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**NAVAL AIR STATION
FORT WORTH JRB
CARSWELL FIELD
TEXAS**

**ADMINISTRATIVE RECORD
COVER SHEET**

AR File Number 177

AIR FORCE PLANT 4
RESTORATION ADVISORY BOARD MEETING
11 MAY 1995 7 PM - 9 PM

File: 29C
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ATTENDEES:

CITIZENS:

Barbara Baldrige	Ken Elliott	Wayne Palmer
Donna Barnard	Mike Gross	H. L. Preslar
Sara Brewer	Joseph Lavy	J. Douglass Quiroga
S. Chambers King	J. McDonough Dear	Art Rogers
Caroll Chickowsky	William Olshefski	

REGULATORY AGENCY REPRESENTATIVES:

Gary Baumgarten - United States Environmental Protection Agency
Lel Medford - Texas Natural Resources Conservation Commission
Pete Waterreus - Texas Natural Resources Conservation Commission

PRESS:

Anita Baker - Fort Worth Star Telegram

LOCKHEED FORT WORTH COMPANY:

Norm Robbins - Public Relations

AIR FORCE REPRESENTATIVES:

Kamel Mardini - RAB Co-Chair and Air Force Plant 4 Team Chief
Ed Finke - Assistant Remedial Project Manager
Alan Flolo - Base Conversion Agency, NAS Fort Worth JRB

CONTRACTORS:

Dave Donohue - Rust Geotech
Randy Juhlin - Rust Geotech
Sam Marutzky - Rust Geotech
Eve Kuniansky - United States Geological Survey
Thom Robinson - Robinson Communications

SUMMARY:

The purpose of this meeting was to present background information about the Installation Restoration Program (IRP) sites at Air Force Plant (AFP) 4 to the Restoration Advisory Board (RAB) members. Information pertaining to human health and ecological risk and possible restoration solutions was also presented. The meeting agenda is as follows:

- History and Current Status of Restoration Sites
- Discussion of RAB Membership Selection
- Discussion of Community Co-chair selection

The meeting commenced with the statement of the purpose of the meeting by Kamel Mardini. This was followed by the introduction of Sam Marutzky from Rust Geotech in Grand Junction, Colorado. Mr. Marutzky is the Project Manager responsible for the Remedial Investigation/Feasibility Study (RI/FS) for AFP 4.

Mr. Marutzky provided a brief explanation of the categories of sites that are found at AFP 4. These sites include landfills, chemical disposal areas, fire training areas, and spill sites. The primary contaminants that are found at these sites include fuels (i.e. jet fuel), solvents (i.e. Trichloroethene (TCE)), and metals (i.e. chromium). He continued the discussion with a description of the various interim and early remedial actions that have been implemented to date at AFP 4. These actions include: soil removal and french drain installation at Landfill 01 (LF01); soil removals at Fire Training Area 6 (FT09), Chrome Pit No. 3 (DP12), Die Yard Chemical Pits (DP13), and the West Compass Rose (OT21); groundwater pump and treat systems and bioremediation systems at Fuel Saturation Areas 1 and 3 (SS14 and SS16); a soil vapor extraction system at Building 181 (AOC1); and groundwater pump and treat systems in the East Parking Lot (OT22), and on Naval Air Station, Fort Worth (Carswell Field) at Landfills 4 and 5. Additionally, a fence was placed around Landfill 3 (LF03) and a vacuum enhanced pumping system is expected to go on-line at that location in early June of this year. Mr. Marutzky then provided an overview of the geology and hydrogeology in the vicinity of AFP 4. The geology essentially consists of an upper flow zone (Alluvial Aquifer), and a lower flow zone (Paluxy Aquifer) that is separated by the Goodland Limestone and Walnut Formation (aquitard). In an area of the East Parking Lot termed the "window area", the Goodland Formation is absent and the Walnut Formation is thinned due to past erosion episodes. It is suspected that this area allows TCE contamination to pass from the upper zone to the Paluxy (lower zone).

Mr. Randy Juhlin, also from Rust Geotech, then discussed the human health and ecological risk assessment and briefly discussed remediation alternatives based on the RI/FS. The sites that showed risk above the EPA threshold values included: the East and West Paluxy Aquifer plumes (dissolved TCE and 1,2-

Dichloroethylene); the upper zone East Parking Lot plume (non-aqueous phase liquid (DNAPL) and dissolved TCE); Landfill No. 4 (Benzo-a-pyrene, arsenic, cadmium and copper in soil - ecological risk), Landfill No. 3 (copper, lead and zinc in soil - ecological risk), Meandering Road Creek (silver in sediments - ecological risk), and Building 181 (TCE in the unsaturated soil zone). Actions outlined in the Feasibility Study that are being considered to address these risks include: a pump and treat system in the Paluxy Aquifer, sealing and abandoning an improperly completed monitoring well at Landfill No. 3; surfactant enhanced source removal of TCE contamination in the upper zone in the East Parking Lot, possible dredging of sediments in Meandering Road Creek, placement onto Landfill No. 4, and capping of Landfill No. 4, and continuation and expansion of the soil vapor extraction system at Building 181. Landfill No. 3 only showed an ecological risk to mice that did not pose risk to predators.

The election of the community Co-chair, and the development of the formal RAB charter was again deferred to the next RAB meeting. All RAB members were asked to submit a short Biography about themselves and mail the Biography to John Doepker at ASC/EMR. The Biography should include items such as: name, address, where employed, hobbies, club affiliations, experience on committees/clubs, special skills, and an indication if you are interested in being the Community Co-chair.

The meeting concluded with input from the RAB members about what they would like to have presented at future RAB meetings. Items of interest included a tour of the IRP sites and an explanation of sampling techniques.

ACTION ITEMS:

1. All RAB members should submit a brief profile on themselves and indicate on the profile if they are interested in being the community Co-chair. Please mail these to John Doepker at ASC/EMR prior to the upcoming RAB meeting so that copies can be made and distributed to all RAB members. The selection of a community Co-chair will occur during the next RAB meeting from the list of interested members.

NEXT MEETING:

It was decided that the next RAB meeting will be held on **Tuesday, 20 Jun 95 , 6:30 PM**, at the **Senior's Services Center** in White Settlement. **A site tour is planned for this meeting. An accurate count of the number of plant visitors is necessary for planning purposes. Please respond as soon as possible to 1-800-982-7248 to let us know if you will or will not be able to attend.**

177 04

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE

177 05

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE