



CITY COUNCIL AGENDA ITEM NO. F.1
11/14/2023

SUBJECT: Supplemental Mitigated Negative Declaration and Amended Mitigation Monitoring and Reporting Program for the Wastewater Treatment Plant Expansion – Phase II Project.

DEPARTMENT: Public Works

STAFF: Casey Wichert, Director of Public Works
Philip McKinney, Wastewater Operations Manager

TITLE/RECOMMENDATION

Staff recommends that the City Council adopt a Resolution adopting a Supplemental Mitigated Negative Declaration and Amended Mitigation Monitoring and Reporting Program for the Wastewater Treatment Plant Expansion – Phase II Project, CIP Project No. 592-59140.

FISCAL IMPACT

This is an administrative function with no fiscal impact associated with the adoption of the Supplemental Mitigated Negative Declaration and Amended Mitigation Monitoring and Reporting Program. Any costs associated with the mitigation measures have been budgeted in the adopted Capital Improvement Program ("CIP"), which includes the Wastewater Treatment Plant (WWTP) Expansion - Phase II Project, CIP Project No. 592-59140 ("Project"). Project funding is mainly from a State Revolving Fund (SRF) low-interest loan and Wastewater Development Impact Fees, Wastewater Enterprise Funds and Wastewater Replacement Funds. The SRF loan is financed over a 30-year period with future debt payments provided by the Wastewater Enterprise Fund and Wastewater Development Impact Fees

BACKGROUND

The City prepared an Initial Study to evaluate potential environmental impacts from construction and operation of the Project and adopted a Mitigated Negative Declaration on August 9, 2016. As originally proposed, the Project involved construction of a biosolids dryer building and storage silo as a means of producing Class A biosolids, thus facilitating additional uses or disposal methods for the biosolids. The City has since decided to use different technology and place the biosolids drying facilities at a different location. Based on the research conducted by



CITY COUNCIL AGENDA ITEM NO. F.1 11/14/2023

staff, it was determined that a pyrolysis-based system was the best application for the City to meet current and future regulatory requirements for biosolids treatment and disposal.

The Project modifications consist of the following main components.

1. Installation of a biosolids drying and pyrolysis system ("BDPS") adjacent to the existing footprint of the WWTP.
2. Realignment of a paved connector path to the Marsh Creek trail.
3. Installation of new WWTP perimeter fencing around the BDPS.
4. Tree removal.

All Project components would be constructed on 4 acres of City-owned property immediately adjacent to the east boundary of the current WWTP footprint.

The above-described revisions to the Project required preparation of a Supplemental Initial Study in accordance with the California Environmental Quality Act ("CEQA") to identify potential environmental impacts and mitigation measures to reduce impacts to a less-than-significant level.

CITY COUNCIL STRATEGIC INITIATIVE

Focus Area 1 - Goal 2: Water, Wastewater, and Solid Waste Services: Provide safe and sustainable water, wastewater, and solid waste services for the build-out of the City per the City's General Plan.

PREVIOUS ACTION

Previous Action by the City Council is included on Attachment 1.

DATE OF NOTICE

On September 7, 2023, a notice of public hearing and intent to adopt the Supplemental Mitigated Negative Declaration was posted at the Contra Costa County Clerk-Recorder's office, submitted to the State Clearinghouse, and mailed to the City of Brentwood's list of agencies and other interested parties regarding CEQA documents available for review, for a 30-day review period ending October 6, 2023. A comment letter was received from the Central Valley Regional Water Quality Control Board on October 10, 2023, describing the types of permits required for projects that affect surface waters and groundwaters.



ENVIRONMENTAL DETERMINATION

The Supplemental Initial Study prepared for the Project includes the following findings.

1. The Project would have no impact to Agriculture and Forestry Resources; Hazards and Hazardous Materials; Land Use and Planning; Mineral Resources; Population and Housing; Public Services; and Utilities and Service Systems.
2. The Project would have less-than-significant impacts to Aesthetics; Air Quality; Energy; Greenhouse Gas Emissions; Public Services; Recreation; Transportation; and Wildfire.
3. Impacts of the Project would be less than significant with incorporation of the mitigation measures to Biological Resources; Cultural Resources; Geology and Soils; Hydrology and Water Quality; Noise; and Tribal Cultural Resources.

Mitigation measures to reduce all potentially significant impacts to less than significant levels are included in the Supplemental Mitigated Negative Declaration and Amended Mitigation Monitoring and Reporting Program proposed for adoption by the City Council.

ATTACHMENT(S)

1. Previous Action
2. Resolution
3. Supplemental Initial Study
4. Supplemental Mitigated Negative Declaration
5. Amended Mitigation Monitoring and Reporting Program
6. Comment Letter from the Central Valley Regional Water Quality Control Board dated October 6, 2023, and received on October 10, 2023
7. CIP Budget Sheet