



Air Pollution Control Board
San Diego County Air Pollution Control District

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Third District

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Fourth District

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Fifth District

AGENDA ITEM

DATE: January 25, 2017

AP01

TO: Air Pollution Control Board

SUBJECT: NOTICED PUBLIC HEARING - 2015 AIR TOXICS "HOT SPOTS"
PROGRAM REPORT FOR SAN DIEGO COUNTY (DISTRICTS: ALL)

Overview

The State Air Toxics "Hot Spots" Information and Assessment Act (Program) was enacted in 1987, and requires stationary sources to report the types and quantities of certain substances routinely released into the air. The goals of the Air Toxics "Hot Spots" Act are to collect emissions data, to identify facilities having localized impacts, to ascertain health risks, to notify nearby residents of significant risks, and to reduce those significant risks to legally required acceptable levels. The local air pollution control district reviews the data submitted by facilities, compiles an inventory of emissions, and publishes an annual report on the region's toxic air contaminant emissions.

The 2015 Air Toxics "Hot Spots" Program Report for San Diego County (Report) is an annual report completed by the San Diego County Air Pollution Control District (District) to fulfill the requirements of the program by summarizing the program elements, the current status of the Program in San Diego County, and conclusions drawn from the Program to date. The Report also includes stationary and mobile source emission estimates, results of local Health Risk Assessments (HRAs), and the current status of public notifications.

Today's requested action is to approve for public distribution the 2015 Air Toxics "Hot Spots" Program Report for San Diego County.

Recommendation

AIR POLLUTION CONTROL OFFICER

Consider the draft 2015 Air Toxics "Hot Spots" Program Report for San Diego County and approve the report for public distribution.

Fiscal Impact

There is no fiscal impact associated with this recommendation. There will be no change in net General Fund costs and no additional staff years.

Business Impact Statement

N/A

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Advisory Board Statement

The Air Pollution Control District Advisory Committee considered the proposed 2015 Air Toxics "Hot Spots" Program Report on November 9, 2016. While the Advisory Committee did not have a quorum, all members present (and one member who was not present, via e-mail) expressed support of the Air Pollution Control District’s recommendation to approve the report.

Background

The California Air Toxics “Hot Spots” Information and Assessment Act is a state mandated program enacted in 1987 to address public concern over toxic air contaminant emissions. The program requires local air pollution control districts to evaluate toxic air contaminant emissions, determine which emissions present public health concerns, and also requires facilities to develop strategies to reduce the potential risks of toxic air contaminant exposure to public health. This statewide program is implemented by the local air pollution control districts using guidance developed by the State Office of Environmental Health Hazard Assessment (OEHHA), the California Air Pollution Control Officers Association, and the California Air Resources Board (CARB).

Under the program, facilities emitting toxic air contaminants are required to provide local air pollution control districts with information to update their toxic air contaminant emission inventories at least every four years. The District is then required to review and approve the data submitted by facilities, compile an inventory of emissions, and publish an annual program report on the region’s toxic air contaminant emissions, risk assessment results, and the effectiveness of applicable control measures.

Facilities that emit toxic air contaminants in amounts potentially posing a public health risk must submit to the District a site-specific Health Risk Assessment (HRA) that examines the possible public health risks posed by airborne emissions of toxic compounds; incorporating conservative pollutant dispersion estimates, human exposure assumptions, and health effects information. Each HRA is reviewed by the District and OEHHA to ensure that it does not underestimate the risks. Once an HRA has been approved, the program requires facilities with risks over specified levels to provide public notice to all exposed persons. In addition, facilities with significant risks are required to reduce the risks to below the District’s significance threshold within five years. For the sources required to distribute a public notice, the results of the HRAs approved under the Program are included in the annual Air Toxics "Hot Spots" Program Report. Additionally, the approved HRA reports for all sources are made available by the District for public review.

In order to implement a cost effective and minimally burdensome program, the District worked with industry to develop various streamlined procedures, including customized inventory forms and automated record keeping tasks that reduce the workload for businesses. The District also provides businesses with help in completing the required documents.

Results

Since 1989, industrial toxic air contaminant emissions have been reduced in San Diego County by approximately 88%, a decrease of about 11 million pounds. More recently, these emissions have been reduced by approximately 24.8% since 2009, or approximately 500,000 pounds. The

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declining emission trends for industrial toxic air contaminants are paralleled by declining health risks, as indicated by air quality data collected at the El Cajon and Chula Vista air monitoring stations.

The estimated risks from toxic releases are based on ambient monitoring data for 25 specific air pollutants. The air toxic risk levels from these measurements are a calculated risk of 116 excess cancer cases per million people in Chula Vista and a calculated risk of 136 cancer cases per million people in El Cajon, as determined by the California Air Resources Board, based on collected data.

