



**HETCH HETCHY
WATER SYSTEM
IMPROVEMENT
PROGRAM**

San Joaquin Pipeline System Project

Construction Notice

CORRESPONDENCE NO. T

Page 1 of 6

BOARD OF SUPERVISORS

2011 APR 19 10:51 AM

www.sfwater.org/sanjoaquin

March 2011

Pipeline Project to Get Underway Between San Joaquin River and Tracy

Western Segment: Installing 11-mile Hetch Hetchy Pipeline

The San Joaquin Pipeline (SJPL) System Project, a part of the San Francisco Public Utilities Commission (SFPUC) Hetch Hetchy Water System Improvement Program, includes the installation of a total of 17 miles of new pipeline and two new crossover facilities.

The Western Segment of the SJPL project is set to begin construction of an 11-mile pipeline. The project team, along with the contractor, Mountain Cascade, Inc., will begin working on the Right of Way to prepare for pipeline installation this month. Installation of a 78-inch diameter pipe will begin in April.



This notice serves as your 30-day construction notice as the contractor prepares to install pipeline. Construction will begin near the water system crossovers project at Pelican Crossover (near the All American Produce at the intersection of River Road and Hwy 132) in Stanislaus County and work west toward the Tracy Golf and Country Club at Chrisman Road in San Joaquin County.

The contractor will need immediate full access to the entire SFPUC Right of Way to begin potholing and surveying. It is imperative that all adjacent neighbors remove debris, tree trimmings, wood chips, farm equipment and all other belongings from the Right of Way immediately.

The SFPUC project team is coordinating with landowners and nearby irrigation and water districts to minimize impacts. The project appreciates your cooperation as we improve the Hetch Hetchy regional water delivery system.

Construction Schedule

Mountain Cascade, Inc. will begin potholing while the project team completes environmental surveys on the Right of Way this month. The team will begin laying pipeline in April just west of the San Joaquin River in Stanislaus County at the Pelican Crossover. The team will move west toward Tracy and is expected to install about five miles of pipeline by June – reaching almost to the Delta Mendota Canal.

Construction on the Western Segment of the SJPL project is expected to be complete by late Fall 2012.

Work Hours

Monday – Friday 7:00 AM - 5:00 PM

On occasion, construction may occur outside these posted hours. If work is potentially disruptive, the project team will notify nearby neighbors in advance.

What to Expect

Construction activities will occur within the existing SFPUC Right of Way and at designated staging areas noted below. Additional truck traffic is anticipated. There will be deliveries of materials and some hauling of construction materials off-site.

The project team is preparing traffic plans to be approved by both Stanislaus and San Joaquin counties, as well as Caltrans. These will include partial or full closures at road crossings when necessary. Detour and traffic construction signs will be posted.

Staging areas include areas near the intersection of River and Orchard Roads; River Road and Highway 132; California Aqueduct; Blewett and Bird roads; Tracy Golf & Country Club, and at the intersection of the SFPUC Right of Way with Vernalis Road.

Need More Information?

1 (866) 973-1476

24-hour answering service

Please visit the project websites:

www.sfwater.org/WSIP

www.sfwater.org/sanjoaquin

The Water System Improvement Program

The San Joaquin Pipeline System Project is a component of the Water System Improvement Program (WSIP). The WSIP, which includes over 80 projects, is a \$4.6 billion bond-funded program approved by voters in 2002 to seismically upgrade and repair the regional water system's aging pipelines, tunnels, and dams. This program will ensure that clean, high quality drinking water continues to reach 2.5 million customers following an earthquake or other catastrophic event.



Need More Information?

Contact Jill Klajic with SFPUC Communications/Central Valley at JKlajic@sfgwater.org

1 (866) 973-1476

www.sfgwater.org/WSIP

<http://sfgwater.org/sanjoaquin>

Para informacion en español, por favor llame (866) 973-1476.

San Francisco Public Utilities Commission

1145 Market Street, 3rd Floor
San Francisco, CA 94103
t: 1 (415) 554-3297
e: mbarry@sfgwater.org

Construction along the San Joaquin Pipeline System Project's Western Segment is beginning this month. Para informacion en español, por favor llame (866) 973-1476.

