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Department of Toxic Substances Control

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Arnold Schwarzenegger
Governor

July 28, 2006

To All Interested Parties:

The Department of Toxic Substances Control (DTSC) is conducting a public workshop to solicit comment and information for use in the development of draft regulations to revise the total threshold limit concentration (TTLC) for lead. The objectives of this workshop are to receive comment, answer questions and promote discussion of:

- the draft regulatory proposal and the basis for the threshold
- the model, assumptions and parameters used to develop the TTLC
- the impacts associated with a revised TTLC

The workshop will be held at the following time and place:

DATE: September 18, 2006
TIME: 9:00 a.m. to 1:00 p.m.
LOCATION: Cal/EPA Headquarters Building
Byron Sher Auditorium
1001 I Street, 2nd Floor
Sacramento, CA 95812

Note: Visitors must check-in with security upon entering the Cal/EPA Headquarters Building

Videoconference connections will be established at the following sites:

REMOTE VIDEOCONFERENCE LOCATIONS:

DTSC Regional Office, Glendale Auditorium
1011 North Grandview Avenue
Glendale, CA 91201
(818) 551-2800

DTSC Regional Office, Berkeley Auditorium
700 Heinz Avenue
Berkeley, CA 94710
(510) 540-2122

During the workshop, DTSC representatives will present the approach used to develop the threshold, outline the basis for the assumptions and parameter selections, and discuss anticipated impacts. As part of the workshop, DTSC would like participants at both sites to provide input regarding the selection of the model, the assumptions regarding exposure, the selected parameters, potential outcomes and impacts associated with the revised threshold and any other concerns or positions about the proposal. Specific suggestions for changes and data regarding impacts are most useful. Attendees at the remote videoconference sites will view the workshop on a live closed circuit television monitor and will be able to participate through the videoconference connection.

All interested parties are invited to participate in this public workshop. Please confirm your interest in attending the workshop by sending an e-mail notice indicating which workshop location you will be attending to David Miura at DMiura@dtsc.ca.gov or by calling (916) 322-0348.

Interested participants who are unable to attend the workshop at any of the locations may monitor the workshop live through an audio webcast. The broadcast link will be available on the Cal/EPA website at <http://www.calepa.ca.gov/broadcast/>. Questions and comments may be submitted in real time by sending an electronic mail message to Auditorium@calepa.ca.gov (this e-mail address is valid only for the duration of the workshop; all other correspondence should be made in accordance with the contact information listed at the end of this notice). DTSC staff will monitor e-mails received during the workshop and, as time allows, read and respond to them aloud. All questions and comments submitted via e-mail will be considered when DTSC finalizes the regulatory proposal.

To request special accommodations for persons with disabilities, please contact David Miura at (916) 322-0348 or DMiura@dtsc.ca.gov. Travel information is available at <http://www.calepa.ca.gov/EPAbldg/Location.htm>.

Notice to Hearing Impaired: To obtain additional information, use the California State Relay Service at 1-888-877-5378 (TDD). Ask them to contact Nancy Ostrom at (916) 322-3385.

Background: The existing TTLC for lead was based on scientific information and data that are over twenty years old. Revising the TTLC allows DTSC to correct outdated assumptions used when the original TTLC was developed, which will provide DTSC with a TTLC for lead that reflects a more current scientific understanding of the health effects associated with lead and represents a more robust tool for DTSC to use for hazardous waste identification.

The calculated value for the proposed revised TTLC ranges from 255 to 525 mg/kg depending upon the assumptions used and the values of the input parameters. The range of TTLC values was calculated using LeadSpread7 and assumes direct exposure of the general population to waste containing total lead at concentrations at or below the

TTLC for lead. The calculation assumes that ingestion and inhalation are the routes of exposure and the target blood lead level is 10 µg/dL. The proposed revised TTLC would affect section 66261.24 of Division 4.5 of Title 22 of the California Code of Regulations.

DTSC selected LeadSpread7 to calculate the TTLC for a number of reasons, including its ability to calculate soil lead concentrations associated with the blood lead level of 10 ug/dL at the 95th and 99th percentiles. LeadSpread7 is also designed to provide outputs for both young children and adults and is currently used by DTSC for other lead exposure evaluations, such as the schools soil level screening criterion. In using LeadSpread7 to calculate the TTLC, DTSC is using soil containing lead as a surrogate for hazardous wastes containing lead.

DTSC will prepare a summary of the basis for the proposed TTLC, which will be available at the workshop and which DTSC will distribute on or around August 18, 2006, through the lead list-service described below. DTSC has also prepared a Lead Report that presents recent findings, data, and state and federal regulatory activities regarding lead. The Lead Report will be available at the workshop and on our website at <http://www.dtsc.ca.gov/HazardousWaste/Lead.cfm>.

Contact Information: If you have any further questions about the proposal to revise the TTLC, or wish to submit written comments, please contact Ms. Nancy Ostrom at (916) 322-3385 or NOstrom@dtsc.ca.gov. Additionally, if you would like to receive electronic mail updates regarding the regulatory proposal, or any resulting proposed regulations, you may subscribe to the DTSC list service for the Lead Report at <http://www.calepa.ca.gov/Listservs/dtsc/>. Written comments may be mailed to:

Department of Toxic Substances Control
Attn: Nancy Ostrom – Lead Report
P.O. Box 806
Sacramento, CA 95812-0806