

FINAL

Meeting Minutes

Meeting Subject: Norwalk Tank Farm Restoration Advisory Board (RAB) Quarterly Meeting	Meeting Date: <u>26 April 2001</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 W. Sterner	<u>Other Members</u> R. Babel (City of Cerritos) Lt Col Wilson (DESC-LA) (Co-Chair) 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 RABRestoration Advisory Board RBCA.....Risk-Based Corrective Action RWQCB.....Regional Water Quality Control Board URS.....URS Corporation WRDWater Replenishment District of Southern California
<u>Other Attendees</u> B. Caiazza (March ARB) T. Doszkocs (GSA) T. Devoy (City of Norwalk) K. Hekimian (HVN Environmental) N. Irish (GTI) J. Jefferson (KMEP) A. Mendez (GSA) K. Olowu (DESC) J. O'Neill (March ARB) P. Rogers (DESC) J. Trani (DESC-LA) T. Whyte (URS)	
<u>Absentees</u> J. Anderson (City of Norwalk) S. Kilkenny (KMEP) (Co-Chair) J. Leserman (WRD) J. Rifilato A. Townsend (RWQCB) 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.	

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Item	Description of Discussion and Action Items	Responsible Party	Due Date
1.	<p><u>Introduction</u> Jill Jefferson, KMEP, Meeting Chair</p> <p>Jill Jefferson called the meeting to order at 6:47 p.m. and had guests attending the meeting introduce themselves.</p> <p>Review of Minutes. Ms. Jefferson asked for comments on the minutes of the January 25, 2001 meeting. Wanda Sterner made a motion to accept the minutes without changes. Bill Miller seconded. The motion passed without opposition.</p>	N/A	
2.	<p><u>RBCA Update</u> Jill Jefferson, KMEP</p> <p>Ms. Jefferson said they have not received comments yet from the Regional Water Quality Control Board (RWQCB) or the Office of Environmental Health Hazard Assessment on the Risk-Based Corrective Action (RCBA) Plan report. She will contact Ana Townsend for an update.</p>	N/A	
3.	<p><u>KMEP Update</u> Jill Jefferson, KMEP</p> <p>Remediation Update. Ms. Jefferson showed a figure of Kinder Morgan Energy Partners' (KMEP) treatment systems. She said KMEP has 16 onsite and 7 offsite vapor extraction wells online in the south-central plume area and two vapor extraction wells in the 24-inch valve area. This is the same as the previous meeting. These wells have removed 7,782 gallons of fuel from the soil since the January 2001 Restoration Advisory Board (RAB) meeting and a total of 350,250 gallons since September 1995.</p> <p>For groundwater and free product removal, there are eight groundwater wells in the West-Side Barrier area, five groundwater/product wells in the south-central plume area, and two groundwater/product wells in the 24-inch valve area. Approximately 101,980 gallons of water were pumped from the south-central plume area and 178,239 gallons from the 24-inch valve area since the January 2001 RAB meeting. A total of 19.3 million gallons were pumped from the south-central and 24-inch valve areas and 4.8 million gallons from the West-Side Barrier for a total of 24.1 million gallons removed since September 1995. No free product was removed since January 2001, which is typical for the spring season. Approximately 8,735 gallons of free product have been removed since September 1995.</p>		

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	<p>Mary Jane McIntosh asked if they have seen any significance of the second well that was recently brought online in the 24-inch valve area. Ms. Jefferson said she was not sure and would check. Eugene Garcia asked if they know how much fuel has been removed from the 24-inch valve area. Ms. Jefferson said they are not sure, since the fuel removed is combined into the south-central remediation system. The release area is bigger than they originally thought, so that is why they put in the second well. She also said that their technicians have been checking the product recovery canisters monthly, and they have not seen anything.</p> <p>Sentry Well Monitoring. Fourteen Sentry wells, five Exposition wells, and wells WCW-08 and WCW-13 were sampled in February 2001. Chemical concentrations were similar to previous sampling events. No chemicals were detected in the Exposition wells. No chemicals were detected in WCW-13, the well farthest west. WCW-13 has shown sporadic concentrations of BTEX (benzene, toluene, ethylbenzene, and xylenes) and 1,2-DCA (1,2-dichloroethane) in the past, which is expected since it is on the edge of the plume. TPH (total petroleum hydrocarbons) as fuel product was detected in WCW-08, which was consistent with previous events. No BTEX, 1,2-DCA, or MTBE (methyl tertiary butyl ether) were detected in WCW-08. Neil Irish said this well has consistently risen and decreased in concentrations seasonally. They can not pinpoint it to a source, so it could be a result of an offsite source. It may be a result of a leak in a storm drain near the intersection of Excelsior Drive and Norwalk Boulevard.</p> <p>Ms. Jefferson said that a question came up at the last meeting about possible plume expansion to the south. There was a hit of MTBE in November in a well that had previously been non-detect. She does not have an explanation for it. They will sample it again in May. The results from sampling of wells GMW-O-2, GMW-O-3, and GMW-O-4 do not show the plume moving south.</p>	KMEP	8/2/01
4.	<p><u>DESC-LA Update</u> Kola Olowu, DESC</p> <p>Status of Closure. Lt Col Wilson said the facility closure process is going very well. Ten of the 12 tanks have been emptied and cleaned. The remaining water and residue from the pigging of the lines will be taken out by vacuum trucks. They will send out a notice to the community regarding the</p>	N/A	

