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FACT SHEET REGARDING 24 JUNE 2003 RESTORATION ADVISORY BOARD MEETING  
WITH TRANSMITTAL LETTER NAS KEY WEST FL  
4/29/2003  
TETRA TECH NUS



TETRA TECHNUS, INC.

AIK-03-00

April 29, 2003

Project Number HK N4202

*via Electronic Email*

Commander  
Department of the Navy  
SOUTHDIV NAVFACENGCOM  
ATTN: Jim Reed (Code ES33)  
P.O. Box 190010  
North Charleston, South Carolina 29419-9010

Reference: CLEAN Contract No. N62467-94-D-0888  
Contract Task Order No. 0233

Subject: Fact Sheet – Restoration Advisory Board Meeting, Rev. 1,  
Naval Air Station, Key West, Florida

Dear Mr. Reed:

I have enclosed the PDF file for the Restoration Advisory Board Meeting Fact Sheet, Rev. 1, Naval Air Station, Key West, Florida. The file is being distributed to the members of the NAS Key West Partnering Team via electronic mail for their convenience and to meet TtNUS's contractual obligation under CTO 0233. I am planning on receiving comments or concurrence on this document from the Partnering Team members within the next 30 days.

Please call me at (803) 649-7963, extension 345, if you have any questions regarding the enclosed report.

Sincerely,

C. M. Bryan  
Project Manager

CMB:spc

Enclosure

c: Ms. Debbie Wroblewski (Cover Letter Only)  
Ms. T. Vaught, FDEP  
Mr. T. Ballard, USEPA Region IV  
Mr. S. Bivone, CCI

Mr. R. Courtright, NAS Key West  
Mr. R. Demes, NAS Key West  
Mr. M. Perry/File  
File 4202-7.2.1

**FACT SHEET  
RESTORATION ADVISORY BOARD MEETING  
JUNE 24, 2003**

**NAVAL AIR STATION  
KEY WEST, FLORIDA**

**COMPREHENSIVE LONG-TERM  
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT**

**Submitted to:  
Southern Division  
Naval Facilities Engineering Command  
2155 Eagle Drive  
North Charleston, South Carolina 29406**

**Submitted by:  
Tetra Tech NUS  
661 Andersen Drive  
Foster Plaza VII  
Pittsburgh, Pennsylvania 15220**

**CONTRACT NUMBER N62467-94-D-0888  
CONTRACT TASK ORDER 0233**

**APRIL 2003**

**PREPARED UNDER THE SUPERVISION OF:**

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**CHUCK BRYAN  
TASK ORDER MANAGER  
TETRA TECH NUS, INC.  
AIKEN, SOUTH CAROLINA**

**APPROVED FOR SUBMITTAL BY:**



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**DEBBIE WROBLEWSKI  
PROGRAM MANAGER  
TETRA TECH NUS, INC.  
PITTSBURGH, PENNSYLVANIA**



## FACT SHEET



### Naval Air Station Key West, Florida

#### RESTORATION ADVISORY BOARD MEETING, JUNE 24, 2003

#### STATUS OF ENVIRONMENTAL CLEANUP

The U.S. Navy continues to work toward cleaning up the environment through the Installation Restoration (IR) and Base Realignment and Closure (BRAC) programs. By investigating and remediating contamination from previous waste management and disposal activities, Naval Air Station (NAS) Key West can better protect public health and the environment. This fact sheet is being distributed to announce the upcoming meeting of the Restoration Advisory Board (RAB) to be held June 24, 2003, at 7:00 PM in the Hemmingway Room at the Sheraton Suites Key West. The RAB meeting is open to the public and will discuss the status of the IR and BRAC programs at NAS Key West in greater detail than the summaries provided by this fact sheet.

#### IR PROGRAM

Seven IR program sites, labeled Solid Waste Management Units (SWMUs) or IR sites, are part of the performance monitoring program at NAS Key West. These sites, which are being monitored on an annual basis, are located on Boca Chica Key, Fleming Key, and Key West. Another IR site, SWMU 9, located on Boca Chica Key, is undergoing a treatability study. A Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) is also underway at the former Blast Media Disposal Area on Boca Chica Key. In addition to monitoring and investigative activities, site cleanups were completed at SWMU 1 and a previous tar tank site on Boca Chica Key.

