

**DUGWAY PROVING GROUND  
RESTORATION ADVISORY BOARD  
ENGLISH VILLAGE COMMAND CENTER CONFERENCE ROOM**

**3 NOVEMBER, 1999**

**6:45 PM**

**Meeting Minutes**

Meeting of the Dugway Proving Ground Restoration Advisory Board was brought to order by Scott Reed, Restoration Program Manager, Dugway Proving Ground.

**6:45 Welcome.**

**Scott Reed opened the meeting, welcomed community, then introduced and turned the meeting over to Installation Commander Col. Edward Fisher.**

Col. Fisher welcomed attendees and made a brief presentation on the purpose of the meeting.

Col. Fisher affirmed that this evening's meeting is another step in the Dugway Proving Ground's (DPG) Installation Restoration Program (IRP) process to form a Restoration Advisory Board (RAB). In June 1999, a meeting was held to evaluate community interests in forming a RAB at Dugway. In addition to the meeting, notices were mailed out to individuals on the environmental mailing list, public notices were published in the newspaper, and public service announcements ran in an effort to generate interest in the DPG RAB process.

Several interested individuals submitted application for membership and were in attendance. Col. Fisher thanked those individuals for their interest and participation in the meeting.

Col. Fisher briefly went over the evening's agenda. A copy of the agenda and presentations is attached.

**6:55 Scott Reed, Restoration Program Manager, Dugway Proving Ground  
June 1999 RAB Meeting Minutes**

The June 1999 RAB formation meeting minutes were reviewed. Scott Reed discussed the following amendment be made to the June minutes: During the June meeting Dugway reported that the Commander would be the Installation Co-Chair. Recent guidance stipulates that Commanding Officers should appoint someone other than themselves as the installation Co-Chair. Once the RAB is formalized, Col. Fisher will appoint the installation chairperson (either the Director of Environmental Programs for Dugway Proving Ground or Scott Reed, Installation Restoration Program Manager). These minutes stand to amend the June 1999 RAB minutes.

**7:00 Randi Nelson, Community Relations Coordinator, Kleinfelder  
The Purpose and Goals of the RAB**

Randi Nelson of Kleinfelder made a presentation on what a RAB is, the rationale behind forming a RAB, the intended purpose, roles, responsibility and function of the RAB, identifying the stakeholders, time commitment, and the necessary ingredients for a successful RAB.

**7:08 Scott Reed, Restoration Program Manager, Dugway Proving Ground  
Vicky Henderson, ISS Inc. Contractor to the US Army Corps of Engineers  
RAB Applicant Introductions and Stakeholder Determination**

Scott Reed announced that Dugway has received 10 applications for the DPG Restoration Advisory Board. Three of the 10 applicants were in attendance.

At this time, Dugway is not confident that some of the communities, interest groups and local governments received sufficient notification regarding this meeting or previous efforts indicating Dugway's intent to establish a RAB.

Scott Reed moved to re-open and extend the application deadline until December 15, 1999. Over the next few weeks Dugway will mail out solicitation packages to residents of DPG and surrounding communities that may have inadvertently been missed during the June RAB solicitation process.

Following the deadline, applications will be reviewed and the final selection process will begin. It is Dugway's intent for the RAB to reflect the diverse interests of the local communities. Membership is not limited strictly to these communities, however.

Next, Scott Reed and Vicky Henderson expressed the Installation's concern with contractors and apparent conflict-of-interest.

**CONFLICT-OF-INTEREST CONCERNS**

The goal of forming the membership of this RAB is to have a balance of members who represent the diverse interests of the surrounding communities -- members who are STAKEHOLDERS in the present and future of the Dugway Proving Ground's environmental restoration process.

We want to recognize publicly this evening that we have a concern regarding applicants to this RAB who work for environmental contracting firms that currently work or may be in a position to bid on future environmental work at the Dugway Proving Ground.

As a working member of this Board, a contractor places himself in a highly visible position. Because of knowledge and experience, a contractor is likely to be able to communicate very effectively with the stakeholder community on environmental issues; however, we feel obliged to mention the risks that may be incurred as well.

In considering your application for this Board, we'd like you to understand that your participation may put you into a situation where there is a potential conflict of interest or perception of the conflict of interest that may affect the eligibility of your company and its subcontractors to bid on future contracting actions at Dugway. (If you work with a company that is currently performing or has the potential for environmental work at Dugway in the near term, you would not be eligible to be a standing member of the RAB. However, all meetings are open to the public, and everyone is welcome to attend.) If you work with a company that MAY be in a position to do environmental work at Dugway in the future, we'd like you to consider this notice.

Individual contracting actions will be looked at on a case-by-case basis, of course, by the respective contracting organizations involved. It is the opinion of the US Corps of Engineers, Sacramento District contracting office that your active membership on the RAB may put your company in a position of not being allowed to bid on future environmental work because of an apparent conflict of interest.

