

**FINAL  
Meeting Minutes**

<p><b>Meeting Subject:</b> Norwalk Tank Farm Restoration Advisory Board (RAB) Quarterly Meeting</p>	<p><b>Meeting Date:</b> <u>23 April 1998</u> <b>Meeting Time:</b> 6:30 p.m. <b>Meeting Place:</b> City of Norwalk Lower Level Conference Rm.</p>
<p><b>RAB, PROJECT TEAM, AND OTHER ATTENDEES</b></p>	
<p><b><u>RAB Community Members</u></b> D. Caughey E. Garcia B. Hoskins M. McIntosh W. Miller J. Rifilato L. Smith W. Sterner M. Young</p>	<p><b><u>Other Members</u></b> J. Anderson (City of Norwalk) R. Babel (City of Cerritos) S. Kilkenny (KMEP) Dr. Duran (OCCS) Lt Col Hover (DEO-LA) Dr. Landolph (OCCS) J. Leserman (WRD) H. Marley (RWQCB)</p>
<p><b><u>Other Attendees</u></b> T. Devoy (City of Norwalk) N. Irish (FD-GTI) Mr. Reed (Pressure Tester) D. Sandstrom (Geomatrix) J. Trani (DEO-LA) T. Whyte (WC)</p>	<p>DEO-LA ....Defense Energy Office-Los Angeles DESC.....Defense Energy Support Center DTSC.....Dept. of Toxic Substances Control FD-GTI.....Fluor Daniel GTI GGC.....Global Geochemistry Corporation KMEP.....Kinder Morgan Energy Partners OCCS.....Offsite Chemicals Cleanup Subcommittee</p>
<p><b><u>Absentees</u></b> J. Pellam</p>	<p>RBCA .....Risk-Based Corrective Action RWQCB ....Regional Water Quality Control Board WC .....Woodward-Clyde WRD.....Water Replenishment District of Southern California</p>
<p><b><u>BACKGROUND</u></b></p>	
<p>DEO-LA and KMEP are conducting environmental cleanup activities at the area in and around the Defense Fuel Support Point Norwalk, also known as the Tank Farm, located at 15306 Norwalk Boulevard, Norwalk, CA. The RAB is an advisory committee of local citizens and project members that reviews and comments on documents relating to the environmental cleanup. All RAB meetings are open to the public and are scheduled quarterly on the last Thursday of the month at 6:30 p.m. unless otherwise voted on by the RAB community membership.</p>	

MEETING MINUTES		23 April 1998	
Item	Description of Discussion and Action Items	Responsible Party	Due Date
1.	<p><u>Introduction</u> Lt Col Bruce Hover, DEO-LA, Meeting Chair</p> <p>The meeting was called to order at 6:35 p.m. by Lt Col Bruce Hover.</p> <p>The minutes from the 22 January 1998 meeting were approved unanimously without changes.</p>	N/A	
2.	<p><u>OCCS Update</u> Scott Kilkenny, KMEP</p> <p>Mr. Kilkenny reviewed the Risk-Based Corrective Action (RBCA) Work Plan meeting held on 12 March 1998. He said three or four residents attended, as well as most of the RAB members. He has received one set of written comments on the Work Plan. He plans to submit the document to the City Council and RWQCB on 15 May 1998 for review and approval. He noted the RWQCB can only approve the process proposed in the Work Plan.</p>	KMEP	May 15
3.	<p><u>KMEP Update</u> Scott Kilkenny</p> <p><b>Remediation Update.</b> Mr. Kilkenny introduced Tom McLane of KMEP and Don Sandstrom of Geomatrix. They will be working together to review the remediation system and look for ways to improve it.</p> <p>Mr. Sandstrom said the remediation system in the South Central plume area recovered 8,000 gallons of free product last quarter and pumped and treated almost one million gallons of water. It has pumped and treated 10 million gallons of water total.</p> <p>No free product was measured in any of the wells in the 24" Block Valve area. Benzene was detected in some wells that previously contained product. In general, concentrations are reducing.</p> <p>Mr. Sandstrom discussed the status of the plumes. There have been changes due to drawdown from the Westside Barrier System. They cut back on flow of the Westside Barrier wells near the South Central plume. The TPH (total petroleum hydrocarbons) plume is about the same as last sampling. Benzene is about the same in the South Central</p>		

