

# MEMORANDUM

DEPARTMENT OF PUBLIC WORKS

County of Placer

TO: BOARD OF SUPERVISORS

DATE: JULY 11, 2006

FROM: KEN GREHM/<sup>BOB</sup>BOB COSTA <sup>MC</sup>

SUBJECT: TAHOE STORMWATER MANAGEMENT PLAN APPROVAL

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## ACTION REQUESTED / RECOMMENDATION

Approve the Tahoe Stormwater Management Plan, authorize Chairman of the Board to sign, and designate the Director of Public Works to act as program administrator, including granting signature authority in matters of communication with the Lahontan Regional Water Quality Control Board.

## BACKGROUND / SUMMARY

Placer County is subject to the National Pollutant Discharge Elimination System ("NPDES") stormwater municipal program requirements. In October 2005 the Lahontan Regional Board adopted Board Order No. R6T-2005-0026 to regulate storm water discharges from the municipalities within the Lake Tahoe Basin. The Order also serves as a National Pollutant Discharge Elimination System Phase I Storm Water Permit (NPDES Permit) as required by the Federal Clean Water Act. The City of South Lake Tahoe, El Dorado County, and Placer County are co-permittees under the NPDES Permit. This permit requires that a Stormwater Management Plan ("SWMP") for 2006-2010 be completed and submitted to the regional board by July 15, 2006. A similar SWMP was approved by the Board of Supervisors for West Placer County in September 2004, as required by our NPDES Phase 2 Permit.

The Tahoe Permit states that "the permittees are responsible for all stormwater/urban runoff discharges in the Lake Tahoe watershed within the legal jurisdictional boundaries of their County." The Tahoe Basin SWMP implements a comprehensive stormwater management and monitoring program, addresses pollutants of concern, and addresses establishment of legal authority. The stormwater program includes the following components: retrofit, construction, industrial, commercial, residential, road and facility inspection, traction abrasive application, education, illicit discharge detection and elimination, public participation, fiscal analysis, and SWMP effectiveness assessment. Additional information is included on the attached supplemental information sheet.

The Regional Board requires that the County designate the responsible county departments for program implementation. The County's stormwater quality program involves multiple departments (potentially 8 plus the Flood Control District), with overall program administrative responsibility assigned to the Department of Public Works. Signature authority for the Director of Public Works is also requested in order to be able to submit letters relating to permit matters and a yearly report to the State within necessary timeframes. As required by the SWMP, staff plans to make an annual report to the Board of Supervisors to keep them and public informed regarding program status and accomplishments.

## ENVIRONMENTAL

The stormwater quality program is exempt under CEQA Guidelines Section 15308, 'Actions by Regulatory Agencies for Protection of the Environment'.

## FISCAL IMPACT

Tahoe SWMP implementation cost is estimated to be from \$200,000 to \$300,000 a year. DPW's FY06/07 budget proposes to fund the core County-wide stormwater quality program with one-third Road Fund and two-thirds General Fund.

A copy of the Tahoe Stormwater Management Plan is on file with the Clerk of the Board of Supervisors.

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SUPPLEMENTAL

DATE: June 27, 2006

SUBJECT: **PLAN DESCRIPTION  
TAHOE BASIN STORMWATER MANAGEMENT**

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**Plan Description**

The Placer County Tahoe Basin Stormwater Management Plan (SWMP) describes the Placer County stormwater quality improvement program to be implemented in compliance with the National Pollutant Discharge Elimination System (NPDES) Phase I Municipal Permit. The Tahoe SWMP includes the following implementation tasks:

- **Retrofit** – Includes continued planning and construction of erosion control and water quality retrofit projects on County roadways. Prioritizes projects and commits to implementation of project tracking database.
- **Construction** – Includes implementation of a Stormwater Ordinance to enforce stormwater quality compliance. County to approve construction and grading activities, inspect construction sites, prioritize activities by threat to water quality, and provide training.
- **Industrial/Commercial/Residential** – Includes development and maintenance of industrial and commercial site inventories, with prioritization based on water quality threat. Residential areas and activities are to be prioritized for outreach and enforcement. Includes inspections for compliance and an educational outreach program.
- **Road and Facility Inspection** – Includes inspections of stormwater collection, conveyance, and treatment facilities, and roadway cuts/fills and shoulders. Includes evaluation and identification of pollutant sources.
- **Traction Abrasive (sand) and Deicer Application and Recovery** – Includes on-going tracking and reporting the application and recovery of sand.
- **Education** – Annual program to train targeted communities (residential, municipal, etc)
- **Illicit Discharge Detection and Elimination** – Implements a program to actively seek, enforce, and eliminate illicit discharges and connections.
- **Public Participation** - Annual events to promote public participation in water quality activities.
- **SWMP Effectiveness** - Includes evaluation of long term effectiveness and success of program.
- **Fiscal Analysis** – Analyze fiscal needs of program and secure required program funding.
- **SWMP Revision and Implementation** – Includes annual reporting on implementation progress and provides for updating requirements as necessary.
- **Impaired Waterbodies/TMDL** – Includes mapping of all stormwater outfalls and drainage areas. Prioritize and implement stormwater treatment projects to reduce pollutant loads.