



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

NOTICE OF PUBLIC MEETING TO DISCUSS AIR TOXIC RISK FROM A FACILITY IN YOUR NEIGHBORHOOD

State law ensures your right to know about possible health risks from toxic air pollutants emitted by facilities in your neighborhood. The law requires the following facility to notify you:

Facility Name: BOWMAN PLATING COMPANY
Address: 2631 E. 126th St., Compton
Type of Business: Metal Finishing & Anodizing

Even though this facility may be complying with all current air pollution control regulations, some toxic chemicals escape to the air during its normal operations. State law requires the facility to notify all of the people in the area where there is a potential health risk above established thresholds.

Summary of Health Risks

Toxic air pollutants (primarily Hexavalent Chromium) from Bowman Plating Company may be increasing the cancer risks for people who live and work in the area shown on the attached “Facility Risk Map.” Assuming the facility’s emissions in 2013 persisted for 30 years, people who live closest to the facility could have a maximum increase of approximately 110 chances in one million of getting cancer. Those who work closest to the facility could have a maximum increase of approximately 17 chances in one million of getting cancer over a 25-year exposure to the facility’s 2013 emissions. The potential health risks are lower for those living and working farther away from the facility.

As the air pollution control agency for this area, the South Coast Air Quality Management District (SCAQMD) has prepared the enclosed “Information Sheet.” Officials from SCAQMD will conduct a public meeting in the community near Bowman Plating Company to answer questions about the toxic chemicals, the potential health risks, and what is being done to reduce toxic emissions. Officials from Bowman Plating Company will also attend the meeting to present information about their operations and to help answer your questions.

PUBLIC MEETING	<i>Date and Time:</i> February 9, 2016 @ 6:00 pm
	<i>Location:</i> Salvation Army - Corps Community Center 736 East Compton Boulevard Compton, CA 90221

For more information about SCAQMD programs to control toxic air pollution or the public meeting, contact Ian MacMillan of SCAQMD at (909) 396-3244 or e-mail him at imacmillan@aqmd.gov. For more information about the facility, please contact Mr. Daniel Cunningham of Bowman Plating Company at (310) 639-4343.

Businesses receiving this notice should post it where it is most likely to be read by employees.

Cleaning the air we breathe...

INFORMATION SHEET

What are toxic air pollutants?

Chemicals that cause cancer, birth defects or other health effects are known as toxic substances. When these toxic substances are released in the air, they are called toxic air pollutants.

Where do toxic air pollutants come from?

Toxic air pollutants come from a variety of sources. These sources include chemical plants and large manufacturers as well as cars and trucks and smaller businesses. Many products used at home, such as cleaners and paint thinners also contain toxic air pollutants.

What toxic air pollutants does this facility emit?

Under normal operation, this facility emits the toxic air pollutants listed below. The possible health effects of exposure to those pollutants are listed below:

Pollutant	Possible Health Effects
Hexavalent Chromium (Cr VI)	cancer

What is the cancer risk from this facility?

For chemicals that could cause cancer, a calculation called a “health risk assessment” was done. This is the best method officials currently have for estimating the chance that breathing small amount of a chemical over a long period of time will cause cancer. Because the odds are generally small, they are written as a “number of chances in one million” of getting cancer.

The health risk estimate conservatively assumes that a person is continually exposed for 30 years at a single location to the hexavalent chromium emissions that came from Bowman Plating Company in 2013. Most people do not stay in one location for that amount of time, so their actual risk is likely to be lower.

Based on the risk assessment, people who live in the area shown on the Facility Risk Map would have their chance of getting cancer increased by up to about 110 chances in one million because of hexavalent chromium emissions from this facility, and people who work in the area shown would have their chance of getting cancer increased by up to about 17 chances in one million. The attached Facility Risk Map shows the risks at various locations.

How does the risk from this facility compare to other risks?

The cancer risk from this facility is relatively small compared to the average overall risk for people living in the United States. Currently, according to the American Cancer Society, about four out of ten people will get cancer sometime during their lifetime. In other words, the odds of getting cancer at some time in your life are about 400,000 per million.

What is the cancer risk from toxic air pollution in general?

SCAQMD’s Multiple Air Toxics Exposure Study IV (MATES IV) presents estimates of cancer risk throughout SCAQMD’s four county jurisdiction. The average cancer risk from all pollutants emitted from all sources (cars, trucks, factories, power plants, etc.) is about 900 per million.

How was the health risk from this facility determined?

The health risk assessment relied on data collected for calendar year 2013 and submitted via SCAQMD’s annual emissions report (AER) program. Guidance from the state Office of Environmental Health Hazard Assessment was used to determine how the levels of air pollution in the air may impact people’s health. This guidance was updated in March 2015 to specifically address recent scientific advancements in the understanding of how toxic air pollutants have a greater influence on the risks to children.

What is being done to reduce the health risks from this facility?

The state law requiring issuance of this public notice is one step in getting facilities throughout the state to reduce toxic emissions resulting from their operations. The SCAQMD and other agencies have also developed other programs designed to prevent pollution and reduce exposure to toxic air pollution. For example, SCAQMD’s Rule 1402 (Control of Toxic Air Contaminants from Existing Sources), applies to facilities that exceed specific risk thresholds (e.g., cancer risk greater than 25 per million) and requires the facility to reduce its risk below threshold within three years.

How can I get more information?

A copy of the Bowman Plating Company health risk assessment report is available for your review at the following libraries. The health risk assessment and other information about SCAQMD activities can be found on our website at:

<http://www.aqmd.gov/home/regulations/compliance/toxic-hot-spots-ab-2588>

Compton Library
240 W. Compton Blvd.
Compton, CA 90220
(310) 637-0202
Tue - Thu: 10 AM - 8 PM
Fri: 10 AM - 6 PM
Sat: 10 AM - 5 PM
Sun & Mon Closed

SCAQMD Library
21865 Copley Drive
Diamond Bar, CA 91765
(909) 396 - 2600
Tue - Thu: 10 AM - 5 PM
Fri: 8 AM - 3 PM
Sat, Sun, Mon: Closed