On October 12, 2016, the District held a public workshop to discuss and receive comments on the 2015 program report. All comments were addressed. A report of the results of that workshop is provided as Attachment B.

If approved by the Board, the 2015 Air Toxics "Hot Spots" Program Report will be distributed to city councils, local health officials, and other stakeholders as required by State law, and will be made available on the District’s website.


Environmental Statement

Pursuant to Section 15060(c)(2) of the California Environmental Quality Act (CEQA) Guidelines, CEQA applies only to government actions that will result in a direct or reasonably foreseeable indirect physical change in the environment. The consideration and approval for dissemination of the 2015 Air Toxics “Hot Spots” Program Report for San Diego County is not a project subject to CEQA; CEQA does not apply to this action.

Linkage to the County of San Diego Strategic Plan

Today’s proposed action to approve the 2015 Air Toxics “Hot Spots” Program Report for San Diego County supports the Sustainable Environments Initiative in the County of San Diego’s 2016-2021 Strategic Plan with an objective to enhance the quality of the environment by focusing on sustainability, pollution prevention, and strategic planning. Approval and distribution of the 2015 Air Toxics “Hot Spots” Program Report for San Diego County will help ensure public awareness and participation in the Program.

Respectfully submitted,



SARAH E. AGHASSI
Deputy Chief Administrative Officer



ROBERT J. KARD
Air Pollution Control Officer

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ATTACHMENT(S)

Attachment A - 2015 Toxics “Hot Spots” Report for San Diego County

Attachment B – Workshop Report

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AGENDA ITEM INFORMATION SHEET

REQUIRES FOUR VOTES: Yes No

WRITTEN DISCLOSURE PER COUNTY CHARTER SECTION 1000.1 REQUIRED
 Yes No

PREVIOUS RELEVANT BOARD ACTIONS:

November 18, 2015 (APCB #1), Approved the 2014 Air Toxics “Hot Spots” Program Report;
October 29, 2014 (APCB #1), Approved the 2013 Air Toxics “Hot Spots” Program Report;
December 4, 2013 (APCB #1), Approved the 2012 Air Toxics “Hot Spots” Program Report;
December 5, 2012 (APCB #2), Approved the 2011 Air Toxics “Hot Spots” Program Report;
September 28, 2011 (APCB #1), Approved the 2010 Air Toxics “Hot Spots” Program Report;
December 8, 2010 (APCB #1), Approved the 2009 Air Toxics “Hot Spots” Program Report;
September 23, 2009 (APCB #1), Approved the 2008 Air Toxics “Hot Spots” Program Report;
December 10, 2008 (APCB #1), Approved the 2007 Air Toxics “Hot Spots” Program Report;
December 12, 2007 (APCB #1), Approved the 2006 Air Toxics “Hot Spots” Program Report;
December 13, 2006 (APCB #1), Approved the 2005 Air Toxics “Hot Spots” Program Report;
December 14, 2005 (APCB #1), Approved the 2004 Air Toxics “Hot Spots” Program Report;
December 15, 2004 (APCB #1), Approved the 2003 Air Toxics “Hot Spots” Program Report;
December 10, 2003 (APCB #1), Approved the 2002 Air Toxics “Hot Spots” Program Report;
October 9, 2002 (APCB #1), Approved the 2001 Air Toxics “Hot Spots” Program Report;
October 17, 2001 (APCB #4), Approved the 2000 Air Toxics “Hot Spots” Program Report;
October 25, 2000 (APCB #4), Approved the 1999 Air Toxics “Hot Spots” Program Report;
December 15, 1999 (APCB #1), Approved the 1998 Air Toxics “Hot Spots” Program Report;
September 23, 1998 (APCB #3), Approved the 1997 Air Toxics “Hot Spots” Program Report;
October 22, 1997 (APCB #1), Approved the 1996 Air Toxics “Hot Spots” Program Report;
June 12, 1996 (APCB #2), Adoption of New Rule 1210 Toxic Air Contaminant Public Health Risks – Public Notification and Risk Reduction;
June 12, 1996 (APCB #1), Adoption of New Rule 1200 Toxic Air Contaminants – New source Review.

BOARD POLICIES APPLICABLE:

N/A

BOARD POLICY STATEMENTS:

N/A

MANDATORY COMPLIANCE:

N/A

ORACLE AWARD NUMBER(S) AND CONTRACT AND/OR REQUISITION NUMBER(S):

N/A

ORIGINATING DEPARTMENT: AIR POLLUTION CONTROL DISTRICT

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OTHER CONCURRENCES(S): N/A

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