San Francisco Public Utilities Commission
1145 Market Street, 3rd Floor
San Francisco, CA 94103



Pelican/Emery Crossovers is the first of three projects, of the San Joaquin Pipeline System. The Western Segment of the pipeline will get underway in February and the Eastern Segment is now out for bid.

Water System Improvement Program

THE QUARTER IN BRIEF

REBUILDING TODAY FOR A BETTER TOMORROW

Status & Performance

Overview of Status and Milestones for the Period of October 3, 2010 through December 25, 2010.

Program Summary

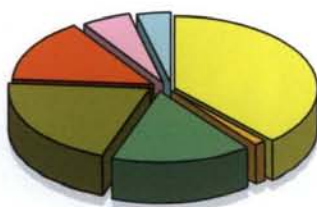
At the end of the 2nd Quarter, the total value of projects in construction reached \$1.8B.

During this quarter, the Crystal Springs Pipeline No. 2 Replacement Project was advertised, and the Crystal Springs/San Andreas Transmission Upgrade Project moved into construction. Also the Standby Power Facilities-Variou Locations Project reached completion. By the end of this quarter, construction was completed on 15 or one-third of our regional projects. The total value of these projects is \$183M.

Only 8 of the program's 46 regional projects remain in the Planning or Design Phases.

Within San Francisco, construction has been completed on 29 projects with a total value of \$211M. Only 7 of the 40 local projects have yet to reach the Construction Phase. During this quarter, the Harding Park Recycled Water project progressed to Construction.

At the end of Fiscal Year 2010-2011, only one local project remains in the Planning Phase: the SF Eastside Recycled Water project, which was one of the two projects added to the program a year ago.



LOCAL in \$

- Planning (1), \$23M
- Design (4), \$229M
- Bid & Award (1), \$9M
- Construction (4), \$96M
- Closeout (11), \$124M
- Completed (18), \$87M
- Multiple Phases (1), \$33M



REGIONAL in \$

- Planning (2), \$36M
- Design (5), \$625M
- Bid & Award (3), \$482M
- Construction (17), \$1,809M
- Closeout (1), \$9M
- Completed (14), \$174M
- Multiple Phases (4), \$379M

NOTE: The number of projects in each phase is included in parenthesis.

WSIP Reaches Safety Milestone



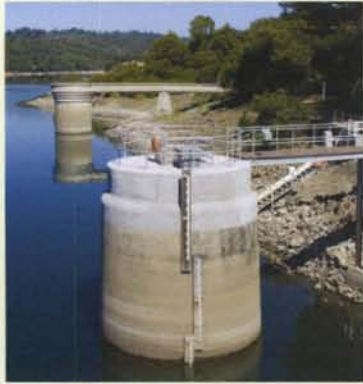
The Alameda Siphon No. 4 Construction Team receives the Safety Award from the SFPUC.

During the November 23, 2010 meeting of the SFPUC Commission, 18 WSIP Projects were recognized for their efforts in achieving 1,007,445 safe working hours without major injury since April 2009.

“This noteworthy milestone required a total commitment to safety by all participants including contractors, subcontractors, construction managers, consultants and SFPUC staff,” said General Manager Ed Harrington. These work hours coincide with the implementation of a new SFPUC approach to construction safety. The new approach has enabled our Construction Management Program to achieve significantly lower rates of recordable injuries and lost work time than the national industry averages.

Projects to Watch

Work Starting at Crystal Springs Reservoirs



Work has started next to the Crystal Springs Reservoirs – just west of Interstate 280 on the Peninsula. Kiewit Infrastructure West has begun mobilization and pre-construction activities on the Crystal Springs/San Andreas (CSSA) Transmission System Upgrade project. This work will address seismic vulnerability and capacity upgrades for the system that moves water from the Crystal Springs Reservoirs north to San Andreas Lake and the Harry Tracy Water Treatment Plant.

The CSSA project will require divers to perform extensive marine and underwater work at depths of 60 and 110 feet below the surface. This highly specialized work includes underwater demolition and construction within the Crystal Springs Reservoirs and San Andreas Lake.

Construction began in late November 2010, and completion is anticipated in early 2014. “Given the close proximity of the system facilities to the San Andreas Fault, seismic reinforcement is a key part of the project,” said SFPUC General Manager Ed Harrington. In addition to providing water year round, the system serves as an emergency water supply for San Mateo County and San Francisco, if the Hetch Hetchy source water is interrupted.



