

Date:

August 25, 2017

Applicant:

City of Banning
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Banning, CA 92220
Contact: Art Vela
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Applicant's Representative:

Contact: Autumn DeWoody
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Project Name:

Banning Water Canyon Pipeline Replacement Project
WDID No. 7A333176001 (RM: 415942, Place ID: 839206)

Receiving Water:

San Gorgonio Creek; tributary to Whitewater River

Location:

City or area: Banning, Riverside County, California
Longitude/ Latitude: W 116° 54' 00"/ N 33° 58' 24"

Project Description:

The proposed Project consists of:

- The City of Banning owns and operates a steel potable water transmission pipeline that ranges in size from 18 to 24 inches in diameter within Banning "water" Canyon. The pipeline provides approximately 40% of the City's water supply. The City intends to replace this transmission pipeline in appropriate phases so it is made of more durable materials and can be relocated into an adjacent dirt access road and out of the active river channels.
- Due to the age of the pipeline and its current location adjacent to and within the San Gorgonio River, multiple leaks have occurred at different locations along its length. Completing this project will decrease water supply losses and improve the efficiency of nearly half of the City's water supply.
- The existing water pipeline will be abandoned in place and the new pipeline will consist of Ductile Iron Pipe (DIP), ranging from 20 to 24 inches in diameter.
- The new pipeline will be located within the existing access road, which is about 30 feet wide along the eastern bank of the San Gorgonio River. Some pipeline segments will cross further into the river as it follows existing access roads to existing City wells.
- Phase 1 will also include the reconnection of private water service laterals to the new main, and modifications such as v-ditches and cross gutters to the existing access road to allow for better drainage and decrease future maintenance of the access road.
- Three culverts that convey water into jurisdictional waters may need to be reconstructed as part of Phase 1 activities to support the insertion of the pipeline into the access road.
- Once constructed, the pipeline will be flushed and disinfected as required to convey potable water. Pipeline segments completed above the City's existing percolation basins that are located in the canyon adjacent to the river bed will divert flushed water to these basins.

- Phase 2 will consist of replacing the remainder of the pipeline, which is approximately 22,400 linear feet. Phase 2 is an unscheduled future phase of the project that will be permitted separately at a later date.

Proposed Schedule (Start-up, duration, and completion dates):

The work is scheduled to be performed between September 2017 - January 2018.

Duration: 5-7 months

Action:

Pending

Water Board Contact:

Kai Dunn, Senior Water Resources Control Engineer

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