

**FINAL**  
**Meeting Minutes**

<b>Meeting Subject:</b> Norwalk Tank Farm Restoration Advisory Board (RAB) Quarterly Meeting	<b>Meeting Date:</b> <u>20 March 1997</u> <b>Meeting Time:</b> 6:30 p.m. <b>Meeting Place:</b> City of Norwalk Lower Level Conference Rm.
<b>RAB, PROJECT TEAM, AND OTHER ATTENDEES</b>	
<b><u>RAB Community Members</u></b> D. Caughey E. Garcia B. Hoskins (Alt. for Fogle) M. McIntosh W. Miller J. Rifilato L. Smith W. Sterner M. Young	<b><u>Other Members</u></b> J. Anderson (City of Norwalk) R. Babel (City of Cerritos) T. Danaher (SFPP) T. Devoy (City of Norwalk) Dr. Duran (OCCS) Dr. Landolph (OCCS) J. Leserman (WRD) H. Marley (RWQCB)
<b><u>Other Attendees</u></b> M. Kory (DFO-LA) H. Dogrul (DFSC) N. Irish (FD-GTI) Dr. Kaplan (GGC) D. Sandstrom (Geomatrix) J. Trani (DFO-LA) T. Whyte (WCFS)	DFO-LA = Defense Fuel Office-Los Angeles DFSC = Defense Fuel Supply Center DTSC = Dept. of Toxic Substances Control FD-GTI = Flour Daniel GTI GGC = Global Geochemistry Corporation OCCS = Offsite Chemicals Cleanup Subcommittee RWQCB = Regional Water Quality Control Board
<b><u>Absentees</u></b> D. Fogle J. Pellam	SFPP = Santa Fe Pacific Pipelines WCFS = Woodward-Clyde Federal Services WRD = Water Replenishment District of Southern California
<b><u>BACKGROUND</u></b> <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>The meeting was called to order at 6:45 p.m. by Community Co-Chair Mary Jane McIntosh. The minutes from the 23 January 1997 meeting were approved unanimously as written.</p>	N/A	
2.	<p><u>OCCS Update</u></p> <p>Gene Garcia said they had a meeting last month to review the Risk-Based Corrective Action Plan (RBCA) for the offsite west area. Bill Miller said they went through the document paragraph by paragraph, and he was there for six hours</p> <p>Tom Danaher said they received good input from the State and the community members. The text is ready, and they are working on the figures. The final draft should be finished next week. It will then be sent to the RAB members for comments.</p>	Tom Danaher	6/26/97
3.	<p><u>Groundwater Monitoring Report</u> Neil Irish, Fluor Daniel-GTI and Dr. Ian Kaplan, Global Geochemistry Corp.</p> <p>Mr. Irish showed some enlarged plates from the latest Groundwater Monitoring Report. Flour Daniel-GTI and SFPP's contractor, Terra Services, took samples in November 1996. Water levels have dropped due to the pumping of the remediation systems. The 1,2-DCA plume has not changed significantly. There was a slight increase in a few wells, including GMW-O-14, which in the past had free product. Well PZ-4, on the edge of the plume, picked up free product.</p> <p>GTI has submitted a plan to RWQCB to drill some soil borings on the east side of the terminal. He will report on the findings at the next meeting.</p> <p>MTBE concentrations have not changed near the block valve. In the south-central area, they are watching it. It is getting close to the action well, but the westside barrier system should stop it from going offsite. Laurie Smith read a list of wells which showed an increase in MTBE. Mr. Irish said they are seeing MTBE in the treatment system, at up to 320 parts per billion (PPB), and in the effluent, at 5 to 7 ppb (once it was</p>	Neil Irish	6/26/97

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	<p>about 22 ppb). He estimates it will take 3 to 4 years of system operation to treat the MTBE.</p> <p>Benzene concentrations have generally stayed the same. Well GMW-48 has been going up, and this time they found free product.</p> <p>TPH was found in offsite wells for the first time. These wells (WCW-2 and WCW-9 through WCW-13) had not been sampled in a while. Concentrations in offsite wells are small, ranging 100 to 300 ppb; cleanup levels are 1,000 ppb. TPH was apparently found in the Exposition Aquifer wells. One sample was abnormally high, so they redeveloped the wells and sent the samples to Global Geochemistry Corporation (GGC) for analysis.</p> <p>Dr. Kaplan said GGC also analyzed samples from the Exposition aquifer two years ago. GGC's analysis then found the small amount reported was not TPH. He explained the methodology to their testing, which involves a gas chromatograph and a mass spectrometer.</p> <p>GGC received three samples three weeks ago, but they were not told of the high TPH value found by another lab. GGC's analysis found the chemicals were not petroleum related hydrocarbons, but rather industrial material. Dr. Kaplan distributed charts containing data from both the 1995 and 1997 tests.</p> <p>Mr. Irish said after receiving the results from GGC, they took more samples and sent them to three labs (including GGC) without telling them from where the samples originated. The results from each of these labs were consistent with historical data. This demonstrated that the material found in the Exposition aquifer is biogenic and could be from another source.</p> <p>Next Ms. McIntosh read a letter from Wanda Sterner. Ms. Sterner suggested monitoring and testing of existing and producing water wells near the plume. This would be a cost savings instead of drilling new wells into the Exposition Aquifer, as suggested by Geoscience. Hasan Dogrul of DFSC and Tom Danaher of SFPP were both receptive to the idea. They will look into how often the water companies now test,</p>	<p>SFPP &amp; DFSC</p>	<p>6/26/97</p>

