

**STATE OF CALIFORNIA  
REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION**

**STAFF SUMMARY REPORT (Terry Seward)  
MEETING DATE: May 11, 2011**

**ITEM:** 5A

**SUBJECT:** **California Department of Transportation** – Renewal of Conditional Waiver of Waste Discharge Requirements for Tire Shreds Reuse in Road Construction Projects

**CHRONOLOGY:** 2000 – Adoption of Conditional Waiver of Waste Discharge Requirements for Tire Shreds Reuse in Road Construction Projects  
2006 – Renewal of Conditional Waiver of Waste Discharge Requirements for Tire Shreds Reuse in Road Construction Projects

**DISCUSSION:** The Tentative Order (Appendix A) would renew the Conditional Waiver of Waste Discharge Requirements for use of tire shreds in local Caltrans road construction projects. The conditions in the Tentative Order are based upon studies indicating that the water quality impacts from tire shreds used in road construction projects are negligible when the shreds are properly processed and placed. As an added benefit, recycling tire shreds benefits the environment by reducing tire waste stockpiles.

The Caltrans recycling program utilizes tire shreds as road base and fill material. The tire shreds are placed in layers between native and engineered soil separated by a geofabric. Infiltration of rainwater through the tire shreds is reduced by surface grading and drainage structures, or capping. The Tentative Order sets forth conditions for the use of tire shreds to assure that water quality will be protected.

We did not receive written comments on the Tentative Order. Caltrans verbally indicated its concurrence.

**RECOMMEN-  
DATION:** Adoption of the Tentative Order

File No. 2119.1035 (TS)

Appendix: A - Tentative Order