

**NAVAL AIR STATION ALAMEDA RESTORATION ADVISORY BOARD  
MEETING MINUTES**

**NAS Alameda Bachelor Officers Quarters  
NAS Alameda, California**

**Tuesday, May 7, 1996**

**MEETING SUMMARY**

**I. Introduction/Minutes**

The meeting was called to order at 7:09 p.m.

Ken O'Donoghue, the community co-chair, opened the meeting and asked whether any Naval Air Station (NAS) Alameda Restoration Advisory Board (RAB) members had comments on the April meeting summary. No revisions were requested and the minutes were approved.

**II. Co-Chair Announcements**

Lieutenant Commander (LCDR) Mike Petouhoff made the following announcements:

LCDR Petouhoff announced that when he leaves his position as NAS Alameda Base Environmental Coordinator (BEC) he will be replaced by two people. He stated that Steve Edde will be the new BEC, and will be responsible for the Installation Restoration Program (IRP) and transfer-related compliance, and Bruce Lapel will be responsible for one-time compliance activities at NAS Alameda

Mr. O'Donoghue made the following announcements:

Mr. O'Donoghue announced that a mid-month meeting to address property development decisions was attended by three people. At the meeting, the issue of RAB members attending monthly tracking meetings was discussed. Mr. O'Donoghue stated that for now the Navy has agreed to allow the public to attend the meetings, but the Navy has not established an official policy regarding this issue. Mr. O'Donoghue stated that he recognizes that some RAB members hold strong opinions on this subject; he wants to know the opinions of the other members.

Mr. O'Donoghue announced that the Center for Cooperative Solutions and the Office of Academic Outreach, at the University of California, Davis, are conducting a problem-solving workshop in Vallejo, on June 15, 1996, for RAB members and community members concerned with environmental issues at closing military bases. He encouraged RAB members to attend and stated that information about the workshop had been distributed to RAB members (see attached).

Mr. O'Donoghue announced that the RAB will be making a presentation to the Base Reuse Advisory Group (BRAG) next week. He thanked Norma Bishop for coordinating the effort with the BRAG. Norma Bishop, the Base Transition Coordinator, stated that she has approached the Alameda Reuse and Redevelopment Authority (ARRA) about having the topic of the Alameda RAB as a set agenda item at the ARRA meetings.

### **III. Action Item Updates**

LCDR Petouhoff stated that in response to Ron Basarich's request that the Navy provide a written response regarding the status of the Federal Facilities Site Remediation Agreement (FFSRA), the Navy and the Department of Toxic Substances Control (DTSC) prepared a written response which was distributed at the RAB meeting.

Tom Lanphar stated that the parties negotiating the FFSRA in Sacramento expect the agreement to be signed by the end of summer.

### **IV. Focus Group Update**

#### **Organizational Focus Group**

Focus group chair Lyn Stirewalt announced that the RAB charter will be voted on tonight. She encouraged RAB members to vote for the charter since it is a working document and is subject to amendment. Ms. Stirewalt also expressed concern about several documents that were recorded as being checked out of the RAB library by the Berkeley Environmental Center (BERC) and had not been returned for some time. Dr. Bill Smith of BERC responded that he believes that all the documents were returned but the return had not been recorded in the checkout book. Dr. Smith stated that he will confirm that all the documents borrowed by the BERC office have been returned.

#### **Early Actions Focus Group**

Focus group chair Kent Rosenbloom stated that the Navy is making progress at Site 15 and is waiting for the City to begin preparing the soccer field for use.

#### **Natural Resources Focus Group**

Focus group chair Tom Okey stated that Clearwater Revival Company, an Alameda based consulting firm, released a report criticizing activities at Site 15. Mr. Okey said the report includes major criticisms and that he may distribute the comments at the next meeting.

LCDR Petouhoff stated that he talked to the author of the report and agreed with many of the insights made. He stated that the Navy is currently reviewing and considering the comments in the report.

