

FINAL

Meeting Minutes

Meeting Subject: Norwalk Tank Farm Restoration Advisory Board (RAB) Quarterly Meeting	Meeting Date: <u>26 October 2000</u> Meeting Time: 6:30 p.m. Meeting Place: Norwalk Arts & Sports Complex
RAB, PROJECT TEAM, AND OTHER ATTENDEES	
<u>RAB Community Members</u> E. Garcia M. McIntosh (Co-Chair) J. Rifilato W. Sterner	<u>Other Members</u> J. Anderson (City of Norwalk) R. Babel (City of Cerritos) S. Kilkenny (KMEP) Dr. Landolph (OCCS) A. Townsend (RWQCB) Lt Col Wilson (DESC-LA)
<u>Other Attendees</u> A. Aasmaa (GSA) D. Alsawaf (IT Corp.) A. Holbrow (Geomatrix) J. Jefferson (KMEP) Mayor Kelly (City of Norwalk) M. Klug (HQ AFRC/CEVX) A. Mendez (GSA) K. Olowu (DESC) P. Rogers (DESC) B. Ruscitto (GTI) J. Trani (DESC-LA) T. Whyte (URS) Mrs. Wilson T. Winkler (Cerritos citizen) C. Yamane (Geomatrix)	DESC-LA.....Defense Energy Support Center- Los Angeles GSA.....General Services Administration GTI.....Groundwater Technology, Inc.; a wholly- owned subsidiary of IT Corporation KMEPKinder Morgan Energy Partners OCCSOffsite Chemicals Cleanup Subcommittee RBCA.....Risk-Based Corrective Action RWQCB.....Regional Water Quality Control Board URS.....URS Corporation WRDWater Replenishment District of Southern California
<u>Absentees</u> D. Caughey B. Hoskins J. Leserman (WRD) W. Miller M. Young	
<u>Not Attending</u> Dr. Duran (OCCS)	
<u>BACKGROUND</u> DESC-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.	

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Item	Description of Discussion and Action Items	Responsible Party	Due Date
1.	<p><u>Introduction</u> Lt Col Edward Wilson, Commander, DESC-LA, Meeting Chair</p> <p>Lt Col Edward Wilson called the meeting to order at 6:35 p.m. and had the attendees introduce themselves.</p> <p>Lt Col Wilson asked for comments on the minutes of the July 27, 2000 meeting. Tim Whyte said one change that Lt Col Wilson had found was on page four, which now correctly reads: “Ms. McIntosh said she was concerned about the steady increase of TPH, 1,2-DCA, and MTBE in that area.” Wanda Sterner made a motion to accept the minutes as amended. Eugene Garcia seconded. The motion passed without opposition.</p>	N/A	
2.	<p><u>RBCA Update</u> Jill Jefferson, KMEP</p> <p>Ann Holbrow discussed the Risk-Based Corrective Action documents that were sent to the RAB members recently. One contained changes in response to agency comments that are to replace pages in the RBCA Report. The second was the sensitivity analysis.</p> <p>Mary Jane McIntosh asked for a motion to approve the RBCA Report and submit it to RWQCB for approval. Mr. Garcia motioned to accept the Report, and John Rifilato seconded. The motion passed without opposition.</p>		
3.	<p><u>KMEP Update</u> Jill Jefferson, KMEP</p> <p>Remediation Update. Ms. Jefferson said that KMEP’s remediation systems have operated for approximately 28,100 hours since startup in September 1995. They have 16 onsite and 7 offsite vapor extraction wells online in the south-central plume area and two vapor extraction wells plus air sparge trenches online in the 24-inch valve area. Approximately 337,300 gallons equivalent of fuel has been removed from the soil and destroyed by thermal oxidation. Approximately 20,500 gallons were removed since the July RAB meeting.</p> <p>There are five product/extraction wells online in the south-central plume area. Pumps in wells GMW-O-21 and MW-O-2 are still disconnected due to the development of the Chang property. The pumps will be reconnected when the</p>		

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1	<p>landscaping is finished. There are two product/groundwater wells online in the 24-inch valve area (GMW-O-15 and GMW-O-18). Eight West Side Barrier wells are in operation (not including the DESC wells).</p> <p>Approximately 18.4 million gallons of water have been pumped and treated by the south-central and 24-inch valve systems, including 0.5 million gallons since the July RAB meeting. Approximately 4.4 million gallons of water have been pumped and treated by the enhanced West Side Barrier treatment system since startup, including 0.9 million gallons since the July RAB meeting. This equals approximately 22.8 million gallons of water pumped by all systems, including 1.4 million gallons since the July RAB meeting. Approximately 8,735 gallons of liquid fuel has been recovered, including 50 gallons since the July RAB meeting.</p> <p>24-inch Valve Area. Well GMW-O-18 was converted to an extraction well. It came online on October 23, 2000. A piezometer was installed in the area to meter the hydraulic influence of pumping of well GMW-O-15 and GMW-O-18. This should help to get better capture and increase mass removal. There is only a small amount of product in the area. They are making progress.</p> <p>South Central Plume Area. KMEP is reviewing existing information to evaluate different pumping schemes. The objective is to extract more in the central plume to prevent increased concentrations in the West Side Barrier wells. They hope to finish the evaluation by the end of the month and have changes implemented by the end of the year. They will give an update at the January RAB meeting.</p> <p>Sentry Well Monitoring Event. Wells WCW-08 and WCW-13 were added to the August 2000 monitoring of the 11 sentry wells plus the 5 Exposition Aquifer wells (EXP-1 through EXP-5). Chemical concentrations in the sentry wells were similar to previous events with the exception of concentrations of MTBE and TPH that have increased in some wells close to the barrier well extraction system. No chemicals were detected in the EXP wells.</p> <p>Wells WCW-08 and WCW-13 are offsite in the northwest portion of the plume area. At well WCW-08, 1,2-DCA, MTBE, and TPH were detected in the May 2000. The MTBE detection was not reproduced in the August sampling. At well WCW-13, 1,2-DCA was detected in the</p>	KMEP	1/26/01

