



# Devil's Gate Reservoir Restoration Project A Sustainable Approach to Sediment Removal

## Community Update: Second Season of Sediment Removal Begins

### Timeline



### Project Update

In 2009, the Station Fire, the largest fire recorded in Los Angeles County at the time, burned more than 160,000 acres of the San Gabriel Mountains. Subsequent storms brought more than 1.3 million cubic yards of sediment into the Devil's Gate Reservoir, enough to fill the Rose Bowl three times. The San Gabriel fires and other natural disasters led to the Devil's Gate Reservoir infrastructure's inability to contain stormwater flows from a major weather debris event. Sediment removal became necessary to allow Devil's Gate Reservoir to prevent flooding into downstream communities.

The second season of sediment removal for the Devil's Gate Reservoir Restoration Project begins in April and will last through November 2020. In its first sediment removal season, Los Angeles County Public Works removed 26% of sediment (445,460 cubic yards). This project will remove 1.7 million cubic yards of sediment plus any additional sediment inflow by November 2022.



### Community Impact

During the first season of sediment removal at the Devil's Gate Reservoir, LA County Public Works listened to and worked with community leaders and implemented mitigations to further contain and reduce fugitive dust emissions from entering surrounding communities. The agency took additional steps to keep neighborhood streets clean, such as:

- Pre-watering sediment prior to loading of the trucks.
- Watering all loaded trucks before they leave the reservoir to control material from blowing out of truck beds.
- Street sweepers continuously sweeping paved surfaces of the access ramp and the local sediment removal route.
- Maintaining tire wash stations to remove dirt from tires and undercarriages of trucks.
- Traffic signal improvements at major intersections along the sediment removal route to add dedicated left turn arrows for more efficient traffic flow and increased safety.



### Community Engagement

LA County Public Works meets regularly with local residents, business leaders and elected officials. Community Advisory Committee meetings will continue to be held regularly. Public Works plans on hosting meetings either in person or on-line with civic and community leaders beginning late April to provide updates and address any questions.

If you would like to receive a project update for your organization or group, please contact the team by email at [devilsgateproject@pw.lacounty.gov](mailto:devilsgateproject@pw.lacounty.gov) or by phone at (626) 458-2507.

### Habitat Restoration

Approximately, 36 acres have been planted with 300 coast live oak acorns, 4,407 container plants, and 72 pounds of seeds. Temporary irrigation installation and weed abatement is ongoing.



## Meet Brittany Barker, Civil Engineer, Construction Manager

Brittany Barker oversees day-to-day activities for the Devil's Gate Reservoir Restoration Project and has worked with LA County Public Works for more than 15 years. Get to know Brittany:

- **How long have you worked on the Devil's Gate Reservoir Restoration Project?**  
I started working on the Devil's Gate Reservoir Restoration Project nearly 4 years ago during the planning stages.
- **Where is your office located?**  
During active construction operations, I work from the construction trailer located at the Devil's Gate Dam.
- **What are you most excited for in the second season of sediment removal?**  
In 2019, we had a lot of challenges and a lot of learning opportunities that we finally got a handle on towards the last half of the sediment removal season. I'm looking forward to fine tuning our operations to further minimize the impacts to the surrounding communities.
- **What does a typical day entail?**  
First thing in the morning, I check in with our LA County Public Works team on-site, and we discuss focus areas for the day. Once staff is deployed to their stations, I'm troubleshooting issues they observe, communicating and coordinating with the Contractor and community stakeholders throughout the day. This includes creating reports and processing change orders, managing the construction schedule, preparing community outreach information, and planning next steps.
- **What were you doing before working for LA County Public Works?**  
I was originally recruited from Clarkson University in Upstate New York to work for LA County Public Works. After 2 years, I decided to go work for a private firm performing construction management services for a fully occupied apartment complex renovation project. I wasn't finding that work rewarding so I returned to LA County Public Works and began managing challenging infrastructure projects that required extensive coordination and community engagement.
- **What do you enjoy most about working on this project?**  
I enjoy the fast-paced environment and daily challenges. No day is the same. I also enjoy meeting and working with a variety of people in the community.
- **When you are not managing Devil's Gate, what do you do for fun?**  
Outside of work, I enjoy spending time with my husband and three young kids, attending their various activities and coaching their soccer teams.



## Sediment Removal Schedule

Public Works is taking numerous steps to minimize the project's impact on local residents with strict sediment removal and construction requirements.

Trucks use designated routes to avoid traffic congestion on residential streets and avoid staging or queuing on local streets.

Sediment removal will occur Monday through Friday from 7:00 a.m. to 3:30 p.m. and routes will be timed and adjusted to prevent congestion during peak school times. There will not be sediment removal on weekends, holidays or during any major Rose Bowl events.

A protected left-turn signal has recently been installed for northbound traffic on Oak Grove Drive at Berkshire Place to increase public safety for pedestrians and drivers. This will give vehicles turning left onto Berkshire Place a protected green arrow signal.

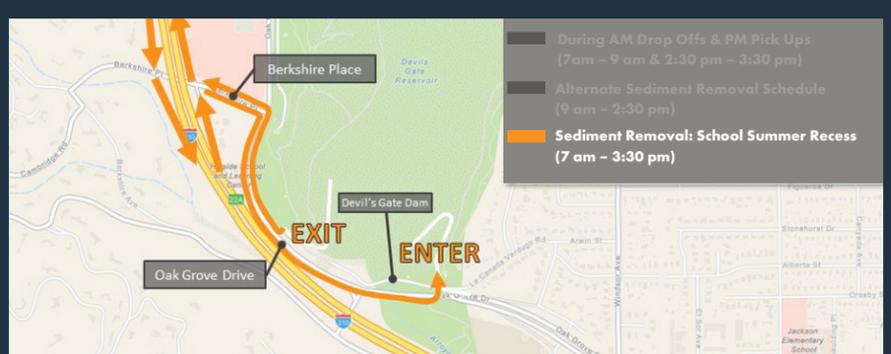
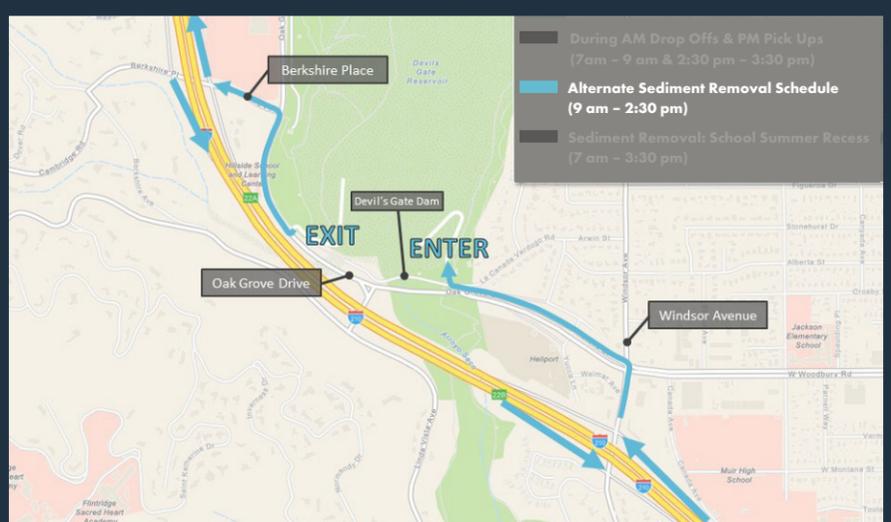
## Sediment Removal Routes

Routes and timing will vary to avoid traffic impacts between the communities of Pasadena and La Cañada Flintridge.

When school is in session, during morning drop offs between 7 a.m. and 9 a.m. and after school pick ups between 2:30 p.m. and 3:30 p.m., trucks will exit the I-210 freeway using Arroyo Boulevard and Windsor Avenue. Trucks will travel north on Windsor Avenue and make a left turn onto Oak Grove Drive. Trucks will use the eastern access road to enter the reservoir. Once the trucks are loaded in the reservoir, they will use the west access road to exit the reservoir. Trucks will make a left turn onto Oak Grove Drive then a right turn onto Windsor Avenue. Trucks will take the I-210 freeway east to Manning Pit in Irwindale or west to Sheldon Pit in Sun Valley.

Alternatively, between 9 a.m. and 2:30 p.m., trucks will use the west access road to exit the reservoir, make a right turn onto Oak Grove Drive, then make a left turn onto Berkshire Place. Trucks will take the I-210 freeway east to Manning Pit or west to Sheldon Pit.

In the summer, trucks will exit the I-210 freeway using Berkshire Place and continue to travel east to make a right turn onto Oak Grove Drive. Once the trucks are loaded in the reservoir, trucks will use the west access road to exit the reservoir. Trucks will travel on the I-210 freeway east to Manning Pit or west to Sheldon Pit.



## For More Information

To learn about the project, receive project updates or contact the project team, please feel free to contact us at:

 [devilsgateproject.com](http://devilsgateproject.com)

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

 (626) 458-2507

LA County continues to urge everyone to take precautions to slow the spread of COVID-19. For the most up to date information, please visit: <http://publichealth.lacounty.gov/Coronavirus/>

If you have questions and would like to speak to someone, or need help finding medical care, call the Los Angeles County Information line 2-1-1, which is available 24/7.