Mr. O'Donoghue announced that a mid-month focus group meeting is scheduled to be held on May 22, 1996 in the RAB library.

### **V. RAB Charter**

Mr. O'Donoghue invited the RAB to approve the RAB charter. Mr. Okey and Karen Hack both stated they had serious concerns about the RAB charter and asked if changes could be made before the vote. RAB members engaged in a discussion about whether or not to entertain changes to the draft charter at this late date in the process. It was noted that there was continuing opportunity for RAB members to comment on the charter, and so a motion was made to pass the

charter and make it subject to amendment. Mr. O'Donoghue asked for a vote, by show of hands, of all those in favor of passing the RAB charter as presented and subject to amendment. Mr. O'Donoghue acknowledged eight votes in favor of passing the charter, none opposing, and three abstentions.

Malcolm Mooney requested that any proposed amendments to the RAB charter be submitted to the RAB in writing. Mr. O'Donoghue agreed that all proposed amendments must be submitted in writing and voted on by the RAB.

The RAB charter was then signed by the following members:

Lyn Stirewalt, Organizational Focus Group Chair  
LCDR Petouhoff, NAS Alameda BEC  
Tom Lanphar, DTSC  
James Ricks, U.S. Environmental Protection Agency

Heidi Gitterman announced that the organizers of the problem solving workshop to be held in Vallejo are interested in case studies to be discussed at the workshop. RAB members with ideas are encouraged to contact the organizers. She also stated that the sponsors of the workshop will organize another workshop to be held in San Francisco if enough interest is shown.

LCDR Petouhoff invited the RAB to attend his farewell party on Friday, May 10, 1996.

## **VI. Update on Upcoming Treatability Study**

LCDR Petouhoff introduced Steve Clarke, the chief executive officer (CEO) of Geokinetics, who would give a presentation on a technology that has been successfully demonstrated in Europe and is being implemented on a small scale for the first time in the U.S. at NAS Alameda.

Mr. Clarke stated that the technology his company is demonstrating at NAS Alameda was pioneered in Europe in 1986 and is routinely used successfully. Mr. Clarke gave a brief history of the technology as it was developed in Europe. He also gave a brief history of the emergence of his company, Geokinetics.

Mr. Clarke explained that the technology to be used at NAS Alameda consists of rows of anodes and cathodes that are placed in the soil (to varying depths and widths depending on the particular circumstance); then an electric charge is sent through the electrodes. This causes various contaminants in the soil to migrate towards either the anode or cathode where they can be collected and removed. Mr. Clarke explained that this technology can be used to contain contamination and prevent off-site migration. He explained that the soil can also be removed from the ground and treated in a batch above ground surface.

Mr. Clarke explained that at NAS Alameda three rows of electrodes (50 in all) will be placed in the soil. He stated that the holes will be drilled tomorrow. Electrodes will be installed and eventually powered.

Mr. Mooney asked what level of power will be used. Mr. Clarke answered 500 kilowatt hours will be used at the site.

A member of the public asked how deep electrodes are placed. Mr. Clarke answered that the deepest Geokinetics has installed an electrode is 80 feet. He explained that it depends on the depth of the contamination and some projects require inserting electrodes only inches deep. He stated that the electrodes will be installed at about 8 feet below ground surface at NAS Alameda.

Mr. Mooney asked how groundwater affects this process. Mr. Clarke responded that it is just another variable that needs to be factored into the process. He explained that the technology has been effective in soil containing high and low percentages of moisture.

LCDR Petouhoff noted that the Navy will pay nothing for this treatability study. He explained that the only cost will be the review of the documents associated with the demonstration.

Mr. Rosenbloom asked what the cost is for employing this technology. Mr. Clarke explained that the cost depends on the size of the area treated, amount of contaminants, and how quickly the area is treated. He stated that the high end of the cost is around \$650 per cubic yard, and the low end cost is around \$75 per cubic yard.

Lyn Stirewalt asked whether there is danger of electrocution from the technology. Mr. Clarke explained that there is no danger because the voltage is diffused; electrocution cannot occur.

