



# RIVERSIDE WATER QUALITY CONTROL PLANT CHEMICAL PURCHASES – CHANGE ORDERS

## Public Works Department

City Council  
April 16, 2024

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## 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



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## BACKGROUND

- The Public Works Department Wastewater Division is responsible for the collection & treatment of wastewater generated within the City of Riverside & the communities of Edgemont, Highgrove, Jurupa & Rubidoux at the RWQCP.
- To satisfy the US Environmental Protection Agency's (EPA) National Pollution Discharge Elimination System (NPDES) Permit, wastewater must be treated to achieve regulatory water quality standards.
- The RWQCP treatment processes require the use of various chemicals to achieve water quality objectives.



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## DISCUSSION

- Market volatility, temporary supply shortages, and the Consumer Price Index (CPI) unexpectedly caused a rise in unit costs for chemicals that were budgeted for the current FY 2023/24 budget cycle.
- The usage of chemicals for the remainder of FY 2023/2024 is anticipated to increase due to the Chlorine Contact Basin #2 (CCB2) closure while it is being upgraded to meet conditions set forth by the Department of Drinking Water (DDW) to operate at a lower contact time.
- This change order request is in accordance with Resolution 23914 "Section 1104. Change Order.
- The Purchasing Manager concurs that the actions to approve are in compliance with Purchasing Resolution No. 23914, per Section 1104.



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# 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



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# RECOMMENDATIONS

That the City Council:

1. Approve a change order to annual Purchase Order No. 240548 for ferric chloride with Kemira Water Solutions, Inc., of Fontana, California, in the amount of \$165,000 for a revised total of \$1,110,000;
2. Approve a change order to annual Purchase Order No. 241158 for sodium bisulfate with Univar USA, Inc., of Kent, Washington, in the amount of \$225,000 for a revised total of \$960,000;
3. Approve a change order to annual Purchase Order No. 241153 for sodium hypochlorite with Pioneer Americas, LLC., of Wilmington, Delaware, in the amount of \$1,387,285 for a revised total of \$3,200,000;
4. Approve a change order to annual Purchase Order No. 241670 for polymer with SNF Polydyne, Inc., of Riceboro, Georgia, in the amount of \$741,000 for a revised total of \$2,211,000; and
5. With at least five affirmative votes, authorize the Chief Financial Officer, or designee, to record a supplemental appropriation \$1,888,285 from available Sewer Working Capital to the Sewer Fund, Sewer Systems Treatment, Chemical Supplies expenditure account.



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