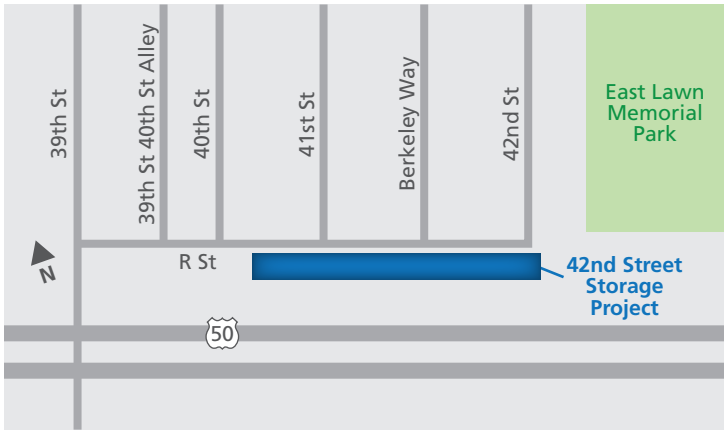
McKinley Water Vault

PROTECTING PEOPLE AND PROPERTY FROM FLOODING

ALL ABOUT SACRAMENTO'S WASTEWATER VAULTS

A wastewater vault is an underground storage tank or cistern that reduces the amount of wastewater (stormwater runoff and sewage) that floods Sacramento streets. The vaults temporarily store the wastewater during large storm events.

Vaults are kept empty except during large storm events. They are typically drained within one to three days after a large storm and the wastewater is drained back into the combined sewer system at a sustainable rate. The wastewater is treated to high water quality levels at Regional San's Regional Wastewater Treatment Plant in Elk Grove before it is released back into our local rivers.



42ND STREET STORAGE PROJECT

1999

42nd & R streets

STATS

Structure: Cast in place concrete

Approximately 38 feet wide, 23 feet deep and 450 feet long

It can hold up to 220,000 cubic feet (1.6 million gallons) of stormwater and wastewater

The 42nd and R Street wastewater vault was designed to limit the amount of wastewater outflows during heavy rain storms. It includes a large, underground storage vault for wastewater and an associated pump station to drain the storage. A pump station, odor control and other facilities are located next to a private, residential home. Its architecture blends in with the surrounding neighborhood. There have been no odor complaints from neighbors.

New landscaping including trees, shrubs, ground cover and an irrigation system were installed along the south side of R Street to replace landscaping removed during construction.

OAK PARK STORAGE PROJECT

Complete and operational in 2015

8th Avenue & San Carlos Way

STATS

Structure: Cast in place concrete with 10'-diameter precast reinforced concrete pipe

Approximately 265 feet wide, 18 feet deep and 230-356 feet long

It can hold up to 500,000 cubic feet (3.8 million gallons) of storm water and wastewater

The Oak Park Storage project was built to help reduce local flooding and outflows in the Oak Park neighborhood and regional flooding within the combined sewer system. It is part of the Combined Sewer System Improvement Plan.

In coordination with the Parks and Recreation Department, a soccer field was built over the storage facility.

UC DAVIS MEDICAL CENTER STORAGE PROJECT

2000

V & 49th streets

STATS

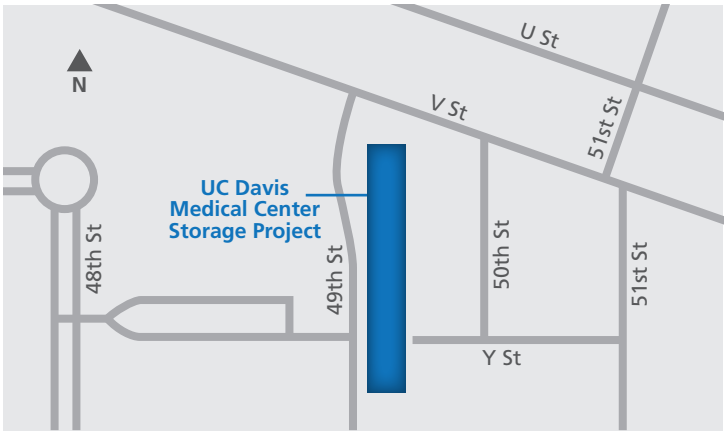
Structure: Cast in place concrete with 12'- tall precast concrete box culverts

Approximately 65 feet wide, 31 feet deep and 525 feet long

It can hold up to 400,000 cubic feet (3 million gallons) of storm water and wastewater

UC Davis Medical Center storage project was built to help reduce local flooding and outflows in the neighborhood and regional flooding within the combined sewer system. It was also designed to help reduce local flooding in the area.

The Elmhurst-Med Center Community Garden, an open park area and community garden are located above the storage project.



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#alwaysworking for you and your family

GET CONNECTED

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