

**FINAL
Meeting Minutes**

<p>Meeting Subject: Norwalk Tank Farm Restoration Advisory Board (RAB) Quarterly Meeting</p>	<p>Meeting Date: <u>24 October 1996</u> Meeting Time: 6:30 p.m. Meeting Place: City of Norwalk Lower Level Conference Rm.</p>
<p>RAB, PROJECT TEAM, AND OTHER ATTENDEES</p>	
<p><u>RAB Community Members</u> D. Caughey E. Garcia B. Hoskins (alt. for Fogle) M. McIntosh W. Miller J. Pellam J. Rifilato L. Smith W. Sterner M. Young</p>	<p><u>Other Members</u> J. Anderson (City of Norwalk) R. Babel (City of Cerritos) J. Chao for J. Leserman (WRD) T. Danaher (SFPP) Dr. Duran (OCCS) Dr. Landolph (OCCS) H. Marley (RWQCB)</p>
<p><u>Other Attendees</u> D. Sandstrom (Geomatrix) J. Trani (DFO-LA) E. Veloz (citizen) T. Whyte (WCFS)</p>	<p>DFO-LA = Defense Fuel Office-Los Angeles DFSC = Defense Fuel Supply Center DTSC = Dept. of Toxic Substances Control GTI = Groundwater Technology, Inc. RWQCB = Regional Water Quality Control Board</p>
<p><u>Absentees</u> D. Fogle</p>	<p>SFPP = Santa Fe Pacific Pipelines WCFS = Woodward-Clyde Federal Services WRD = Water Replenishment District of Southern California</p>
<p><u>BACKGROUND</u></p> <p>DFO-LA and SFPP 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> Mary Jane McIntosh, Meeting Chair</p> <p>Ms. McIntosh called the meeting to order at 6:50 p.m. Laurie Smith made a motion, seconded by John Rifilato, to record the counts of all votes in the minutes. The motion passed unanimously. The minutes of the July 25, 1996, meeting were accepted without changes by a unanimous vote.</p>	N/A	
2.	<p><u>OCCS Academia Member Introduction</u></p> <p>Dr. Joseph R. Landolph is originally from Pennsylvania and went to Drexel University. He received his Ph.D. in Chemistry from Cal Berkeley. He currently is at USC in the cancer research department. He has two children.</p> <p>Dr. David Duran is originally from south central Los Angeles. He received a Ph.D. in Chemistry from Nebraska. He was an Adjunct Professor at Loma Linda University. He currently is a Chemistry Professor in northern California.</p>	N/A	
3.	<p><u>OCCS Meeting Progress Update</u> Tom Danaher, SFPP</p> <p>Mr. Danaher talked about the first OCCS meeting, which was held on October 17, 1996. OCCS Members Gene Garcia, Bill Miller, Dr. Duran, Dr. Landolph, and Hugh Marley (RWQCB) each gave their thoughts on the meeting. The meeting was mostly introductory, discussing facility history and recent remediation.</p> <p>Mr. Danaher next presented some slides that outlined the OCCS mission, process, and goals. He said they made a short task list, which includes: Outline/Table of Contents for the next conference call, scheduled for 10-31-96; and draft work plan by the next OCCS meeting, on November 19, 1996. They will then present the RBCA Work Plan to the RAB and regulators for approval. Mr. Danaher said he hopes Mr. Garcia and Mr. Miller can provide OCCS meeting updates at the RAB meetings. Ms. McIntosh asked if there was a timeline for the additional health risk assessment. Mr. Danaher said not yet, since there will be so many tasks it is too soon to tell.</p> <p>Mr. Veloz asked about the history of the facility, and a short</p>	OCCS Members	<p>Conf. Call 10/31 & 11/14</p> <p>Meeting 11/19 changed to 12/12</p>

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	<p>discussion followed, including why the RAB was formed.</p> <p>Next Ming Young asked Mr. Danaher about the southside property access issue. SFPP agreed to help J.D. Chang get a City permit to build on a vacant lot south of the Tank Farm if SFPP could put some remediation wells on the property. SFPP, Mr. Chang, their attorney, met with Norwalk City officials on August 8, 1996, to discuss the issue. The City is currently reviewing the issue. The City has liability concerns if the property is developed. Mr. Young noted that his group has lost a lot of money on their project.</p>		
4.	<p><u>SFPP Update</u> Tom Danaher</p> <p>Mr. Danaher first gave a summary of the southside cleanup progress. The system includes vapor extraction and liquids pumping and continues to operate efficiently. The 20 vapor extraction wells in use have removed and destroyed approximately 100,000 gallons of fuel from the soil, including approximately 20,000 gallons removed since the July RAB meeting. Approximately 760,000 gallons of water has been pumped and treated. Approximately 4,900 gallons of liquid fuel has been recovered, including about 300 gallons since the July RAB meeting. This number is a little lower than expected; recovery rates have flattened somewhat.</p> <p>The West Side Barrier System is scheduled to go on-line on Friday, October 25. The system will consist of 11 extraction wells, which are expected to pump 40 to 60 gallons per minute. The system will keep the majority of the contamination on the property.</p> <p>The bid package for the 24 inch valve cleanup will go out next week. The system will include air sparging, vapor extraction, and liquids pumping. Don Sandstrom of Geomatrix said that a two week air sparging test of showed a 85 to 90 percent reduction of MTBE content. SFPP would like to get access to Holifield Park to install cleanup wells. Access pending, operation is due to start in December 1996.</p> <p>Work was conducted in May and June for the latest Semi-Annual Monitoring with RAB input on well selection. 112 wells were monitored; of these, LNAPL (product) was found in 27. The lower aquifer was found to have risen 2.5 feet since the last event. TPH was detected in 36 of the 55</p>	N/A	