Jim Haas asked if the cleanup levels that have been met by the technology are optimal levels. Mr. Clarke explained that all cleanup levels met so far are regulatory cleanup levels. He stated that if cleanup beyond regulatory levels was desired, it would be accomplished for little cost, the primary expense being for power.

## VII. Sediment to Fish Contamination Study

Mr. Okey and his associate Tira Foran gave a presentation on sediment to fish contamination. Mr. Okey stated that the purpose of the presentation was to promote a baywide interagency strategy to address contamination in bay fish. Mr. Okey gave a brief overview of the contamination in San Francisco Bay. He stated that there is contamination throughout the bay, and there are hot spots near specific industrial and military sources. He explained that a pilot study completed by the Regional Water Quality Control Board (RWQCB) involved testing various bay fish for contamination. Mr. Okey said there are contaminated sediments in the bay area adjacent to NAS Alameda which have contributed to the contamination of fish. A RAB member pointed out that many bay fish move around the bay, feeding throughout, so how could NAS Alameda sediments be specifically linked to fish contamination. Mr. Okey stated that he is suggesting an approach for determining the contribution of contaminated sediments near NAS Alameda to the contamination in various fishes tested throughout the bay.

## VIII. Proposed 1997 Budget Priorities

LCDR Petouhoff gave a presentation on the proposed 1997 budget priorities. He began the presentation by asserting that the community has been successful in helping the Navy define cleanup priorities. He explained that much of what is scheduled for funding in 1997 is a continuation of work set as priorities by the Navy based on input from the RAB.

LCDR Petouhoff gave a brief summary of the budget review steps, starting with Engineering Field Divisions, through to congressional review (see attached). He also gave an overview of the

funding categories: (1) installation restoration, (2) transfer-related compliance, and (3) one-time compliance. LCDR Petouhoff presented a 1997 funding profile according to base realignment and closure (BRAC) category, showing NAS Alameda receiving comparatively significant funding. He explained that Congress recognized that BRAC III bases received disproportionately low funding in previous budgets, so BRAC III bases are receiving more funding in 1997. He explained that in 1994, NAS Alameda received its largest funding allocation. He stated that several projects were initiated and are continuing to be implemented. In 1995, there was less work scheduled, but the needed funding was acquired. In 1996, because funds had been used to achieve what had been scheduled, NAS Alameda received special authorization to spend some additional money.

LCDR Petouhoff explained that the projects that actually get executed after funding has been awarded is a significant factor considered when requesting funding for the subsequent year. He explained that it is important to focus on getting the work done by developing a common vision.

Steve Edde continued the budget presentation with an explanation of the specific projects proposed for funding in the fiscal year (FY) 1997 budget request (see attached). LCDR Petouhoff stated that the budget proposal is due by Friday, May 10, 1996. After the presentation, RAB members asked a series of questions including the following.

- A RAB member asked what the budget projections were beyond 1997. LCDR Petouhoff stated that funding in 1997 will probably be better than in 1998.
- Ms. Stirewalt asked if the BRAC funding is established prior to the submission of the budget proposals. LCDR Petouhoff explained that the President allocates an amount of money to be apportioned by Congress based on specific proposals from individual bases. Congress makes appropriation decisions, based in part, on the business plan that was recently submitted. He explained that the business plan illustrates the planning that supports the budget requests.
- Doug DeHaan asked why NAS Alameda does not request more money if it is expected that funding will be limited. LCDR Petouhoff explained that there are constraints beyond funding that restrict how much work can be completed. Mr. Lanphar added that he was asked last year to project what could be achieved at NAS Alameda if the budget awarded was a yearly \$9 million. He stated that his projection showed that the cleanup schedule would be too slow if yearly funding was limited to \$9 million.
- Ms. Hack stated that she appreciated the broad overview presented by LCDR Petouhoff and Mr. Edde. However, she stated she had concerns that RAB members have not had the opportunity to contribute significantly to setting budget proposal priorities. She stated that she wanted the opportunity to discuss this issue before the budget proposal is submitted. She continued that she has concerns about funding for Site 15 which has been criticized in a report by the Clearwater Revival Company. LCDR Petouhoff stated that the RAB had been informed of the budget priorities and had an opportunity to give input. He stated that he will be available for discussion on this topic in his office on Wednesday, May 8, 1996. He assured Ms. Hack that there is still time for RAB input to be considered.
- Ms. Stirewalt asked if it was possible to still make changes to the proposed budget for fiscal year 1997, and were the relevant cleanup priorities and issues discussed at focus group

