

Devil's Gate Reservoir Restoration Project



Public Works
LOS ANGELES COUNTY



Winter 2019



Construction

Establish a permanent maintenance area for annual sediment removal

- Reduces need for major sediment removal project in the future

Restores flood protection capacity and reduces flood risk

- 1.7 MCY sediment removal (plus additional inflow during project)
- 800,000 CY annual maximum
- Reservoir will have 3 MCY of capacity for flood protection

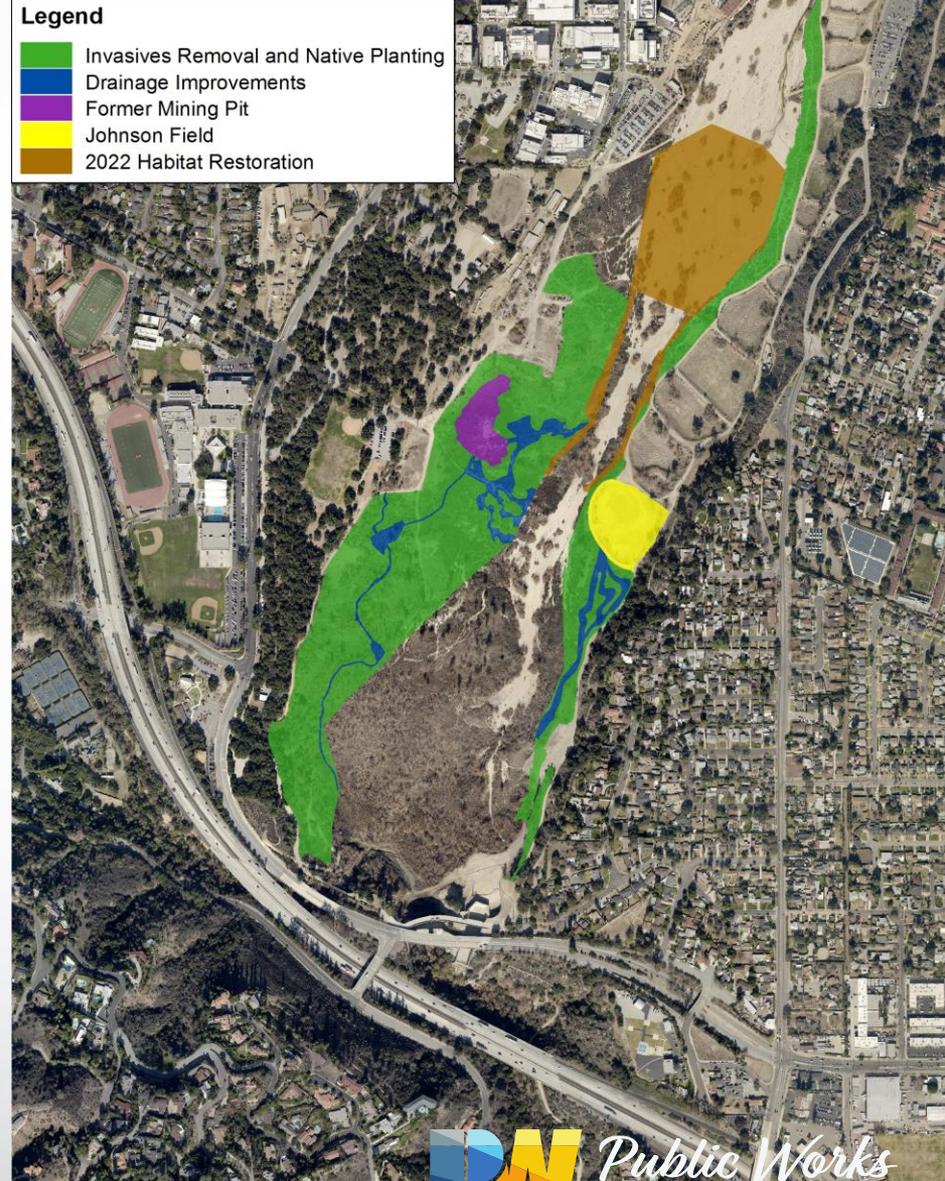
Legend

-  Sediment Removal Footprint (65 Acres)
-  Annual Maintenance Area (42 Acres)
-  LACFCD Easement Boundary (258 Acres)



Phase 1: Restoration

- November 2018 - April 2019
- Restoration of 70 acres of non-native and invasive vegetation with drought-tolerant, native habitat
- Replanting activities will be done with hand tools
- Minor grading and recontouring
- Irrigation system installation
- Installation of container plants and pole cuttings and seeding
- Ongoing weed removal and irrigation



