



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

AR File Number 184

MEETING MINUTES
Restoration Advisory Board
September 19, 1996
Defense Distribution Depot Memphis, "J" Street Cafe

The September Restoration Advisory Board Meeting was held on September 19, 1996 at the Defense Depot Memphis, Tennessee (DDMT) in the "J" Street Cafe. The attendance list is attached.

Welcome

Ms. Christine Kartman opened the meeting by welcoming the RAB members, members of the community, members of the Defense Environmental Response Task Force (DERTF), and presenters.

The RAB members introduced themselves to the audience. Ms. Kartman then introduced Ms. Pat Rivers, Chairperson for the DERTF, who introduced herself and then asked the other DERTF members to introduce themselves.

Ms. Kartman then gave an overview of the evening's agenda.

New Business

Memphis Drinking Water--

Ms. Kartman introduced RAB member James Webb with Memphis Light, Gas and Water (MLG&W) who introduced Mr. Torrence Myers for a presentation regarding the drinking water supply in Memphis.

Mr. Myers is the Chief Chemist for the MLG&W Water Quality Laboratory. Mr. Webb also introduced Mr. John Benson who is responsible for overseeing MLG&W's treatment plants and wells. Mr. Mark Highburger and Ms. Michelle Ritchey from MLG&W's Corporate Communications office were also introduced.

The RAB had requested a presentation be made regarding the Memphis drinking water supply system. Mr. Myer's presentation began with an overview of the system.

Most of the Memphis drinking water is supplied by the Memphis Sands Aquifer. MLG&W has a total of 170 high production wells to supply the water to the city. There are 10 water treatment plants that treat 1 ½ to 2 ½ million gallons of water each day. The treatment process involves three steps. The water is aerated, filtered and chemically treated. Finally, the treated water is pumped to customers.

MLG&W has a test facility to maintain high water quality. They do both chemical and bacteriological testing. They do sampling on water anywhere from the wells to the customers own tap water. Approximately 300 samples are taken monthly. If any bacteria is detected, further testing is done to find the source.

Both organic and inorganic chemical testing is done utilizing on-site, as well as, instrumental tests. There are 21 metals, as well as volatile organic compounds, and synthetic organic compounds that can be tested for.

All testing techniques meet the USEPA and state agency regulations. The lab also takes part in an EPA performance evaluation. MLG&W puts out a yearly water quality report, provides tours of their facility and opens their records for public inspection.

Questions about presentation-

Mr. Mondell Williams asked about wells 126, 127, and 128. These wells have chemicals in the water. How would the contaminants get into the water?

Mr. Myers stated that in 1988 the State of Tennessee, the EPA and MLG&W agreed to shut down these wells as a public relations matter although the contaminate levels were below drinking water standards.

How long could a person drink water before they would be affected by materials in the water?

EPA has established maximum contamination levels, anything below these levels will not cause health problems. Mr. Webb added that the process of aerating the water treats any VOC's that may be present.

Ms. Johnnie Mae Peters asked, "if these same wells were still being used?"

Mr. Webb replied, "Yes, well 128 is in use at this time, well 127 is being tested."

There are currently no wells in Shelby County that are permanently shut down.

Mr. Dann Spariosu asked if the water from Allen Well Field is pumped just to customers in the Depot area or is it pumped all over the city?

Mr. John Benson responded by stating that the Allen Well Field is primarily servicing the areas to the south, the downtown area as well as President's Island. There is a relation between Allen Well Field and Mallory Station. In 1985 MLG&W constructed a main line from Allen out to the east part of the city. Depending on the valving of the water from Allen, it could go outside of its immediate service area. The only way to know for sure where the water is coming from is to test the water at the well and the customers tap. However, the water is only in the system for 24 hours so even this testing can be difficult.

Mr. Larry Smith asked if there was a problem with cross contamination with the shallow aquifer below the Dunn Field area?

Mr. Mondell Williams added, how does the water become contaminated?