meetings. LCDR Petouhoff stated that it is still possible to make changes to the funding proposal and the issues are ongoing. He explained that these issues have been discussed at focus groups meetings.

- A member of the public asked if the list distributed was a complete list. LCDR Petouhoff stated that the list represents all that can be completed in 1997.
- Ms. Hack stated that RABs around the Bay Area are establishing priorities. LCDR Petouhoff stated that other RABs are using the method of prioritizing that was developed by the NAS Alameda RAB. He explained that much of what is being proposed for funding is work that was set as a priority by the RAB in the past. He stated that funding is contingent on order of sequence. He stated that he is open to hearing constructive input from RAB members regarding budget priorities.
- Mr. Clarke asked what motivation there is for contractors to help the Navy get more for the dollars that are allocated for cleanup. LCDR Petouhoff stated that NAS Alameda is very diligent about using treatability studies to determine what approach is most effective for a particular project. He explained that this approach costs money in the short run, and pays for itself in the long run.
- A member of the public asked why the Navy is not requesting more money for 1997. Mr. Lanphar explained that one constraint in the amount of work that can be achieved in 1997 is the cuts to regulatory agency staff; this restricts the amount of oversight that can be conducted.
- Ms. Gittermen stated that anyone interested in continuing discussion on budget priorities is invited to meet with LCDR Petouhoff in his office at 7:00 p.m. on Wednesday, May 8, 1996.

The meeting was adjourned at 9:49 p.m.

**The next meeting will be held at 7:00 p.m. on Tuesday, June 4, 1996, at the Bachelor Officers Quarters, NAS Alameda.**

**NAVAL AIR STATION ALAMEDA  
RESTORATION ADVISORY BOARD**

**AGENDA**

**May 7, 1996**

<b><u>TIME</u></b>	<b><u>SUBJECT</u></b>	<b><u>PRESENTER</u></b>
7:00-7:10	Introduction & Minutes	RAB
7:10-7:15	Co-Chair Announcements	Co-Chairs
7:15-7:20	Action Item Updates	RAB
7:20-7:30	Focus Group Announcements	Focus Group Chairs
7:30-7:50	Update on Upcoming Treatability Study	Steve Clarke Geokinetics
7:50-8:00	RAB Charter	RAB
8:00-8:20	Sediment to Fish, Contamination Study	Tom Okey
8:20-8:30	Proposed '97 Budget Priorities	Petouhoff
8:30-8:50	Parting Perspectives and Future Agenda Items	LCDR Petouhoff/Edde
8:50-9:00	Q & A	Petouhoff/Edde
9: 00	Adjourn	



# ***BUDGET REVIEW STEPS***

- ↓ ENGINEERING FIELD DIVISIONS/ACTIVITIES
- ↓ NAVFAC HQ
- ↓ CHIEF OF NAVAL OPERATIONS
  - N44 - BRAC
  - N45 - DERA
- ↓ ASST SECRETARY OF THE NAVY(I&E)
- ↓ NAVY COMPTROLLER
- ↓ DOD COMPTROLLER
- ↓ OFFICE OF MANAGEMENT AND BUDGET(OMB)
- ↓ PRESIDENT
- ↓ CONGRESS

# Funding Categories

- Installation Restoration (NAVFAC)

- Transfer Related Compliance (NAVFAC)

