

FINAL Meeting Minutes

<p>Meeting Subject: Norwalk Tank Farm Restoration Advisory Board (RAB) Quarterly Meeting</p>	<p>Meeting Date: <u>30 July 1998</u> Meeting Time: 6:30 p.m. Meeting Place: City of Norwalk Norwalk Arts & Sports Complex</p>
RAB, PROJECT TEAM, AND OTHER ATTENDEES	
<p><u>RAB Community Members</u> D. Caughey E. Garcia B. Hoskins M. McIntosh (Co-Chair) W. Miller J. Rifilato L. Smith W. Sterner M. Young</p>	<p><u>Other Members</u> 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><u>Other Attendees</u> J. Casso (Congressman Torres) T. Devoy (City of Norwalk) A. Holbrow (Geomatrix) T. McLane (KMEP) A. Mendoza (Congressman Torres) D. Sandstrom (Geomatrix) J. Trani (DEO-LA) E. Veloz (Citizen) T. Whyte (WC) D. Zemo (Geomatrix)</p>	<p>DEO-LADefense Energy Office-Los Angeles DESC.....Defense Energy Support Center FD-GTI.....Fluor Daniel GTI KMEP.....Kinder Morgan Energy Partners OCCS.....Offsite Chemicals Cleanup Subcommittee RBCARisk-Based Corrective Action RWQCBRegional Water Quality Control Board WC Woodward-Clyde WRD.....Water Replenishment District of Southern California</p>
<p><u>Absentees</u> J. Pellam</p>	
<p><u>BACKGROUND</u> 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>	

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Item	Description of Discussion and Action Items	Responsible Party	Due Date
1.	<p><u>Introduction</u> Scott Kilkenny, KMEP, Meeting Chair</p> <p>The meeting was called to order at 6:50 p.m. Scott Kilkenny.</p> <p>Mary Jane McIntosh presented a motion to accept the minutes from the 23 April 1998 meeting. The motion was seconded by Laurie Smith. The motion passed without opposition. Bob Hoskins requested the minutes identify who makes motions and who seconds.</p>	N/A	
2.	<p><u>KMEP Update</u> Scott Kilkenny</p> <p>Remediation Update. Don Sandstrom of Geomatrix said they are plugging away at the south-central plume. There are four more wells online south of the property border. These new wells are the result of permission granted from property owners. Approximately 9,000 gallons were removed in the last quarter through vapor extraction. Approximately 0.8 million gallons of water has been pumped and treated in the last quarter. Approximately 130 gallons of liquid fuel was recovered in that period. KEMP replaced five of the recovery wells with new wells to improve product recovery. These wells are MW-SF-1, MW-SF-3, MW-SF-6, GMW-9, and GMW-24. The document entitled "1998 Remediation and Site Monitoring Workplace" was distributed, but Figure 1 was missing. The figure will be distributed later by KMEP.</p> <p>Mr. Sandstrom showed a graph of the remediation progress. They are recovering about 8,000 to 10,000 gallons of vapor per quarter. The product recovery trend line is nearly flat, which they are trying to address with the five new wells. It may be due to biofouling. When drilling the new wells, they were unable to detect if biofouling was the cause. The water pumping rates have slowed due to reduction of the rate of the Westside Barrier System. The current trend will probably be a comfortable flow rate. They are trying to find a proper pump rate to balance the south-central system and the Westside Barrier System.</p> <p>Mr. Hoskins asked if there could be some naturally occurring microbes attacking the wells. Mr. Sandstrom said yes, that would be good to see, although too much would be counter-</p>	KMEP	8-3-98

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	<p>productive. They are looking to find the best environment to grow the bacteria.</p> <p>Ms. Smith asked why it seems that free product is being pulled the wrong way. Mr. Sandstrom said he did not see significant movement of free product. Ms. McIntosh pointed out that they need to make gradual changes when adjusting the remediation systems. Mr. Sandstrom added that this is because of limits of the system, response in water levels, and gradient directions. Hugh Marley noted that adjusting remediation systems is typical of all sites, not just the Tank Farm. Adjusting will probably be needed again in the future.</p> <p>Semiannual Monitoring Event. The latest sampling event was completed in May. They sampled approximately 80 wells and gauged approximately 130 wells. There was mixed news at the 24" Block Valve. For the second consecutive sampling event, no free product was measured. TPH and BTEX were generally the same, decreasing slightly. MTBE was detected in significantly more wells. It was detected for the first time in four wells. However, they used a lower detection limit, so they are not sure if the plume is expanding. They will monitor it carefully. They plan on decreasing the air sparging to inhibit "mounding."</p> <p>There was also a discussion of the single hit of MTBE in an offsite well. It could be from laboratory contamination or another source. It most certainly is not from the Tank Farm. The laboratory test used was the 8260 method. Ms. McIntosh asked for a written response to the increase in MTBE in wells GMW-39, GMW-O-18, GMW-O-16, GMW-36, and MW-8. She also asked if the increase was due to the heavy rains this year. Mr. Sandstrom said many changes can be attributed to changes in the water table. They are looking into the effects of seasonal changes in the water level. Lt Col Hover said they have a site in Washington that has an eight foot change in the water table due to the tides. Dr. Landolph asked if workers were exposed to contaminants in the remediation system. Mr. Sandstrom said no, that would be unusual.</p> <p>Mr. Sandstrom distributed a list of wells that will be monitored quarterly and a list of wells to be sampled monthly for product thickness in the south-central area.</p>	KMEP	8-13-98