Mr. Myers responded that the contaminants could get to the water through the clay layers in the ground. Some chemicals penetrate the clay layer more easily than others. The other possible way of contamination is if there are defects in the wells themselves that allow contaminants in to the water supply. Mr. Benson added that it is believed there are lens in the clay layers as well as areas where the clay layers are shallower than in others. A direct drilling technique is used to help avoid contamination and chemical sampling is done before the well goes online and standards must be met. MLG&W has a task force to investigate the sources of contamination, however, the wells must be running to get data.

Mr. Kenneth Bradshaw asked about previous reporting by Dr. Parks with the USGS.

Mr. Spariosu stated that Dr. Parks has reviewed the design for the pump and treat interim remedial action.

BRAC Clean-Up Plan--

Ms. Kartman introduced Mr. James McCarthy with Woodward-Clyde to give a presentation about the BRAC Clean-Up Plan which is in its initial stages. The Environmental Baseline Survey (EBS) was started in December, a draft was produced in May and a review was done in June. A technical review meeting was held on July 18 1996 that resulted in the BRAC Cleanup Team (BCT) changing the transferable status of 43 buildings. Mr. McCarthy reviewed the CERFA Category Definitions. Categories 1-4 are eligible for transfer. The September 1996 CERFA Status showed that 51 buildings are categorized within 1-4 making these buildings ready for transfer. This shows significant progress for the main installation area. The Dunn Field area has seen no changes in categorization since the Draft Plan.

The objective of the BRAC Cleanup Plan is to expedite and improve environmental response actions to facilitate disposal and reuse while protecting public health and the environment. The scope of the plan includes hazardous materials, hazardous wastes, petroleum products, asbestos, radon, lead-based paint, PCBs, and radionuclides.

The BRAC Property Transfer Process involves sampling. If clean, it is ready for lease or transfer; if not, is required before it can be leased or transferred.

Planned remedial action at DDMT includes interim measures, excavation and removal of soil, groundwater treatment and institutional controls.

The BRAC Cleanup Plan Schedule was discussed and provided to the RAB members. It was produced by the BRAC Cleanup Team and it is driven by the MDRA's priorities for lease or transfer. This is a very aggressive plan. The current goal is for all cleanup to be completed by 2003.

Questions about presentation-

Mr. Mondell Williams asked when will the health assessment be done on Depot employees and the community?

Ms. Kartman stated that this is still being discussed; however, we will be keeping the RAB posted on this situation at future meetings.

Mr. Kevin Clay asked what changed between the Draft EBS and now so that there are now 51 buildings ready for transfer versus 8 in the Draft Plan?

Ms. Kartman stated that the (BCT) walked through each building as well as reviewed records to determine why these building were placed in Category 7. The buildings which changed categories were found not to be dirty. For example, they had spills that were cleaned up immediately after the occurrence. Apparently the data had not been fully reviewed before the buildings were categorized as a 7.

Mr. Clay voiced a concern that those doing this reviewing, the BRAC Cleanup Team, consists of Chris Kartman, Jordan English and Dann Spariosu. He felt there should be an independent group to make these decisions.

Ms. Doris Bradshaw asked about the two labs who were performing off-site testing?

Ms. Kartman stated the CH2M Hill is one of the labs and the report is not final. She did not have the name of the other lab, but offered that Mr. Julian Savage may have this information.

Mr. Carter Gray asked if the MDRA's priorities change is the plan flexible to accommodate these changes?

Ms. Kartman stated that the plan is flexible.

Public Comment Period-

Ms. Kartman will be leaving the Depot. Ms. Denise Cooper will still be here. They are currently working on finding a

replacement. Mr. Eric Holladay will be sitting in at the October RAB meeting in Ms. Kartman's place as facility Co-Chair.

Mr. Larry Smith thanked the DERTF members for attending the meeting and asked that they remember the work that is in progress at the Depot when they lobby in Washington for more funding for cleanup.

Mr. Kevin Clay added that more funding is needed to cleanup Dunn Field.

The next RAB meeting will be held on October 17th at 6:00 p.m. in the Commander's Conference Room at the Depot.

