

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION**

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**RESOLUTION NO. R25-XXX**

**APPROVAL OF PROPOSED SPECIAL STUDY FOR  
LOS ANGELES COUNTY SANITATION DISTRICTS'  
A.K. WARREN WATER RESOURCE FACILITY**

The California Regional Water Quality Control Board, Los Angeles Region (hereinafter Los Angeles Water Board), finds:

1. The Los Angeles Water Board adopted the National Pollutant Discharge Elimination System (NPDES) permit for the Los Angeles County Sanitation Districts' (LACSD's) A.K. Warren Water Resource Facility (formerly known as the Joint Water Pollution Control Plant) on May 25, 2023 (Order No. R4-2023-0181).
2. The NPDES permit contains a requirement for LACSD to consult annually with the Los Angeles Water Board to determine the need for special studies. Detailed scopes of work for proposals must be presented to obtain Los Angeles Water Board approval and to inform the public. Special studies are intended to focus on refined questions regarding specific effects or development of monitoring techniques. Questions regarding effluent or receiving water quality, discharge impacts, ocean processes around the discharge, or development of techniques for monitoring, arising out of the results of core or regional monitoring, may be pursued through these special studies.
3. Pursuant to Resolution Nos. R19-002 and R21-005, adopted by the Los Angeles Water Board on February 14, 2019, and May 13, 2021, respectively, LACSD conducted two special studies. These special studies utilized broad spectrum chemical scan analyses to characterize the chemical fingerprints of non-toxic effluent samples from the Whittier Narrows, Pomona, Los Coyotes, Saugus, and San Jose Creek East Water Reclamation Plants (WRPs) to assist in LACSD's toxicity investigations when toxicity is detected in the effluent.
4. On December 11, 2024, representatives from LACSD met with Los Angeles Water Board staff to discuss the upcoming special study for 2025-2026: *The Use of Chemical Scans to Characterize Non-Toxic Effluent Samples (2025-2026 Special Study)*. The 2025-2026 Special Study builds off the previous two studies conducted under resolutions R19-002 and R21-005 because it focuses on conducting broad-spectrum chemical scans in non-toxic final effluent samples collected from LACSD's remaining three inland WRPs with unknown chemical fingerprints (Valenica, Long Beach, and San Jose Creek West WRPs). The chemical fingerprints developed during this study will be used to help inform future toxicity investigations at the WRPs.

6. The special study proposal can be found on LACSD's website:  
<https://www.lacsd.org/home/showpublisheddocument/13872/638744513817030000>

THEREFORE, BE IT RESOLVED THAT:

1. LACSD's proposed special study for 2025-2026, *The Use of Chemical Scans to Characterize Non-Toxic Effluent Samples*, is hereby approved.

I, Susana Arredondo, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of the Resolution adopted by the California Regional Water Quality Control Board, Los Angeles Region, on March 27, 2025.

Susana Arredondo  
Executive Officer