

Ballona Creek TMDL Project



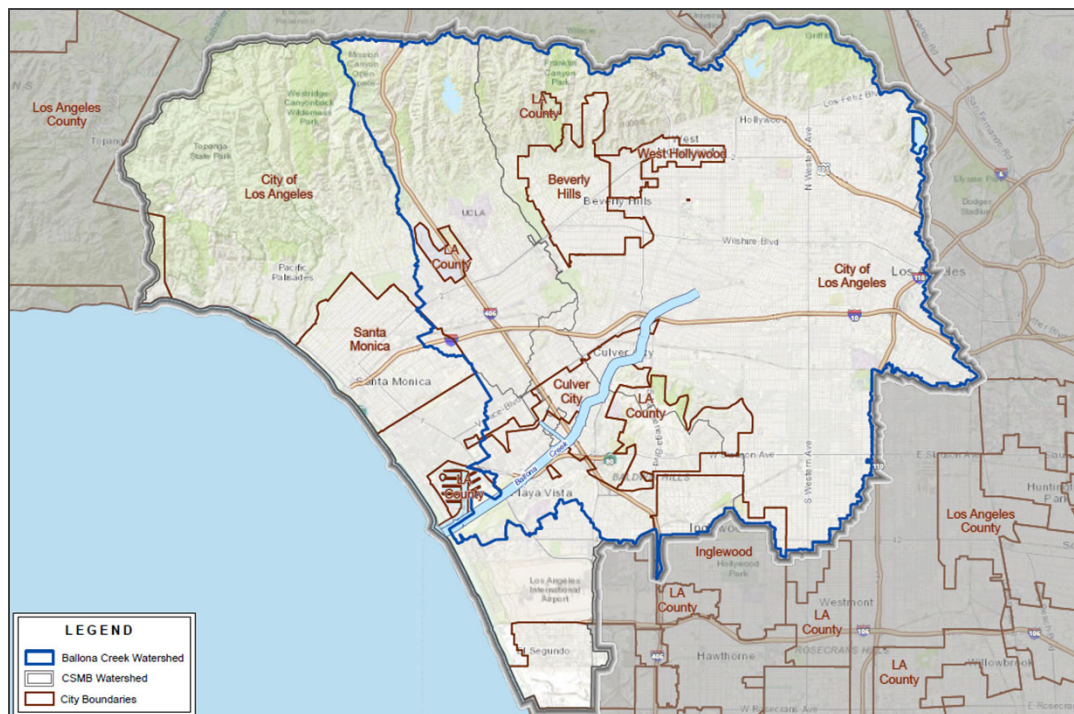
March 15, 2021

City of Los Angeles Proposition O
Citizen's Oversight Advisory Committee



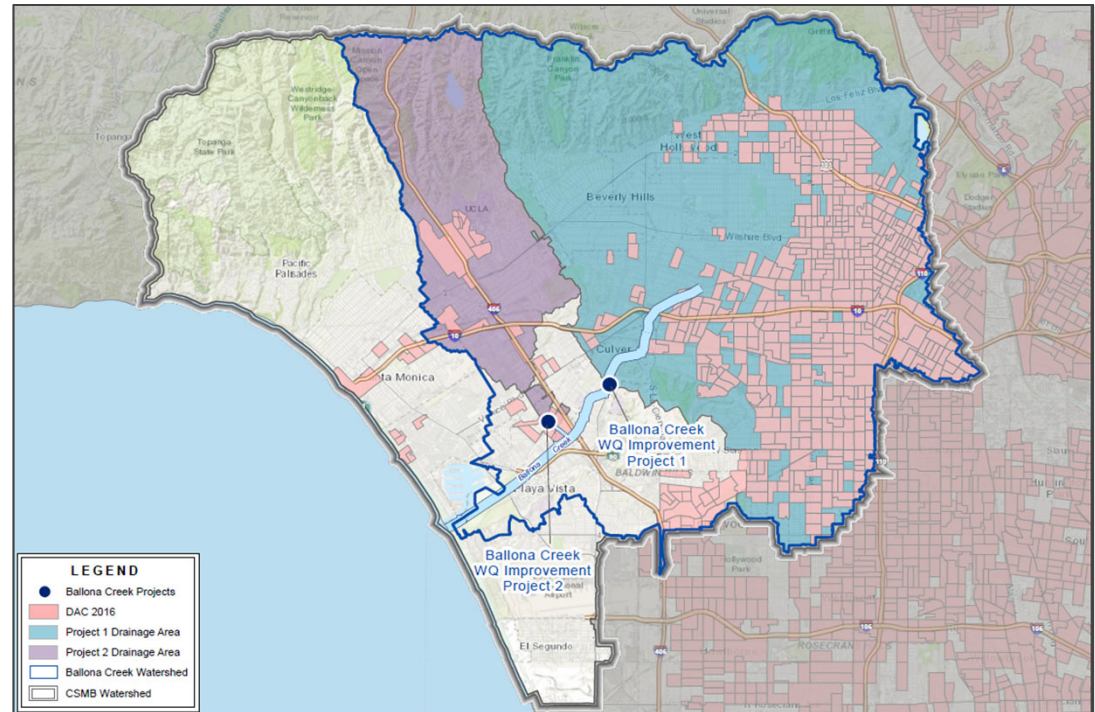
Ballona Creek Watershed

- Watershed Area:
 - 128 square miles
 - 8 TMDLs
- Project Partners:
 - Los Angeles County
 - City of Culver City
 - City of Beverly Hills
 - City of West Hollywood
