

REQUEST FOR APPROVAL

To: **Howard Levenson**
Deputy Director, Materials Management and Local Assistance Division

From: **Michelle Martin**
Branch Chief, Financial Resources Management Branch

Request Date: April 27, 2016

Decision Subject: Awards for the Tire-Derived Aggregate Grant Program (California Tire Recycling Management Fund, Fiscal Year 2015–16)

Action By: May 17, 2016

Summary of Request

Staff requests approval of grant awards for the Tire-Derived Aggregate Grant Program (Program) for fiscal year (FY) 2015–16. CalRecycle received four applications requesting \$1,083,792 for this competitive grant program.

Recommendation

Staff recommends approval of four grant awards listed below for \$1,083,792.

Table 1. Recommended Awards

Applicant	Total Award
Riverside County	\$ 133,584
Salinas Valley Solid Waste Authority	66,373
Santa Barbara County	133,835
Solano County	750,000
Total	\$1,083,792

Funding

The *Five-Year Plan for the Waste Tire Recycling Management Program* – (Eighth Edition Covering Fiscal Years 2015/16 to 2019/20) allocates \$600,360 for the Program for FY 2015–16. On April 19, 2016, as part of the Reallocation of Tire Funds, CalRecycle allocated an additional \$483,432 to the Program for a total amount available of \$1,083,792.

Table 2. Funding

Fund Source	Amount Available	Amount to Fund Item	Amount Remaining	Line Item
California Tire Recycling Management Fund (FY 2015–16)	\$1,083,792	\$1,083,792	\$0	Local Assistance/Grants
Total	\$1,083,792	\$1,083,792	\$0	

Deputy Director Action

On the basis of the information and analysis in this Request for Approval and the findings set out herein, I hereby conditionally approve the grant awards for the Tire-Derived Aggregate Grant Program as listed in Table 1. Each proposed grantee's award is conditional upon:

1. The full payment within 60 (sixty) days of the date of this grant award of all outstanding debt(s) or scheduled payment(s) owed by the proposed grantee to Department of Resources Recycling and Recovery (CalRecycle).
2. The return by the proposed grantee of a completed and executed Grant Agreement within 60 (sixty) days from the date that CalRecycle staff emails the Grant Agreement.



Howard Levenson
Deputy Director

4/27/16
Dated

Background and Findings

Statutory Authority

Public Resources Code § 42872, 42872.5, and 42873 authorize CalRecycle to award grants for activities and applications that result in reduced landfill disposal or stockpiling of waste tires. The Program operates within that authority, using a portion of the annual appropriation from the California Tire Recycling Management Fund.

Program Background

The Program is designed to promote the use of recycled waste tires as a cost-effective alternative to conventional construction materials for use in various civil engineering applications. The Program provides competitive grants for: retaining wall backfill, lightweight embankment fill, landslide stabilization, vibration mitigation, low impact development/storm water management, and various landfill applications.

Eligible applicants include:

- Local government entities (cities, counties, or cities and counties).
- Special districts (including transportation districts).
- Joint Powers Authorities.
- State agencies (including offices, departments, bureaus and boards).
- Qualifying Indian Tribes; and private, for-profit entities.

The grant project must be located in California and use at least 500 tons of only California-generated waste tires.

Criteria and Process

The application process, applicant eligibility, project eligibility, grant award categories, and evaluation process was discussed at the September 15, 2015, CalRecycle Public Meeting and subsequently approved by the Deputy Director. The Notice of Funds Available was posted on the CalRecycle web site on December 11, 2015, with an appropriate notice sent to stakeholders.

Applications were due March 10, 2016, with a secondary due date of April 11, 2016 for Resolution submission. Four applications were received requesting a total of \$1,083,792. Staff reviewed the applications in accordance with the approved evaluation criteria. The maximum grant award is \$350,000, except for a "very large project" which may receive a maximum grant award of \$750,000.

The applications are summarized below.

Riverside County – This \$133,584 grant proposes to use 2,323 tons (equivalent to 232,300 passenger tire equivalents [PTEs]) of Tire Derived Aggregate (TDA) in a landfill application for horizontal gas collection wells at two landfills within Riverside County. Installation is anticipated to begin fall 2016.

Salinas Valley Solid Waste Authority (SVSWA) – This \$66,373 grant proposes to use 1,085 tons of TDA (equivalent to 108,500 PTEs) in a landfill application for horizontal gas wells at Johnson Canyon Landfill, located near Gonzales, CA. Installation is anticipated to begin fall 2016. SVSWA serves the cities of Gonzales, Greenfield, King City, Salinas, Soledad and the unincorporated area of eastern Monterey County.

Santa Barbara County – This \$133,835 grant proposes to use 1,087 tons of TDA (equivalent to 108,700 PTEs) to replace soil in a mechanically stabilized earth (MSE) project to repair a slope failure resulting in the closure of Ortega Ridge Road. The county chose the MSE technology using TDA for this project because it minimizes the amount of excavation, provides a permanent engineering solution, and reduces the construction costs. The county did consider conventional landslide repair solutions, including excavating a substantial amount of soil and rebuilding the entire slope or constructing a retaining wall, but both of these solutions would have been more costly and taken longer to construct than using the proposed MSE solution. Project construction should begin in October 2016. In addition, CalRecycle is currently working with Caltrans to develop a standard specification design for an MSE project using TDA (MSTDA). Therefore, the data collected from this project will ultimately support the analysis for developing the MSTDA standard specification.

Solano County – This \$750,000 grant met the criteria for a very large project and proposes to use 42,660 tons of TDA (equivalent to 4,266,000 PTEs) in a project that will raise approximately one mile of Grizzly Island Road from Hill Slough to Gray Hawk Lane. This grant will support a part of the Hill Slough Restoration Project, which will restore tidal marsh habitat and moist grassland habitat to approximately 950 acres of diked seasonal and perennial wetlands. Solano County will work in coordination with the California Department of Fish and Wildlife and Ducks Unlimited to install the TDA for this grant project. Installation anticipated to begin summer 2016.

