



De Soto Tanks and Pump Station Project

March 2020

Agenda

- Project Overview and Objectives
- California Environmental Quality Act (CEQA)
Draft Environmental Impact Report (DEIR)
- Public Comment Period
 - Verbal Comments
 - Written Comments on Comment Cards

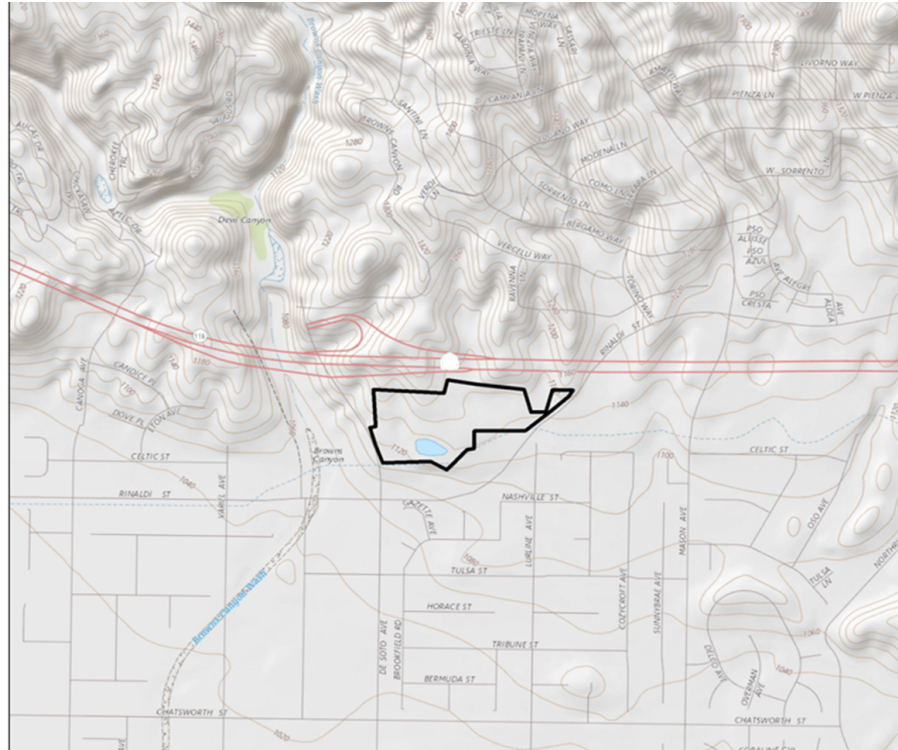
Project Purpose and Need

The goal of the proposed project is to maintain and improve the drinking water supply for the West San Fernando Valley. Specific objectives related to this goal include:

- Replacing aged infrastructure;
- Increase operational effectiveness, reliability, and flexibility during planned or emergency outages;
- Provide additional emergency water supply to the West San Fernando Valley;
- Maintaining the quality of the drinking water supply.