 - City of Inglewood
 - LACFCD



Project Background

- Project in development since 2015 per Time Schedule Order R4-2015-0108
- Completed to Date:
 - 80% facility design
 - CEQA and Full EIR
 - Permitting with US Army Corp, CDFW, LACFCDD
 - Technical Studies, Engineering Analysis, Bench Scale Testing



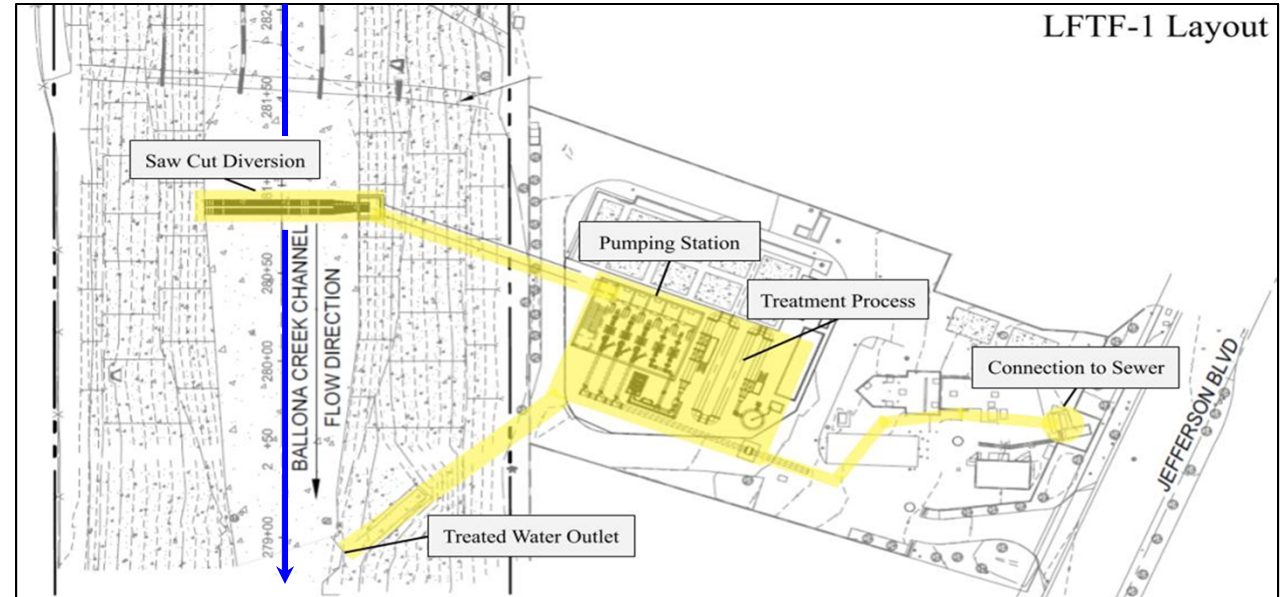
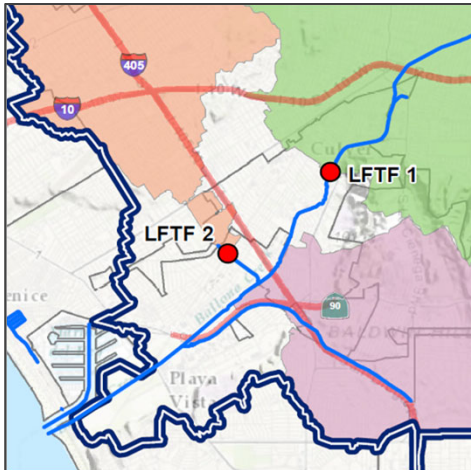
Goals and Objectives