EBS/FOSL

Underground Storage Tanks

Asbestos/Lead Based Paint

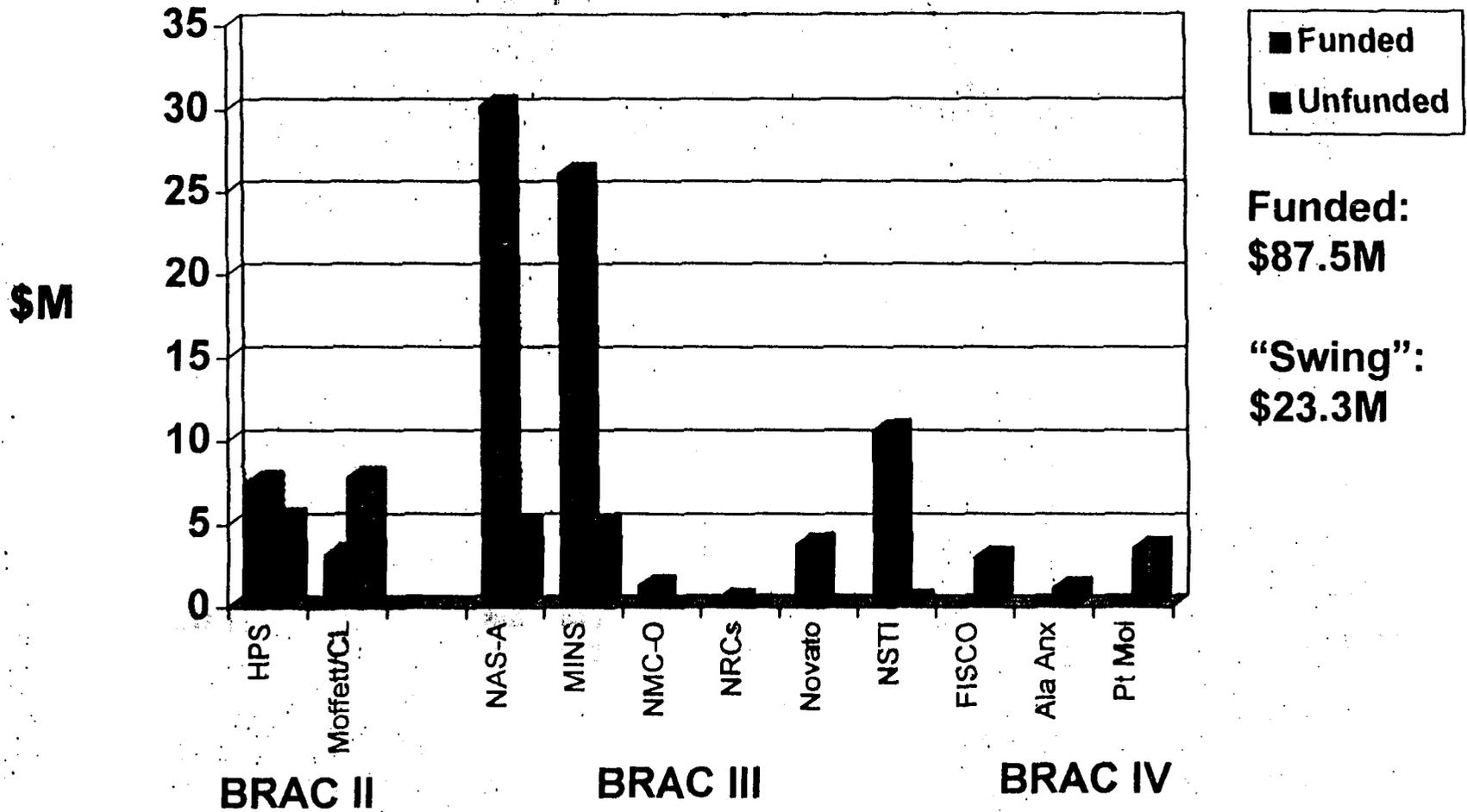
- One-Time Compliance (Installation)