Some recommendations that MAY help:

- Consider what actions you or your company would put in place to mitigate the apparent conflict of interest when making decisions that might ultimately give your company an unfair competitive advantage, and submit a response in writing (for the record) outlining what those steps will be.
- Excuse yourself from entering opinions on matters that may affect present or future contracting actions, or excuse yourself from serving on the RAB.

In addressing this subject of eligibility of the contractor OR subcontractor, Part 9 of the FAR, Federal Acquisition Regulations, points out that there are provisions and clauses which appear in each contract requiring a contractor to report or disclose any conflicts of interest with respect to that solicitation. These requirements are based in Federal law and U.S. Army guidance, and we have to be concerned about them.

Discussion:

Scott Reed introduced Marty Gray with UDEQ and Ellie Crandall of US EPA, Region 8. They were invited to the meeting to help clarify stakeholder status, answer questions, and participate in the selection process.

Ellie Crandall provided further guidance on the conflict of interest topic. She stated that, according to DOD guidance, no person working for Dugway as a contractor would be considered for membership. This is not limited to environmental contractors only. The meetings are open to the public, therefore if there are contractors who wish to attend meetings and offer their expertise at that time, that would be acceptable, however, they would not be able to participate as a board member.

*Q (Unknown) According to this information, any person working under contract with DPG, performing any type of service, (environmental or not) would not be allowed to participate on the RAB?*

*A (Ellie Crandall) Correct. They could attend meetings and participate as a concerned community member, but they would not be part of the board.*

*Q: (Unknown) If someone is appointed by a local government agency (i.e. their superior) may they sit on the RAB?*

*A. (Ellie Crandall) Yes. They would be considered a local governmental representative, not a community member.*

## **RAB APPLICANT INTRODUCTIONS**

***Tony Flippo provided the following personal information and RAB interest*** – Tony used to live in Vernon and now resides in Tooele. He retired from Dugway after 30 years of service. He feels he has a personal stake in Dugway’s environmental program because he was involved in one of Dugway’s largest and first cleanup initiatives – the CARR facility and firing ranges. During his time at Dugway he has worked on several cleanup projects. He understands Dugway’s mission and he has been an advisor for the Chemical Weapons Working Group.

***David Tillson provided the following personal information and RAB interest*** – David is the Environmental Program Manager for the Skull Valley Band of Goshutes. Leon Bear has requested David’s participation in the DPG RAB. He is very concerned that DPG observe Tribal Laws throughout the environmental program. Davis is also concerned about materials released outside the DPG property on aboriginal territory. David has 40+ years of experience as an environmental geologist and experience with radioactive materials. He feels he has a personal interest in the DPG environmental program.

***Royce Larsen provided the following personal information and RAB interest*** – Royce has been a resident of Dugway for the past 20 years so he has a personal interest as a worker and a resident. He is

not affiliated with any interest group. Royce recently retired from the military reserves and is interested in volunteering his time to a cause such as the RAB. He is familiar with some of the past environmental activities including the sheep incident.

**A RAB question and answer period immediately followed the RAB Applicant Introductions.**

*Q. (Unknown) Where do we go from here?*

*A. (Scott Reed) Dugway had about 10 people apply for membership. We will get in touch with each one of them and confirm whether or not they are still interested. My experience with RABs is that of Tooele Army Depot. Due to flagging community interest they have combined their TRC and their RAB. As stated earlier, Dugway will be opening up membership until December 15<sup>th</sup> to try and reach any interested neighbors who were not contacted in the first solicitation attempt.*

*If there appears to be a lack of interest in formalizing the RAB, Dugway will continue to hold quarterly TRC meetings and the public will be invited to attend.*

*Comment: (Ellie Crandall – EPA) There is no guidance information on a minimum for community RAB members. If there does not appear to be any more interest than from the three individuals here tonight, we may want to combine the RAB and TRC.*

*(Scott Reed) Dugway agrees. If, after the upcoming mailing, there does not appear to be any additional interest, we may consider combining the TRC and RAB. Dugway will still generate the environmental newsletter as a tool to disseminate information to the public*

*Comment:(Nancy Kosko) Three applicants/members is a good start for installation of this size. If additional applications are received -- wonderful -- however, if the installation does not receive any additional interest then Dugway should move forward with the 3 applicants and start working toward developing a charter and bringing the members up to speed.*

*Q: (David Tillson) How would Dugway bring someone up to speed with regard to the IRP program?*

*A: (Scott Reed) We are in the process of generating a newsletter that will be sent to the residence of Dugway and members on the environmental mailing list. The newsletter will also be available through the environmental office, and the three Administrative Records and Information Repository. Each newsletter will focus on Dugway's environmental program, providing site information, investigation activities, and will announce RAB and other public meetings.*

*Q: (David Tillson) Where can someone go to review a document like the EIS?*

*A: (Scott Reed) Dugway's Information Repository will be located in at the Tooele Chemical Stockpile Outreach Office in Tooele and two Administrative Records will be establish (One at Dugway and one at the University of Utah – Marriott Library). Documents are also available for review through Utah Department of Environmental Quality in Salt Lake City.*

Dugway Proving Ground has contracted with the Corps of Engineers to conduct a record search of Dugway. The record search is a very involved, detailed search used to identify and determine range activities and operational history. The report should be available in about 8 months. There is a lot of data to be reviewed.