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	<p>samples analyzed for TPH. BTEX was detected in 36 of the 82 samples analyzed for BTEX. Of the 64 samples analyzed for 1,2-DCA, 22 samples detected 1,2-DCA, relatively unchanged from the last event. The BTEX plume was relatively unchanged since the last sampling event. 50 samples were analyzed for MTBE, and it was detected in 12.</p> <p>The trends in the southeast and south-central areas shows that MTBE is moving towards the West Side Barrier System, where it can be captured. The next event is due to kickoff in November.</p> <p>Ms. McIntosh said she received a copy of the Monitoring Report, and she sent a two-page response to Mr. Danaher. She will share Mr. Danaher's comments with the RAB members when she receives them. A copy of the Report was placed in the Information Repository on October 17. Jing Chao asked if the results were as expected, to which Mr. Danaher replied yes, for the most part.</p> <p>Ron Babel asked why the West Side Barrier System pumps so little. Mr. Sandstrom replied it is because that is all that the underground formation gives up, so they are getting the maximum rates possible at that location.</p> <p>Bob Hoskins asked that since the plume is moving west, is the dust being blown off-site contaminated? Mr. Danaher said no, since the contamination is 30 to 40 feet underground. Mr. Rifilato said the surface soil has been tested to comply with OSHA requirements.</p> <p>SFPP conducted some additional noise testing. They found three major noise sources: The thermal oxidizer for south side cleanup; the Golden West Stripping Valve; and the 2 Mainline SFPP pumps. The Mainline pumps are the loudest. Noise reduction efforts so far have reduced noise from the thermal oxidizer 33 percent and from the Golden West valve 50 percent. SFPP also plans to construct a sound barrier. Mr. Hoskins said he has noticed a considerable reduction of noise.</p>		
5.	<p><u>DFSC Update</u> Joe Trani</p> <p>Mr. Trani handed out three charts of DFSC's remediation system recovery data. In the central portion of the Tank Farm, DFSC has 16 total fluid wells that have recovered about 16,000 gallons of free product since May 1996. The</p>	N/A	

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	<p>recovered product is then recycled into Tank 80007. The Vapor Extraction System has removed about 20,000 gallons of Total Hydrocarbons. Vapors are burned in a thermal oxidizer.</p> <p>Facility upgrades include taking the outer five tanks out of service; one tank has been removed from service so far. The seven inner tanks have received double-bottoms. DFSC is also lining the tank basins with an impervious resin-aggregate (asphalt-like) layer that will act as an additional leak containment measure. The Tank Farm open areas will be hydro-seeded, and a sprinkler system will be installed. These measures will help reduce dust. Mr. Rifilato said they had a watering truck come last week to keep dust down during the windy conditions; the truck is returning tomorrow.</p> <p>Ms. Smith asked that with the new tank bottoms and removing tanks from service, will that stop all future contamination? Mr. Trani replied that along with most of their piping being aboveground, the underground exposed valves and flanges, and the continuous monitoring, they have most everything covered. Mr. Rifilato added they do pressure tests and computer operated systems tests which are very precise in tracking the fuel.</p>		
6.	<p><u>Other Topics</u></p> <p>Tim Whyte handed out the final text for the Public Participation Plan. RAB Members can bring their draft text to the next meeting for recycling. A copy was placed in the Information Repository today. The Plan is considered a “living document” and will be updated as needed.</p> <p>In addition, a copy of the Harding Lawson Report of 1987 was located and placed in the Repository. The library will be closed from November 1 to December 6 for upgrades.</p>	N/A	
7.	<p><u>City of Norwalk Geoscience Report Update</u> Jill Anderson</p> <p>To ensure a broad approach and that everything is looked at, the Cities of Norwalk and Cerritos hired Geoscience to perform a third party review of the data from the Tank Farm</p>		

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	cleanup. The report was given to SFPP and DFSC for comments. They plan on having a meeting with all the consultants to talk about the report, update it, and then they will distribute it to the RAB members in January. Ms. Anderson said the report was made so that the community can have confidence in the cleanup being done. Ms. McIntosh said that there are a lot of areas on which the consultants agree. Mr. Babel added he hopes to see positive results, and noted that some of the suggestions in the report had already been instituted.	Jill Anderson	January Meeting
8.	The next RAB meeting will be held Thursday, January 23, 1997, at 6:30 p.m. in the Norwalk City Hall Lower Level Conference Room (same place). There was one nay cast for the meeting date vote.	All	Meeting 1/23/97
9.	<u>Public Comment Period</u> Ms. Smith would like to see more community members provide written comments on the documents. Ms. Smith requested that she and Mr. Babel be included in the distribution when reports are issued. Mr. Babel then requested he be sent two copies. Ms. McIntosh adjourned the meeting at 9:15 p.m.	N/A	