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	<p>area. The 1,2-DCA (1,2-dichloroethane) numbers look good. KMEP and DEO-LA have decided to install a new offsite well on Excelsior near Ibex to fill in data on the northwest area of the 1,2-DCA plume. The well will be called WCW-14. MTBE (methyl tertiary butyl ether) looks similar to last time. Some changes may be due to new sample locations.</p> <p>Mr. McLane said they hope to increase free product recovery in 1998. To do this, they may redevelop existing wells to work out some biofouling. Mr. Kilkenny said he is concerned about the free product thickness. He wants to investigate new remediation opportunities in the South Central area to deal with the issue.</p> <p>Mr. Kilkenny distributed copies of his presentation. He will mail copies of the figures used in the presentation next week.</p> <p><b>Pressure Testing.</b> Mr. Kilkenny discussed the field notes on the pressure testing conducted in 1991. He distributed a letter from the RWQCB to KMEP and KMEP's response regarding the pressure testing notes. He said that the majority of leaks in the field notes were pressure losses inside the pipes. They isolated each section of pipeline in 1991, pressured up and then watched for any leaks. There were also leaks into the sumps. Gaskets were replaced. However, they did not find any evidence of active leaks into the environment.</p> <p>Lt Col Hover asked if there were no leaks in 1991, and no leaks in 1998, where did the MTBE come from? Mr. Kilkenny said he should have information on that at the next meeting. The current pressure testing should be completed in two weeks. The third party certifier is a company called AH&amp;S from Long Beach. The results will be presented at the next RAB meeting.</p> <p>Mary Jane McIntosh requested the report be distributed as far in advance of the meeting as possible to allow adequate time for review. Laurie Smith asked for KMEP to account for all historical spills. Jill Anderson asked for a copy of RWQCB's response to the KMEP letter.</p> <p><b>Semiannual Monitoring Event.</b> Mr. Kilkenny said they are reviewing the list of wells to be included in the next semiannual monitoring event. KMEP has identified a few</p>	<p>KMEP</p> <p>KMEP</p> <p>KMEP</p>	<p>April 30</p> <p>July 30</p> <p>July 30</p>

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	<p>wells they will call "sentry wells" to monitor quarterly or more often to get more data on the cleanup progress. The list of sentry wells will presented for approval at the next meeting. He said the current remediation system is operating at 50 gallons per minute (gpm). They are permitted for 100 gpm, so there is room to increase capacity.</p> <p>Bob Hoskins requested a check on the equipment to make sure it is not intrusive to the environment. He has received complaints of smoke and noise. Mr. Kilkenny will look into it and respond.</p>	<p>KMEP</p> <p>KMEP</p>	<p>July 30</p> <p>July 30</p>
4.	<p><u>DEO-LA Update</u> Neil Irish, FD-GTI</p> <p><b>Central Area Remediation.</b> Mr. Irish distributed a graph showing gallons of hydrocarbons and free product recovered in the central area. They recovered 83,000 gallons of TPH, 43,000 gallons of which was liquid phase. The rate of recovery is about 1,000 gallons per month. They think the wells have accumulated bioslime, so they are looking to redevelop the wells by scrubbing them out with chemicals.</p> <p>Regarding free product recovery, the thermal oxidizer has been off-line for about two weeks. A heat shield failed around the exhaust area. They are lining up a contractor to replace it.</p> <p><b>Semiannual Monitoring Event.</b> Mr. Irish distributed a list of wells to be sampled. The sampling is scheduled to begin on 18 May 1998. He said he reviewed the list of wells first distributed to the RAB in 1996 and found there has been little change in those sampled. Some wells have been added due to RAB requests.</p> <p>Mr. Irish said DEO-LA and KMEP have agreed to use a new format for the analysis of TPH. Instead quantifying TPH as many different standards, DEO-LA and KMEP will both use the same methods: for purgables, they will quantify TPH as gasoline; for extractables, they will quantify TPH as JP-4. In addition, Mr. Kilkenny announced KMEP will begin using the same laboratory as DEO-LA. This way, they can make sure they are comparing apples to apples throughout the site. Mr. Kilkenny also said KMEP has agreed to the City of Cerritos' request to add more deep aquifer wells.</p>	<p>DEO-LA &amp; KMEP</p>	<p>May 18</p>

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	<p>Mr. Irish said that new well WCW-14 will be created in response to RAB and City requests. It will be in place by the next meeting.</p> <p>A discussion on bioremediation and biofouling ensued. Mr. Irish said they know there is a lot of bioremediation going on at the site, but if there is too much it hinders free product recovery. He said they are looking into air sparging by blowing air into the ground through the horizontal wells.</p>	DEO-LA & KMEP	July 30
5.	<p><u>Set Date and Agenda for Next Meeting</u></p> <p>A motion regarding the next meeting date was approved without opposition. The next regular RAB meeting will be held <b>Thursday, July 30, 1998, at 6:30 p.m.</b> in the Norwalk City Hall Lower Level Conference Room.</p>	All	Meeting July 30
6.	<p><u>Public Comment Period</u></p> <p>Ms. Smith discussed her concerns about activity in and sampling of specific wells. Mr. Sandstrom and Mr. Irish noted they have slowed down pumping of the Westside Barrier wells because they need to find a balance with pumping in the South Central and Central areas.</p> <p>Mr. Kilkenny asked for comments on the proposed wells for the next sampling event no later than 11 May 1998.</p> <p>A motion to adjourn the meeting was approved without opposition. Lt Col Hover adjourned the meeting at 8:25 p.m.</p>	All	May 11