San Mateo County has completed demolition of Skyline Bridge over the Lower Crystal Springs Dam. This work clears the way for upgrades to both the Dam and the CSSA transmission system.

Crystal Springs/San Andreas Transmission System Upgrade By the Numbers:

Construction Start:..... November 15, 2010
Anticipated Completion: August 20, 2013
Total Project Cost: \$192,071,000
Contractor:..... Kiewit Infrastructure West

Pulgas Balancing Reservoir Structural Rehabilitation & Roof Replacement



Earthwork Complete for New Treated Water Reservoir

Work on the Sunol Valley Water Treatment Plant Expansion and Treated Water Reservoir Project is proceeding swiftly. The extensive earthwork and soil nail wall required to build the new reservoir have been completed. This involved removing over 300,000 cubic yards of material from the area. Work is also continuing to construct a new flocculation and sedimentation basin. Construction activities for the project are now about 25 percent complete.



Peninsula

The expansive 319,225 square foot Pulgas Balancing Reservoir Structural Rehabilitation & Roof Replacement project is now approximately 45 percent complete. Construction of the new roof has dealt with multiple challenges, including wet weather and a tight fabrication schedule. Construction of the new roof framing started off with the discovery that some of the existing columns were mis-aligned. The design team developed a modified column base plate design, and the contractor expedited the fabrication of it to avoid schedule impacts. "Despite these challenges, the project team continues to develop creative solutions for a quality end product," said Julie Labonte, the WSIP Director.

The original roof was a wood frame with corrugated aluminum decking that was built in the 1970's. It is being replaced with a steel frame roof and decking. The roof replacement coupled with the shearwalls that were constructed last summer will seismically retrofit the reservoir and improve the reliability of the water distribution system. The new roofing membrane system that will be installed on the top of the decking will help protect water quality for years to come.

Despite these challenges, the project team continues to develop creative solutions for a quality end product. Julie Labonte, the WSIP Director.

Sunol



Workers finish securing the soil nail wall for the treated water reservoir.



CORRESPONDENCE NO. 1
Page 5 of 6

Q2 Program Milestones

Certified Project EIRs:

- Lower Crystal Springs Dam Improvement (10/7/10)
- HTWTP Long-Term Improvement (10/14/10)
- Seismic Upgrade of BDPL No. 3 & 4 (1/20/11)
- Calaveras Dam Replacement (1/27/11)

Construction Contracts Advertised (Total \$642M):

- Lower Crystal Springs Dam Improvements (\$20M)
- HTWTP Long-Term Improvements (\$276M)
- Crystal Springs Pipeline No. 2 Replacement (\$46M)
- Calaveras Dam Replacement (\$282M)

Construction Notice to Proceed (NTP) Issued:

- Harding Park Recycled Water (11/17/10)
- Crystal Springs/San Andreas Transmission Upgrade (12/1/10)
- Lower Crystal Springs Dam Improvements (1/31/11)

Construction Completion:

- Vista Francisco Pump Station Upgrades



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Keeping up with WSIP Projects

With more than 80 projects in the Water System Improvement Program and only a handful of communication channels, it can be difficult for anyone to keep track of the status of our construction projects.



To help organize our communication efforts, the WSIP communication team is launching the WSIP newsroom web page and media-specific Twitter account to ensure that community leaders, reporters and news enthusiasts remain informed about our program. To register for e-mail

updates, go to www.sfwater.org/wsipnewsroom. Enter your e-mail address to subscribe to our newsletter, and don't forget to follow us!



Join the conversation!

www.sfwater.org/engage
www.twitter.com/sfwater
www.facebook.com/sfwater



CORRESPONDENCE NO. 1
Page 6 of 6



In 2010, **1,525,850** craft hours were logged on WSIP projects representing wages of **\$53,703,844** on the projects covered by the WSIP Project Labor Agreement (PLA).



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 The Water System Improvement Program (WSIP) will repair, replace and seismically upgrade our aging water system to ensure water continues to flow to our 2.5 million customers in Alameda, Santa Clara, San Francisco and San Mateo counties.

REBUILDING TODAY FOR A BETTER TOMORROW

1155 Market Street | San Francisco, CA 94103