- Attain the water quality objectives of the Ballona Creek Dry Weather Bacteria TMDL throughout the entire Ballona Creek Watershed
 - Divert dry weather creek flows for a combination of treat-and-release with ozone treatment technology and diversion to the sewer for water recycling
- Provide over 5,000 AF of water per year for new recycling at the Hyperion Water Reclamation Plant
- Enhance conditions of Ballona Creek



Proposed Improvements: LFTF-1

- Dry Weather
- Ballona Creek Reach 2
- Drainage Area: 54,572 Acres
- Design Capacity: 29 MGD
- 6 MGD for ozone disinfection
- Up to 23 MGD for conveyance to HWRP for recycling
- Retrofit abandoned City infrastructure

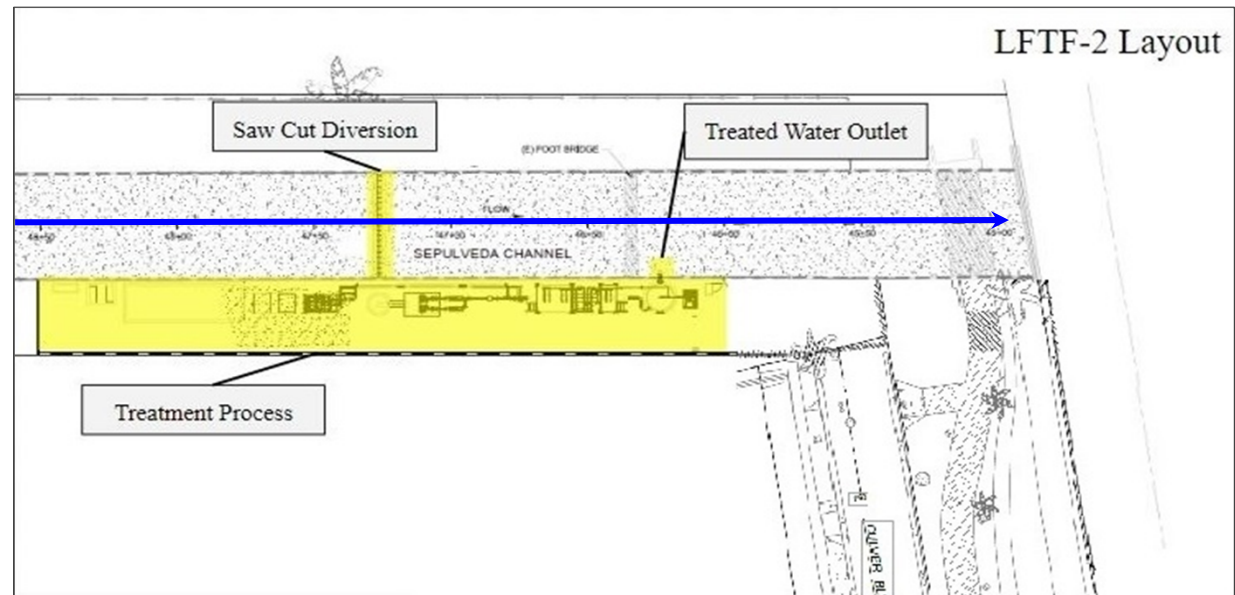
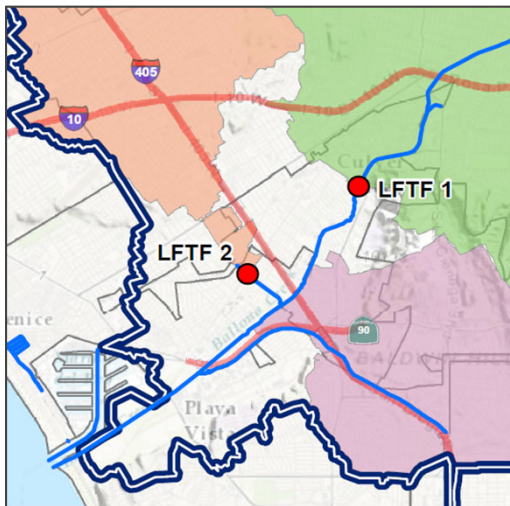


