



THOMAS L. BOLICH
DIRECTOR OF PUBLIC WORKS

County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060
(831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

AGENDA: JANUARY 24, 2006

January 18, 2006

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
Santa Cruz, California 95060

**SUBJECT: COUNTY SERVICE AREA NO. 7 (SUPERVISORIAL DISTRICT 5)
BOULDER CREEK FORCE MAIN REPLACEMENT**

Members of the Board:

Over the past five years there have been more than seventeen sewage spills along the force main for County Service Area No. 7 (CSA No. 7) at various locations between the treatment plant and leachfields. These spills resulted in secondary treated domestic wastewater flowing into Boulder Creek. Each time a spill occurs, the line break is repaired but a new one appears later at another location. Because various attempts to raise the CSA's service charges to establish capital replacement reserves have failed, there are no capital replacement reserves to replace the force main. Public Works has been forced to patch breaks rather than replace the aging force main. On December 9, 2005, the California Regional Water Quality Control Board required that the County of Santa Cruz submit a technical report describing how the County proposes to eliminate spills from the force main, a time schedule for completing the work, and a proposed rate structure for financing the work (see attached letter).

In order to eliminate spills from the force main, approximately 8,300 lineal feet of force main needs to be replaced. Our engineering estimate for the replacement of the entire length of force main from the treatment plant to the leach fields is \$1.5 million (estimate attached).

There are several potential funding sources for these improvements, such as a state revolving fund loan, a rural community assistance corporation loan, a U.S.D.A rural development loan, private loans or assessment district.

In order to respond to the Regional Water Quality Control Board deadline of February 6, 2006, we are proposing the schedule outlined below. The first priority in the process will be to meet with the representative property owners to discuss the issues and determine which funding mechanism to pursue.

Begin consultation with property owners	February 1, 2006
Complete determination of financing method	May 15, 2006
Complete Preliminary Engineering Report	August 15, 2006
Initiate financing application process	September 1, 2006
Complete plans and specifications	December 2006
Complete CEQA/NEPA	February 2007 (categorical exemption)
Obtain Caltrans and Fish & Game permits	June 2007
Finalize project financing	August 2007
Solicit bids	September 2007
Award contract	November 2007
Construction	April 2008 – August 2008

It is therefore recommended that the Board of Supervisors direct Public Works to take the following action:

1. Respond to the California Regional Water Quality Control Board with the information and timeline provided above.
2. Direct Public Works to schedule meetings with the homeowners group and report back to your Board on April 4, 2006, with a progress report.

Yours truly,



THOMAS L. BOLICH
Director of Public Works

TLB:RLL:mg

Attachments

Copy to: CSA No. 7 Representatives
Public Works

RECOMMENDED FOR APPROVAL:



County Administrative Officer



California Regional Water Quality Control Board Central Coast Region

0000341

Alan C. Lloyd, Ph.D.
Agency Secretary

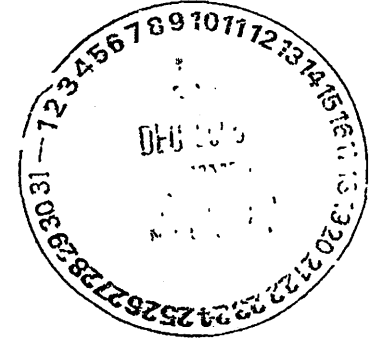
Internet Address: <http://www.waterboards.ca.gov/centralcoast>
895 Aerovista Place, Suite 101, San Luis Obispo, California 93401-7906
Phone (805)549-3147 • FAX (805)543-0397



Arnold Schwarzenegger
Governor

December 5, 2005

Thomas L. Bolich, District Engineer
Department of Public Works
County of Santa Cruz
701 Ocean Street, Room 410
Santa Cruz, CA 95060-2123



Dear Mr. Bolich:

TECHNICAL REPORT AND COMPLIANCE TIME SCHEDULE, BOULDER CREEK GOLF AND COUNTRY CLUB (CSA NO. 7), SANTA CRUZ COUNTY - ORDER NO. 01-034

The force main between CSA No. 7's treatment plant and leachfields has failed many times over the past several years, spilling secondary-treated domestic wastewater into Boulder Creek. Prohibition No. 2 in Waste Discharge Requirements (WDRs) Order No. 01-034 states, "Discharge to areas other than designated reclamation areas and leachfield disposal areas is prohibited." Therefore, spills from the force main violate WDRs Order No. 01-034.

Therefore, in accordance with California Water Code Section 13267(b), the County of Santa Cruz (County) is required, by February 6, 2006, to submit, for the approval of the Executive Officer, a technical report describing how the County proposes to eliminate spills from the force main. The technical report shall include a proposed time schedule whereby the County will achieve compliance with WDRs Order No. 01-034 and a proposed rate structure whereby the residents of CSA No. 7 shall finance the proposed measures.

If you have comments or questions, please call Michael Higgins at 805-542-4649 (mhiggins@waterboards.ca.gov) or David Athey at (805) 542-4644.

Sincerely,

pr: Roger W. Bnggs
Executive Officer

S:\WDR\WDR Facilities\Santa Cruz Co\Santa Cruz CSA #7 - Boulder Creek Country Club\Technical report letter doc

cc: John Ricker
Santa Cruz County Environmental Health Services
701 Ocean Street
Santa Cruz, CA 95060



