

California Integrated Waste Management Board

Board Meeting

January 21, 2008

AGENDA ITEM 8

ITEM

Consideration Of Scope Of Work For Technical Assistance For Development Of A Model Integrated Waste Tire Management Plan For The State Of Baja California, Mexico (Tire Recycling Management Fund, FYs 2008/09, 2009/10 And 2010/11)

I. ISSUE/PROBLEM STATEMENT

This agenda item presents a Scope of Work (SOW) to provide the State of Baja California, Mexico with a model tire management plan framework and technical assistance to develop the Waste Tire Management Plan portion of its Integrated Waste Management Plan.

In 2003, Mexico passed the Integrated Waste Management Law (IWM Law) to promote proper waste management practices for diverse waste streams and encourage reduction, reuse, and recycling of waste. IWM Law includes the management of waste tires. One of the activities required under the IWM Law was for states and municipalities to assess waste streams and develop a Waste Management Plan (WMP). The state in this case is Baja California. Baja California will need to work with each of the municipalities to prepare waste management plans and provide technical assistance. The purpose of this agreement will be to provide Baja California with a model tire management plan framework for organizational and technical assistance regarding waste tire management practices at the state and municipal level. That assistance should ultimately benefit the California/Mexico Border Region and assist in minimizing environmental impacts to California. The model waste tire management plan framework would provide information regarding enforcement, remediation, alternative uses for tires, marketing assistance, and tracking the flow of tires in Mexico.

While the CIWMB's border efforts to date have been conducted through efforts in conjunction with Universities and local jurisdictions in the border region, this will be the first contract dealing with border issues that will be done through competitive bidding, using the Request for Proposals process. The contract will be for fiscal years (FYs) 2008/09, 2009/10, and 2010/11 and will be for a total contract amount not to exceed \$160,000. Because the model waste tire management plan framework will be developed in the first year of the contract, the first year will be funded in the amount of \$120,000, with the following two years being funded in the amount of \$20,000 each for technical assistance.

II. ITEM HISTORY

This is the first time this item has been brought before the Board.

III. OPTIONS FOR THE BOARD

1. Approve the proposed Scope of Work and adopt Resolution 2009-15; or
2. Amend the Scope of Work and adopt Resolution 2009-15, as revised; or
3. Do not approve the Scope of Work.

IV. STAFF RECOMMENDATION

Staff recommends Option 1: Approve the proposed Scope of Work, and adopt Resolution 2009-15.

V. ANALYSIS

A. Key Issues and Findings

California has more registered vehicles than any other state in the United States (U.S.). California is faced with the challenge of diverting or safely managing the more than 44.4 million used and waste tires it generates annually. The California Integrated Waste Management Board (CIWMB) staff estimates that 33 million tires are diverted annually for various alternative uses, including reuse, retreading, recycling, and combustion. There is a strong export market to Mexico for the sale of used tires and tires are illegally disposed of across the U.S.-Mexico border in Mexico.

Over the past decade, the use and transport of used U.S. tires to Mexico has contributed to a concern over the number of used and waste tires along the Border region between California and the State of Baja California, Mexico. Most of the major border cities host piles containing from 100 to tens of thousands of tires, and a few of the largest cities —Tijuana, Ciudad Juarez, and Mexicali — are home to piles ten times as large. Improperly stored and disposed of tires can constitute a fire hazard, generate acute air and water pollution when improperly burned, act as a breeding ground for mosquitoes and other vectors, constitute a “dirty” fuel for industrial facilities if improperly combusted, and contribute to shortages of space in solid waste disposal sites. CIWMB is currently in an agreement with another contractor to provide a Waste Tire Border Study for the California-Mexico Border Region which will address both environmental and economic impacts of transport and disposal of waste tires along the California Mexico Border Region. California’s southern border (approximately 167 miles) is shared almost entirely with Baja California. Information from the Waste Tire Border Study tentatively seems to indicate the need for a more coordinated approach to control the transport and disposal of used and waste tires in Baja California. The Waste Tire Border Study results can be used in developing a model waste tire management plan framework to address the import, transport, disposal, source reduction and recycling of waste tires as set forth in the SOW. The model waste tire management plan framework will be a stand-alone document that could be used as a guidance document for municipal governments in Baja California, as well as other States in Mexico.

