

**ACTION ITEM
BOARD OF SUPERVISORS**

DATE August 19, 2008

TO Board of Supervisors

FROM Steve Crosby *SC*
Interim Director of Utilities

ISSUE. Authorize Renewal of a Contract Amendment for an Odor Control Chemical

STAFF RECOMMENDATION Approval

BUDGET IMPACT Budgeted in Utilities Acct #510-5080-502 60-55,
\$437,500

ATTACHMENTS (2)

- [1] Background Report [2] Reso/Ord/Proc # R08-397
- [] [] Reso/Ord/Proc #
- [] [] Reso/Ord/Proc #

- REVIEW.** [X] County Administrator's Office *[Signature]*
- [X] Finance Division *Marie Penoth*
- [X] Budget Division *Kimberly A. Merritt Law nacy (allied)*

- [X] Consent Agenda [] Other Business [] Public Hearing
- [] Discussion Item [] Presentation [] Unfinished Business
- [] New Business

PRESENTATION BY N/A

ELECTION DISTRICT N/A

BACKGROUND REPORT

The Department of Utilities feeds an odor control chemical at a number of its wastewater pump stations to prevent formation of hydrogen sulfide which can damage piping and manholes and also generate odor complaints from citizens. Generation of hydrogen sulfide is a primary concern where long detention times exist in the piping from the pump station to a gravity sewer and in areas where there is excessive turbulence in gravity sewers.

At its July 18, 2006 meeting, the Board authorized a contract with Basic Chemical Solutions for its CBA-45 Custom Blended Alkali for odor control. The bid specifications included a provision for renewing the contract for up to four (4) additional one-year periods.

This product has been quite effective in preventing hydrogen sulfide formation and in eliminating odor complaints. CBA-45 is at least the third product Utilities has tested extensively for these purposes and the only one which has performed well with a minimum of operational problems. We now have provisions to feed CBA-45 at 16 wastewater pump stations and at the Little Falls Run Wastewater Treatment Facility. Odor control equipment is also required to be provided for new pump stations. As new pump stations have been added and dosages have been increased to totally eliminate odor complaints, costs have gone up. Annual costs have increased from \$165,000 in FY06 to an estimated \$437,500 in FY09. As new products are introduced to the market, we are proactive in testing these products at individual pump stations to determine their effectiveness in eliminating hydrogen sulfide and odors and their potential to reduce our costs.

Staff recommends that the Board authorize extending the existing contract through June 30, 2009 in an amount not to exceed \$437,500. Sufficient funds have been approved in the FY2009 budget.

PROPOSED

BOARD OF SUPERVISORS
COUNTY OF STAFFORD
STAFFORD, VIRGINIA

RESOLUTION

At a regular meeting of the Stafford County Board of Supervisors (the Board) held in the Board Chambers, Stafford County Administration Center, Stafford, Virginia, on the 19th day of August, 2008

MEMBERS

VOTE

George H. Schwartz, Chairman
M. S. "Joe" Brito, Vice Chairman
Harry E. Cnsp II
Mark Dudenhefer
Paul V. Milde III
Cord A. Sterling
Robert "Bob" Woodson

On motion of , seconded by , which carried by a vote of , the following was adopted

A RESOLUTION TO AUTHORIZE A CONTRACT AMENDMENT FOR AN
ODOR CONTROL CHEMICAL

WHEREAS, the Department of Utilities uses an odor control chemical to eliminate hydrogen sulfide generation at a number of its wastewater pump stations and in the wastewater collection system, and

WHEREAS, the existing contract contains provisions for renewal for up to four (4) additional one year periods, and

WHEREAS, funds have been appropriated in the FY2009 Facilities Maintenance Operating Budget for the purchase of an odor control chemical,

NOW, THEREFORE, BE IT RESOLVED by the Stafford County Board of Supervisors on this the 19th day of August 2008, that the County Administrator be and he hereby is authorized to execute a contract with Basic Chemical Solutions to provide Custom Blended Alkali CBA-45 for odor control in an amount not to exceed \$437,500 in FY2009

AJR SC hc