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	and Ron Babel will bring in data from the City of Cerritos. This item is to be placed on the next agenda.	Ron Babel	6/26/97
4.	<p><u>SFPP Update</u> Tom Danaher, SFPP</p> <p>The soil vapor extraction system has removed approximately 25,000 gallons of fuel since January 1997 (135,000 gallons total). Approximately 1.9 million gallons of water has been pumped and treated through the west side barrier system since January 1997 (4.4 million gallons total). Approximately 500 gallons of liquid fuel has been recovered since January 1997 (5,400 gallons total).</p> <p>Mr. Danaher showed pictures of the Goldenwest Valve, which has had a 13 percent reduction in decibels. The thermal oxidizer noise was reduced from 89 to 83 dB. SFPP and Bob Hoskins will meet with a contractor who will give an estimate for noise reduction on the mainline pumps. Mr. Hoskins said there has been a noticeable reduction in noise. Mr. Danaher said they will test noise again and compare the results.</p> <p>Some interim sampling was done around the westside barrier system. Groundwater elevations are closing in around the system, which is encouraging information. Wells near the barrier system are decreasing which is relatively encouraging, but it is still early in the process. Well HL-4 had no MTBE data on a chart Mr. Danaher distributed due to unavailability of the data. He will circulate the data when it becomes available. He will also make copies and distribute copies of his overheads.</p> <p>The 24 inch block valve remediation system is under construction. It should be turned on in April. Mr. Danaher will report data at the RAB meetings. They also picked up some garbage in the area, as suggested by Ms. Sterner.</p> <p>Ms. Smith suggested testing the WCW wells for TPH. Mr. Danaher said they will look into it at the next sampling event, which is coming up soon. Mr. Garcia said instead they need to concentrate on what is important. Jill Anderson requested a written description of the TPH analysis in layman's terms to present to City Council if needed. Mr. Irish agreed to see that it is done.</p>	<p>Tom Danaher</p> <p>Tom Danaher</p> <p>Tom Danaher</p> <p>Neil Irish</p>	<p>When available</p> <p>3/28/97</p> <p>Future meetings</p> <p>6/26/97</p>

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5.	<p><u>DFO-LA Update</u> Joe Trani</p> <p>DFSC added three wells to the westside barrier system on February 26, 1997.</p> <p>The central portion remediation system has been in operation since June 1996. 59,000 gallons of hydrocarbons have been recovered, 27,000 gallons of which was free product and 32,000 gallons which was extracted vapor.</p> <p>They have recovered approximately 15 percent of the estimated total mass. They are recovering an average of about 200 gallons per day.</p> <p>The tank double-bottom project has been completed. Also, the tank containment basin lining project has been completed. A core sample of the two-and-a-half inch thick resin/aggregate lining was passed around, and 5"x7" color photos of old deteriorated soil cement versus new lining were shown to attendees.</p> <p>John Rifilato discussed a call he received at the Tank Farm from the Principal of Dolland School. The principal had about 10 students who were sick, and he thought it may have been due to the resin/aggregate material. Mr. Rifilato offered him a tour that day, but the principal could not make it for a week. Meanwhile, an article appeared in the Press-Telegram. Due to the complaint, DFSC completed spraying the tank basins on the weekend. The resin sprayed on the basins consisted of mainly tree sap. There have been no complaints since.</p>	N/A	
6.	<p><u>Geoscience Report RAB Input</u></p> <p>Dennis Williams of Geoscience could not attend the meeting, so Ms. Anderson asked the RAB members to submit any comments on the Geoscience report in writing. Ms. Smith wrote a 13-page report citing errors she found in the Geoscience report. Copies of Ms. Smith's report were distributed.</p>	RAB Members	6/1/97
7.	<p><u>Set Date and Agenda for Next Meeting</u></p> <p>The next RAB meeting will be held Thursday, June 26, 1997, at 6:30 p.m. in the Norwalk City Hall Lower Level Conference Room. It will be Lt. Col. Gross's last meeting.</p>	All	Meeting 6/26/97

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	<p>Nine RAB members voted to have a site tour on a weekday, while six voted to have it on a weekend. <b>The site tour will take place on Thursday, April 17, 1997, at 10:30 a.m.</b></p> <p>Jill Anderson introduced a motion to increase the Community Co-Chair term from one year to two years. The motion passed without opposition. A Community Co-Chair nomination form was distributed. Any community member interested must fill it out and return it to Tim Whyte no later than June 1, 1997. The election for a new two-year term will be held at the next meeting.</p>	<p>All</p> <p>Community members</p>	<p>Site Tour 4/17/97</p> <p>6/1/97</p>
<p>8.</p>	<p><u>Public Comment Period</u></p> <p>Ms. Smith said saw a vehicle driving on the street with no lights at 10:00 p.m. that turned into the Tank Farm. Mr. Rifilato said it must have been a contractor. Mr. Garcia suggested that Ms. Smith take it up with the Sheriff's office.</p> <p>Copies of the 1993 Risk Assessment Report were distributed.</p> <p>Ms. McIntosh adjourned the meeting at 9:25 p.m.</p>	<p>N/A</p>	