



Folsom Lake Intake Improvements Project

FREQUENTLY ASKED QUESTIONS

What is the Folsom Lake Intake Improvements Project?

The Folsom Lake Intake supplies raw water from Folsom Lake to the El Dorado Hills Water Treatment Plant where it is treated and then conveyed to customers in the greater El Dorado Hills area. The water supplied through this system is critical to provide reliable potable water especially during the warmer months when there is little to no precipitation and water demands increase dramatically.

The Folsom Lake Intake Improvements Project (Project) involves improvements to and replacement of existing facilities associated with the raw water intake. The Project does not increase the capacity or change the use of the existing facilities being replaced.

Why is the work required?

The original intake was constructed in 1958 and additional pumps were installed in 1994. Both systems have reached the end of their useful life as constructed and have become increasingly unreliable in recent years. A temporary third phase was constructed in 2010, however the temporary pumps have since failed entirely.

In addition to reliability issues, the facility must be modified to allow selective withdrawal of water based on temperature in order to preserve the cold-water pool in Folsom Lake to help enhance downstream habitat for anadromous fish (i.e., salmon and steelhead). The temperature control device (TCD) is a requirement of EID's contract with the U.S. Bureau of Reclamation to allow EID to access its full allotment of water rights, which will be needed as demands in El Dorado Hills continue to increase.

The Folsom Lake Intake is a critical component to EID's raw water supply. It is EID's sole source of water from Folsom Lake, which makes up approximately 1/3 of EID's water supply. Given its age and deteriorated condition, past pump failures, unnecessarily complex and outdated two stage pumping system, ongoing safety issues, and the difficulty in obtaining repair parts for 1958 vintage booster pumps, EID has made replacement of portions of the facility a high priority for the District.

Where is the Project located?

The intake facilities are located on the south bank of Folsom Lake, approximately two (2) miles upstream from Folsom Dam in El Dorado County, California. The site is accessible from Planeta Way off Guadalupe Drive, just north of Francisco Drive in El Dorado Hills. EID's intake facilities are located on land leased from the U.S. Department of the Interior, Bureau of Reclamation.

What are the objectives of the Project?

- Construct a temperature control device for EID's intake facilities in order to preserve the cold-water pool in Folsom Lake to help enhance downstream habitat for anadromous fish species
- Replace selected existing pumps with more reliable and efficient equipment
- Provide adequate raw water supply to meet the El Dorado Hills Water Treatment Plant's permitted capacity
- Maintain water delivery service during construction

What type of work does the Project require?

In general, the Project involves the following activities:

- Remove existing pipe casings and pumps
- Install new intake consisting of concrete footings, stainless steel casings with temperature control withdrawal capability, and new pumps
- Expand site to allow for replacement of electrical equipment
- Install new section of transmission pipe
- Replace existing surge tank
- Install new crane hoist to allow for safe removal and maintenance of pumps

A portion of the work will likely involve in-water construction from boats/barges. EID anticipates that the contractor would likely stage equipment and materials at a marina or boat launch at Folsom Lake.

When will construction begin and how long will it last?

Construction activities are expected to commence in the summer / fall 2019 and continue through about March 2021. These dates are estimates and the Project schedule may be influenced due to numerous factors including funding, contractor availability, weather, reservoir elevations, and completion environmental review and permitting processes.

Construction activities are not anticipated to be continuous throughout the set construction period.

How many people will the Project employ?

The number of employees directly working on the Project will vary during different construction activities with up to 20 construction workers present at any given time.

How will construction equipment access the Project site?

Some construction equipment will access the Project site from Planeta Way. However, Planeta Way will not be the only access to the construction site. A portion of the work involves in-water construction that will likely involve staging of equipment and materials at a marina or boat launch at Folsom Lake.

How will traffic and access be controlled during construction?

Access to the site would follow Planeta Way, Guadalupe Drive, Francisco Drive, Green Valley Road, and El Dorado Hills Boulevard to and from U.S. Highway 50. Construction traffic to and from any of the Folsom Lake boat launch/marina staging areas would follow similar high-volume suburban roadways. Any staging of equipment on Planeta Way would require the contractor to obtain an encroachment permit from El Dorado County. EID anticipates that any encroachment permit would include measures to minimize potential impacts to local traffic patterns and ensure safe ingress and egress at all times. Additionally, EID will require that the Contractor does not park vehicles or store materials on public roads where it may interfere with normal traffic and that the Contractor does not park employee personal vehicles on Planeta Way.

When will constructions activities occur?

Construction would generally occur between 7 a.m. and 7 p.m., Monday through Friday, or between 8 a.m. and 5 p.m. on weekends or holidays. Work hours at the Project site are not anticipated to be continuous through the duration of the Project. For example, there may be extended periods when work is discontinued during inclement weather or when activities are occurring at offsite staging areas.

What is included in e-mail notifications?

Details such as the Project's schedule, construction, public meetings, and other pertinent information throughout the duration of the Project will be provided in the e-mail notifications.

You may sign up for automatic updates by going to "[eNews Sign Up](#)" on EID's website, select Folsom Lake Intake Project under the categories News and Calendar. After you submit, check your e-mail account and verify your e-mail address to complete the process. Or, you may access this information at any time by going directly to the designated project webpage on EID's website at www.eid.org/FolsomLakeIntakeProject.