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	<p>trucks. They are going to use vacuum trucks because the pipelines are already clean, and they do not want to send the dirty water through them. Mr. Miller asked if the fumes from the vacuum trucks would be filtered. Mr. Irish said yes, the trucks have carbon canisters to prevent fumes from being released.</p> <p>Central Plume Remediation System Update. Kola Olowu introduced himself. He is from Defense Energy Support Center (DESC) in Fort Belvoir. He introduced Paul Rogers, his supervisor. Neil Irish of IT Corporation, the environmental consultant, was there as well to provide information on the remediation. Mr. Olowu said there are two major sampling events per year, and the last one was conducted in November. This quarter, three wells were sampled in March: MW-13, GMW-47, and GMW-57. GMW-58 had free product and therefore was gauged but not sampled. Wells MW-13 and GMW-47 showed non-detect for TPH as fuel product. GMW-57 showed TPH as fuel product at 1,800 parts per billion (ppb). All wells with free product are gauged biweekly. Wells GMW-57, GMW-58, and GMW-59 are alternately under remediation with the product recovery trailer. Mr. Irish said the trailer is used in the northwest area. The trailer is placed on a single well in the area to recover free product. It is a low-cost alternative they are using while they determine whether the area should be hooked up to the main remediation system. Mr. Irish said recovery wells were viewed a couple of weeks ago after the remediation system had been shut down for four or five days. Only one well on the entire site had free product, due to the springtime rising water table. It should increase in the summer, but this shows that they are making real progress.</p> <p>Mr. Olowu said that since April 1996, the central plume remediation system has recovered and destroyed approximately 133,515 gallons of hydrocarbons, including 55,653 gallons of free product and 76,551 from soil vapor extraction. Approximately 30 million gallons of water have been pumped and treated. Approximately 1,311 gallons of dissolved phase hydrocarbons have been recovered. They continue to enhance the system to improve recovery rates. Mr. Irish said they installed two additional recovery wells near well PZ-3. They put in a 5-inch well near tank 80002 and a 5-inch well north of GMW-31 near the Powerine Basin. Next week they will start trenching to connect the new wells to the remediation system. They expect to have the wells online by summer. IT Corporation is also under</p>		

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	<p>contract to clean out the horizontal wells. They will also expand the air sparging system. Mr. Irish said he will meet with Ms. Townsend of RWQCB to discuss these items and a possible assessment of the truck loading area, which has never been investigated. They will also discuss the buried sludge in the southwest area of the facility.</p> <p>Mr. Olowu continued with a chart presenting hydrocarbon and free product recovery since 1996. He also showed a map showing the apparent product thickness of free product in March 2001. This is good news. Thickness was five feet when they started, and now is between two to three feet in two small areas, and one foot or less in the other areas. This means the system is working. They are doing everything to make sure the system is working effectively.</p> <p>Ken Hekimian asked how much of the decline is due to seasonal changes. Mr. Irish said previously they had seen seasonal fluctuations of four to five feet, but now they are seeing only one foot fluctuations. Over the next year or so, we should see more and more of the site map showing no free product. They estimated two years ago that the free product would be completely eliminated by this July.</p> <p>Mr. Miller asked if the buried sludge could contaminate the groundwater. Mr. Irish said aerial photography shows that the sludge is from the 1940s or 1950s. It was most likely deposited there from the tanks, and then sand was placed on top. They have drilled 40 to 50 borings through it and have found no evidence of leaching. The maximum depth is 13 feet, so it is well above the groundwater level. There are some limited levels of hydrocarbons, aromatics, and polyaromatic hydrocarbons (PAHs) in it. Their position now is to leave it in place and place a deed restriction on that area of the property. Bob Hoskins asked what is prohibiting them from digging it up and recycling it. Mr. Irish said it is cost. The area of the buried sludge has been well defined, and it contains approximately 5,000 cubic yards of material.</p>		
	<p><u>Other Business</u></p> <p>Ms. Jefferson discussed KMEP's plan to remove their facilities that will no longer be needed after closure of the Tank Farm. KMEP has appropriated \$200,000 for removal of these facilities. They will start with removing the three main line pumps and the prover. They will probably start in June, and it is expected to take several months. The Control</p>	N/A	

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	Building, some aboveground piping, and some foundations will remain. Benedetta Caiazza asked about KMEP's easement. Ms. Jefferson said they are still trying to determine what easements they will need. They will need to conduct some surveying and possibly realign one of the pipelines. They may also need an easement for the phytoremediation area. Ms. McIntosh asked what was prohibiting removal of the aboveground piping. Ms. Jefferson said it was cost. They only have a budget of \$200,000 to get started.		
5.	<p><u>Set Date and Agenda for Next Meeting</u></p> <p>The next quarterly RAB meeting will be held Thursday, August 2, 2001, at 6:30 p.m. in the Norwalk Arts & Sports Complex. The Community Co-Chair election will be held. All community members interested in running should see Tim Whyte for a Community Co-Chair nomination form. Jill Jefferson announced she is going to be the new KMEP Co-Chair, taking over for Scott Kilkenny.</p>	All	08/02/01
6.	<p><u>Public Comment Period</u></p> <p>Mr. Hoskins moved to adjourn the meeting. The motion was seconded by Ms. McIntosh and passed without opposition. Ms. Jefferson adjourned the meeting at 7:49 p.m.</p>	N/A	