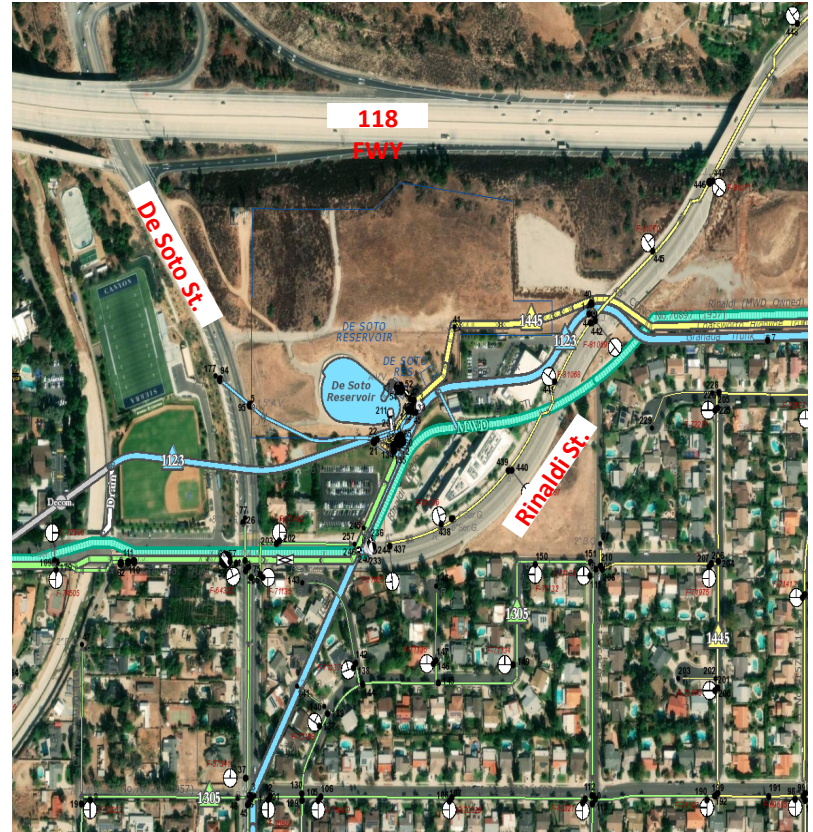
Project Location

- 11200 De Soto Avenue, Chatsworth, CA 91311



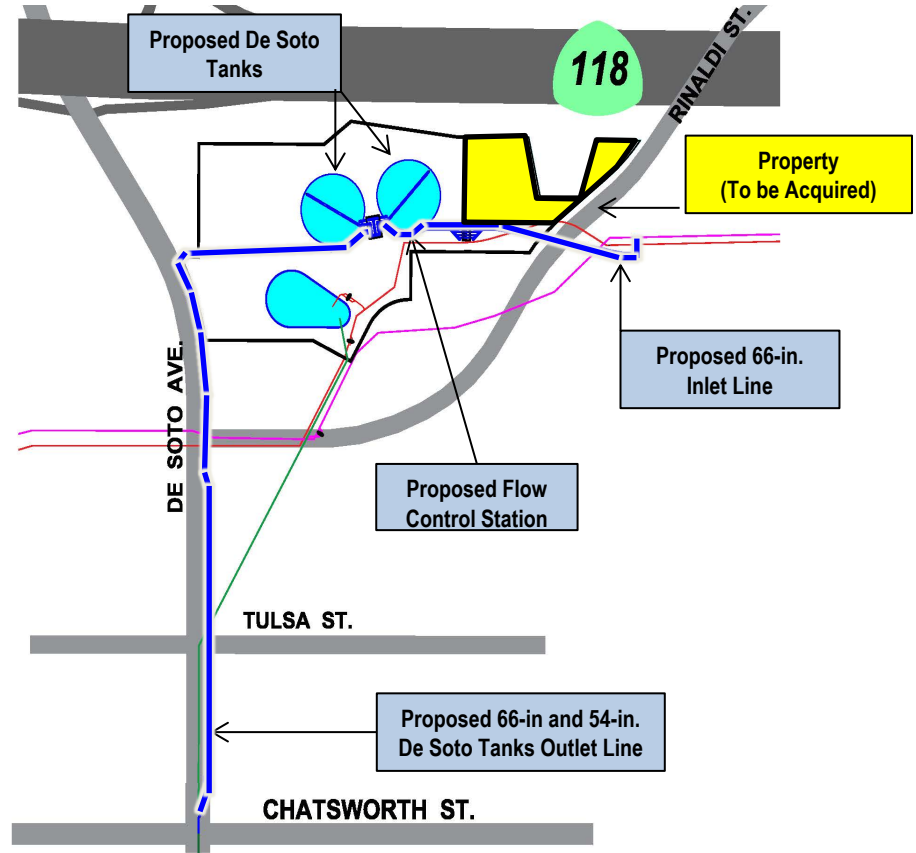
Project Overview

- The existing 3 million gallon De Soto Reservoir, shown in blue, was placed in service in 1941.
- The new tanks, to be constructed north of existing reservoir, will have an operating storage capacity of 20 million gallons.
- The De Soto Tanks will provide additional water storage needed to allow LADWP operational flexibility during planned or emergency outages. The tanks and pump station will also provide additional emergency water supply to the West San Fernando Valley.



