

EXECUTIVE SUMMARY SHEET
CITY OF SAN DIEGO

DATE ISSUED: September 25, 2009
ATTENTION: Natural Resources & Culture Committee
Agenda of October 7, 2009
ORIGINATING DEPARTMENT: Public Utilities
SUBJECT: Purchase of Sodium Hypochlorite for Wastewater
Disinfection and Odor Control
COUNCIL DISTRICTS: City-wide
STAFF CONTACT: Christopher McKinney (858) 292-6447

REQUESTED ACTION:

1. Authorize an increase of \$2,345,000 to the purchase agreement with Olin Chlor Alkali Products, Bid 7317-05-T for the purchase of sodium hypochlorite for wastewater disinfection and odor control.
2. Authorize this contractual expense from the Metropolitan Wastewater Operating Fund 700001 in the amount of \$2,320,000 and from the Municipal Wastewater Operating Fund 700000 in the amount of \$25,000.

STAFF RECOMMENDATION: Adopt the Resolutions.

EXECUTIVE SUMMARY:

Sodium hypochlorite is a chemical used, among others, to disinfect wastewater and control odors. Use of this chemical for disinfection and odor control at the North City Water Reclamation Plant, Metropolitan Biosolids Center, and five wastewater pump stations has remained fairly constant over the last two years. However, in FY 2009 the Metropolitan Wastewater Department, now a branch of the Public Utilities Department, began using sodium hypochlorite at the Point Loma Wastewater Treatment Plant for partial disinfection of treated wastewater. Plant staff has increased the sodium hypochlorite dose for this purpose from 8 ppm to 10 ppm, and may increase it to a maximum of 16 ppm if disinfection needs warrant. The prior Council authorization for sodium hypochlorite purchases were based on earlier staff estimated use, which did not anticipate the additional use at the Point Loma Wastewater Treatment Plant. This request is to increase the authorization for sodium hypochlorite purchases to allow the Department to maintain sufficient chemicals to meet the increased disinfection dose to 10 ppm and higher. There is no change in the approved vendor, Olin Chlor Alkali Products, or the bid price at this time. The bid price was last adjusted by +7.2% on April 1, 2009 due to increased commodity prices. This adjustment was made per Pricing Agreement 8070141-0, within bid terms.

EQUAL OPPORTUNITY CONTRACTING:

The Work Force Report will be submitted by Olin Chlor Alkali Products. Staff will monitor plan and adherence to Non Discrimination Ordinance.

FISCAL CONSIDERATIONS:

The total cost of this action is \$2,345,000, bringing the total value of the contract to \$6,025,000. Funds are available in the approved FY10 operating budget.

PREVIOUS COUNCIL/COMMITTEE ACTION:

Resolution R-304381 approved on November 18, 2008 addressed the previously requested purchase levels of sodium hypochlorite for the amount of \$3,680,000 in FY 2010.

COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS:

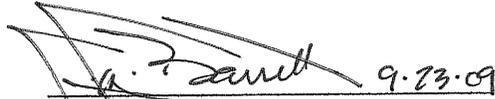
This item was presented to the Metro Technical Advisory Committee on September 16, 2009 and the Metro Commission on October 1, 2009.

KEY STAKEHOLDERS:

Sodium hypochlorite is necessary for daily treatment of wastewater for 2.18 million regional customers in the Metropolitan Sewerage System, and for compliance with Federal, State, and County issued permit requirements. Insufficient application of this chemical could jeopardize ocean and air quality.



Ann Sasaki
Assistant Public Utilities Director



J. M. Barrett
Director of Public Utilities