

Ballona Creek TMDL Project

Watershed

- **Area:** 128 square miles
- **90th Percentile Dry Weather Flow Rate:** 29 MGD
- **Prominent Land Uses:** Residential, Transportation, Commercial, Industrial

Project Collaborators % of Watershed Area

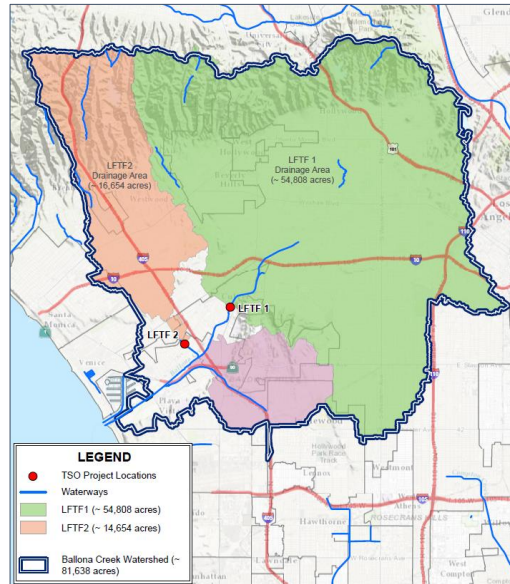
- City of Los Angeles: 80%
- Los Angeles County: 3.8%
- City of Culver City: 3.8%
- City of Beverly Hills: 4.5%
- City of West Hollywood: 1.4%
- City of Inglewood: 2.3%
- LACFCD: N/A

Low Flow Treatment Facility #1 (LFTF-1)

Low Flow Treatment Facility #2 (LFTF-2)

Project Goals:

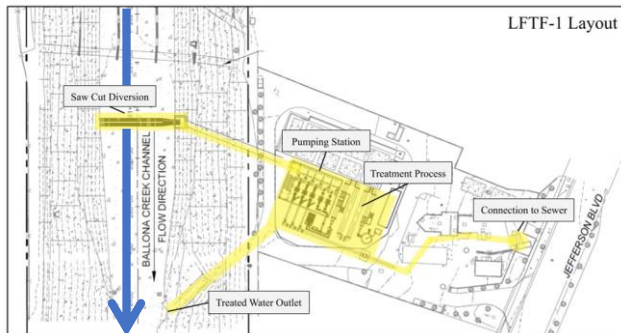
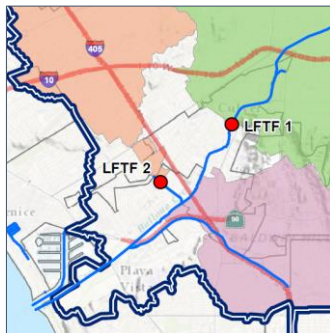
- Regulatory water quality compliance
- Support water contact recreation
- Ecosystem enhancement
- Increase local water supply



Low Flow Treatment Facility #1

Project Description:

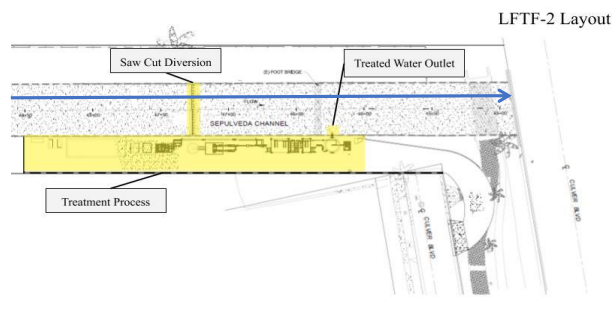
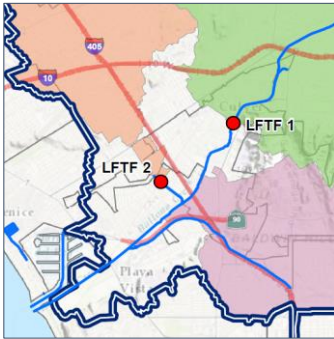
- Ballona Creek Reach 2
- Drainage area: 54,572 Acres
- Design Capacity: 29 MGD
- Up to 6 MGD for ozone disinfection
- Up to 23 MGD for conveyance to HWRP for recycling
- Retrofit of abandoned NOTF facility



Low Flow Treatment Facility #2

Project Description:

- Sepulveda Channel
- Drainage Area: 14,789 Acres
- Design Capacity: 1.3 MGD
- Up to 1.3 MGD for ozone disinfection
- New constructed facility



Project Benefits

- **Regulatory Water Quality Compliance:**
 - Specified in the Ballona Creek EWMP
 - Designed to comply with dry weather bacteria TMDL throughout the watershed for over 330 days a year
 - Designed to meet watershed needs in collaboration with the Culver City Mesmer Low Flow Diversion
- **Support Water Contact Recreation:**
 - Supports the REC-1 and REC-2 Basin Plan designations
 - Protects public health during currently observed activities along Creek, Estuary, and the Santa Monica Bay



