten feet of the foundation, prompting the need for a concrete cutoff wall. The cutoff wall was constructed using a rock trencher, specially designed yet simple concrete, and a traveling slip form—all things that were novel to the contractor.



SPEAKER:



Tim Wehling is a Supervising Engineer in the Division of Engineering at the California Department of Water Resources (DWR). He has 23 years of experience in evaluation, design, and construction of dams, canals, and other hydraulic storage and conveyance structures. Tim manages the Geotechnical Engineering Section (GES), where he oversees the work of 18 engineers and their geotechnical commitments to more than 65 active projects. GES conducts studies and produces construction drawings and specifications to rehabilitate and enlarge California's State Water Project and associated waterway improvements. Tim earned his MS and BS Degrees in Civil Engineering, respectively, from UC Davis and Cal Poly, San Luis Obispo.

LOCATION: Buca di Beppo, 1249 Howe Ave, Sacramento, CA

COST:

Free—Student Members, Active Duty Enlisted/Company Grade Officers & Speakers
$30—Government, Field Grade Officer Military & Retired
$45—Industry Members
$55—Industry Non-members
"Please note that all no-shows will be charged without exception."

LUNCH: Lunch will be provided for attendees. Vegetarian options available.

REGISTRATION:

Registration is available by using our online registration link. There are contacts and information on the registration pages if you need additional information.

QUESTIONS:

Event Information:
Jill Miller, Post Programs Committee Chair– 916.206.9562 (jill.miller@tepa.com)
Event Registration: Kara Olivarez, Post Communications – 916.496.9716 (kolivarez@cecilinc.com)

Interested in Sponsoring this Luncheon?
Please contact **events@samesacramento.com**