



TITLE

Chemical Purchases FY2026-27

RECOMMENDATION

Adopt a Resolution authorizing the purchase of chemicals for the Water Enterprise in an amount not to exceed \$534,000; for the Wastewater Enterprise in an amount of \$38,240; and for the Recycled Water Enterprise in an amount of \$100,000 for FY2026-27.

CONTACT

Erica Ahmann Smithies, P.E., Public Works Director
Norman Woods, M.B.A., Assistant Public Works Director

BACKGROUND & ANALYSIS

The City cooperates with other local agencies to obtain bulk pricing for chemicals to aid in the treatment of drinking water, wastewater and recycled water. The North Bay Agency Chemical Pool is comprised of the cities of American Canyon, Napa, Vallejo, Fairfield, Vacaville and others. The City has participated in the Pool since 1994. Each Fiscal Year, this process ensures the City receives the best possible prices from vendors.

Sodium Hydroxide is used to adjust pH depending on source water quality. Sodium Hypochlorite is used in the disinfection process of finished potable and recycled water. The disinfection process and pH adjustments help control and mitigate the formation of disinfection byproducts and operational changes made in this regard can result in a change of consumables. Aluminum sulfate is used in water purification. In water purification, it causes suspended impurities to coagulate into larger particles and then settle to the bottom to be filtered out.

For FY2026-27, the lowest responsive and responsible bidders for the Pool are as follows:

CHEMTRADE - Aluminum Sulfate (Acid Alu, Full) at \$789.54 / Dry Ton

UNIVAR - Sodium Hydroxide (25%NaOH, Full) \$1,028.81 / Dry Ton

UNIVAR - Sodium Hypochlorite (12% NaOCl, Short) \$4.35 / Dry Ton

Other chemicals outside the Consortium are Pro Pac 9890 and ACH 9800 which are advanced engineered coagulants that enhance organic removal assisting in reduction of Disinfection-By-Products and improves overall plant performances. By using advanced coagulants, it reduces other

chemicals. Citric Acid is a weak acid made of citrus fruits, it is used in water chemistry for stabilization, neutralization and removes inorganic material from the membrane filters. These chemicals are obtained from USALCO and Thatcher.

COUNCIL PRIORITY PROGRAMS AND PROJECTS

Infrastructure: "Develop and maintain infrastructure resources to support sustainable growth."

FISCAL IMPACT

It is anticipated that the cost of Chemicals will be \$534,000 for the Water Enterprise; \$38,240 for the Wastewater Enterprise; and \$100,000 for the Recycled Water Enterprise. These amounts have been budgeted in FY2026-27.

The FY2026-27 Budget includes sufficient funds for chemical purchases as follows: Water Enterprise 510-50-560-43115, Wastewater Enterprise 540-50-570-43115 and Recycled Water Enterprise 580-50-590-43115 to implement the recommended action.

ENVIRONMENTAL REVIEW

15378(b) - The action is not a "Project" subject to the California Environmental Quality Act ("CEQA") because it does not qualify as a "Project" under Public Resources Code Sections 21065 and 21080 and in Section 15378(b) of Title 14 of the California Code of Regulations. The purchase of chemicals for the City's normal operations is also exempt from review as operation of the City's existing facilities under Section 15301 of Title 14 of the California Code of Regulations.

COMMUNICATION

Level 0: No Further Public Communication Needed

ATTACHMENTS:

[1. Resolution - Chemicals](#)