

**14-15 DECEMBER 2023 BOARD MEETING
UNCONTESTED AGENDA ITEM**

AGENDA ITEM: 11

SUBJECT:

Information item on performance of the City of Sacramento's Combined Wastewater Collection and Treatment System McKinley Water Vault.

BOARD ACTION:

Information item only.

BACKGROUND:

Staff from the City of Sacramento (City) will present an information item about the McKinley Water Vault, a 6 million gallon temporary storage vault constructed under McKinley Park to manage peak flows in the City's Combined Wastewater Collection and Treatment System (otherwise known as the Combined Sewer System or CSS) during significant wet weather events to alleviate street flooding and outflows. The Sacramento CSS is one of two collection systems in the state of California that combines municipal and industrial wastewater and stormwater.

The Central Valley Water Board regulates discharges of treated and untreated combined wastewater and storm water runoff to the Sacramento River from the Sacramento CSS under Order No. R5-2020-0039 (NPDES Permit CA0079111), adopted 14 August 2020. These discharges are called combined sewer overflows or CSOs. The City has an operating agreement to pump up to 60 million gallons per day (MGD) from the combined system to Sacramento Regional County Sanitation District's, Sacramento Regional Wastewater Treatment Plant (WWTP), which is the normal operation for most flows captured by the Sacramento CSS. During the last permit term, 95 percent of all CSS flows were treated by the Sacramento Regional WWTP.

The McKinley Water Vault project is part of the City's Long-term Control Plan, which is required by the NPDES permit to implement U.S. EPA's CSO Control Policy. Based on modeling, the McKinley Park area was found to be one of the largest outflow problem areas in the CSS. The McKinley Water Vault is designed to help manage and equalize flows in the collection system during heavy storm events by preventing backups and flooding and maximizing treatment by the Sacramento Regional WWTP.

The McKinley Water Vault was under construction during the 2020 NPDES permit renewal and Central Valley Water Board staff received public comments from concerned citizens during the tentative order public comment period. Many of the comments from the concerned citizens were related to the McKinley Water Vault project and were outside the scope of the proposed NPDES permit. In response to the public's concerns during the 2020 permit renewal, the City agreed to provide an update to the

Board on the McKinley Water Vault's performance after a few years of implementation during wet weather events.

RECOMMENDATION:

Not applicable.

REVIEWS:

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| Management Review: | AWL by email 11/20/2023 |
| Legal Review: | BT by email 11/17/2023 |

BOARD MEETING LOCATION:

Central Valley Regional Water Quality Control Board
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

AND VIA VIDEO AND TELECONFERENCE