Proposed Improvements: LFTF-1

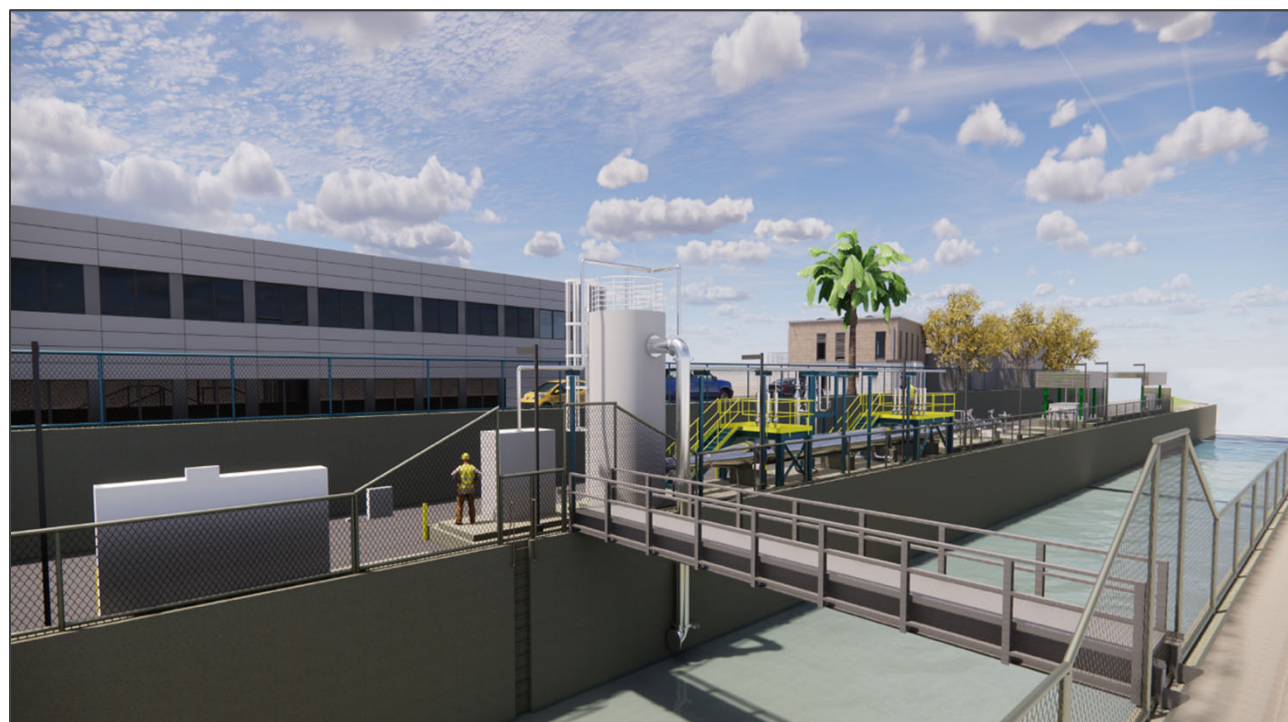


Proposed Improvements: LFTF-2

- Dry Weather
- Sepulveda Channel
- Drainage Area: 14,789 Acres
- Design Capacity: 1.3 MGD
- Up to 1.3 MGD for ozone disinfection
- Newly constructed facility on LACFCD right of way

