

Executive Officers Report For September 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 June 2004, a total of 329 million gallons of groundwater in the Charnock Sub-Basin Investigation Area have been treated. A total of 1,843 pounds of MTBE have been removed from groundwater and 4,195 pounds of MTBE from soil. In addition, 13,607 pounds of gasoline have been removed from groundwater and 202,458 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	4,678	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	5,276	14.7	34			0.124	0.161
11	Shell Station # 204-1944-0100	5,270	31.80	107.00	12,528	608.2	1,841	287
12	Winall #18	14,665	99	1,937				
15	Former Powergas station	17,501	61	933				
23	Former Thrifty #247	53,447	633	766				
Total		202,458	2,118	4,195	13,607	611	1,843	329

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. Or www.epa.gov/region09/charnock.

Completion of Investigation at Sites around the Southern California Water Company Harrison Well #2

John Chiang

In May 2001, the Board was notified of MTBE detection at Southern California Water Company (SCWC) Harrison Well #2. In July of the same year, staff identified 15 potential source sites in the surrounding area and subsequently investigated these sites. Since then, SCWC has tested the water on a monthly basis. MTBE has not been detected at this well since October 2002. To date, Harrison Well #2 remains in operation as a domestic water supply well. In July 2004, staff issued closure letters to all 15 potential responsible parties as the investigation is complete.

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 **July 14, 2004** through **August 11, 2004**, and determined that no further corrective actions are required for the following sites:

Shell Service Station, Santa Clarita (R-26123)
ExxonMobil Station #18-G8L, Los Angeles (900640098M)
Highland Federal Bank, Los Angeles (900390689)
Arco Station #5039, Burbank (915020052)
Verizon Bonita Complex, Pomona (R-10566H)
Pomona College, Claremont (I-15931H)
Verizon Claremont Complex, Claremont (R-12284H)
Former Arco Claremont, Claremont (R-22230H)
Claremont College, Claremont (I-13413H)
Shell Service Station, Claremont (R-26371H)
Richard Hibbard Chevrolet, Claremont (I-14033H)
Miller Brands, Inc. Pomona (R-26608H)
Claremont Chevron Food Mart, Claremont (R-09578H)
Tosco-76 Station #3607, Claremont (R-11094H)
Former Equilon/Shell, Claremont (R-26370H)
Arco Station #5883, Pomona (R-20066H)
Rancho Santa Ana Botanical Gardens, Claremont (R-25583H)
Lynn Honaker Property, Pomona (R-24912H)
Arco Station, Pomona (R-23990H)

For the case closure sites above, a total of 59 tons of impacted soils were excavated at the completion of cleanup.