Yucaipa Valley Water District

Workshop Memorandum 12-072

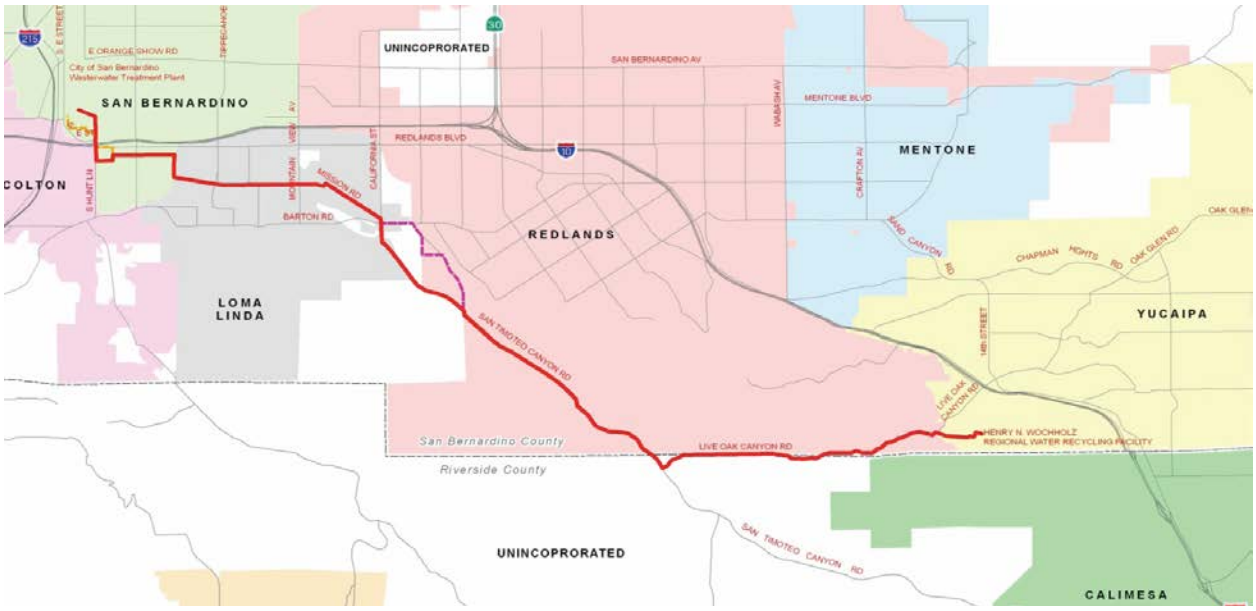
Date: **April 10, 2012**

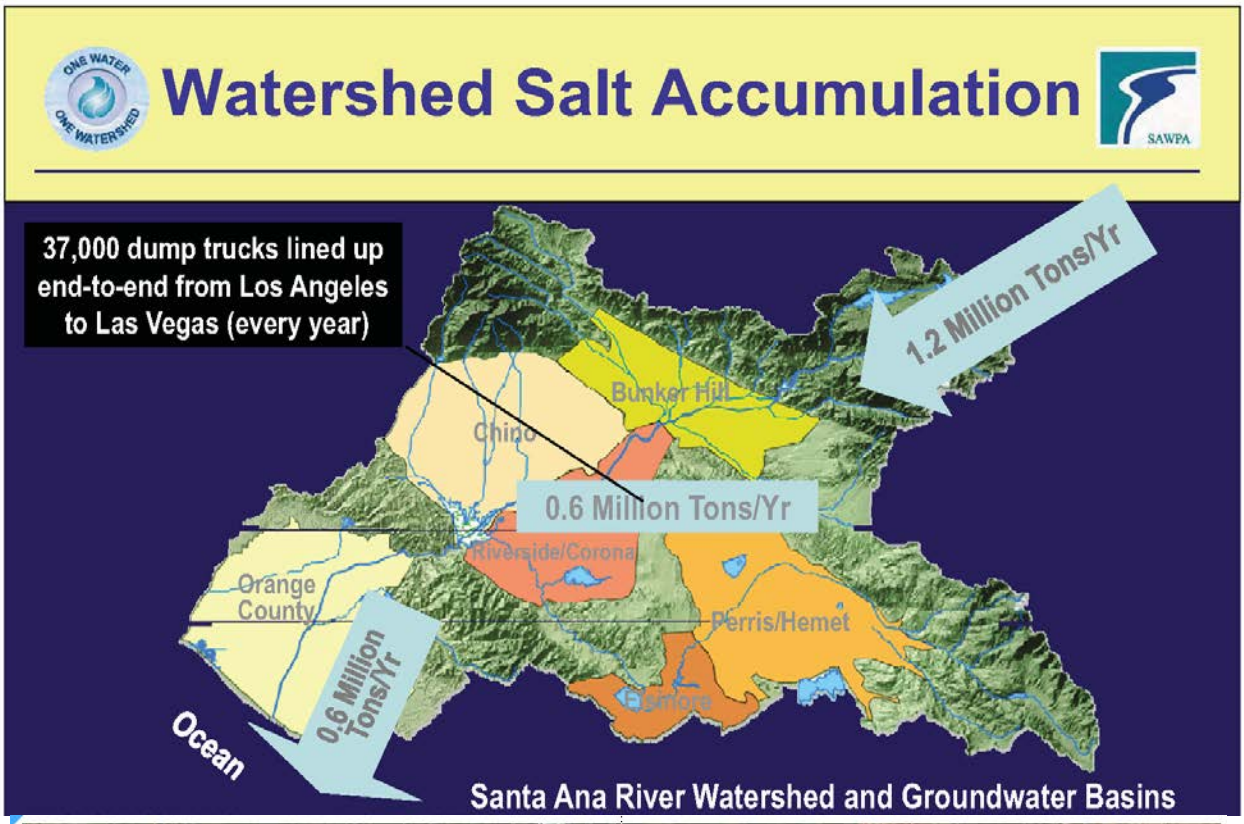
Subject: **Status Report on the Construction of the Yucaipa Valley Regional Brineline**