Restoration Advisory Board Members

Ms. Christine Kartman	Defense Depot Memphis
Mr. John Garrison	Citizen Representative
Mr. Eugene Brayon	Citizen Representative
Mr. Dann Spariosu	EPA
Ms. Elizabeth Young	Citizen Representative
Mr. Jordan English	TDEC
Mr. Dave Bond	Citizen Representative
Mr. Cleo Kirk	Citizen Representative
Ms. Veronica Smith	Citizen Representative
Ms. Teri Gray	Citizen Representative
Mr. James Webb	Memphis Light, Gas and Water
Mr. Larry Smith	Community Co-Chair
Mr. Mondell Williams	Citizen Representative
Ms. Karen Blanks-McGlown	Citizen Representative
Mr. Kevin Clay	Citizen Representative
Mr. Carter Gray	Memphis/Shelby County Health
Department	
Ms. Gloria Maxwell (for Ms. Willett)	Citizen Representative
Ms. Johnnie Mae Peters	Citizen Representative

Others in Attendance

Mr. Julian Savage	Corps of Engineers - Huntsville
Col. Mike Kennedy	DDMT
Mr. Eric Holladay	DDMT
Ms. Judy Kruger	DDMT
Ms. Denise Cooper	DDMT
Mr. John DeBack	DDMT-BRAC Transition Coordinator
Mr. Mike Dobbs	DDRE
Mr. Larry Neidlinger	DDRE
Mr. Ron Marichak	DDRE
Mr. Ellis Pope	Corps of Engineers-Mobile
Mr. Torrence Myers	MLG&W
Mr. John Martin	Woodward-Clyde
Mr. James McCarthy	Woodward-Clyde
Ms. Sue Estes	ME3, L.L.C.
Ms. Kathy Brundage	ME3, L.L.C.
Ms. Pat Rivers	DERTF
Ms. Ann Hurley	DERTF
Mr. Terry Yonkers	DERTF
Mr. David Wang	DERTF
Mr. Don Gray	DERTF
Mr. Jim Woolford	DERTF/USEPA HQ
Mr. P. Daniel Smith	DERTF/GSA-Washington D.C.
Mr. Paul Reimer	DERTF
Mr. Sam Goodhope	DERTF
Mr. Robert Martin	Corps of Engineers-Washington D.

Mr. Paul Steffen
 Desi Chandler
 Mr. Joseph Joyce
 Ms. Tanya Prideland
 Ms. Barbara Smith
 Mr. Norman Hemming
 Ms. Marsha Minter
 Mr. Ray Carr
 Ms. Allison Abernathy
 Mr. John Benson
 Mr. Frank Barton
 Mr. Bobby Dearhart
 Mr. Loyd Merrill
 Mr. Albert Genetti
 Ms. Kathleen Buchi
 Mr. Joe Graf
 Mr. David Plant
 Ms. Diane Stopa
 Ms. Colleen Brecker
 Ms. Andrea Thies
 Ms. Jen Grund
 Ms. Karen Moran
 Ms. Sharon Gavin
 Mr. Ben Moore
 Mr. Rich Newsome
 Mr. Keith Beebe
 Ms. Linda Rutsch
 Ms. Jan Mertman
 Mr. Thomas Edwards
 Texas
 Mr. Shah Choudhury
 Ms. Phyllis Breland
 Mr. Kenneth Bradshaw
 Mr. Russell Ray Anderson
 Ms. Barbara Everett
 Ms. Doris Bradshaw
 Ms. Betty Mills

Chair Future Land Use
 MCAS Tustin
 MCAS El Toro
 Citizen
 USEPA Region 9
 USEPA Region 4
 USEPA
 USEPA
 USEPA HQ
 MLG&W
 OSD/OEA
 Charleston Navy
 NCPA
 HQUSACE
 U.S. Army
 NAVFAC HQ
 PRC
 PRC EMI
 PRC EMI
 PRC EMI
 PRC EMI
 DLA HQ
 DLA HQ
 ATSDR
 Army Secretariat
 DDRE PAC
 USEPA
 DLA CAAE
 Attorney General's Office-State of
 ODUSD(ES)
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FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE