

## DRAFT PROPOSED WASTE TIRE REGULATIONS

State of California  
CalRecycle 504 Supplement (2/16)

California Department of Resources Recycling and Recovery

### MAJOR WASTE TIRE COLLECTION LOCATION CLOSURE PLAN

<b>GENERAL INFORMATION (please print or type):</b>						<b>TPID #:</b>				
<b>Name:</b>										
<b>Major Waste Tire Facility Permit TPID #:</b>										
<b>Collection Location Address:</b>										
<b>City:</b>		<b>County:</b>			<b>State:</b>		<b>Zip:</b>		<b>Phone:</b>	
<b>Collection Location Operator's Name:</b>										
<b>Mailing Address:</b>										
<b>City:</b>		<b>County:</b>			<b>State:</b>		<b>Zip:</b>		<b>Phone:</b>	
<b>Collection Location Property Owner's Name (if different from operator):</b>										
<b>Mailing Address:</b>										
<b>City:</b>		<b>County:</b>			<b>State:</b>		<b>Zip:</b>		<b>Phone:</b>	
<b>Maximum Number of Whole Waste Tires Stored on Site:</b>										

#### PART A

*The operator shall attach to this form a written cost estimate in accordance with Part C, in current dollars, of the cost of hiring a third party to close the major waste tire collection location. Parts B and C shall be based on the maximum quantity of waste tires that the operator intends to store at the major waste tire collection location.*

#### PART B

The operator shall provide the following information to CalRecycle prior to commencement of closure:

1. A closure schedule with a time period for completion (attach additional pages if necessary):


2. Details of the final disposition of the waste tires in accordance with §18441(a). Include the name of each business that will receive the waste tires and the amounts. Provide the address and phone number for each business (attach additional pages if necessary):


3. A description of how the closure requirements of §18441 will be met (attach additional pages if necessary):


**PART C**

**Closure Cost Estimate Worksheet**

The estimate shall be completed by the operator/owner or duly recognized representative to include the following information:

1. The name, address, and telephone number of the authorized waste tire facility, where waste tires will be taken upon closure.
2. The cost estimate for a third party to cleanup the site along with the detail of how this estimate was calculated, as described below. The estimate shall be developed for the activities anticipated for closure, including disposition of waste tires and tire residues, equipment, labor and administration. Attach the cost estimate and all supporting documentation used in arriving at the closure cost estimate.

Calculate the Total Closure Cost Estimate in dollars for the major waste tire collection location being closed. You may use the formula provided below or an alternative formula that estimates the total cost to close the facility in accordance with applicable requirements.

➤ Total Closure Cost Estimate (TCC) = 1.2 × (Transportation Cost + Destination Charge + Loading Cost + Administration Cost + Security Cost) <

**WHERE:**

"Transportation Cost" represents the total cost of transportation for all loads of tires leaving the facility as well as the cost of the vehicles returning. The Transportation Cost shall be computed using the following formula:

$$\text{Transportation Cost (\$)} = M \times MT \times TC$$

Factor "M" (miles) represents the total distance (round trip mileage) to be covered by a vehicle transporting a load, from the closing facility to a facility selected by the operator that would accept the whole waste tires, or will be stored. The destination facility shall meet the criteria in §18441(a) of Article 5, Chapter 6, Division 7, Title 14, CCR.

Factor "MT" (number of round trips) represents the number of truck loads of waste tires that will be required during the cleanup. The number of truck loads for a particular size waste tire is determined by dividing the total number of waste tires that are of one size (e.g., passenger) by the number of waste tires of that size that can fit into one truck load. Fewer large over sized tires can be hauled by the same truck that is also used for passenger tires. "MT" should be based on the maximum number of loads that will be necessary to cleanup the site. This will be based on the maximum quantity of waste tires that the operator is authorized to have at the collection location as specified above.

Factor "TC" (\$ per load per mile) represents the cost per mile to transport a load of waste tires. The cost includes the average expenses for transportation equipment, fuel, driver wages, tolls, and the vehicle's maintenance. This cost will vary based on the size of vehicle.

