

Summary Form for Electronic Document Submittal

Form F

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: 2019049115

Project Title: Water Treatment Plant Chlorine Gas to Hypochlorite Conversion Project

Lead Agency: City of Benicia

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Project Location: City of Benicia, Solano County

City

County

Project Description (Proposed actions, location, and/or consequences).

The City proposes to convert the water treatment plant (WTP) from using chlorine gas to using sodium hypochlorite (commonly called bleach) as its primary disinfectant. The project would be located at the existing WTP, which is at 100 Water Way in Benicia, California, and would be located wholly within areas that have already been disturbed either through facility construction, storage areas, or existing roadways at the WTP site.

The project would construct a new sodium hypochlorite system in the existing Chemical Building and Chemical Tank Farm area, adjacent to and east of the existing on-site tanks. The new sodium hypochlorite system would include two new 10,000-gallon sodium hypochlorite chemical storage tanks, one new 10,000-gallon sodium hydroxide chemical storage tank, a pump recirculation system, three diaphragm chemical metering pumps, a chemical delivery and tank fill station, new piping, an ion exchange water softening system, and emergency eyewash stations. An existing 13,000-gallon alum storage tank and several abandoned storage tanks would be demolished and removed.

Construction is anticipated to begin in June 2019 and is anticipated to last for 9 months. Construction would occur 5 days per week, generally from 7 a.m. to 5 p.m. The City intends to complete the project by March 2020.

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

Project construction could result in impacts to nesting birds. This impact would be reduced to a less-than-significant level through preconstruction surveys for nests and by limiting construction activities to the nonbreeding season (September 1 - January 31). The project would require removal of a tree which may qualify as a protected tree under City of Benicia municipal code. This impact would be reduced to a less-than-significant level by following the City's tree removal permitting process which requires a tree inventory from a certified arborist, permit application, fee, and potential replacement trees.

Previously undiscovered historical, archaeological, paleontological, or tribal cultural resources could be discovered during construction. These impacts would be reduced to a less-than-significant level by proper worker awareness training, halting work, retaining a qualified cultural resources professional for consultation, coordination with Yocha Dehe Wintun Nation, and developing appropriate procedures to protect the integrity of the resource and ensure that no additional resources are affected.

The project involves the modification of an existing water treatment facility, the construction of which could cause significant environmental effects. These impacts would be reduced to a less-than-significant level through implementation of the mitigation measures regarding biological, cultural, and tribal cultural resources discussed above.

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

There are no known areas of controversy, and no issues have been raised by other agencies or the public.

Provide a list of the responsible or trustee agencies for the project.

California Department of Fish and Wildlife