

RECLAMATION

Managing Water in the West

Finding of No Significant Impact

West Bay Sanitary District Recycled Water Project at Sharon Heights

FONSI 17-33-MP

Prepared by:



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Date:

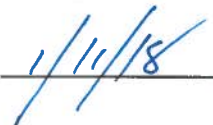


Approved by:



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Date:



1 Background

The Bureau of Reclamation (Reclamation) may provide the lesser of 25% or \$20 million of construction costs to the West Bay Sanitary District (District) if it is selected for Title XVI funding through the competitive process and appears in enacted appropriations legislation. As the agency with discretionary approval over the provision of Federal funding, Reclamation is acting as the lead agency under the National Environmental Policy Act (NEPA). In accordance with Section 102(2)(c) of NEPA, as amended, Reclamation prepared an Environmental Assessment (EA) to analyze impacts of granting a Title XVI Water Reclamation and Reuse grant to the District for its recycled water project at Sharon Heights Golf & Country Club (Proposed Action).

The Proposed Action would take place in the City of Menlo Park in San Mateo County. The Proposed Action involves construction of a new satellite wastewater treatment plant (WWTP) on the Sharon Heights Golf & Country Club (Golf Course) property, an influent wastewater supply pipeline under Sand Hill Road, a pump station for the influent supply, recycled water distribution pipelines to the golf course irrigation system and to the SLAC National Accelerator Laboratory (formerly named the “Stanford Linear Accelerator Center”), and a solids discharge pipeline to the existing sewer system in Menlo Park. The Proposed Action could offset potable water usage from San Francisco Public Utilities Commission by approximately 281 acre-feet per year (AFY), with 222 AFY of recycled water used for irrigation and 59 AFY for the SLAC cooling tower.

The District prepared an Initial Study (IS) and adopted a Mitigated Negative Declaration on November 24, 2015, to comply with the California Environmental Quality Act (CEQA). The IS is available at https://westbaysanitary.org/wp-content/uploads/2015/10/WBSD_RW_Sharon_Heights_MND_Public_Draft_Oct2015.pdf.

Reclamation requested concurrence from the State Historic Preservation Office (SHPO) on the Section 106 process on April 20, 2017, that the Proposed Action is not likely to affect cultural resources. SHPO concurred on May 25, 2017, that the Proposed Action is not likely to *adversely* affect cultural resources (attached).

2 Alternatives Including the Proposed Action

2.1 No Action

Under the No Action Alternative, Reclamation would not award the District with a Title XVI grant. Although it is possible the District may find alternate sources of funding for the Proposed Action, for the purposes of this EA, the consequences of Reclamation not providing funding for the Proposed Action would result in no construction which would result in no water recycling of 281 AFY.

2.2 Proposed Action

The Proposed Action has two phases. Phase I includes construction of: a new satellite WWTP; an influent pipeline and pump station to transport wastewater from an existing sewer line to the new satellite WWTP; a solids discharge pipeline back to the sewer; a recycled water pump station; and delivery pipelines to SLAC and a separate tie-in to an existing irrigation pipeline to a nearby existing 2 million gallon open reservoir, located at the western edge of the Sharon Heights property. Phase II of the project includes the installation of recycled water distribution pipelines to deliver recycled water to end users in the vicinity of the golf course.

2.2.1 Pipelines

The influent pipeline of 10,600 linear feet will deliver wastewater from the influent pump station to the recycled water treatment facility. This pipeline would be installed along the Sand Hill Road right-of-way and will cross the Hetch-Hetchy right-of-way. Approximately 5,300 linear feet of distribution pipelines would be routed along Sand Hill Road to deliver the recycled water to SLAC. Storage pond pumps will connect to existing pipes to deliver recycled water to an existing open reservoir at the golf course.

Solids produced by the satellite WWTP will be discharged to an existing sewer by gravity through a 1,600 linear foot pipeline along the southwestern boundary of the golf course to connect to an existing sewer within the golf course.

Phase II distribution pipelines will be 6,340 linear feet laid between the satellite WWTP to three areas: Rosewood Sand Hill, Sand Hill Commons, and Sharon Land Company.

2.2.2 Treatment plant

The treatment plant will be located in a 130 foot by 160 foot masonry block structure on the golf course property. An electrical service transformer will be located outside of the treatment building on a 6 foot by 6 foot pad with other ancillary electrical equipment located in the treatment building. Disinfection and effluent pumping facilities would be located in a separate 100 foot by 100 foot building, with the disinfection unit located below grade.

3 Findings

Based on the attached EA, Reclamation finds that the Proposed Action is not a major Federal action that will significantly affect the quality of the human environment. This EA was prepared in accordance with NEPA, Council on Environmental Quality regulations (40 CFR 1500-1508), and Department of the Interior Regulations (43 CFR Part 46). Analysis of the effects of the Proposed Action is provided in the attached EA, and the analysis in the EA is hereby incorporated by reference.

Following are the reasons why the impacts of the proposed action are not significant:

1. The proposed action will not significantly affect public health or safety (40 CFR 1508.27(b)(2)).
2. The proposed action will not significantly impact natural resources and unique geographical characteristics such as historic or cultural resources; parks, recreation, and refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order (EO) 11990); flood plains (EO 11988); national monuments; migratory birds; and other ecologically significant or critical areas (40 CFR 1508.27(b)(3) and 43 CFR 46.215(b)).
3. The proposed action will not have possible effects on the human environment that are highly uncertain or involve unique or unknown risks (40 CFR 1508.27(b)(5)).
4. The proposed action will neither establish a precedent for future actions with significant effects nor represent a decision in principle about a future consideration (40 CFR 1508.27(b)(6)).
5. There is no potential for the effects to be considered highly controversial (40 CFR 1508.27(b)(4)).
6. The proposed action will not have significant cumulative impacts (40 CFR 1508.27(b)(7)).
7. The proposed action will not adversely affect any districts, sites, highways, structures, or objects listed in or eligible for listing in the National Register of Historic Places (40 CFR 1508.27(b)(8). Pursuant to 54 USC § 306108, commonly known as Section 106 of the National Historic Preservation Act, and its implementing regulations at 36 CFR Part 800, Reclamation notified the State Historic Preservation Officer (SHPO) of a finding of no historic properties affected for the undertaking through correspondence on April 20, 2017. Through correspondence dated May 25, 2017, the SHPO responded with of a finding of no historic properties adversely affected.
8. The proposed action would not adversely affect listed or proposed threatened or endangered species (40 CFR 1508.27(b)(9)).
9. The proposed action will not violate Federal, state, tribal or local law or requirements

imposed for the protection of the environment (40 CFR 1508.27(b)(10)).

10. The proposed action will not affect Indian Trust Assets (512 DM 2, Policy Memorandum dated December 15, 1993). The nearest ITA to the Proposed Action is a rancheria approximately 34 miles north of the proposed action.

11. Implementing the proposed action will not disproportionately affect minorities or low-income populations and communities (EO 12898).

12. The proposed action will not limit access to, and ceremonial use of, Indian sacred sites on Federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (EO 13007 and 512 DM 3).