



RIVERSIDE WATER QUALITY CONTROL PLANT CHEMICAL PURCHASES

Public Works Department

City Council
June 24, 2025

RiversideCA.gov

1

BACKGROUND

WQCP services **93,000 customers**
within the City of Riverside

Treatment Plant

27 Million gallons
per day average

Collections System



800 miles of gravity sewers



20 wastewater lift stations



16,000 sewer manholes



RiversideCA.gov

2

BACKGROUND

- The Riverside Water Quality Control Plant (RWQCP), managed by the Public Works Wastewater Division, oversees wastewater collection and treatment for Riverside and surrounding communities:
 - Edgemont, Highgrove, Jurupa, and Rubidoux.
- To satisfy the U.S. Environmental Protection Agency's (EPA) National Pollution Discharge Elimination System (NPDES) Permit, the wastewater must be treated to comply with water quality standards.
- The treatment process relies on various chemicals to achieve the required water quality.



3

RiversideCA.gov

3

VV0

DISCUSSION

- Under Section 404 and 602 (J) of Purchasing Resolution No.24101, chemicals are considered to be items 'peculiar to the needs of the Water Utility, the Electric Utility, and the Sewer Utility and may be acquired by informal Procurement or Negotiated Procurement, regardless of their estimated Procurement expenditure amounts, providing it is in the best interest of the City to do so.
- Staff conducted a general market analysis comparing price ranges of current vendors to other businesses who offer similar goods.
- The Purchasing Manager concurs that the recommended action to purchase is in compliance with Purchasing Resolution No. 24101.



4

RiversideCA.gov

4

Slide 4

VVO

Updated to reflect Purchasing Res 24101 section 1104 for Change Orders

Villegas, Victoria, 2025-02-12T17:38:10.901

VV0

DISCUSSION (CONTINUED ...)

Vendor	Chemical	Cost
Northstar Chemical	Citric Acid	\$300,000
Kemira Water Solutions, Inc.	Ferric Chloride	\$1,328,888
Univar USA, Inc.	Sodium Bisulfate	\$1,122,682
Pioneer Americans LLC	Sodium Hypochlorite	\$3,251,287
Total FY 2025/2026 Chemical Cost		\$6,002,857



5

RiversideCA.gov

5

STRATEGIC PLAN ALIGNMENT

Strategic Priority 4 – Environmental Stewardship

- **Goal 4.2** – Sustainably manage local water resources to maximize reliability and advanced water reuse to ensure safe, reliable, and affordable water to our community.

Cross-Cutting Threads



Community Trust



Fiscal Responsibility

Sustainability &
Resiliency

Equity



Innovation



6

RiversideCA.gov

6

Slide 5

VVO Added table to display change order need
Villegas, Victoria, 2025-02-12T20:16:10.242

VVO

RECOMMENDATIONS

That the City Council:

1. Approve an annual Purchase Order with Northstar Chemical of Santa Fe Springs, California, for citric acid in the amount \$300,000;
2. Approve an annual Purchase Order with Kemira Water Solutions, Inc., of Fontana, California, for ferric chloride in the amount of \$1,328,888;
3. Approve an annual Purchase Order with Univar USA, Inc., of Kent, Washington, for sodium bisulfite in the amount of \$1,122,682; and
4. Approve an annual Purchase Order with Pioneer Americas, LLC., of Wilmington, Delaware, for sodium hypochlorite in the amount of \$3,251,287.
5. Authorize the City Manager or his designee to execute purchase orders with Northstar Chemical, Kemira Water Solutions, Inc., Univar USA, Inc., and Pioneer of Americas, LLC. Including making minor and non-substantive changes.



7

RiversideCA.gov

Slide 7

VVO Updated to reflect recommendations listed on memo
Villegas, Victoria, 2025-02-12T20:18:13.747