A Records Search includes information retrieval from many repositories. Please see the attachment for the list of possible sources. It will cost approximately \$620,000 to compile and accumulate the data, which will be available electronically so that people will not need to visit Dugway to have access to the information.

*Q: (David Tillson) Were Dugway's environmental cleanup activities addressed in an existing Environmental Impact Statement (EIS)?*

*A: (Scott Reed) AEGIS Environmental is currently generating the Site-Wide EIS for Dugway. The cleanup of individual sites on the installation falls under the RCRA corrective action process, and includes requirements for public participation in the review of the corrective action plans. Individual EAs are not required since the public participation requirements are covered under the RCRA process.*

*Q: (David Tillson) Are there any individual projects to discuss?*

*A: (Scott Reed) Yes, and our contractor is here to discuss those projects a little later in the presentation.*

*Q: (David Tillson) Were there any EA's (environmental assessments) completed?*

*A: (Scott Reed) A Site-Wide EIS is in process, however EAs were not required since the RCRA program includes the public participation requirements as an integral part of the clean up process.*

After the RAB is formed, RAB members will be given documents or Executive Summaries to review prior to finalizing.

**7:55 Chris Prescott, Project Manager, USACE, Sacramento District  
RFI Project Updates**

Chris described the two types of environmental programs associated with Dugway's Installation Restoration Program (IRP): RFI (RCRA Facility Investigation) sites and Consent Order sites.

Under contract with the Corps of Engineers, Parsons is conducting the RFI investigation and IT Corporation handles the Consent Order sites. The RAB will focus on these two programs. FUDs (formerly used Defense sites) are located off-site and will remain separate from the IRP program.

There are over 200 identified RFI sites. In September 1999, a Phase I RFI report was submitted to the State for approval. The report dealt with 129 SWMUs (Solid Waste Management Units) and 14 newly identified SWMUs. The report also identified 65 No Further Action SWMUs.

Q. Was the Phase I RFI Report submitted to the EPA for approval?

A. A copy of the report was submitted to US EPA, however, UDEQ has approval authority.

Q. Will the RAB have to concentrate on all of these sites?

A. The RAB will be provided with information on all known sites. The RAB can then take the information and prioritize the sites according to interest and concern. The RAB determines the sites and issues they want to address.

Q. How does Dugway classify the radioactive material that moved off-site in the 50's?

A. Generally those sites would be classified as FUDS (Formerly Used Defense Sites)

**8:07 Jeff Ogawa, Project Manager, IT Corporation  
Consent Order Sites - HWMU (Hazardous Waste Management Unit) Update**

Written Consent Orders are agreements made between the State (UDEQ) and the Installation. Consent Order sites are sites that were operational after 1980. There are currently about 40 sites under the Consent Order program at Dugway And approximately 20 of those sites are under contract with IT Corp. Jeff Ogawa provided a detailed status update on the Consent Order Sites. A brief description and activity update is provided below.

HWMU 2 – This site consists of 2 trenches. The proposed remediation activity for this site is to place a soil cover over the area. A Remedial Action Plan to excavate the burn area, regrade the terrain, and reroute the drainage away from the trenches was submitted to the State. Dugway is currently addressing the States questions on the proposed soil cover.

Q. (David Tillson) What were the trenches used for?

A. (Jeff Ogawa) The trenches were originally used for the burial of munitions and general trash. The trash has since been removed from the trenches.

Q. (David Tillson) Where any chemical ammunitions discovered during the investigation?

A. (Jeff Ogawa) Yes. One chemical weapon was found during the investigation and removal phase of the project.

HWMU 33 – Consists of a former sewage lagoon. The closure proposal has gone through public comment -- no comments were received from the public. The State approved the closure proposal. A work plan to implement the closure activities was written and is currently waiting on UDEQ approval.

HWMU 34 – Composed of the Baker Boiler Blowdown sump. In July, UDEQ approved the work plan to remediate the site. The work plan activities included cutting and plugging the blowdown pipe, and excavating the sludge from the pond. Remedial action activities took place in August 1999.

Q. If contamination is discovered during field activities, where will the contaminated material be disposed?

A. If contamination exists, (depending on the type of contamination) the material be shipped to an approved hazardous waste disposal facility located in Idaho.