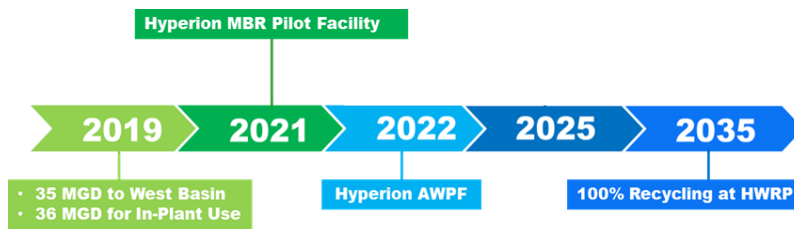
Project Benefits (cont.)

- **Ecosystem Enhancement:**

- Enhances current conditions in Ballona Creek, Estuary, Wetlands, and the Santa Monica Bay
- Lowers levels of bacteria, organic chemicals, trash, metals entering the Estuary and Santa Monica Bay

- **Increase Local Water Supply:**

- 5,060 AF/year (1.6 billion gal/year) diverted for local water supply
- 100% water recycling at Hyperion Water Reclamation Plant by 2035
- 2 new water recycling pilot plants in the next few years



Project Outreach

Project Collaborators

Permitting Agencies:

- LAWQRCB
- Army Corp of Engineers
- California Department of Fish and Wildlife
- LA County Flood Control District
- LA DOT, LA DWP, SoCal Edison, METRO

Community Outreach:

- Ballona Creek Renaissance
- Friends of Ballona Creek
- Heal the Bay
- LA Waterkeepers
- Surfrider Foundation
- Council for Watershed Health
- Natural Resource Defense Council
- LA Council Districts 5,6,10,11
- Neighborhood Councils (Westchester, Del Rey, West Adams)
- Del Rey Residents Association

CEQA / Environmental Impact Report

State Clearinghouse # 2017021047

•**Notice of Preparation:** February 17, 2017

•**Scoping:** February 17 – March 20, 2017

•**Public Scoping Workshop:** March 2, 2017

•**Public Review and Comments Draft EIR:**
August 17 – October 16, 2017

•**Public Comment Workshops:**
September 20, 2017

•**Completion Final EIR:**
March 2018

•**State Clearinghouse Certification:**
August 1, 2018



LASAN sent consultation notification letters to 11 Tribes, and held formal consultations with representatives of the following three tribal nations:

- Tongva Ancestral Territorial Tribal Nation
- Gabrieleño Band of Mission Indians – Kizh Nation
- Gabrielino-Tongva Indians of California Tribal Council

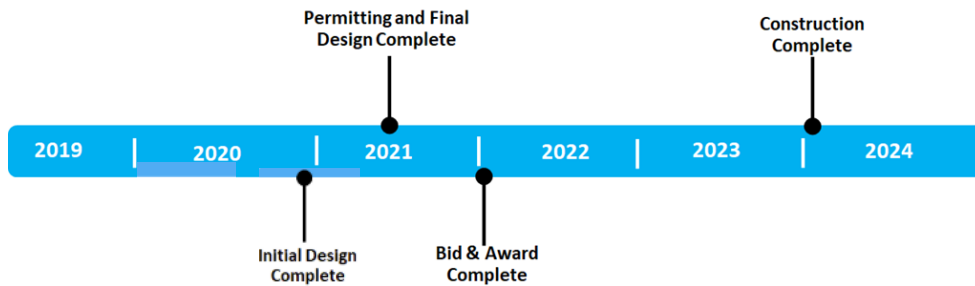
Project Schedule

Completed:

- 70% facility design, CEQA and Full EIR, 1602 California Fish & Wildlife Permit
- Geotechnical, Structural, Hydrological, Surveying Reports

Ongoing:

- 401 Permit from LARWQCB, 404 and 408 Permits from Army Corp of Engineers, LACFCD Permits
- 100% facility design at both locations



Safe, Clean Water Scoring

Water Quality (Dry Weather): Designed to manage 100% of all tributary dry weather flows. Tributary size is larger than 200 acres.	40/50
Water Supply: Water Supply Cost Effectiveness is less than \$1000/AF. Water Supply Benefit Magnitude is greater than 300 AF/year.	25/25
Community Investment Benefits: 4 claimed benefits (1) Creation, enhancement, or restoration of parks, habitat, or wetlands. (2) Improve public access to waterways. (3) Enhanced or new recreational opportunities. (4) Increasing the number of trees increase and/or other vegetation at the site location that will increase carbon reduction/sequestration and improve air quality.	5/10
Nature-Based Solutions: Project earns 5 points for implementing or mimicking natural processes.	5/15
Leveraged Funding: Project has more than 50% funding matched. Project demonstrates strong local, community-based support.	10/10
Final Score:	85/110