



# NALCO CHEMICALS USED AT RERC & CLEARWATER POWER PLANTS

## Riverside Public Utilities

**Board of Public Utilities**  
December 12, 2022

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## BACKGROUND

**Use of specialized chemicals is an essential part of the normal process of producing electricity at Riverside Energy Resource Center (RERC) and Clearwater Power Plants**

1. Specialized chemical treatment reduces
  - a. Bacteria growth and
  - b. Provides corrosion control on expensive components
2. Chemical usage increases commensurate with increases in each plant's operation
3. Power plants operated 3-times more this summer than previous summers and thus used more chemicals than originally forecast



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## DISCUSSION

Nalco Company, LLC provides the specialized chemicals used at the RERC and Clearwater Power Plants

- a. Using the same specialized chemicals over time ensures compatibility with the complex systems at each facility
- b. Staff negotiated favorable prices covering 5 years directly with Nalco in 2020
- c. Competitive procurement was not required
  - i. Purchasing resolution 23914, Section 404, Utilities Exceptions
- d. An Annual Purchase Order for the specialized chemicals with Nalco in the amount of \$85,000 was approved by the RPU Board on June 27, 2022



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## STRATEGIC PLAN ALIGNMENT



### Strategic Priority 5 - High Performing Government

Goal 5.4. Achieve and maintain financial health by addressing gaps between revenues and expenditures and aligning resources with strategic priorities to yield the greatest impact.



### Strategic Priority 6 - Infrastructure, Mobility & Connectivity

Goal 6.2. Maintain, protect, and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

### Cross Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability &amp; Resiliency



Equity



Innovation



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## RECOMMENDATION

That the Board of Public Utilities approve an increase in the annual expenditure limit by \$80,000 for a revised a total of \$165,000 with Nalco Company, LLC of Naperville, Illinois, for chemicals used at the Riverside Energy Resource Center and Clearwater Power Plants.

