



*Public Works*

LOS ANGELES COUNTY

# Devil's Gate Reservoir Annual Maintenance Project 2024 and 2025

Keith Hala  
Civil Engineer

Allen Xie  
Associate Civil Engineer

June 2024

# Agenda

- Background
- Project Overview
- Sediment Quantity Overview
- Hauling Schedule
- Best Management Practices
- Community Outreach
- Q&A

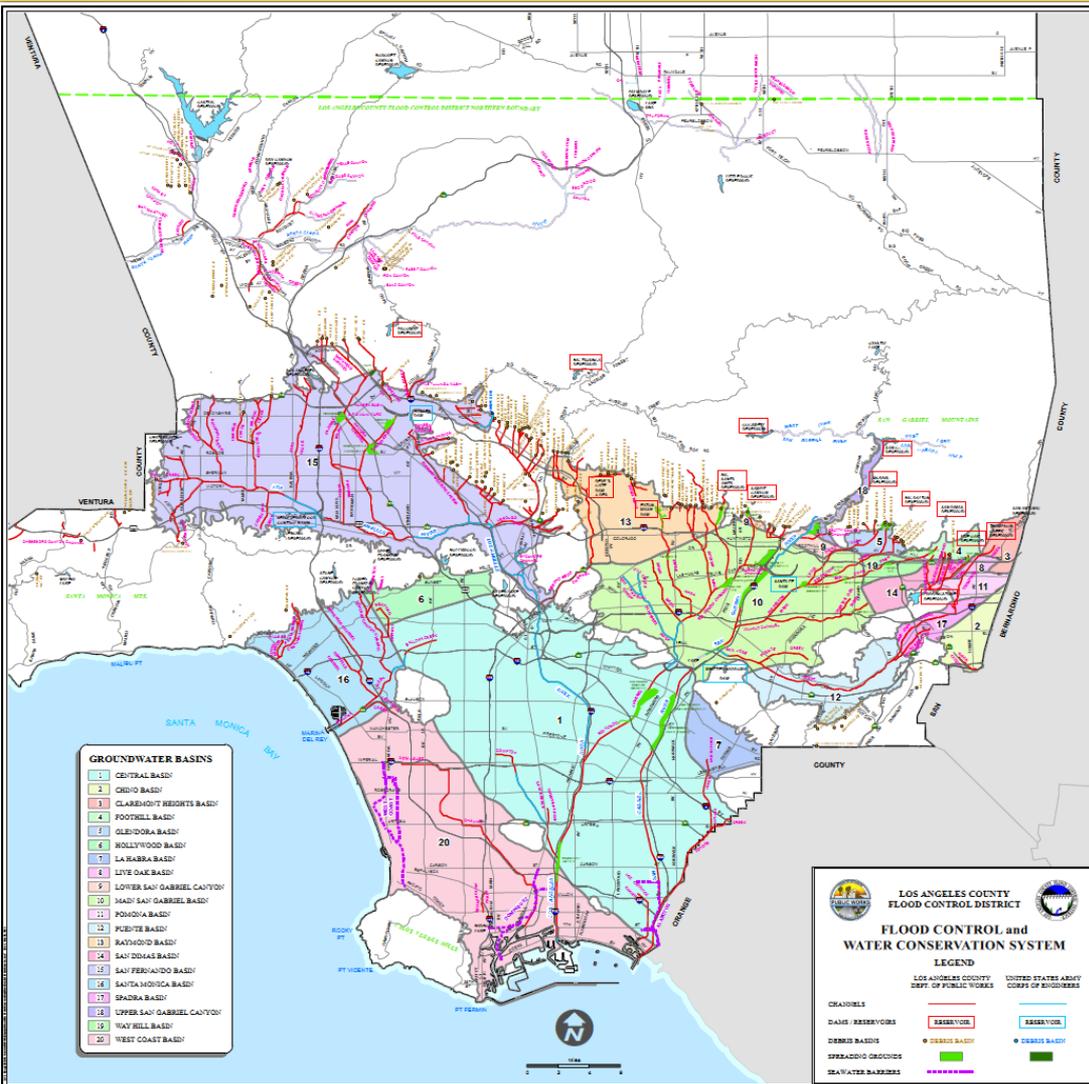


GETTY IMAGES

# Background

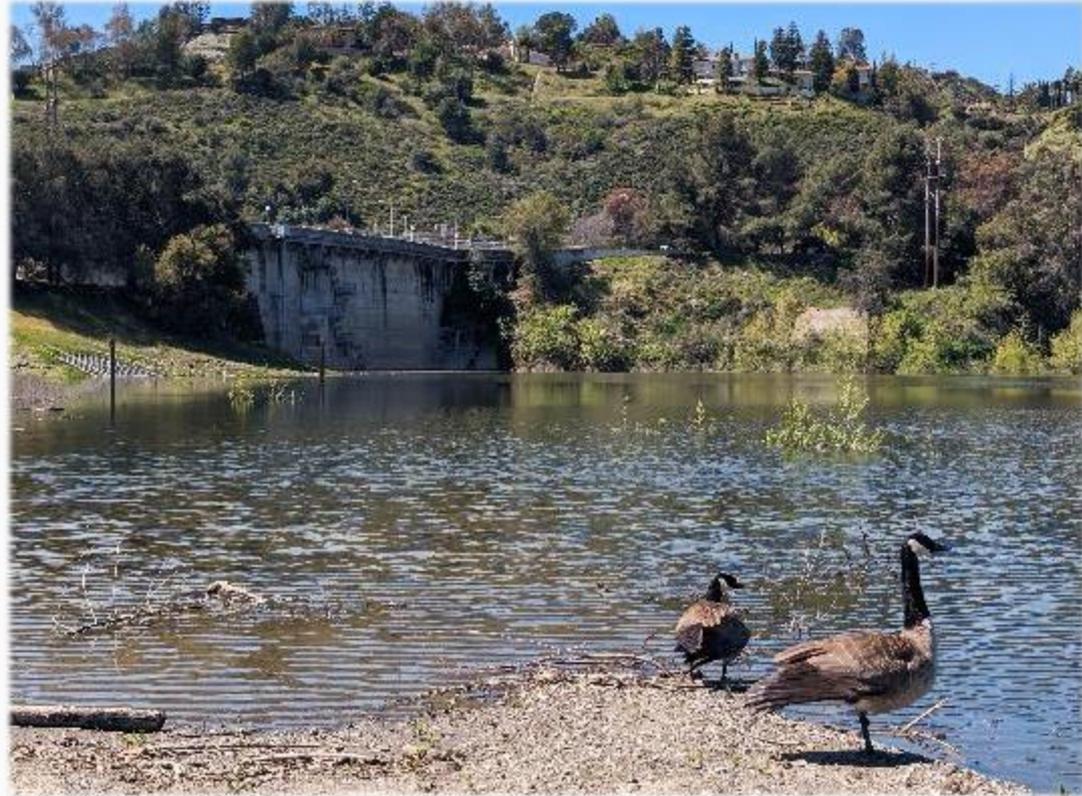
## Los Angeles County Flood Control District

- Established in 1915 after disastrous flooding
- Primary purposes are to provide flood protection and stormwater capture
- Encompasses 2,700 sq. miles
- 14 major dams
- 27 spreading grounds