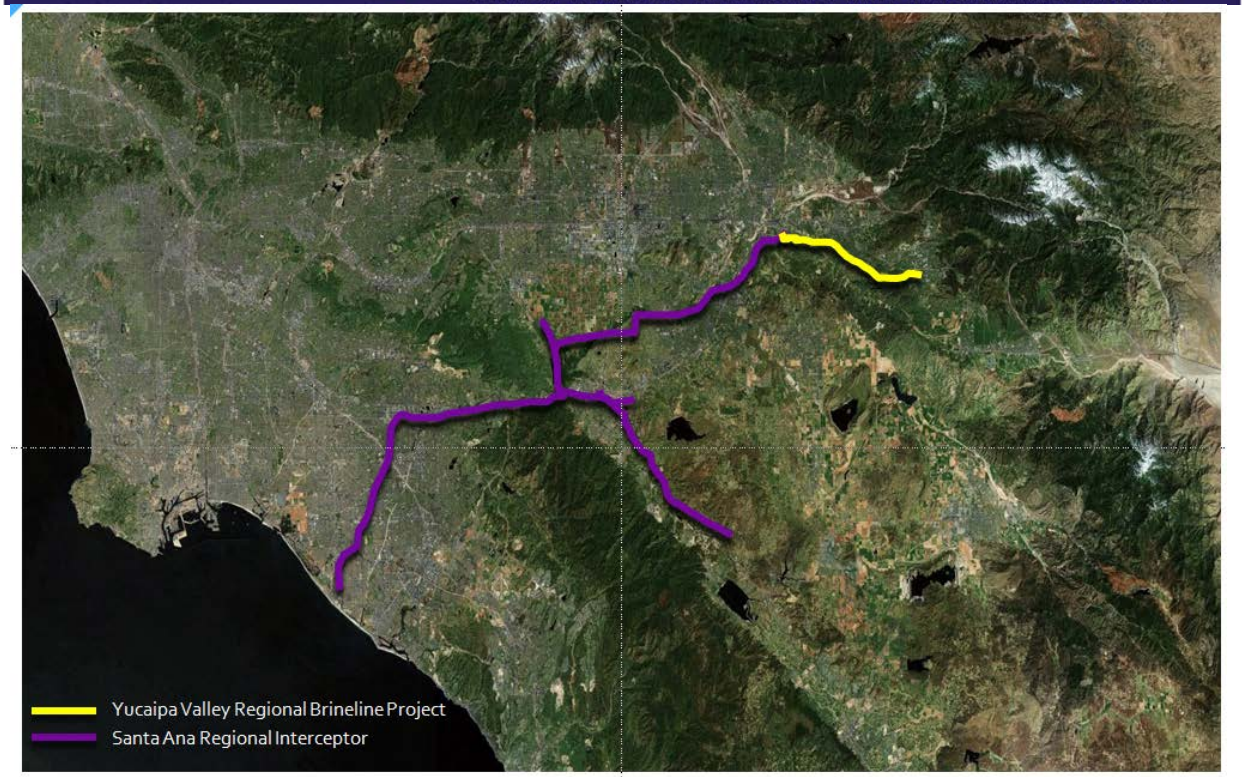
Yucaipa Valley Water District is in the process of constructing the Yucaipa Valley Regional Brineline in order to produce recycled water that complies with groundwater basin objectives as established by the Regional Water Quality Control Board. In order to comply with these limits, the District is required to add a reverse osmosis process to the wastewater treatment plant. This will enable the District to remove salts and minerals from depositing in to the groundwater basin. The proposed reverse osmosis system will produce salt water, referred to as "brine", that must be sent to the Pacific Ocean so it does not impact any fresh water supplies downstream of the Yucaipa Valley.

