

FINAL

Meeting Minutes

Meeting Subject: Norwalk Tank Farm Restoration Advisory Board (RAB) Quarterly Meeting	Meeting Date: <u>27 April 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> D. Caughey E. Garcia B. Hoskins M. McIntosh (Co-Chair) W. Miller J. Rifilato W. Sterner	<u>Other Members</u> J. Anderson (City of Norwalk) J. Hu (for A. Townsend--RWQCB) Lt Col Wilson (DESC-LA) DESC-LA....Defense Energy Support Center- Los Angeles GTI.....Groundwater Technology, Inc.; a wholly- owned subsidiary of IT Corporation KMEPKinder Morgan Energy Partners OCCSOffsite Chemicals Cleanup Subcommittee RBCA.....Risk-Based Corrective Action RWQCBRegional Water Quality Control Board URSGWC ...URS Greiner Woodward Clyde WRDWater Replenishment District of Southern California
<u>Other Attendees</u> G. Coppola (Geomatrix) A. Holbrow (Geomatrix) J. Koopman (Rep. Napolitano) M. Koury (DESC-LA) E. Lehto (March ARB) L. Oppenheim (DESC) W. Sanchez (Senator Escutia) M. Sandon (KMEP) J. Trani (DESC-LA) T. Whyte (URSGWC)	
<u>Absentees</u> R. Babel (City of Cerritos) S. Kilkenny (KMEP) J. Leserman (WRD) M. Young	
<u>Not Attending</u> Dr. Duran (OCCS) Dr. Landolph (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.	

FINAL

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1.	<p><u>Introduction</u> Mary Jane McIntosh, Community Co-Chair, Meeting Chair</p> <p>Mary Jane McIntosh called the meeting to order at 6:34 p.m. Ms. McIntosh welcomed William Sanchez from Senator Escutia's office. She welcomed Jeffery Hu, attending for Ana Townsend of the RWQCB. Mr. Hu is currently a member of the San Pedro DFSP RAB. She also announced Jill Jefferson and Scott Kilkenny could not attend tonight's meeting due to other commitments.</p> <p>Michael Koury introduced the new DESC-LA Commander, Lt Col Edward Wilson, who was most recently was at Headquarters in Fort Belvoir. Mr. Koury also introduced Lee Oppenheim who was attending the meeting from the Bulk Fuels division of Headquarters.</p> <p>Ms. McIntosh asked for comments on the minutes from the January 27, 2000, RAB meeting. Bill Miller moved to accept the minutes without changes. Bob Hoskins seconded. The motion passed without opposition.</p> <p>Tim Whyte announced that the library has requested us to remove some of the older documents from the information repository due to space limitations. Mr. Whyte said we could remove the older documents and leave an index and point of contact for the public to view the older documents. Ms. McIntosh requested a copy of the index be included in the next mailer. Mr. Hoskins requested a complete set of documents be kept somewhere for historical records. Ms. Anderson said the City could assist in housing a set of documents.</p>	DESC	7/27/00
2.	<p><u>RBCA Update</u> Ann Holbrow, Geomatrix Consultants</p> <p>Ann Holbrow reported on the progress of the evaluation of comments received from the Regional Water Quality Control Board (RWQCB) and the Department of Toxic Substances Control (DTSC) on the Risk-Based Corrective Action (RCBA) report. The comments were received in January. They met with the RWQCB and DTSC on March 1, 2000 and with the Offsite Chemicals Cleanup Subcommittee (OCCS) on March 2, 2000 to discuss the comments.</p>	N/A	

FINAL

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	<p>Ms. Holbrow said the agencies did a very thorough job of review. There were three types of comments: 1) typographical errors; 2) further explanation needed; and 3) sensitivity analysis comments. They worked out some differences of opinion and some misunderstandings. They added some language to the report to aid those who were not familiar with the project background. The sensitivity analysis comments were based on the assumptions made that are required in a RBCA report.</p> <p>Next, the RWQCB will complete review of the data by mid-May. KMEP hopes to complete a draft response to the comments by the end of June. Ana Townsend said the report looked good after a cursory review, but she will be looking more closely at it in the next couple of weeks. Ms. Holbrow said this review process is mainly dotting the i's and crossing the t's. The success of the report is the identification of the cleanup goals and the recommendations that have already been implemented, such as the West Side Barrier System.</p>		
3.	<p><u>Tank Farm Closure Update</u> Mark Sandon, KMEP, and Joe Trani, DESC-LA</p> <p>Mark Sandon said the construction of three new tanks for DESC-LA is in progress at Watson Station in Carson. They are currently working on the foundation and plan to lay the bottom steel and iron work starting May 8, 2000. It will take 14 weeks to complete construction, which would be mid-August. Then they will perform testing, and then the tanks should be ready to come online in October. Mr. Hoskins asked when performing testing, such as pressurization, if they find any problems, could that push the October date back? Mr. Sandon said yes, it could.</p> <p>Joe Trani said that 90 to 120 days after completion of the tanks, DESC vows to suspend operations at Norwalk and clean and pig their pipelines. He does not know when the Norwalk tanks will be taken down. The Air Force owns the Norwalk Tank Farm, so they will be responsible for demolition the tanks.</p> <p>Ms. McIntosh said that Congresswoman Napolitano is working to resolve the issue. Gene Garcia said that looking at the track record of the Air Force at other sites, we are in for a big wait. Ms. Anderson said she spoke to a representative of Congresswoman Napolitano. The</p>		