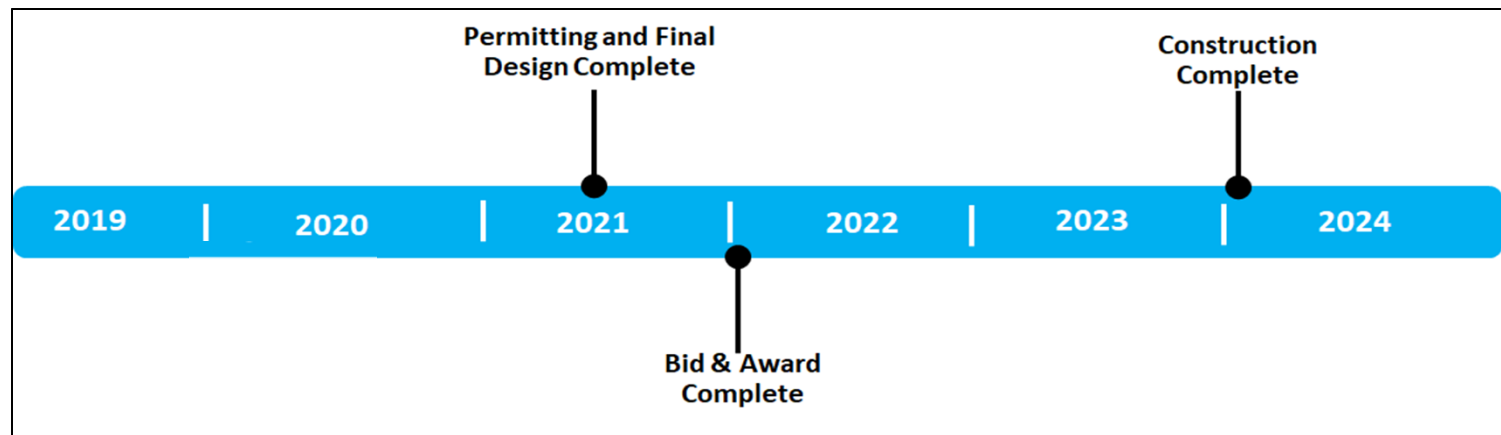


Proposed Improvements: LFTF-2

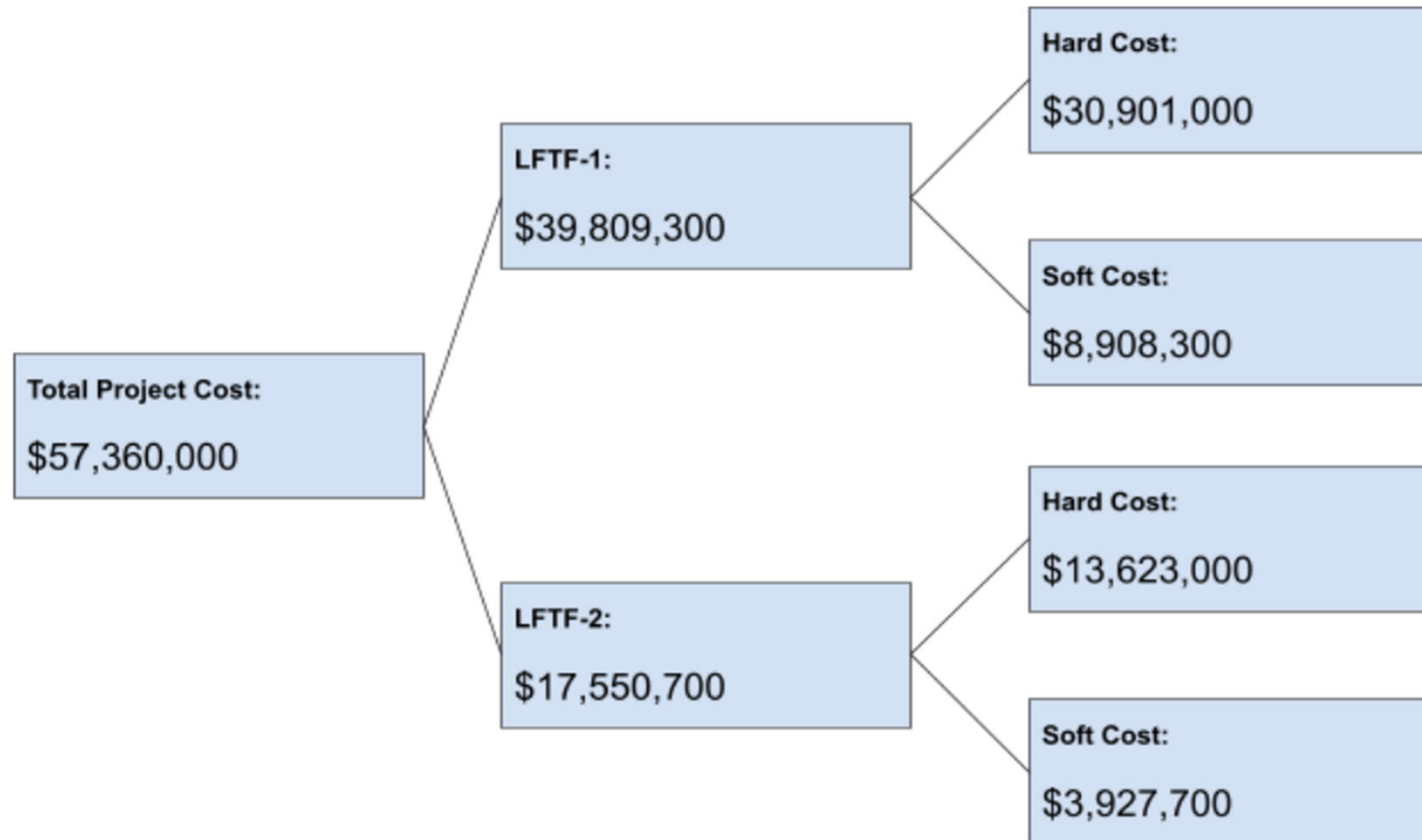


Next Steps

- Final execution of the LARWQCB's 401 permit and LACFCD permits (nearing completion)
- Secure construction funding (in-process)
- Finalize 100% design (nearing completion)



Project Cost (Class B)



Class B Total Construction Cost: \$44.5 million
Class A expected July 2021, ±20% cost



Project Funding

- **Project Estimated Total Cost: \$57.3 Million**
- **Potential Funding Sources**
 - Safe, Clean Water Program..... \$15 M*
 - GF Commitment..... \$5-6 M*
 - LACFCD..... \$1.5 M*
 - Cost sharing MOA..... \$3-5 M*
 - Total..... \$24.5-27.5 M*
- **Anticipated Needs: \$29.8-32.8 Million**
- **Funds NOT Secured**



Questions and Comments

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