Closure of Permitted Hazardous Waste Facilities

Facilities Cleanup



# FY97 Funding Profile - by Activity BRAC II/III/IV



UNIVERSITY OF CALIFORNIA, DAVIS

BERKELEY • DAVIS • IRVINE • LOS ANGELES • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

COMMON GROUND: CENTER FOR COOPERATIVE SOLUTIONS  
A UNIVERSITY EXTENSION AND  
FACULTY OF THE SCHOOL OF LAW PROGRAM  
(916) 757-8569  
FAX: (916) 757-8596

UNIVERSITY EXTENSION  
DAVIS, CALIFORNIA 95616-8727

May 1, 1996

Alameda RAB Member

Dear RAB Member:

Common Ground: The Center for Cooperative Solutions and the Office of Academic Outreach, both at the University of California, Davis, are coordinating a collaborative problem-solving workshop for parties involved with environmental issues related to military base closures. This workshop will provide participants with additional skills and tools to help them resolve difficult questions involving environmental issues. Building upon the skills of participants, this program will provide an analytic framework and techniques to practice preventive, collaborative problem-solving before complex conflicts develop. This program is funded through the systemwide University of California Toxic Substances Research and Teaching Program. A summary of the workshop is attached.

We will be holding two Saturday workshops in Northern California. The workshop dates and locations are:

- ✓ June 8, 1996 in Sacramento
- ✓ June 15, 1996 in Vallejo

To receive registration material, please call (916) 757-8569. Registration materials will be available after May 8.

A number of people have expressed an interest in attending a workshop in the San Francisco area. This third workshop will be held in the fall, providing there is sufficient interest.

For further information, please feel free to contact me at (916) 757-8860, Tuesday through Friday from noon until 4:00 p.m. I look forward to hearing your ideas, and working with you on this program.

Sincerely,

A handwritten signature in cursive script that reads "Darcie Houck".

Darcie Houck

Program Coordinator

Common Ground: Center for Cooperative Solutions  
University Extension, UC Davis



COMMON GROUND: CENTER FOR COOPERATIVE SOLUTIONS  
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## COLLABORATIVE PROBLEM SOLVING WORKSHOP

Collaborative problem solving is a method for dealing with complex issues and/or resolving disputes. This method engages stakeholders in identifying interests, creating options and obtaining mutual acceptable outcomes.

This one day Saturday workshop is designed for RAB members, and other stakeholders involved in the decision making of environmental issues at DOD facilities. The purpose of the workshop is to give participants additional tools and skills including:

- ✓ Identifying key stakeholders and involving them in the process.
- ✓ Clarifying issues and interests to provide a systematic framework for approaching the problem.
- ✓ Creating an effective communication process and building trust.
- ✓ Facilitating the process of generating options among participants.
- ✓ Determining the legitimacy and selecting the most appropriate options.
- ✓ Reaching resolution.
- ✓ Dealing with special problematic areas.

### Workshop Methodology

This workshop will be designed to support and enhance your efforts already underway. The workshop goal is to aid in the prevention of conflicts and to promote cooperative solutions to challenging environmental issues. After learning the model, participants will engage in a simulation, discuss the model's potential uses in their work, and examine case studies in analogous situations at other DOD facilities.

### Resources From UC Davis

- ✓ Office of Academic Outreach: Connecting the Resources of the University with the Community.
- ✓ UCD Defense Conversion Initiatives: for the past two years, UCD has been engaged in research, education and community revitalization at Mare Island Naval Shipyard.
- ✓ Common Ground: Center for Cooperative Solutions: A cooperative program of University Extension (the public service arm of the University) and the UCD School, helps citizens explore and create innovative solutions to complex public policy issues and problems.
- ✓ Toxic Substances Research and Teaching Program: The granting institution of this project, this program is a systemwide University of California program that facilitates research, teaching and public services in the area of toxic substances.

### Next Step

To register or for further information contact Darcie Houck at (916) 757-8869, Beth Greenwood at (916) 757-8569 or Mona Ellerbrock at (916) 757-8606.