To address tire concerns, the Board approved the report, *Five-Year Plan for the Waste Tire Recycling Management Program- 4th Edition Covering Fiscal Years 2007/2008-2011/2012* (Five-Year Plan), which recognized understanding border issues as an important activity. Item #6 on Page 27 of this Five-Year Plan required the CIWMB to “Provide Technical Assistance for the State of Baja California’s Development of Integrated Waste Management Plans” which is part of the Market Development and New Technology Activities for Waste and Used Tires.

This proposed agreement is an integral part of the Board’s 4th 5-Year Waste Tire Management Plan. One of the many points of that Plan focuses on the need for additional effort to control the illegal transport, storage, and disposal of waste tires along the California Mexico Border Region. The control of the transport, storage, and disposal of tires in this region is critical to the environmental and economic concerns of that region and California. Mexico is in the initial stages of attempting to

address this problem and is in the process of requiring each of its States to develop an integrated approach to manage waste tires. Baja California is currently starting to manage the transport, storage, and disposal of waste tires. The implementation of a successful waste tire management plan will benefit California on both an environmental and economic basis. The control and removal of large unregulated waste tire piles in the border region will reduce the serious threat of a tire fire, where the smoke and particulates it carries will end up in the rich agricultural areas of Southern California. Additionally, by reducing that threat there can be assurances that agricultural resources and production will not be interrupted due to a waste tire incident.

B. Environmental Issues

This proposal should help Baja California to enhance its management and enforcement of waste and used tires. Those actions would benefit California from environmental concerns such as fires where the smoke from a tire fire might affect agriculture in southern California.

C. Program/Long Term Impacts

Possible program and long term impacts could be an enhanced, coordinated enforcement and waste tire management program effort in Baja California which in turn would benefit California, especially along the California-Mexico Border Region.

D. Stakeholder Impacts

There are no known negative impacts at this time.

E. Fiscal Impacts

Successful development of a waste tire management plan in Baja California could have a significant positive financial impact on California's environment. The Five-Year Plan allocates \$100,000 for Waste Tire Enforcement Support Activities in FY 2008/09 and \$20,000 for Border Program Activities for each of FYs 2008/09, 2009/10 and 2010/11.

F. Legal Issues

Staff is unaware of any legal issues related to the allocation of these funds.

G. Environmental Justice

Staff is not aware of any Environmental Justice issues related to this proposed contract. The contractor selected for this project will be required to conduct its activities in accordance with the principles of Environmental Justice as defined in Government Code Section 65040.12(e).

VI. FUNDING INFORMATION

1. Fund Source	2. Amount Available	3. Amount to Fund Item	4. Amount Remaining	5. Line Item
Tire Recycling Management Fund, FY 2008/09	\$100,000	\$100,000	\$0	Consulting & Professional Services - External
Tire Recycling Management Fund, FY 2008/09	\$20,000	\$20,000	\$0	Consulting & Professional Services - External
Tire Recycling Management Fund, FY 2009/10	\$20,000	\$20,000	\$0	Consulting & Professional Services - External
Tire Recycling Management Fund, FY 2010/11	\$20,000	\$20,000	\$0	Consulting & Professional Services - External

VII. ATTACHMENTS

1. Scope of Work
2. Resolution Number 2009-15

VIII. STAFF RESPONSIBLE FOR ITEM PREPARATION

A. Program Staff: Darryl L. Petker P.E.

Phone: 916-341-6704

B. Legal Staff: Holly Armstrong

Phone: 916-341-6060

C. Administration Staff: Lynelle Belardi
Stephen Petty

Phone: 916-341-6180
916-341-6691

IX. WRITTEN SUPPORT AND/OR OPPOSITION

A. Support

None at this time

B. Opposition

None at this time.