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	<p>There has been a little change of TPH in the southeast area. On the west, there has been a little reduction in the size of the TPH plume. Benzene levels were similar to previous monitoring events. Benzene was detected in well MW-14, which is isolated from the benzene plume. They will look at this carefully. Concentrations of 1,2-DCA look similar to previous events. Mr. Sandstrom also said that two new wells (EXP-4 and EXP-5) have been installed in the deep aquifer to the northwest and southeast of the site to monitor background levels.</p> <p>Tom McLane discussed enhancements to the remediation systems. They are trying to fine-tune the system to speed up the remediation. The five wells in the south-central plume have been drilled out. They used new packing material and hope they will not encounter more biofouling. They are evaluating the technology of in-well product recovery through a pilot project. They are looking at options for expanding treatment capacity. They will also begin use of a mobile system for product removal in the third quarter.</p> <p>Lt Col Hover discussed the use of tree planting for remediation (phytoremediation) at San Pedro. Lt Col Hover said he will give a detailed report on it at the next meeting. DESC and KMEP are evaluating its use at the Tank Farm.</p> <p>A guest asked what are the dangers from the contamination that is 30 feet below ground. There is none according to health risk assessment, but the RBCA Plan will be evaluating it again.</p> <p>RBCA Update. The Risk-Based Corrective Action (RBCA) Workplan was submitted to the RWQCB for review. KMEP has already initiated some of the items. The OCCS will be given comments from the RWQCB. The OCCS will next meet in October and most likely have a couple of conference calls prior to that. The schedule is tentatively as follows:</p> <p style="margin-left: 40px;">Perform RBCA Tasks Sept. 30 OCCS Meeting Oct. Summarize Results Nov. Review Report/RAB Dec. Implementation Jan.</p>	OCCS	10-98

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	<p>Pressure Testing. KMEP sent a letter to the RWQCB summarizing all recorded spills. The pressure testing was completed and verified by a third party certifier. The system passed without any leaks detected. Mr. Kilkenny distributed copies of the results, but he said they were hard to understand. Therefore, he proposed a site tour to learn more about pressure testing.</p>	All	TBA
3.	<p><u>DEO-LA Update</u> Joe Trani, DEO-LA</p> <p>Central Area Remediation. Mr. Trani distributed a graph of hydrocarbon removal. Approximately 3,300 gallons of free product were recovered in the last quarter. However, the system has been shut down while waiting for parts for the thermal oxidizer. The parts came in yesterday, and the system should be in operation by the end of the week. In addition, DESC has funded Fluor Daniel GTI to optimize the remediation system.</p> <p>New Monitoring Wells. The RWQCB has approved the plan for 5 new monitoring wells. One well, WCW-14, will be offsite to the west to monitor 1,2-DCA. The other four will be in the northeast area of the terminal.</p> <p>Closure's Effect on Remediation. Lt Col Hover addressed the proposed closure of DFSP Norwalk and its effect on remediation. He distributed and read part of a letter from Col Joseph T. Thomas, DESC Commander, to Congressman Esteban Torres. The letter read in part "I can assure you the Department of Defense will fully remediate any contaminated product at the government-owned Norwalk Terminal consistent with applicable state and local requirements." Lt Col Hover said they are committed to closure, and closure is dependent on construction of KMEP's new pipeline.</p>	N/A	
4.	<p><u>Set Date and Agenda for Next Meeting</u></p> <p>The next regular RAB meeting will be held Thursday, October 29, 1998, at 6:30 p.m. in the Norwalk City Hall Lower Level Conference Room.</p>	All	Meeting Oct 29

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5.	<p><u>Public Comment Period</u></p> <p>Ms. McIntosh noted the RAB has been together for over three years with little turnover. She thanked everyone for their participation. Ms. Smith stated she was concerned that the plume map has had little change. Lt Col Hover said that since there is no longer any contamination source, the facility is getting cleaned. He noted that remediation is a long process, and the RAB should not get caught up on small differences in concentration numbers. John Rifulato said they received no complaints at all during the truck loading operations, which recently concluded after nine months.</p> <p>Mr. Hoskins made a motion to adjourn the meeting. The motion was seconded by Ms. McIntosh. The motion passed without opposition. Mr. Kilkenny adjourned the meeting at 8:58 p.m.</p>	N/A	