

ITEM: 12

SUBJECT: Nevada County Sanitation District No. 1,
Cascade Shores Wastewater Treatment Plant, Nevada County

BOARD ACTION: *Consideration of Order Amending Waste Discharge Requirements Order R5-2008-0111 (NPDES Permit No. CA0083241)*

BACKGROUND: Nevada County Sanitation District No. 1 (Discharger) owns and operates the Cascade Shores Wastewater Treatment Plant (Facility). The Facility provides service for 86 homes that are designated as a Small Community with Financial Hardship by the State Water Board in 2005. The current sewer service charge is \$2,445 per year, which calculates out to approximately \$204 per month per home. For fiscal year 2011/12, the Discharger is scheduled to collect \$225,350 towards an annual operational budget of \$322,650.

On 31 July 2008, the Central Valley Water Board adopted Order R5-2008-0111 prescribing waste discharge requirements, including a Monitoring and Reporting Program, for the Facility. The Facility is permitted to discharge up to 0.012 million gallons per day of treated municipal wastewater to Gas Canyon Creek. In 2009, the Discharger upgraded the Facility to provide tertiary-level treatment.

Based on approximately two years of monitoring data, the Facility's new tertiary-level treatment system demonstrates compliance with the effluent limitations contained in Order R5-2008-0111 for aluminum, mercury, methyl mercury, and total coliform. The proposed Order reduces, and thus amends, the monitoring frequency in Order R5-2008-0111 for aluminum, mercury, and total coliform, and eliminates the effluent monitoring requirement for methyl mercury. The proposed Order also reduces the receiving water monitoring frequency in Order R5-2008-0111. With the reduction in sampling requirements contained in Order R5-2008-001, the Discharger will be able to reduce the annual operational budget devoted to monitoring and use the limited resources towards more critical operation and maintenance items.

ISSUES: The end of the public comment period for the proposed item is 27 January 2012. Public comments and staff responses will be addressed during the Board hearing, if necessary.

Mgmt. Review _____

Legal Review _____

2 February 2012 Central Valley Water Board Meeting
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670