

## Executive Officers Report For March 2004

### UNDERGROUND STORAGE TANK PROGRAM

#### Charnock Sub-basin MTBE Cleanup

*Weixing Tong/Jay Huang*

On November 21, 2003, the City of Santa Monica and three oil companies (Shell Oil, ChevronTexaco, and ExxonMobil) reached a settlement that promises the construction of a treatment plant to restore the drinking water supply to the residents of Santa Monica from the Charnock Sub-Basin within five years from now. In 1996, the discovery of MTBE contamination of the City of Santa Monica's Charnock wellfield resulted in shutdown of the wellfield and consequently a loss of over 6 million gallons per day of groundwater supply – an amount equal to approximately half of the City's daily water demand.

Since 1996, this Regional Board, working along with EPA, has diligently investigated and oversaw cleanup the regional and site-specific contamination. As of December of 2003, a total of 294 million gallon of groundwater in the Charnock Sub-Basin Investigation Area have been treated. A total of 1,825 pounds of MTBE have been removed from groundwater and 4,165 pounds of MTBE from soil. In addition, 13,073 pounds of gasoline have been removed from groundwater and 190,267 pounds from soil (see the table below).

PRP #	Site Name	Soil Remediation			Groundwater Remediation			
		TPHg lb	Benzene Lb	MTBE Lb	TPHg lb	Benzene lb	MTBE lb	Water million gal
4	Arco Station #1246	58,571	1,071	23				
6	Former Conoco station	3,977	37	0				
7	Former Unocal Station #3016	24,019	60	84	0.8	0.004	1	0.765
8	Mobil Station # 18-FX5	14,564	85	305	1,078	3	1	41
10	Chevron Station #9-0561	5,102	11	34			0.124	0.161
11	Shell Station # 204-1944-0100	4,731	31	107	12,057	597.7	1,826	256.5
12	Winall #18	14,665	99	1,937				
15	former Powergas station	16,910	61	933				
23	former Thrifty #247	52,287	631	754				
<b>Total</b>		194,826	2,086	4,177	13,135.8	601	1,828	298.4

To date, the site-specific cleanup is still ongoing. The construction of the treatment plant combining with source site cleanup will ensure the full restoration of groundwater production from Charnock Sub-Basin.

For more information on the Charnock Sub-Basin cleanup, visit [http://www.swrcb.ca.gov/rwqcb4/html/programs/ust/charnock\\_mtbe.html](http://www.swrcb.ca.gov/rwqcb4/html/programs/ust/charnock_mtbe.html). Or [www.epa.gov/region09/charnock](http://www.epa.gov/region09/charnock).

### **Completion of Corrective Action at Leaking Underground Fuel Storage Tank Sites**

*Yue Rong*

Regional Board staff have reviewed corrective actions taken for soil and/or groundwater contamination problems from leaking underground storage tanks for the time of **January 1, 2004** through **February 11, 2004**, and determined that no further corrective actions are required for the following sites:

Former Raypak Facility, Westlake Village (R-03046)  
Robertson Car Wash, Los Angeles (900340134)  
Chevron Station #207667, Compton (R-26054)  
Former Mobil Station #18-BYN, Norwalk (I-03359A)  
7-Eleven, Rosemead (I-10327A)  
Joseph Collins Estate, Inglewood (R-15997)  
Westland Heating & Air Conditioning, Los Angeles (900650098)  
Shell Service Station, Inglewood (R-26277)  
Culver City Fire Station #2, Culver City (R-10162)  
Canoga Park Car Wash, Canoga Park (913040598)

### **Public Outreach**

#### **UST Working Group Meeting**

*Yue Rong*

The Los Angeles Regional Water Quality Control Board hosted a regular 19<sup>th</sup> Underground Storage Tank (UST) Working Group meeting on January 26, 2004. Regional Board staff has created a unique public outreach forum for the UST Program. UST Working Group meetings have been held 3 to 4 times a year since 1997. The UST working group consists of a wide range of social interest groups including local government agencies, major oil companies, environmental organizations, consultants, environmental law firms, analytical testing laboratories, realtors, bankers, Regional Board staff, and other special interest groups (e.g., the California League of Cities). The UST Working Group meetings are an open forum and any participant or group member may actively participate by presenting subjects of interest related to USTs. The 19<sup>th</sup> meeting focused on vapor phase contamination and indoor air quality issue. Two invited speakers are well known experts in this field. Approximate 40 people were in attendance. Future meeting agenda can be seen on Regional Boards website ([www.swrcb.ca.gov/rwqcb4](http://www.swrcb.ca.gov/rwqcb4)).

#### **6<sup>th</sup> Annual California Unified Program Agency (CUPA) Conference**

*Weixing Tong*

On February 3, 2004, UST Section staff Dr. Weixing Tong attended the 6<sup>th</sup> Annual California Unified Program Agency (CUPA) Conference, held in Santa Clara. Dr Tong

was one of the four panelists and gave a presentation entitled “Los Angeles Regional Board’s Experience In Managing UST Cases” in the Prioritizing Cleanups with Shrinking Budget session. His presentation covered several topics, including prioritization of UST cases under restricted resource condition, using internet system (email) for distribution of agencies’ correspondence to people on cc list, and managing and utilizing database system.

### **International Outreach**

*Yi Lu/Weixing Tong*

Between December 28, 2003 and January 8, 2004, UST Section staff Dr. Yi Lu and Dr. Weixing Tong teamed up to offer a total of six seminars in China to environmental professionals, students, and regulators, including Guangzhou City Environmental Protection Agency (EPA), Anhui Province EPA, Beijing University – Shengzhen, China Tropic Plant Agriculture Institute and Hainan Tropic Plant Agriculture University, Hainan Normal College, Hefei University of Technology. The seminars introduced various environmental programs in California EPA, including California State EPA organization structure, Los Angeles Regional Water Quality Control Board organization and its programs, water resource development and management in California, environmental enforcement, etc.