

## Executive Officers Report For August 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. Now all parties are in the stage of implementing the agreement.

Since 1996, this Regional Board, working along with USEPA, has diligently investigated and overseen cleanup of the regional and site-specific contamination. As of May 2004, a total of 324 million gallons of groundwater in the Charnock Sub-Basin Investigation Area have been treated. A total of 1,841 pounds of MTBE have been removed from groundwater and 4,195 pounds of MTBE from soil. In addition, 13,507 pounds of gasoline have been removed from groundwater and 202,127 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	59,075	1,071	23				
6	Former Conoco station	4,540	39	0				
7	Former Unocal Station #3016	27,660	83	90	0.8	0.004	1	0.765
8	Mobil Station # 18-FX5	14,886	85	305	1,078	3.15	1.15	41
10	Chevron Station #9-0561	5,118	11	34			0.124	0.161
11	Shell Station # 204-1944-0100	5,234.80	31.70	107.00	12,428	606.4	1,839	282
12	Winall #18	14,665	99	1,937				
15	Former Powergas station	17,501	61	933				
23	Former Thrifty #247	53,447	633	766				
<b>Total</b>		202,127	2,114	4,195	13,507	610	1,841	324

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 the Charnock Sub-Basin.

In the meantime, staff have also been conducting low risk review for those Charnock sites where cleanup has been completed. From February to April 2004, staff issued "No Further Action" letter to five sites (PRP sites #5, #37, #21, #36 and #42).

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 **June 11, 2004** through **July 15, 2004**, and determined that no further corrective actions are required for the following sites:

Former Exxon Station, Los Angeles (900410070)  
Hertz Property, Los Angeles (900360270)  
Giant Truck Stops, Castaic (I-13018A)  
Adair's Automotive, Canoga Park (913030925)

For the case closure sites above, a total of 8402 pounds of hydrocarbons have been removed at the completion of cleanup. In addition, 195 tons of impacted soil were excavated.

### **Public Outreach**

#### **Staff Invited on local Radio Show:**

*Yue Rong*

On July 7, 2004, UST section senior staff Dr. Yue Rong was the invited solo guest on the local Chinese Radio Show (KAZN 1300AM) talking about water resources and quality in Southern California. The talk show lasted about 45 minutes one on one with DJ.