

Executive Officers Report For January 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	57,300	1,065	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	2,995	11	34			0.124	0.161
11	Shell Station # 204-1944-0100	4,551	31	107	11,994	594.5	1,823	252
12	Winall #18	14,665	99	1,937				
15	former Powergas station	16,320	60	930				
23	former Thrifty #247	51,876	630	745				
	Total	190,267	2,078	4,165	13,073	597.5	1,825	294

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. Or 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 **November 17, 2003** through **December 31, 2003**, and determined that no further corrective actions are required for the following sites:

Shell Service Station, Los Angeles (900080061)
Former Shell Service Station, Baldwin Park (917060025A)
Former Service Station, Santa Monica (902910234)
Arco Service Station No. 6063, Woodland Hills (913670443)
City of Beverly Hills, Transfer Station, Beverly Hills (R-12019)
City of Beverly Hills, Maintenance Yard, Beverly Hills (I-12012)
Sunland Street Maintenance Yard, Sunland (910400352)
Angelus Shoe Polish, Culver City (R-07221)
Los Angeles Development Commission, Los Angeles (R-38466)
Former Certified Grocers, Commerce (R-26599)
Grace Shell Station No. 204-1741-0204, Compton (908060116)
Westland Heating & Air Conditioning, Los Angeles (900650098)

Regional Board Continues to Host MBA Student Interns from China

Yi Lu/Yue Rong

For the past several years, the Underground Storage Tank (UST) Program of the Regional Board has been hosting an international internship program to accommodate interns from a Chinese Master of Business Administration (MBA) program administrated by the SINOPEC, a state-owned petroleum and chemical company in China. The MBA Program offers a two-year studying program for future managers of SINOPEC, and sends the students at the end of two years study to western countries for a real life hands-on internship for a minimum 8 weeks.

This year, two interns from SINOPEC started their internship at the Regional Board in early November. Mr. Ning (James) Zhang, with an engineering degree in petroleum and chemical production, is a project manager of SINOPEC's Economic and Technological Research Institute. Mr. Dong (Michael) Xiang, with an engineering degree in petroleum exploration and development, is the general manager of Henan Petroleum Nigeria Company Limited. Both interns are given assignments in different departments within the Regional Board. The internship will last until the middle of January 2004.