"Destination Charge" represents the total cost of tipping fees or disposal fees for all loads of waste tires transferred from the cleanup site to the destination facility. The Destination Charge shall be computed using the following formula:

$$\text{Destination Charge (\$)} = MT \times TF$$

Factor "MT" is described above.

Factor "TF" (\$ per load) represents the cost to deposit waste tires at the destination facility. This may be a tipping fee or a disposal fee. If the fee is expressed in dollars per ton then this number must be multiplied by the weight of the load in order to yield dollars per load. The tipping fee should be based on the form of the waste tires (i.e., whole).

**Closure Cost Estimate Worksheet Con't**

"Loading Cost" represents the total cost of loading all loads of tires into vehicles at the closure facility and unloading the vehicles at the final destination. The Loading Cost shall be computed using the following formula:

$$\text{Loading Cost (\$)} = \text{MT} \times \text{LC}$$

Factor "MT" is described above.

Factor "LC" (\$ per load) represents the unit cost to load one vehicle with waste tires at the closing facility, and to unload the same waste tires at the final destination. This cost includes operational expenses, which covers wages for workers and pro-rated expenses for rental or lease of equipment and machinery.

"Administration Cost" (\$) represents the total cost of administration activities for the entire closure operation. This cost shall include the wages for personnel overseeing the cleanup activities and other operating expenses for the entire project.

"Security Cost" (\$) represents the total cost of security arrangements for the entire closure operation. This is the cost to secure the site and restrict public access. This cost covers the expenses for the entire cleanup operation and includes installation of a site fence, installation or repair of lighting, and wages for security guards, etc.

Notes:

1. Total Closure Cost Estimate will vary according to the maximum number of waste tires that will be stored at the waste tire collection location as specified above.
2. All costs will be added and then multiplied by the contingency factor of 1.2 to estimate the Total Closure Cost for the cleanup.
3. Any deviations from the above formula must be explained.
4. Complete a separate closure cost estimate worksheet if the waste tires are to be transported to more than one point of destination.

**OWNER SIGNATURE:**

I certify under penalty of perjury that the information I provided for this document and all attachments is true and accurate to the best of my knowledge and belief. I am aware that the operator intends to operate a major waste tire collection location at the site specified above pursuant to this document and understand that I may be responsible for the site should the operator fail to meet applicable requirements.

Property Owner or Agent Signature:

Typed Name & Title:

Date:

**OPERATOR CERTIFICATION:**

I certify under penalty of perjury that the information contained in this document and all attachments are true and accurate to the best of my knowledge and belief.

Facility Operator or Agent Signature:

Typed Name & Title:

Date:

APPROVAL AND INCORPORATION BY REFERENCE INTO WASTE TIRE FACILITY PERMIT

Findings:

- a. The operator has met the financial assurance mechanism and operating liability requirements as specified in Title 14, California Code of Regulations (14 CCR), Chapter 6, Articles 9 and 10, to cover the costs identified in this Form 504 Supplement.
- b. The design and operation of the major waste tire collection location is consistent with the requirements set forth in 14 CCR section 18420.15
- c. The terms of this Form 504 Supplement and the operations of the major waste tire collection location relating to the storage of waste tires described herein shall be enforced by the Department of Resources Recycling and Recovery.
- d. Approval of this Form 504 Supplement does not release the operator from his or her responsibilities under any other existing laws, ordinances, regulations or statutes of other government agencies.

Approval:

Based on the above findings and the information described within this Form 504 Supplement, the major waste tire collection location described herein is approved and this Form 504 Supplement is hereby incorporated into Major Waste Tire Facility Permit TPID Number \_\_\_\_\_.

Deviation from the requirements of a major waste tire collection location set forth in 14 CCR section 18420.15, failure to maintain operations in a manner consistent with those described within this Form 504 Supplement and all attachments, or failure to maintain adequate financial assurance mechanisms and operating liability requirements for the major waste tire collection location shall be deemed a violation of Major Waste Tire Facility Permit TPID Number \_\_\_\_\_, and may result in any of the following: issuance of orders; penalties; and a revocation or suspension of this Form 504 Supplement allowing the operation of this major waste tire collection location.

Approving Officer Name and Title: \_\_\_\_\_

Approving Officer Signature: \_\_\_\_\_ Date: \_\_\_\_\_