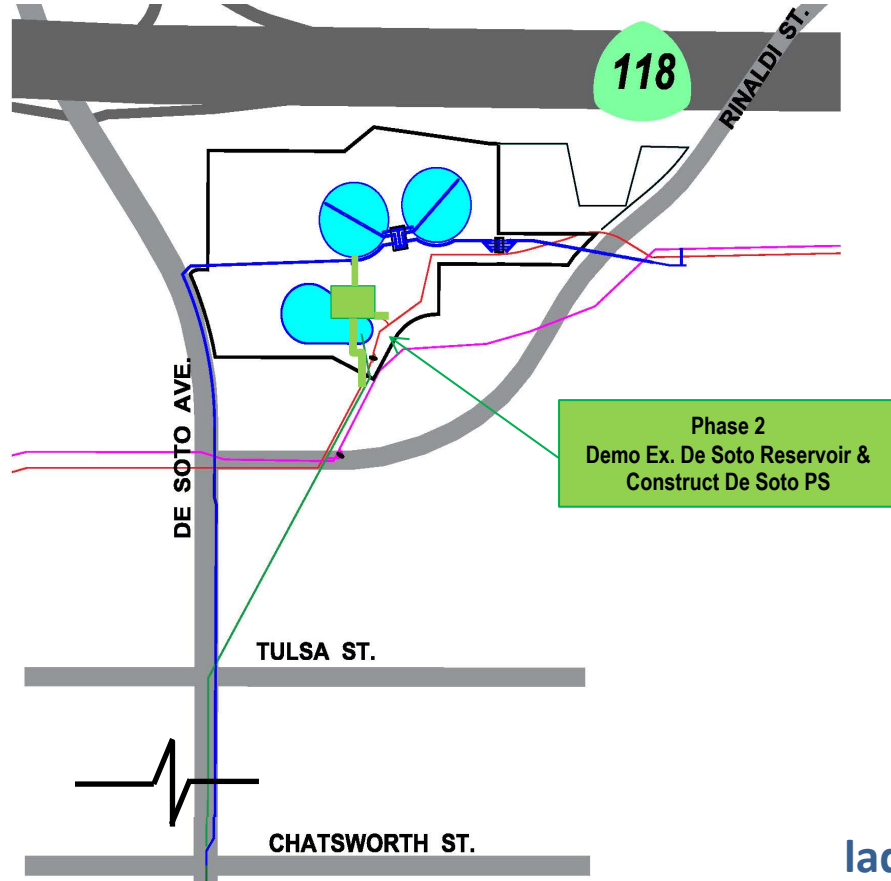
De Soto Tanks and Pump Station Project

- Phase I Construction:
 - Two 10 MG Tanks (~245-ft diameter x 40-ft tall each)
 - ~5,100 feet of 66-in & 54-in dia. Pipe
 - Flow Control Structure
- Excavation of two football fields ~50 feet deep.
- Start of Construction: 2023



De Soto Tanks and Pump Station Project

- Phase 2:
 - Demolition of Existing 3 MG Reservoir
 - Construction of De Soto Pump Station
- Start of Construction: TBD



