

Sample Summary for Electronic Document Submittal

15 copies of this document may be included when a Lead Agency is submitting electronic copies of environmental impact reports, negative declarations, mitigated negative declarations, or notices of preparation to the SCH. The SCH will still accept other summaries, such as an EIR summary prepared pursuant to CEQA Guidelines Section 15123, attached to the electronic copies of the document.

SCH #

2019089122

Lead Agency: City of Oakdale

Project Title: City of Oakdale Wastewater River Crossing Replacement Project

Project Location: Oakdale

Stanislaus County

City

County

Please provide a Project Description (Proposed Actions, location, and/or consequences).

Replace an 18-inch sewer crossing currently suspended above the Stanislaus River with a 3-barrel inverted siphon below the river bed to improve reliability, redundancy of the sewer system. The replaced line will be approximately 0.30 linear mile. Project components include re-routing the existing collection system trunk sewers to an inverted siphon structure. An inverted siphon structure located in the upper portion of an empty lot near the river and intersection of Oak Avenue/Kimball street will be the transition point to the multi-barrel inverted siphons crossing the river. Valves and fittings on the downstream portion of the alignment will transition from three siphons to one pipe. A connection will be made to the existing piping upstream of the existing WWTP flow meter.

The pipe will be installed using horizontal direction drilling (HDD). HDD is a trenchless construction method where the pipeline is installed along an arcing drill path beginning and ending at the ground surface and passing under the obstacle in between (e.g., a river). The first stage involves directionally drilling a small diameter pilot hole along the design directional path. In the second stage, the pilot hole is reamed to a diameter suitable for installing the pipeline(s). The third stage consists of pulling the pipeline back into the enlarged hole (i.e., pull back). Drilling fluids are continuously pumped to the drilling tool during all phases of installation to transport drilled spoils, reduce friction, and stabilize the hole. Drilling fluids consist of a mix of water, bentonite, and/or polymers. The generated soil cuttings are mixed with the injected drilling fluids to create a slurry that is removed from the bore using a drilling fluid induced pressure gradient. An open cut portion of piping would be used from the end of the HDD operation to the connection point with existing piping.

Please identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

Air Quality/GHG Emissions: BMPs for dust control, engine idling restrictions, use of electrical grid in place of diesel, properly tune and maintain equipment, speed control, Stanislaus County APCD Permits

Biological: Environmental Awareness Training for Contractors, Preconstruction surveys (birds, bats, pond turtles), Work window for fisheries, VELB avoidance

Cultural: Environmental Awareness Training, inadvertent discoveries procedures, human remains procedures

Geotechnical: Design report to avoid unstable soils during drilling

Water Quality: BMPs - install erosion control barriers, silt fencing, Emergency Response Fracture Plan/HDD Inadvertent Release Assessment

Noise: Limit hours of construction

Traffic: Traffic access management plan

If applicable, please describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

The proposed project has received considerable support. Eliminating the flow of sewage above the Stanislaus River where leaks or vandalism might result in spills in the river has long been a community concern. The proposed project will minimize the potential for releases into the river.

Please provide a list of the responsible or trustee agencies for the project.

California Department of Fish and Wildlife (Streambed Alteration Agreement)
Stanislaus County Air Pollution Control District (Regulation VIII Fugitive PM 10 Prohibitions Construction Notification Form)
US Army Corps of Engineers (Encroachment Permit, Section 404)
California State Lands Commission (General Lease)
Central Valley Flood Protection Board (Encroachment Permit)
California Regional Water Quality Control Board (NOI to obtain coverage under General Construction Activity Storm Water Permit and 401 Permit)