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	<p>May sampling. It was not reproduced in the August sampling. Since these detections were not reproducible and were on the fringe of the plume, and as long as increasing concentrations are not detected, it shows the plume is stable. Mr. Garcia said there was not enough evidence to conclude that the plume is stable. Ms. McIntosh said she would like these two wells sampled regularly to be sure MTBE is not increasing. Ms. Jefferson said the RWQCB asked them to review the 24-inch Valve area and add these wells to the sampling list. Ron Babel asked if they were also looking at water levels, since changing levels could effect MTBE detections. Ms. Jefferson said yes, they are looking at water levels, historical trends, and background information.</p> <p>NPDES Permit Modification. KMEP had exceeded the TDS, sulfate, and chloride in their remediation systems' NPDES-permitted effluent. However, the chemicals occur naturally at higher levels than the permit allowance. They reviewed California and federal codes for lowering effluent limitations. They found that since the Board had made a technical mistake on the original permit, they could legally receive a modified permit with a lower effluent limitation.</p> <p>Questions from Previous Meeting. KMEP has one pipeline that is intrastate, a 16-inch line from Watson to Mission Valley. They also have two interstate lines, a 16-inch and a 24-inch that travel to Nevada or Arizona.</p> <p>KMEP has not estimated the volume of product released, because they do not have information on number and volumes of releases. Mr. Kilkenny said this was because most releases occurred in the 1970s and 1980s, and record keeping was not as sophisticated then as it is today.</p> <p>Ms. Jefferson said the phytoremediation trees are looking good and have doubled in size. They do not think they have reached the groundwater yet, but they might by next summer. They are seeing some nutrient depletion.</p>	KMEP	1/26/01
4.	<p><u>DESC-LA Update</u> Joe Trani, DESC-LA</p> <p>Central Plume Remediation System Update. Joe Trani said that since April 1996, approximately 124,973 gallons of hydrocarbons have been recovered and destroyed, including 54,902 gallons of free product and 68,805 from soil vapor extraction. Approximately 26.6 million gallons of water have been pumped and treated. Approximately 1,266 gallons of</p>		

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	<p>dissolved phase have been recovered.</p> <p>The free product recovery rates are leveling off, but soil vapor extraction rates are increasing. This is believed to be due to the air sparging, so that is good news.</p> <p>Two Central Plume free product figures (maps) were distributed to all attendees. Although the thickness of the free product plume was over 10 feet in one area in 1996, as of September 2000 the average plume thickness has been reduced by 84 percent. In 1996, the plume was almost 315,000 square feet in area. Presently, it is only approximately 161,000 square feet in area, a 49 percent reduction. The product thickness was measured with the total fluid (TF) wells, which do not have seasonal variations and are continually maintained.</p> <p>Mr. Babel asked which tanks still contain fuel. Mr. Rifilato said 9 out of 12 tanks have fuel. Two of the outer perimeter tanks are empty. Mr. Trani said they are already depleting the system to transfer operations to Watson Station.</p>		
5.	<p><u>Overview of Meeting with Congresswoman Napolitano</u> Lt. Col Edward Wilson; Michael Klug, U.S. Air Force; Paul Rogers, DESC; Kola Olowu, DESC</p> <p>Lt Col Wilson said a meeting was held with Congresswoman Napolitano to update her on the progress of the remediation and the plan to remove fuel, clean the tanks, and transfer the property. They plan to have another meeting with the Congresswoman in January or February 2001. The team is trying to give as much information as possible to her and to the City so they are aware of issues as they make their reuse plans.</p> <p>The tanks at Carson are completed and being tested and will gradually be filled with product from Norwalk. Once empty, the Norwalk tanks will be cleaned. DESC hopes to have the fuel removed, tanks cleaned, and property turned over to caretaker status by May 2001. They are gathering information on how to get the most “bang for the buck” in demolition of the tanks.</p> <p>Lt Col Wilson introduced Alfonso Mendez from the General Services Administration (GSA). GSA is a new part of the team to help expedite the land transfer process. Mr. Mendez said they have some new authority that should help with the</p>	N/A	

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	<p>land transfer.</p> <p>Paul Rogers said DESC is still investigating the possibility of removing one or two tanks to help with the remediation process. They may have to wait and do a blanket tank removal at a later date. They still want to perform an investigation under some of the tanks once they are removed.</p>		
6.	<p><u>Set Date and Agenda for Next Meeting</u></p> <p>The next quarterly RAB meeting will be held Thursday, January 25, 2001, at 6:30 p.m. in the Norwalk Arts & Sports Complex. The agenda is to include an update of the fuel transfer from Norwalk to Carson, quarterly monitoring update on wells WCW-08 and WCW-13, and an update of Ms. McIntosh's November trip to St. Louis for a remediation conference.</p>	All	1/25/01
7.	<p><u>Public Comment Period</u></p> <p>Ms. McIntosh moved to adjourn the meeting. The motion was seconded by Ms. Sterner and passed without opposition. Lt Col Wilson adjourned the meeting at 7:45 p.m.</p>		