

Priority 3 Site Source Investigations

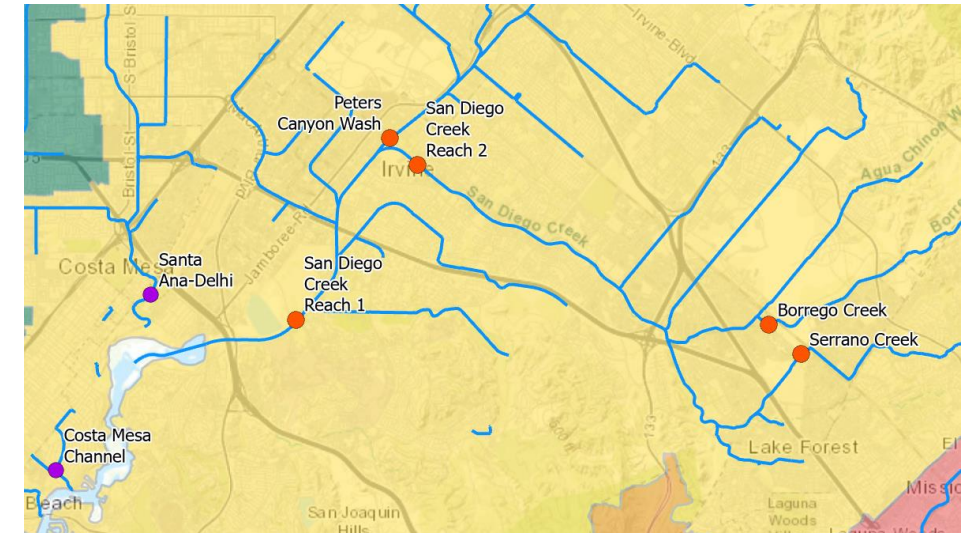
September 26, 2022

Overview

- Annual sampling at Priority 3 stations from 2016-2020
 - Santa Ana River
 - Newport Bay Watershed
 - Newport Coastal Streams
 - Bolsa Chica Channel
- Post 2020
 - Source investigations

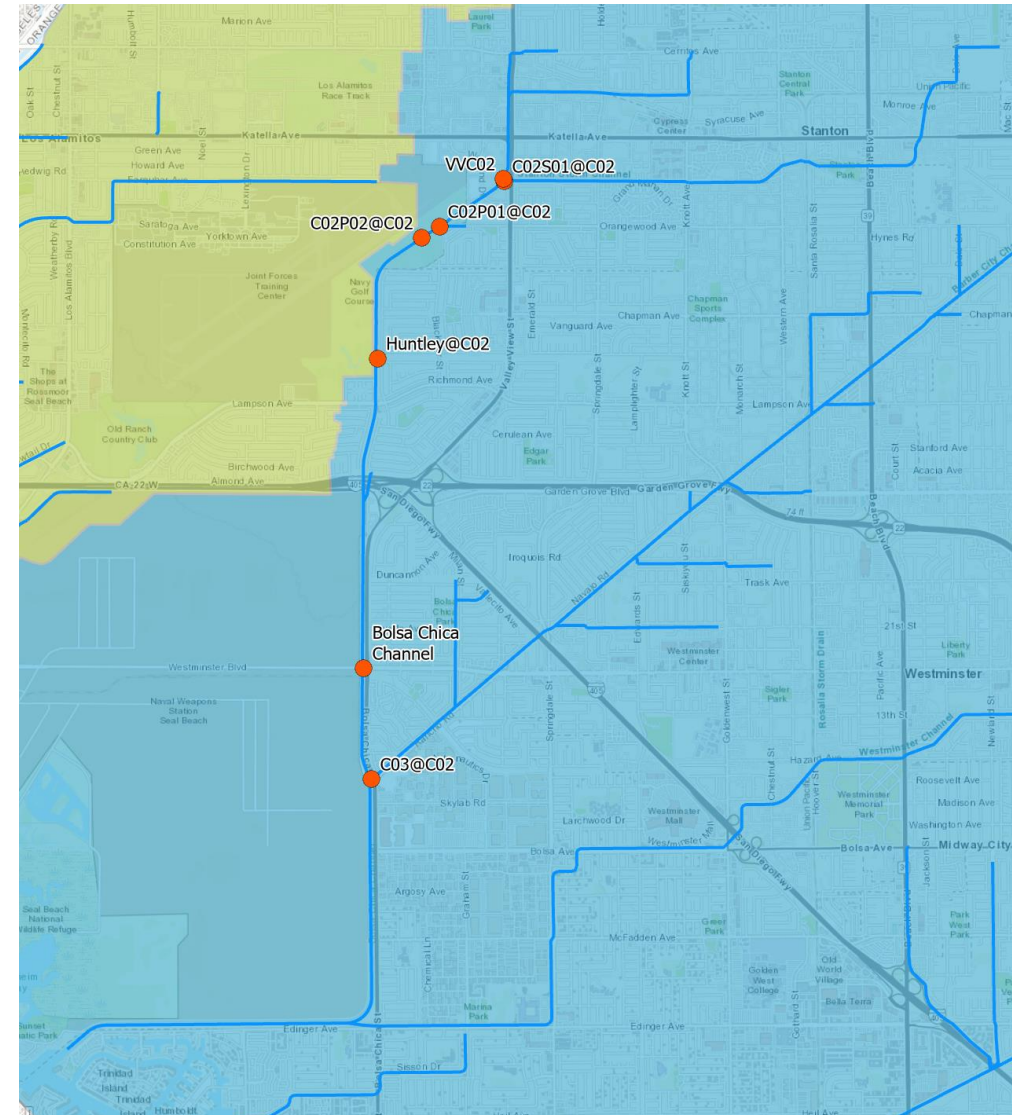
Newport Bay Watershed

- Serrano Creek and Borrego Creek
 - 2021 and 2022
 - 5-week sampling events
 - Borrego Creek mostly dry
 - Serrano Creek is hydrologically disconnected
 - Continued sampling to track changes with upstream development
- Peters Canyon Wash, San Diego Creek Reaches 1 & 2
 - 2022 Fecal Coliform TMDL TSO Source ID in the Newport Bay Watershed
 - San Diego Creek Reach 1 is sampled weekly; elements of this study flag elevated samples for re-sample of indicator bacteria and HF-183
 - To date, focused studies have been on the Santa Ana-Delhi and Costa Mesa Channel watersheds as proof of concept for source identification



Bolsa Chica Channel

- 2022 study of Bolsa Chica Channel's inputs
 - One round of samples was collected in March
 - A 5-week follow up was completed between July 11 and August 10
 - Sites include:
 - 5 inputs upstream of P3-OC1
 - Bolsa Chica Channel at P3-OC1
 - 1 input downstream of P3-OC1
- Data and analysis is still pending



Next Steps

- Evaluation of data produced by different programs
 - Assessing the study design
 - Identifying areas of interest