#### *Performance Monitoring*

The seven IR sites, last monitored in January 2003, are:

- SWMU 1 – Boca Chica Open Disposal Area
- SWMU 2 – Boca Chica DDT Mixing Area

- SWMU 5 – Former AIMD Sand Blasting Area
- SWMU 7 – Boca Chica Temporary Hazardous Waste Storage Area
- IR 1 – Truman Annex Refuse Disposal Area
- IR 7 – Fleming Key North Landfill
- IR 8 – Fleming Key South Landfill

Five-year reviews for each of these sites will be conducted this year to determine if the selected remedy (monitoring) continues to be appropriate for each site.



**IR 1 Sediment Sampling**

#### *Treatability Study*

SWMU 9, the Jet Engine Test Cell, is currently undergoing a treatability study due to volatile organic compound (VOC) contamination in groundwater. In January 2001, the groundwater was treated with subsurface injection of Oxygen Release Compound (ORC) and Hydrogen Release Compound (HRC). Quarterly monitoring of the site was conducted from July 2001 through April 2002. An annual monitoring event was conducted in January 2003, in coordination with the performance

monitoring. Results of the monitoring are favorable, indicating that the treatment has lowered groundwater contaminant concentrations significantly. However, an additional HRC application or alternative remedy is being considered to further lower contaminant concentrations to below action levels.

### ***RCRA Facility Assessment***

An RFA is underway at the Blast Media Disposal Area on Boca Chica Key. Soil, sediment, and groundwater at the site are being investigated to determine if disposal activities at the site are causing unacceptable risk to human health or the environment. An RFA Report will present the findings and recommendations for further action, if necessary.

### ***SWMU 1 Excavation***

SWMU 1, the former Boca Chica Open Disposal Area, underwent remediation with the removal of 3,300 cubic yards of petroleum-contaminated soil. The area was backfilled with clean soil, and injected with ORC to remediate any residual contamination.

An area adjacent to SWMU 1, where the foundation of an above-ground storage tank (AST) containing tar was located, also underwent remediation. The remains of the tank were removed, and contaminated soil surrounding the tank was excavated. The area was backfilled with clean soil and returned to the original grade.

### **BRAC PROGRAM**

The Navy has performed several cleanup actions inside and around Building 103 on Truman Annex. In addition, the Navy is continuing to monitor groundwater conditions in the southwest corner of the Poinciana Plaza Housing complex.

### ***Building 103***

The Navy performed extensive cleanups inside Building 103 to remove equipment and piping. Concrete floor and sump surfaces contaminated with polychlorinated biphenyls (PCBs) were cleaned and removed prior to transfer of the property to the City of Key West in December 2002.

### ***Poinciana Plaza Housing***

Groundwater at Poinciana Plaza Housing is monitored annually for arsenic, with the most recent sampling taking place in January 2003. Analytical results from this sampling indicate that concentrations of arsenic in groundwater continue to be greater than the regulatory action level. The groundwater at Poinciana Plaza Housing will continue to be monitored annually by the Navy.

### **UST PROGRAM**

The Navy has completed remediation of soil at the Trumbo Point Tank Farm to remove petroleum and arsenic contamination. Approximately 5,000 cubic yards of soil were excavated, treated using the ion collide process, and returned to the site.

Also, as part of the UST program, an active and passive free product recovery project was implemented at several monitoring wells identified as contaminated. This project will continue for the next year. On Demolition Key, the Navy also provided backfill to stabilize an area that had been previously remediated.

### **PUBLIC PARTICIPATION**

The Navy created an advisory panel in December 1995 called the RAB, which includes members from the community, the Navy, and other government agencies, to improve communication between decision-makers and the community. Regularly scheduled RAB meetings are open to the public.

The next RAB meeting will be held June 24, 2003, at 7:00 PM in the Hemmingway Room at the Sheraton Suites Key West. The current status of BRAC and IR sites will be discussed at the meeting and questions will be answered. To request information about the RAB, or to obtain more information concerning this Fact Sheet, please contact Mr. Robert Courtright.

**Mr. Robert Courtright  
NAS Key West IR Coordinator  
Environmental Branch  
Naval Air Station Key West  
Code 1883RC  
PO Box 9007  
Key West, Florida 33040-9007**



**SWMU 2 Fish Collection**