HWMU 37 – The Ditto Landfill is located approximately 10 miles west of English Village. Original proposed solution to the site was to place a cover over the site area. Discussions with UDEQ prompted Dugway to further investigate the site to provide data on the nature and extent of contamination. Investigation results will assess whether or not a cover will be placed over the site.

Q. How far down is groundwater?

A. Groundwater in this location is not very deep, about 8 feet.

HWMU 42 – Contractors Landfill located south of English Village. A cover over the site has been proposed. IT is currently writing a work plan to trench and identify the waste at the site. Results from the field efforts will be used to design the cover.

HWMU 43 – The Old English Village Landfill. This site consists of 70 acres of municipal waste. Dugway is currently working with the Corps of Engineers and the State to establish how to proceed with this site. The current remediation method would be to design and place a soil cover for the area.

HWMU 47 – This site consists of a Former Sewage Lagoon for English Village. The State has reviewed the work plan to conduct activities that will determine the nature and extent of contamination at this site. The area encompasses a 1,500 x 1,700-foot area. Results of the investigation will be used to determine the correction action.

HWMU 48 – This site consists of the Fries Park Transformer Storage Area. A proposal is being generated for the State and EPA. The proposal will request the use of the Self-Implementation Role to cleanup the PCB contamination associated with the site.

HWMU 63 – This site consists of the Septic Tank in CARR. This site consists of 2 septic tanks. One of the tanks will continue to be in use until the year 2001. A work plan is currently being written to

investigate and determine if sludge exists at the bottom of the second tank. Results of the investigation will be used to determine sludge cleanup actions and address any questions raised by the State.

HWMU 36 - Imhoff Tank at Ditto. The tank is no longer in use. Public comment was held on the closure proposal from May to July of 1999. No comments were received during the public comment period. State approval was given on July 19, 1999. The State has just finished reviewing the work plan to implement the closure proposal. Future activities at the site will include filling the tank, removal of the sludge drying bed, and additional soil sampling.

HWMU 55 – This site is composed of two trenches located in the CARR area. A work plan is being written to conduct a field investigation to determine the nature and extent of contamination at this site. The proposed remedial action is to place a soil cover over the trenches in addition to installing a soil vapor extraction system. The purpose of the soil vapor extraction system is to extract the solvents in the ground.

HWMU 130 – Site consists of a sump drain line under the Shoppette gas station in English Village. In August of 1999, the drain lines were excavated and soil samples taken while the gas station was received station upgrades. A work plan is currently being generated to take samples along the south side of Stark road.

Groundwater Monitoring Program – Annual groundwater monitoring of 13 HWMUs will be conducted in February 2000.

**8:26 Next RAB meeting is tentatively scheduled for 6:30 PM, Wednesday, February 9, 1999.**

**8:28 Meeting adjourned.**

Attachments (handouts):

- 1 RAB Roles and Responsibility
- 2 Meeting attendance sheets



# Dugway Proving Ground Restoration Advisory Board Formation Meeting

**June 16, 1999**

Name (please print)	Affiliation	Address	Phone	YES, I would like to be considered for the RAB
Chris Prescott	USACE	1325 J. Street Sacramento, CA	(916) 557-7227	No
Neal Navarro	USACE	1325 J. Street Sacramento, CA	(916) 557-6948	No
Jeff Ogawa	IT Corporation	4005 Port Chicago Way Concord, CA	(925) 288-2252	No
Paul Hubickey	Parsons	406 W. South Jordan Parkway, Jordan, UT	(801) 572-5999	No
Martin Gray	Utah DSHW	P.O. Box 144880 Salt Lake City, UT	(801) 538-6819	No
David Larsen	Utah DSHW	P.O. Box 144880 Salt Lake City, UT	(801) 538-6749	Yes
Larry Diede	US EPA	999 19 <sup>th</sup> Street, Suite 500, Denver, CO	(303) 312-6428	Yes
Royce Larsen	Skull Valley Goshutes	2460 S. Main #214 Salt Lake City, UT	(801) 474-3508 (801) 474-0535	Yes
Tony Flippo		673 Deer Hollow Road Tooele, UT 84074	(435) 833-9983 (435) 830-2324	Yes
Nancy F. Kosko	HQDTC	314 Longs Corner Road APG, MD 21005-5055	(410) 278-1083 (410) 278-8525	No
Ellie Crandell	US EPA	999 19 <sup>th</sup> Street, Suite 500, Denver, CO	(800) 227-8917	No
Scott Reed	DPG	Dugway, UT	(435) 831-3592	
Col. Edward Fisher	DPG	Dugway, UT		No
Randi Nelson	Kleinfelder	4875 Longley Lane Reno, NV	(775) 689-7800	No
Vicky Henderson	USACE	1325 J. Street Sacramento, CA	(916) 557-6628	No