Phase 1: Restoration



Removal of Invasive and Non-native Species

Phase 1: Restoration



Removal of Invasive and Non-native Species

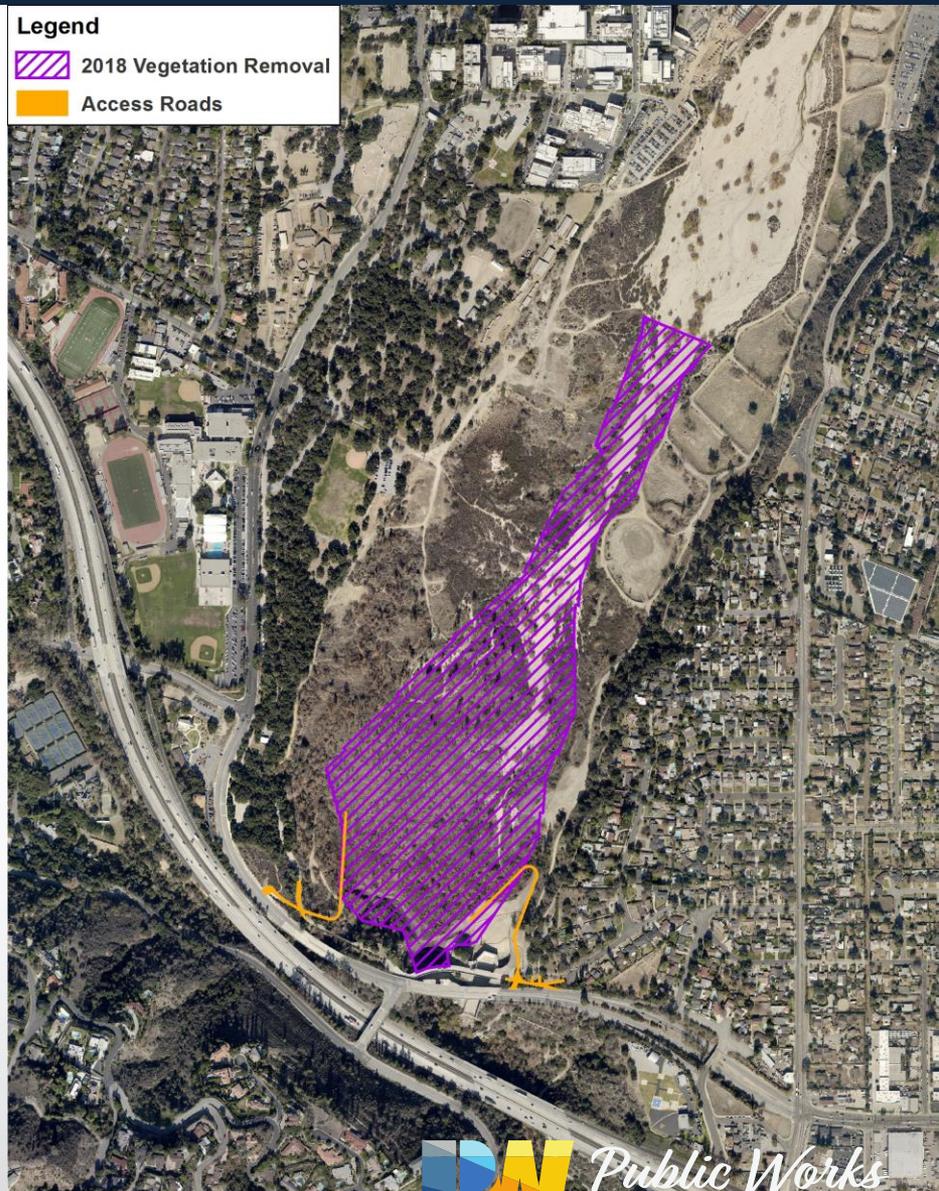
Phase 1: Restoration



Removal of Invasive and Non-native Species

Phase 2: Access Road Construction & Vegetation Removal

- November 2018 - March 2019
- Trails temporarily closed during the week. Closed Monday at 7 am and opened on Friday at 5 pm.
- Workspace clearly defined with fencing
- 54 acres of vegetation removed
- Biologists conduct pre-construction surveys, monitor project activities, report noncompliance issues and recommend measures to avoid impacts to wildlife



Phase 2: Access Road Construction



Construction of East Access Road

Phase 2: Access Road Construction



Installation of Storm Drain



Installation of Catch Basin

Phase 2: Vegetation Removal



Environmentally Sensitive Area (ESA) Fencing

Phase 2: Vegetation Removal



Biological Monitoring of Vegetation Removal Activities

Phase 2: Vegetation Removal



Biological Monitoring of Vegetation Removal Activities

Phase 3: Sediment Removal

- April - November (2019–2022)
- Monday - Friday, 7 am to 5 pm with hauling ending at 3:30 pm
- No work on weekends, holidays, or during major Rose Bowl events
- Trails temporarily closed weekdays 7 am - 5 pm. Open weekends
- Prior to final year of project, remaining 14 acres of vegetation removed at north end of reservoir



Phase 3: Sediment Removal



Sediment Built up Behind the Dam



Construction Recap

Measures to reduce impacts:

- New access points: No sediment hauling on residential streets
- Hauling Operations:
 - ✓ April thru October (November if weather allows)
 - ✓ Monday-Friday, from 7 a.m. to 3:30 p.m.
 - ✓ Low-emission trucks
 - ✓ No weekends, holidays or major Rose Bowl events
 - ✓ No staging on city streets
 - ✓ Enforcement of BMPs
 - ✓ Construction inspectors on site
 - ✓ Trucks balanced between cities of Pasadena and La Cañada Flintridge



Local and Targeted Worker Hire Program



December 7, 2018 Job Fair – The Flintridge Center, Pasadena



Talk to Us

Questions?

For More Information:

Subscribe to our e-mail list to receive updates on the project.



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