Project Construction Schedule

PHASE 1 – De Soto Tanks, Flow Control Station, and New
Inlet/Outlet Pipelines

Summer 2023 – 2027

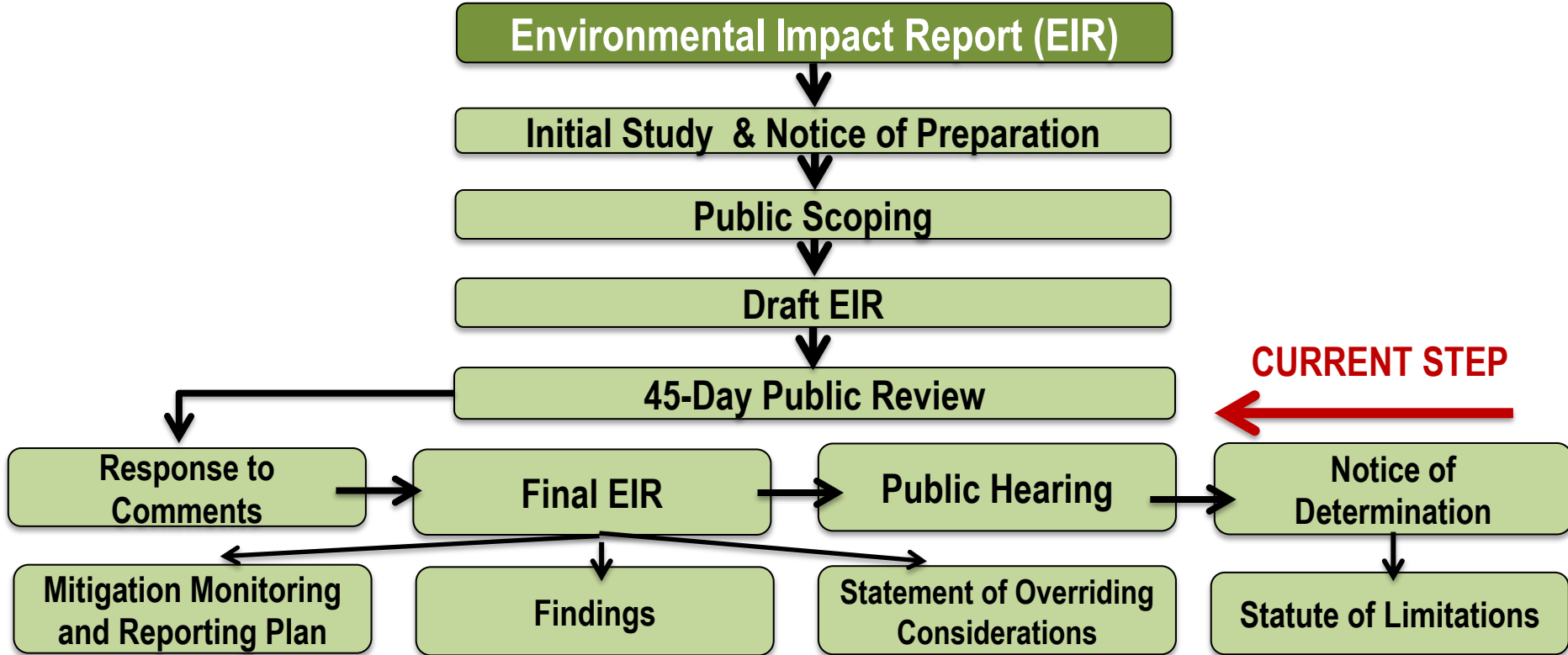
PHASE 2 – Demolition of Existing De Soto Reservoir and Construction
of New Pump Station

To be Determined

Overview of the CEQA EIR Process

- Under the California Environmental Quality Act (CEQA), LADWP must prepare an Environmental Impact Report (EIR) for any project that it proposes to carry out that may have a significant impact on the environment.