FINAL

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	<p>Congresswoman has been keeping an eye on things and receiving updates from the Air Force. Things are moving as planned and should be completed in a timely fashion. James Koopman said that Norwalk is the sole issue of which the Congresswoman's Chief of Staff is responsible.</p> <p>Ms. Anderson said this closure update is brought before the RAB because it has an impact on the remediation. Ms. McIntosh said that at the last meeting, Joe Trani said they would look at other cleanup technologies after the tanks are removed. Eric Lehto said they may have to remove more than just the tanks, such as the associated pipelines, in order to enhance remediation.</p> <p>Mr. Hoskins asked if KMEP and DESC would both still have pumping stations at Norwalk. John Rifilato said it would only be KMEP, but it would probably not be a pumping station, just an easement along the alley. Mr. Hoskins asked if there would be new pipelines installed. If not, we may still have the possibility of leakage. Mr. Garcia noted that this issue was also brought up during planning for the new 16-inch pipeline, but there was no response. Mr. Sandon said he was not sure and would pass the question on to Jill Jefferson. Ms. McIntosh asked for Mr. Sandon to take the comments to Jill Jefferson and Scott Kilkeny and have them provide written responses. Mr. Rifilato noted that since KMEP has interstate pipelines, they are not subject to the more stringent California testing regulations.</p>	KMEP	7/27/00
4.	<p><u>KMEP Update</u> Greg Coppola, Geomatrix Consultants</p> <p>Remediation Update. Greg Coppola discussed KMEP's remediation systems status. He said that the remediation systems were placed in operation in September 1995 and have operated for approximately 25,000 hours. Results were similar to last meeting's results. The system has been consistent for about the last year. The only change was due to development on the J. D. Chang property. One vapor extraction well and two groundwater remediation wells were taken off line last week. Once Mr. Chang has completed the final grading, the wells can be put back on line.</p> <p>Approximately 300,000 gallons equivalent of fuel has been removed from the soil and destroyed through soil vapor extraction. The 24-inch valve wells are operating and checked consistently. The West Side Barrier wells are</p>	N/A	

FINAL

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	<p>operating as they are supposed to as of the last report.</p> <p>Approximately 17 million gallons of water have been pumped and treated in the south-central area. Approximately 2.8 million gallons of water have been pumped and treated by the enhanced West Side Barrier treatment system. Approximately 8,700 gallons of liquid fuel has been recovered.</p>		
5.	<p><u>DESC-LA Update</u> Joe Trani, DESC-LA</p> <p>Central Plume Remediation System Update. Mr. Trani said that since April 1996, approximately 115,571 gallons of hydrocarbons have been recovered and destroyed, including 53,848 gallons of free product and 60,891 from soil vapor extraction. Approximately 89,500 gallons have been biodegraded. Approximately 23 million gallons of water have been pumped and treated. Approximately 739 gallons of dissolved phase have been recovered. The hydrocarbon recovery chart has been kicking up since January, showing the biosparge system is working.</p> <p>Biodegradation Estimation Process. Mr. Trani distributed a two-page handout describing the biodegradation estimation process. The first page describes the main formula and rational, and the second page has the calculations from May 1996 to March 2000. Mr. Trani asked the RAB members to review the handout at home and call him if they had any questions. He did not do the calculations, but will find out any answers if needed.</p> <p>Mr. Trani described the process. He said they injected air into the soil and found that the indigenous bacteria can be stimulated to consume hydrocarbons. The bacteria use oxygen to convert the hydrocarbons (food) into carbon dioxide and water. They collect vapor samples prior to entry into the thermal oxidizer. Then they can determine the oxygen deficit in the subsurface by comparing it to ambient air. For every 1.5 molecule of oxygen consumed, 1 molecule of carbon dioxide is produced. Mr. Trani said this is not an exact scientific calculation.</p>	N/A	

FINAL

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6.	<p><u>Set Date and Agenda for Next Meeting</u></p> <p>The next quarterly RAB meeting will be held Thursday, July 27, 2000, at 6:30 p.m. in the Norwalk Arts & Sports Complex.</p>	All	7/27/00
7.	<p><u>Public Comment Period</u></p> <p>Wanda Sterner read from a study produced in 1991 that said there are up to 32 abandoned wells within ½-mile of the Tank Farm. If these wells were not abandoned properly, they could become a path for contamination to reach the deep aquifer. Ms. Sterner said she asked Councilman Stefenhagen if the wells had been abandoned properly; he was not sure. Ms. McIntosh said she would provide a photocopy of the page to Joe Trani of DESC and Ana Townsend of RWQCB. David Caughey said the well could be from way back when there were a lot of dairies in the area.</p> <p>Mr. Hoskins moved to adjourn the meeting. The motion was seconded and passed without opposition. Ms McIntosh adjourned the meeting at 7:21 p.m.</p>	N/A	