# Background

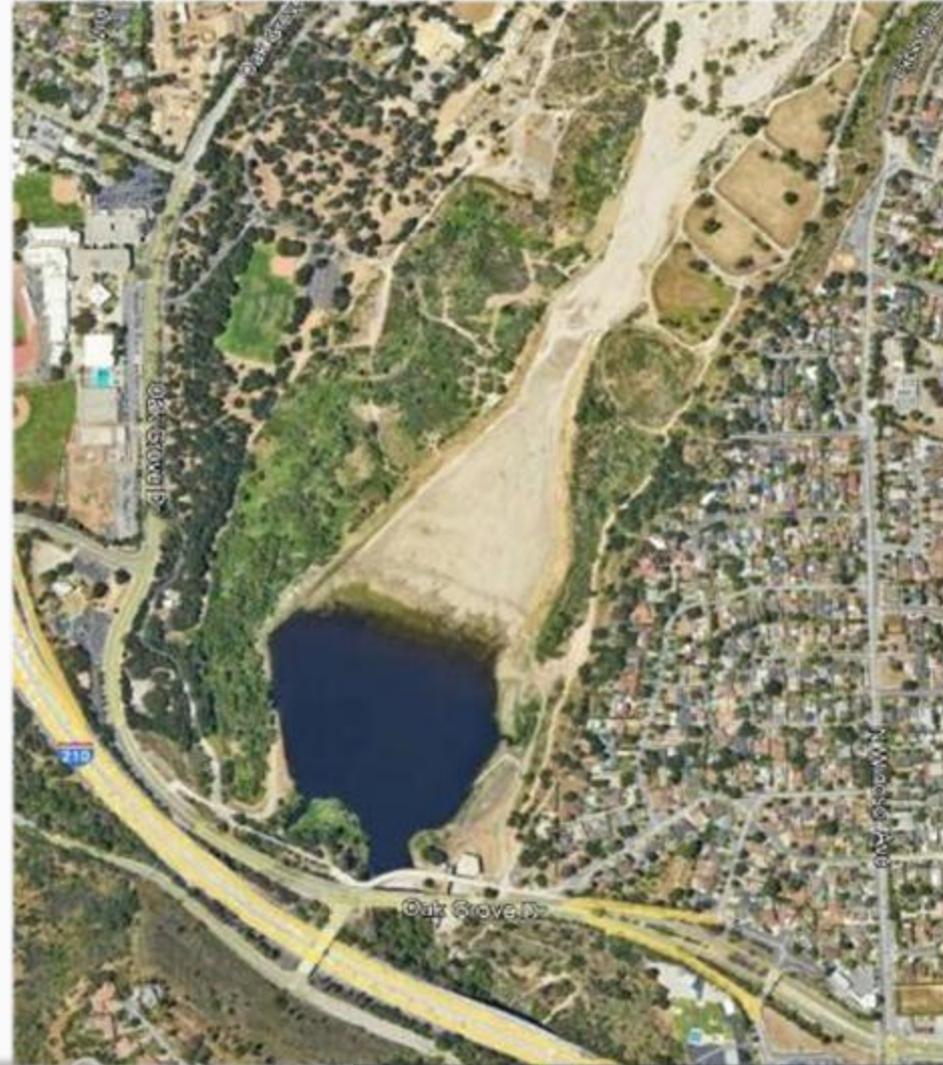
- Devil's Gate Dam and Reservoir constructed in 1920
- Flood protection for downstream communities along the Arroyo Seco
- Reservoir supports habitats for native vegetation and wildlife



# Project Overview

## Annual Sediment Removal

- Project Goal
  - Maintain capacity behind Devil's Gate Dam
- Scope of Work
  - Sediment excavation
  - Reservoir and erosion repair of side slopes and access ramps.
  - Vegetation management



# Project Overview

## Tentative Project Timeline

- Sediment Hauling from July to October, 2024 and 2025

## Sediment Placement

- Sheldon Pit



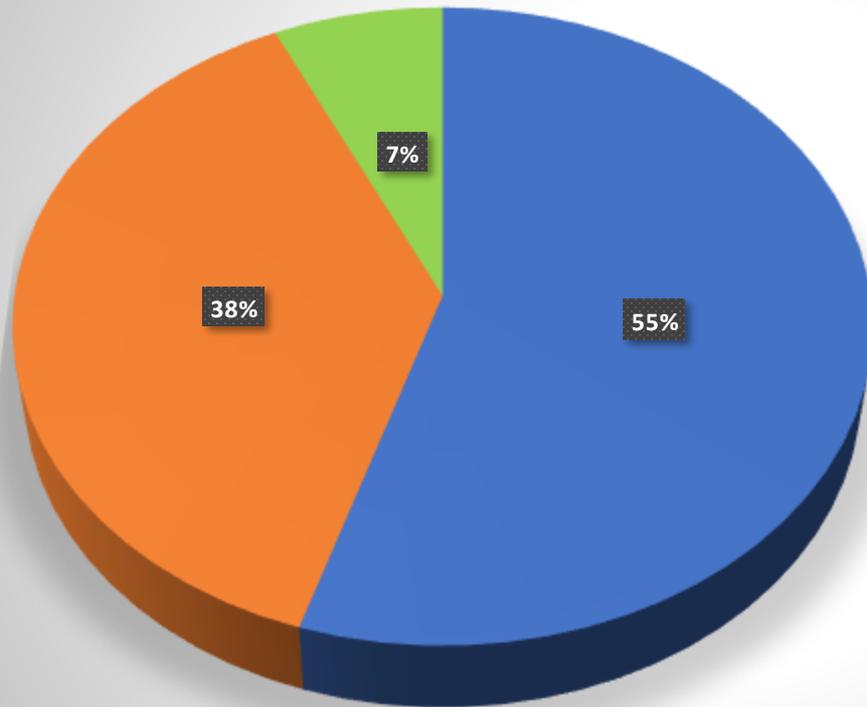
# Sediment Quantity Overview

## Sediment Placement from Devil's Gate Reservoir, 2019-2025

Facility	Quantity CY 2019-2021	Quantity CY 2022-2023	Quantity CY 2024-2025	Total CY	Percentage
Manning Pit SPS (Irwindale)	903,400	0	0	903,400	55%
Sheldon Pit (Sun Valley)	376,400	0	250,000	626,400	38%
Scholl Canyon Landfill (Glendale)	0	115,000	0	115,000	7%
<b>Total</b>	<b>1,279,800</b>	<b>115,000</b>	<b>250,000</b>	<b>1,644,800</b>	