CEQA Process



CEQA Environmental Factors

- Aesthetics
- Agricultural Resources
- **Air Quality**
- **Biological Resources**
- **Cultural Resources**
- **Energy**
- Geology and Soils
- **Greenhouse Gas Emissions**
- Hazards/Hazardous Materials
- **Hydrology/Water Quality**
- Land Use and Planning
- Mineral Resources
- **Noise**
- Population and Housing
- Public Services
- Recreation
- **Transportation / Traffic**
- Tribal Cultural Resources
- **Utilities and Service Systems**

Note: Items highlighted in green were analyzed further in the Draft EIR

Contents of an EIR

- Analysis of environmental consequences of the project
- Direct and indirect significant environmental effects of the project
- Cumulative effects
- Unavoidable significant effects
- Mitigation measures
- Alternatives to the project

CEQA Construction Details

Construction Phases

- Site Preparation
- Excavation (350,000 cubic yards)
- Tank Construction
- Inlet/outlet pipeline construction
- Flow control station construction
- Backfilling new tanks (116,000 cubic yards)
- Demolition of old tanks

CEQA Impact Conclusions

Construction Analysis

- Some factors analyzed were under thresholds of significance established under CEQA or other guidelines
- Potentially significant impacts were identified for air quality, biological and cultural resources, hydrology and water quality, and noise
- Mitigation measures were recommended to reduce the level of these impacts to less than significant

Operations Analysis

- No significant impacts were identified for project operations
- Transportation and traffic impacts are less than significant
- Operational activities would be essentially the same as those that occur under existing conditions

CEQA Mitigation Measures

Air Quality

- All 75-horsepower diesel-powered equipment shall be certified Tier 4 Interim engines.
- All other diesel-powered construction equipment will be classified as Tier 3 or higher.

Biological Resources

- Ground-disturbing and vegetation/trimming/removal activities shall be conducted outside of breeding season where feasible.
- Nesting bird surveys if construction initiated during the nesting season (mid-February through August).

CEQA Mitigation Measures

Cultural Resources

- All construction activities within 100 feet of an unanticipated discovery of archaeological resources shall stop until a qualified archaeologist can evaluate the significance of the find.
- If human remains are discovered, the County Coroner shall be notified within 24 hours of the discovery.

CEQA Mitigation Measures

Hydrology and Water Quality

- The project shall include drainage facilities designed such that post-storm runoff rates would be less than or equal to existing conditions.
- LADWP shall incorporate Low Impact Development features into the project.
- A Low Impact Development plan shall be prepared for the project.

CEQA Mitigation Measures

Noise

- Construction activities shall not occur between the hours of 9:00 p.m. and 7:00 a.m. Monday through Friday, 6:00 p.m. and 8:00 a.m. on Saturday, or on Sundays or national holiday.
- Pumps and other equipment shall be shielded from sensitive uses using temporary noise barriers.
- Construction shall not occur within 20 feet of any noise- or vibration-sensitive land uses.

CEQA Mitigation Measures

Noise (cont.)

- Noise-producing equipment and internal combustion vehicles shall be equipped with mufflers and other noise-reducing features.
- Idling equipment, material stockpiles, mobile equipment staging, parking, and maintenance areas shall be kept to a minimum and moved as far as practicable from noise-sensitive land uses.
- Electric equipment shall be used instead of pneumatic or internal combustion, where feasible.
- Noise-producing signals (e.g. horns, bells, alarms, whistles) shall be used for safety warning purposes only.

CEQA **Other Project Commitments**

- Throughout construction and operation of the proposed project, equestrian access would be maintained and limited to a path along the southern edge of LADWP property to avoid interference with construction and operation activities. A sound wall will separate the path and construction site.

Next Steps: Environmental Project Schedule

ACTIVITY	DATE
Public Review of Draft Environmental Impact Report	March 6, 2020 – April 20, 2020
LADWP Response to Comments	April 20, 2020 – May 20, 2020
Prepare Final EIR	May/June 2020
LADWP Board Certification of Final EIR and Project Approval	June / July 2020
CEQA Notice of Determination	July 2020



Submit Your Comments

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- E-MAIL:

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Comments must be received by 5:00PM on April 20, 2020



