

# COMMUNITY UPDATE

The mission of DTSC is to protect California's people and the environment from harmful effects of toxic substances through the restoration of contaminated resources, enforcement, regulation and pollution prevention.

## Orange County Metal Processing & Former PCA Metal Finishing, Inc. Properties - Fullerton Draft Feasibility Study, Remedial Action Plan, and CEQA Negative Declaration Available for Public Comment

The Department of Toxic Substances Control (DTSC), invites the public to read and comment on a proposed cleanup plan of the Orange County Metal Processing and PCA Metal Finishing Facilities (the Site,) located at 1711 E. Kimberly Ave. and 1726 E. Rossllyn Ave., respectively in Fullerton. The properties will be treated as one Site because they are located side by side, have the same impact on the environment, and cleanup efforts will be conducted at the same time.

This plan, called a draft Feasibility Study and Remedial Action Plan (FS/RAP), describes in detail the environmental studies that have been conducted, the results, and the proposed cleanup activities. The chemicals of concern (COCs) at the Site are metals in shallow soil and volatile organic compounds (VOCs) in shallow soil, soil vapor and groundwater. **This groundwater is NOT a source of drinking water.**

There is **no** immediate health risk because the Site is fully developed and paved and will remain unchanged in the future. The public is not exposed to any of the contaminants in soil and groundwater. Shallow soil vapor is currently being collected and treated with a Soil Vapor Extraction (SVE) system\*.

### Why Cleanup is Necessary

DTSC determined there are contaminants present in soil, soil vapor and groundwater at the Site that are above DTSC's protective standards. Thus, DTSC is requiring a cleanup plan be developed and implemented to ensure long term public health and safety. DTSC is responsible to oversee the cleanup actions and ensure work is performed in a manner that does not harm people or the environment.

This fact sheet provides information on:

- Site Location & History
- Environmental Investigation Conducted
- Draft Feasibility Study and Remedial Action Plan – draft FS/RAP
- Safety Measures
- California Environmental Quality Act (CEQA)
- Next Steps
- Where to Find Site Documents
- Who to Contact at DTSC for Information

\*SVE system works by creating a vacuum that pulls vapor out of the soil. Vapor is blown through activated carbon to remove the VOCs. The carbon containing the VOCs is then transported off-site for recycling.

### Public Comment Period



**April 16, 2015 – May 15, 2015**

DTSC encourages you to review and comment on the draft RAP. The draft RAP and other project related documents are available for review at the locations listed in this document.

Please submit written comments postmarked by May 12, 2015; or by email no later than 5:00 pm on the deadline to:

**Hamid "Tony" Hashemian,**  
Project Manager  
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Cypress, Ca 90630  
[Hamid.Hashemian@dtsc.ca.gov](mailto:Hamid.Hashemian@dtsc.ca.gov)  
(714) 484-5466

### **Public Meeting**

Please join us to learn more about this project in your community.

**Date:** April 30, 2015

**Time:** 6:00 p.m. – 8:00 p.m.

**Location:** Fullerton Community Center, 340 W. Commonwealth Avenue, Fullerton, CA 92832



### **Site Description and History**

The approximately 2.3-acre Site is located in a commercial/industrial area. It includes two adjoining properties: the OCMP property on the western portion; and the former PCA property, on the eastern portion. Both properties are owned by PCA Industries LLC (PCA Industries).

### **OCMP**

Two businesses, OCMP and Orange County Painting Company (OCPC), occupy the OCMP property. OCMP has been inactive for several years. In the past OCMP conducted metal plating operations. Currently, OCPC occupies a portion of the property and conducts metal finishing operations using a powder coating and curing process.

### **PCA**

The former PCA property is currently vacant. Electroplating operations were conducted at the property for about 35 years until facility closure activities began in late 2006. Closure activities included decommissioning of the wastewater treatment system, sludge dryer, and filter process units. The entire facility manufacturing operations ceased by March 2007, and all equipment and machinery were removed from the property.

### **Environmental Investigations**

Since 1990, field activities were conducted in various phases and included the following:

**Soil Vapor** – Between May 2008 and December 2014 soil vapor was investigated throughout the Site. The primary VOCs found in soil vapor were tetrachloroethene (PCE) and trichloroethene (TCE). Pilot studies were performed using an SVE system to draw out contaminated soil vapor with successful results.

**Soil** – Between October 1990 and August 2014 various soil investigations were conducted throughout the Site. Metals – hexavalent chromium, cyanide and cadmium, as well as VOCs – PCE and TCE, were found at elevated levels in the soil. Some preliminary soil removal has taken place to protect human health and the environment.

