



**DESERET CHEMICAL DEPOT  
RESTORATION ADVISORY BOARD (RAB)**

**MEETING MINUTES  
JULY 12, 2005**

**ATTENDEES**

**RAB Members in Attendance**

Walton Levi – Installation Co-Chair  
Wade Mathews – Community Co-Chair  
Gerald Gordon – Utah Wildlife Federation

**Deseret Chemical Depot / Outreach Office**

COL Van Pelt – DCD Commander  
Nam Doan – DCD Environmental Office  
Alaine Southworth – DCD Public Information Office  
Kathy Ryan – DCD Transition/Closure Team

**Other US Army, State & Federal Agencies**

John Dalton – US EPA, Region 8  
Jim Keifer – US EPA, Region 8  
Brad Lauchnor – UDEQ DSHW

**US Army Corps of Engineers / RAB Support**

Paul Zianno – USACE Project Manager  
Vicky Henderson – USACE / TsiCorp Contractor

Michelle Whicker – Parsons  
Gene Barber – Tech Law, Inc.  
Mary Franquemont – Tech Law

**Other Attendees**

Melynda Petrie – Outreach Office  
Vint DeGraw – Utah Dept of Workforce Services  
Dave Nypan – Consultant  
Stew Paulick – Sci Tech Services  
Steve Snelgrove – URS

**RAB Members Not Present**

Steve Lyman – Tooele Community  
Howard Murray – Grantsville Community  
Cherry Wong – Women Concerned/Utahans United  
Colleen Johnson – Tooele County Commissioner  
Harry Shinton – Tooele County LEPC

- 1. Introduction/Business** - The Deseret Chemical Depot (DCD) Restoration Advisory Board (RAB) meeting was held on Tuesday, July 12, 2005, at 5:30 p.m., in the Tooele Chemical Stockpile Outreach Office, 54 South Main Street, Tooele, Utah.

This meeting is generally held every four months, on the second Tuesday evening of the month. Its purpose is to involve and inform members of the local community and interested parties about the environmental restoration activities underway and planned at Deseret Chemical Depot. Community members who attend RAB meetings have access to representatives of the regulatory agencies involved in the environmental cleanup, including US EPA and the State of Utah Department of Environmental Quality (UDEQ), as well as members of DCD's Environmental Office, Tooele County, and the US Army Corps of Engineers (USACE). The meetings are open to the public, and everyone is welcome to attend.

- A. Welcoming Remarks** – Installation Co-Chair Walton Levi, welcomed participants and attendees, and invited everyone to introduce themselves. He then conducted the business of the meeting.

**Presentations** (Briefing slides are available for each presentation) – The agenda is attached.

**2. SWMU (Solid Waste Management Unit) and Groundwater Project Status Update**  
*Paul Zianno, USACE Project Manager*

Mr. Zianno gave an update of the active projects at DCD during the past six months.

**SWMU 3 (Impounding Disposal Bay Pit)** – SWMU 3 was a disposal area for 1-ton containers, with a lot of debris disposed of in the trenches. The contents of the covered trenches are still unknown, but the open trenches contained pallets and drums that potentially contained agent or decontamination agent. DCD personnel removed the debris from the open trenches. The State of Utah requested an investigation on the covered portion of the trench to determine its contents. A scope of work (SOW) for this action is currently being written, and will include geophysical work and angle borings beneath the trench once its boundaries are determined. This investigation will be used to support the position that the best solution will be to leave the waste in place, install a cap, and conduct regular monitoring. Work at this site is anticipated to begin before Winter 2005.

**SWMU 25 (Demilitarization/Disposal Pit)** – Results of a hydropunch groundwater investigation performed in April 2005 near well S-99-92 showed concentrations of carbon tetrachloride consistent with results of the past two annual sampling events. The quality of the water in this well is considered Class III, which is poor quality with a high amount of total dissolved solids (TDS). Regardless, the State is requesting an investigation of the extent of the contamination in the area. Fifteen borings were drilled using a direct push rig, and 15 groundwater samples were taken and analyzed for volatile organic compounds (VOC). Mr. Zianno showed an isoconcentration map of the groundwater investigation.

**Q.** Col. Van Pelt – What do you think is the source?

**A.** Paul Zianno – Chances are it's probably just the drums out there, but we don't know the exact cause.

**Q.** Wade Mathews – Does carbon tetrachloride tend to dissipate, or does it stay in the same concentration?

**A.** Paul Zianno – Yes, it tends to dissipate. We're hoping that organics and microorganisms would eventually take effect and start reducing the concentrations in that area.

**Q.** Wade Mathews – So, is that about the only thing that could help it?

**A.** Paul Zianno – Sometimes a pump-and-treat system might help it, but with this terrain and the way it's so flat, there are holes out there that we left open overnight because there is no water. The flow out there is just extremely slow. There is just no yield out of that aquifer.