The Yucaipa Valley Regional Brineline Project consists of a 15-mile pipeline through which the District can safely and effectively dispose of the salt water produced. This pipeline will commence at the Wochholz Regional Water Recycling Facility and terminate at an existing brine disposal pipeline near the I-215 and I-10 Interchange. At this point the existing brineline extends another 73 miles traversing San Bernardino, Riverside and Orange counties to Orange County Sanitation District Wastewater Treatment Plant No. 2 in Huntington Beach, where the salt water is treated with domestic sewage and then sent to the ocean or reclaimed by Orange County Water District.

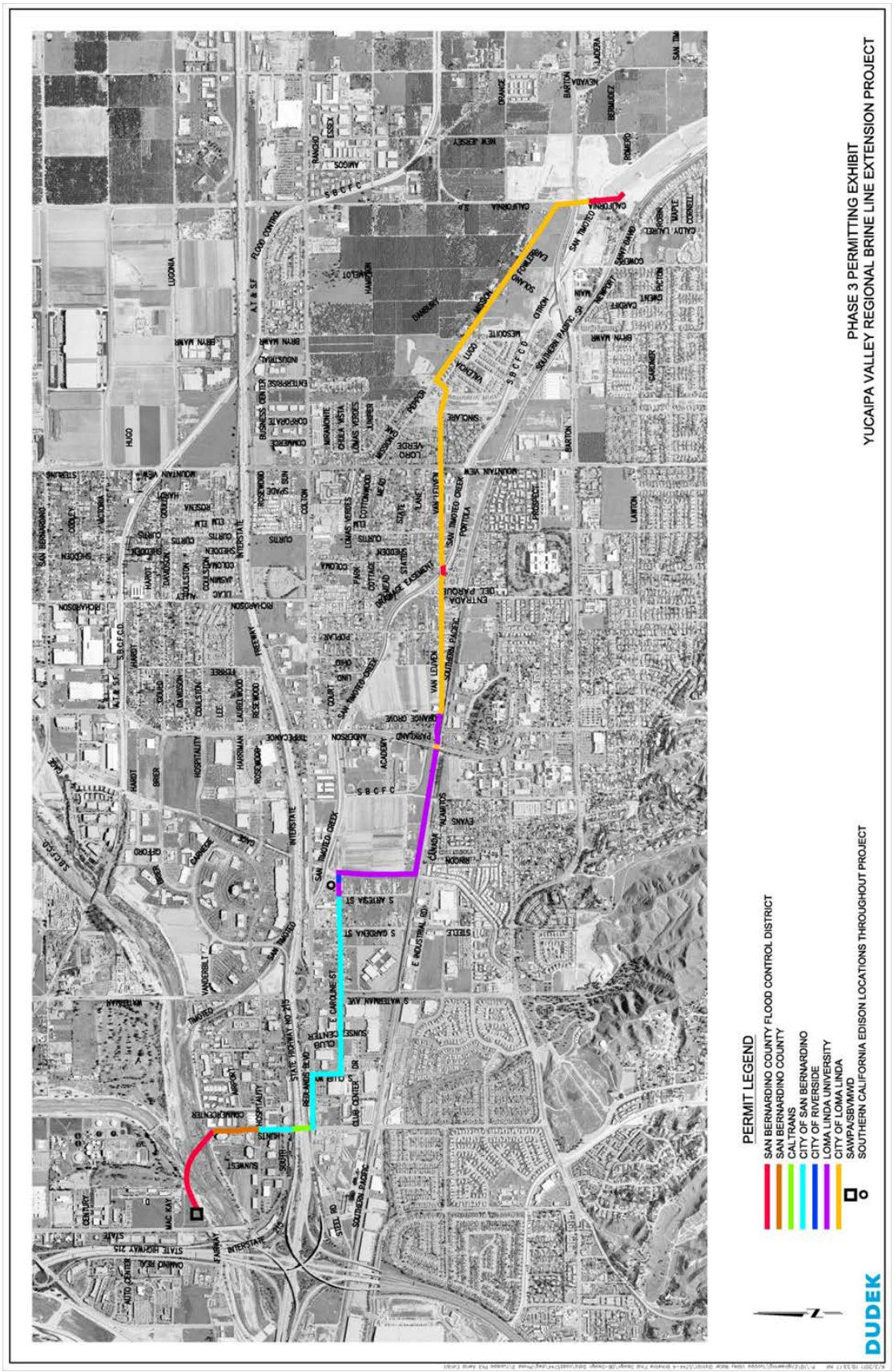
During this agenda item, the District staff will be providing an update of the construction status of the Yucaipa Valley Regional Brineline Project.







Yucaipa Valley Regional Water Supply Renewal Project


PHASE 3 PERMITTING EXHIBIT
YUCAIPA VALLEY REGIONAL BRINE LINE EXTENSION PROJECT
PERMIT LEGEND
SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT
SAN BERNARDINO COUNTY
CALTRANS
CITY OF SAN BERNARDINO
CITY OF RIVERSIDE
LOMA LINDA UNIVERSITY
CITY OF LOMA LINDA
SAWPA/SBVMWD
SOUTHERN CALIFORNIA EDISON LOCATIONS THROUGHOUT PROJECT
DUDEK

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