**Groundwater** – Between 1992 and 2014 Groundwater samples were taken at various depths and locations throughout the Site. PCE and TCE were the primary COCs found in groundwater.

A treatability study will be completed to evaluate in situ chemical oxidation (ISCO) for treating contaminated groundwater. ISCO involves the introduction of a chemical oxidant into the subsurface for the purpose of transforming groundwater or soil contaminants into less harmful chemical species.

### **Proposed Cleanup Plan (Draft Feasibility Study and Remedial Action Plan FS/RAP)**

The draft FS/RAP was prepared by AMEC Foster Wheeler on behalf of DTSC. The purpose of the draft FS/RAP is to evaluate technical alternatives and present recommendations and plans for remediation of COCs in soil, soil vapor and groundwater at the Site.

To address the COCs in soil, soil vapor and groundwater the following remedial actions are proposed:

**All media** – Institutional Controls (ICs) and monitoring during and after remedial activities.

- ICs like a Land Use Covenant would restrict the use of the land after cleanup takes place.
- Monitoring soil, soil vapor and groundwater would be done to ensure cleanup measures are working.

### **Soil and Soil Vapor**

- Soil Vapor Extraction – Vapors are the gases formed when chemicals evaporate. SVE drills extraction wells into the contaminated soil. Vacuum pumps or blowers are attached to the wells and a vacuum is created pulling the vapors into the system. These extracted contaminated vapors (or “off gasses”) are then treated to remove harmful levels of contaminants.
- Shallow excavation would involve removal of about 130 tons (122 cubic yards) of shallow contaminated soil around the plating line areas at the OCMP property. It would also include removal of about 110 tons (103 cubic yards) of shallow contaminated soil at several locations in the Old Line plating area at the former PCA property.

Excavated soil will be taken to a landfill. After the contaminated soil has been removed, the excavation will be backfilled with clean soil and the floor slab will be restored.



### Groundwater

- ISCO will be used to treat groundwater where concentrations of contaminants are highest.
- Monitored Natural Attenuation (MNA) will be used to treat the remaining contaminated groundwater - MNA relies on the natural physical, chemical and biological processes to break down the contamination in groundwater.

To learn more about the technologies proposed in this cleanup plan, read the EPA's Citizen's Guides: <http://www.epa.gov/superfund/community/publications.htm#guides>

If the Options recommended in the Draft FS/RAP are chosen, work is expected to start in June 2015.

### Safety Measures

During cleanup activities, the following measures to ensure the safety of the community would be taken:

- For general safety, work areas will be fenced and access will be controlled.
- Water will be sprayed on soil to keep down dust.
- Soil stockpiles will be covered with plastic sheeting.
- Air quality will be monitored to ensure dust levels remain protective to the community.
- All trucks with soil leaving the Site will be covered and the tires brushed and cleaned to keep excess soil from being tracked into the street.

### Environmental Evaluation under CEQA

To comply with CEQA, DTSC conducted an Initial Study (IS). The IS found the proposed remedial action would not affect natural habitats or surface conditions. The impacts would be less than significant and a draft Negative Declaration has been prepared. There is no immediate risk to the community.

### Next Steps

- The public may comment on the draft FS/RAP during the Public Comment Period for 30 days, April 16<sup>th</sup> through May 15, 2015.
- DTSC will review all comments received and make any necessary revisions to finalize the FS/RAP.
- DTSC will approve a final FS/RAP.
- DTSC will provide a "Response to Comments" document to anyone who submitted comments during the Public Comment Period and provided contact information.

- The RAP will be implemented.
- Monitoring will continue.

### Site Information Availability

All Site related documents are available at the following locations:

[https://www.envirostor.dtsc.ca.gov/public/profile\\_report.asp?global\\_id=71002520](https://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=71002520) for OCMP and [https://www.envirostor.dtsc.ca.gov/public/profile\\_report.asp?global\\_id=71002360](https://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=71002360) for PCA Metals

### Department of Toxic Substances Control

Regional Records Office

5796 Corporate Avenue

Cypress, CA 90630

Contact: Ms. Jone Barrio at (714) 484-5336

to schedule an appointment

Hours: Mon. to Fri.: 8:00 am - 5:00 pm

### Fullerton Public Library

353 W. Commonwealth Ave.,

Fullerton, CA 92832

(714) 738-6333

Mon. – Thurs.: 10:00 am – 9:00 pm

Fri. – Sat.: 10:00 am – 5:00pm

Sunday: 1:00 pm – 5:00 pm

### DTSC CONTACTS

#### Project Information

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#### Public Participation

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#### Media Inquiries

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# Orange County Metal Processing & Former PCA Metal Finishing, Inc. Facilities