**C.** Walt Levi – The last time that SWMU was in operation was in the very early 70s, so what is there has been there for 40 years, and we've only seen it migrate 50-60 feet over 3 ½-4 decades. So, it's not moving anywhere.

**SWMUs 1 and 25 (Demil/Disposal Pits)** – The munitions and explosives identification and removal program is continuing at SWMUs 1 and 25. The contractor should be in the field by the end of July 2005 to continue the off-post survey, and the soil-gas sampling will commence in August. Mr. Zianno presented a map of the areas being surveyed and explained that an

additional 200 feet were added to the survey area. If any munitions and explosives of concern (MEC) are found near the boundary of the investigation area, the survey will be extended another 200 feet. The soil-gas survey will be conducted afterward to determine if areas where items were found contain chemical agent or agent breakdown products (ABP).

**Q.** Jim Kiefer – Who was the MEC contract awarded to?

**A.** Paul Zianno – Parsons in Salt Lake City.

The annual groundwater sampling contract has been awarded for September 2005.

**Military Munitions Response Program (MMRP)** – is designed to address the identification and remediation of unexploded ordnance (UXO), discarded military munitions (DMM), and munitions constituents (MC) located on defense sites. Remedial action at SWMUs 1 and 25, and 2, will start following completion of the Installation Restoration Program (IRP). The extent of the contamination has been determined at these sites for the most part. The MMRP is looking more at SWMU 15 and the combat training area. The visual UXO survey was being completed the week of July 11, 2005.

**BRAC Status** – DCD was placed in the Base Realignment and Closure (BRAC) list in June 2005. It is only a recommendation at this time. The DoD recommendations will be reviewed by a nine-member independent BRAC Commission, who will submit the final recommendation to the President on September 8, 2005. Once the President reviews the Commission's recommendations, he will forward the document to Congress, who will then have 45 legislative days to act on the report. Under the BRAC statute, actions to close or realign an installation must be initiated within two years after congressional approval, with completion in six years.

### **3. Status of DCD Closure Activities**

*Kathy Ryan, DCD Transition/Closure Officer*

DCD was listed on the 2005 Base Realignment and Closure (BRAC) list, with the justification that DCD is not slated to receive any further munitions for destruction. The current plan is to complete the destruction of the current stockpile of munitions and secondary waste, and to close down the Depot and transfer the storage igloos and magazines within the ammo area to TEAD.

The BRAC timeline is six years, but DCD's goal is to close within four years. A benefit for DCD employees will be participation in the priority placement process after closure.

Analytical methods have been established in a combined effort between CAMDS Lab/ TOCDF Battelle and SWRI. This includes the development of methods for GB spent in charcoal, soil analysis (performed MDL studies for HS), wipe tests (performed MDL studies for GB, VX, and HD), and concrete (performed MDL studies for GB, VX, and HD).

The TOCDF closure group is working on the decommissioning plan. The near-term focus is on the mythologies of the decommissioning, and building upon information from the JACADS closure / lessons learned.

The CAMDS plant has been processing secondary waste. Testing for the VX DPE suites will be completed in the middle of July. TOCDF has been looking into thermal treatment options. Phase I and II have been completed at TOCDF, but the report for these activities has not yet been released. It will be held until upper management has been briefed, but should be released in July. A Phase I Decontamination study has been completed by EG&G, and Phase II will begin within the next few months.

The CAMDS closure group will focus in the next six months on closure of the Liquid Incinerator (LIC) equipment, Explosive Containment Chamber (ECC), and Deactivation Furnace (DFS).

There is a need to retain many of the employees currently at the Depot until closure is complete. Their best interests will be protected throughout the process and in helping them find new jobs once closure is complete.

Seven facilities have been approved for demolition. Two are complete, and one is scheduled through the recycle contract. The railroad track disposal documents have been returned and approved by the state. Some other tests are pending on the railroad property. Fifteen other facilities are inactive at this time.

- Q.** Vicky Henderson – When you say you have seven other properties approved for demolition, will this be held up considering Tooele Army Depot's interest in using many of the facilities on DCD?
- A.** Kathy Ryan – No. Our direction is to close our installation. If TEAD wants to go up their chain of command to acquire the installation, we can't wait for a decision for four or five years and then be expected to demolish the buildings. So we are continuing in our direction, which is to close all of these buildings. Many of these buildings need to come down because they are a safety hazard. We will continue with this closure plan as our command has instructed us. We have a mission to complete -- and closure is our mission.

#### **4. RAB Business**

Acceptance of meeting minutes from the March meeting will be via e-mail.

Walt Levi wants to provide the Installation Action Plan (IAP) with the minutes. Members are encouraged indicate in what form (paper or electronic) they would like the document.

The RAB is always looking to expand the board. Please contact Walton Levi, Wade Matthews, or Vicky Henderson with ideas or names of potential new board members.

#### **5. Next Meeting Date – November 15, 2005 at the Tooele Chemical Stockpile Outreach Office in Tooele.**