# Sediment Quantity Overview

## Post Project Sediment Placement Distribution



■ Manning  
(Irwindale)

■ Sheldon (Sun  
Valley)

■ Scholl Canyon  
Landfill (Glendale)

# Devil's Gate Reservoir Annual Cleanout '24 & '25

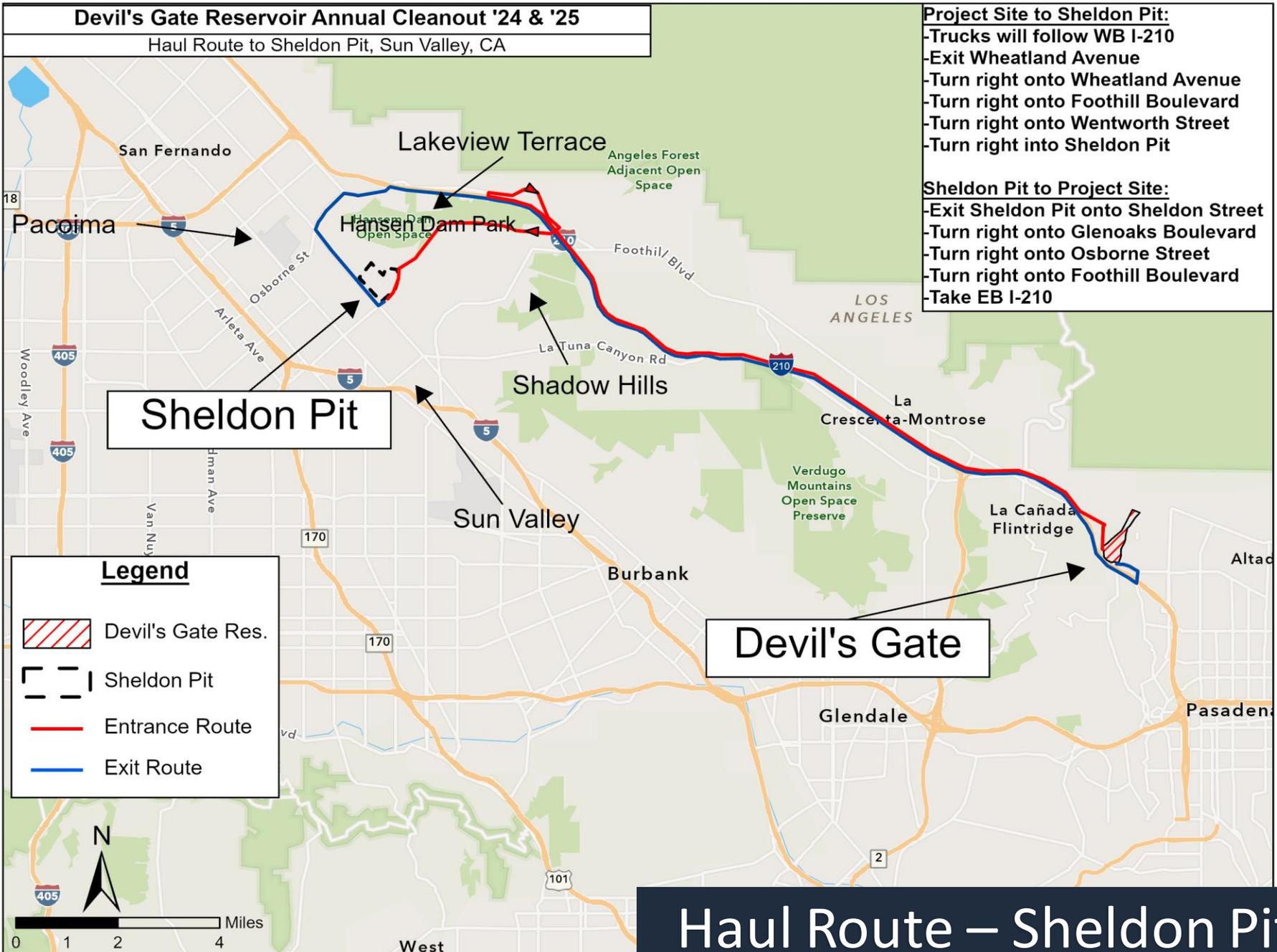
Haul Route to Sheldon Pit, Sun Valley, CA

## Project Site to Sheldon Pit:

- Trucks will follow WB I-210
- Exit Wheatland Avenue
- Turn right onto Foothill Boulevard
- Turn right onto Wentworth Street
- Turn right into Sheldon Pit

## Sheldon Pit to Project Site:

- Exit Sheldon Pit onto Sheldon Street
- Turn right onto Glenoaks Boulevard
- Turn right onto Osborne Street
- Turn right onto Foothill Boulevard
- Take EB I-210



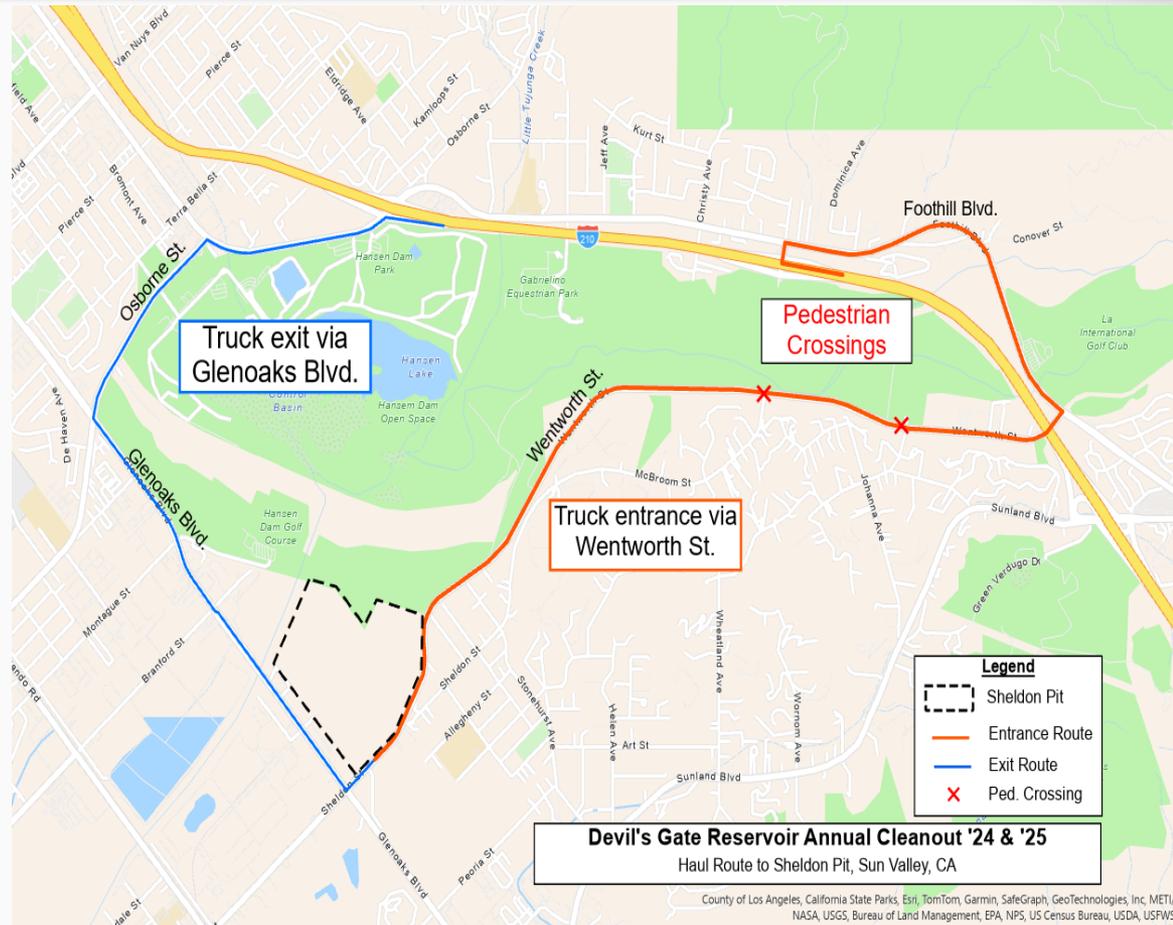
Sheldon Pit

Devil's Gate

Haul Route – Sheldon Pit

# Haul Route – Sheldon Pit

- Hauling:
  - Monday – Friday
  - 7 A.M. – 4:30 P.M.
  - 200 – 300 trips per day
- No work on Weekends, Holidays, Major Rose Bowl Event Days, & Red Flag Warning Days.
- Trucks will access Sheldon Pit via Wentworth St.
- Exit via Glenoaks to Osborne St.
- Trucks to enter and line up inside of facility



# Best Management Practices

## Dust Control

- Truck freeboard or covers
- Street Sweepers
- Tire Washer at Devil's Gate

## Air Quality

- Model Year 2013 or newer engines
- Low NOx emission



# Community Outreach

## Community Outreach

- Community Informational Meetings
  - Shadow Hills, Pacoima, Sun Valley, Lakeview Terrace
- Email Blast
  - Devil's Gate Website email subscription
- Postcard Mailers at beginning of each season
- Newsletters at end of each season
- Website Updates
  - Periodic project updates posted to website



### Habitat Restoration Highlights

LA County Public Works continues to improve the habitat in the Hahamongna Watershed Park to support native and endangered wildlife species. These efforts have required careful planning, community involvement, and environmental monitoring to create an environment where nature and the community can thrive together.

LA County Public Works noticed improvements regarding the vegetation and wildlife surrounding Devil's Gate Dam:

- Ongoing habitat restoration has seen the rehabilitation of 70 acres of wetlands and riparian habitat for wildlife and recreation, including planting of 33,000 container plants, native stakes, and 200 oak tree acorns to create new vegetation cover and multi-structured nesting habitats in the Hahamongna Watershed Park.
- In February 2023, manual irrigation lines were turned off for restored habitat that was planted three years ago, and after a period of monitoring without the irrigation, it was determined that those regions of habitat will be able to continue to grow and thrive solely on rainfall.
- Additionally, a team of biologists documented over 100 active bird nests of over 25 native bird species throughout the restoration area in 2023. These bird species included the yellow warbler and yellow-breasted chat. These successful nests of riparian-specialist bird species highlight the quality of the habitats being restored.



Los Angeles County Water Plan Approved by Board of Supervisors

By 2045, Los Angeles County and more than 200 agency partners aim to increase the region's water supply by 580,000-acre feet per year through new and enhanced stormwater capture, water recycling, and conservation tactics, complementing existing water retention infrastructure.

The Los Angeles County Board of Supervisors approved the Los Angeles County Water Plan on December 5, 2023. A living document created by LA County Public Works in partnership with local stakeholders, the Los Angeles County Water Plan addresses regional water supply challenges to achieve a more resilient water future.

To accomplish this goal, the County will strengthen stewardship in four key areas:

- **Regional Water Supply Reliability:** Improving regional water supply reliability by better leveraging our collective local and imported water resources and infrastructure.
- **Groundwater Management and Quality:** Realizing our shared groundwater management opportunities by sharing expertise and resources to maintain water quality and availability.
- **Small, At-Risk System Resilience and Drinking Water Equity:** Ensuring a consistently high standard of water service for everyone in Los Angeles County by providing regional support for small systems, with focused attention to underserved communities.
- **Watershed Sediment Management:** Mitigating the impacts of wildfire on our water supplies through coordinated efforts between land water managers.



For more information on LA County Public Works' implementation of the LA County Water Plan, visit [WaterForLA.com](http://WaterForLA.com) or scan the QR Code.

# Community Outreach



<https://www.devilsgateproject.com>

- Home
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- Haul Routes
- Resources
- Contact Us

We value your feedback and concerns about the reservoir.

Submit Feedback

Name

Email Address

Comments

Sign up for email updates

Learn more about Devil's Gate Reservoir Restoration Project

Email Address

Contact the Devil's Gate Team

For more information on the Project, please contact:  
[devilsgateproject@pw.lacounty.gov](mailto:devilsgateproject@pw.lacounty.gov)

For questions regarding the construction project, please contact:  
The Devil's Gate Hotline - (626) 458-2507



# Devil's Gate Reservoir Annual Maintenance Project 2024 and 2025



## Questions

Contact us

*Devil's Gate Project Hotline: (626) 458-2507*

*Email: [devilsgateproject@pw.lacounty.gov](mailto:devilsgateproject@pw.lacounty.gov)*

*Visit: <https://pw.lacounty.gov/swe/devilsgate/>*