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NAS KEY WEST
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RESTORATION ADVISORY BOARD CHARTER WITH ATTACHMENTS NAS KEY WEST FL
3/21/1996
RESTORATION ADVISORY BOARD

NAVAL AIR STATION, KEY WEST

Installation Restoration Program Restoration Advisory Board

CHARTER

The Restoration Advisory Board (RAB) charter, herein referred to as "the charter," is entered into by Naval Air Station (NAS) Key West, Naval Facilities Engineering Command (NAVFAC) Southern Division, Florida Department of Environmental Protection (FDEP), U.S. Environmental Protection Agency (US EPA) and the community members.

1. Purpose and Function of the RAB

a. The purpose of the RAB is to promote community awareness and to obtain constructive community review and comment on environmental restoration actions to facilitate the overall cleanup of Installation Restoration (IR) Program sites. The RAB is designed to disseminate information about the IR Program and to ensure opinions about environmental restoration reflect the diverse interests within the community. The RAB mission is to establish a forum with the community, regulators and NAS Key West for the input and exchange of information in an open and interactive dialogue concerning the installation's environmental restoration program.

b. The NAS has developed a Community Relations Plan (CRP) which outlines the community involvement program. The RAB supplements the community involvement effort. A copy of the CRP is available at the information repository located at the Monroe County Public Library, Fleming Street in Key West.

2. Basis and Authority for the Charter

The basis and authority for this charter are contained in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986, particularly Sections 120(a), 120(f), and 121(f), and 10 U.S.C. 2705, enacted by Section 211 of SARA, and the Joint Department of Defense/US EPA memo of 27 Sep 1994, "Restoration Advisory Board Implementation Guidelines".

3. Community Membership

The membership shall include representatives from the Navy, a representative from the FDEP, a representative from the US EPA, and a minimum of five (5) community members.

a. Individual community members or organizations must reside, own property, or serve communities within the lower Florida Keys (Marathon Key to Key West).

b. Members shall serve without compensation. All expenses incidental to travel and related activities shall be borne by the community members or their organizations.

c. Members are expected to attend all RAB meetings or to delegate and send an alternate. If a member fails to attend or send an alternate to two consecutive meetings, the RAB co-chairs will ask that member to assess their commitment to the RAB, and if necessary, resign.

d. Members should be willing to communicate with local community members and interest groups concerned with specific base cleanup issues. Members will serve as a direct and reliable conduit for information flow to and from the community. To facilitate open and direct communication between the RAB members and the public, names and telephone numbers will be made available to the public and will be listed in meeting minutes.

e. Members unable to continue to fully participate shall submit their resignation in writing to either of the RAB co-chairs. Resigning members may nominate a candidate(s) to replace them. As with the selection of the existing RAB members, the base Commanding Officer (CO) will select a replacement from all possible candidates.

4. RAB Structure and Operating Procedures

a. The RAB shall be co-chaired by the NAS Key West Commanding Officer's designee (Navy co-chair) and a community member (Community co-chair). The arrangements for presiding over each meeting will be determined and agreed to by the co-chairs.

b. The community co-chair will be elected by a majority vote of the RAB community members each November. A community co-chair may serve more than one term, if re-elected by the RAB community members.

c. The RAB community membership is responsible for terminating a co-chair who is ineffective or detrimental to the progress of the RAB. Co-chair removal is determined by majority vote of the RAB community members present at the meeting that the removal is addressed.

d. The RAB shall meet bimonthly at a location determined by the presiding co-chair. Frequency of meetings may be adjusted if deemed necessary by the RAB.

e. Agenda items will be compiled by the co-chairs. Suggested topics should be given to the NAS or community co-chair not later than two weeks prior to the meeting. NAS Key West shall be responsible for providing written notification to all RAB members of the upcoming agenda, date, time, and location of scheduled RAB meetings. Meetings will be open to the public and notices will be provided to local newspapers of general circulation to the affected area, by NAS Key West. When time permits, meetings will be advertised to members of the mailing list of interested parties by NAS Key West.

f. The NAS co-chair shall be responsible for recording and disseminating meeting minutes. Also, the NAS co-chair shall collect a written list of attendees at each meeting which will be incorporated into meeting minutes. Meeting minutes from the previous meeting shall be adopted at the subsequent RAB meeting.

g. A copy of the RAB meeting minutes will be sent to all RAB members and will be available for public review in the information repository.

h. RAB members will be asked to review and comment on various environmental restoration documents. Members should generate and submit written comments or concurrence, addressed to the RAB membership, within the specified timeframe (usually 30 days). The NAS co-chair will compile all comments, ensure that a written response is provided to each, and distribute both comments and responses to each RAB member prior to the meeting scheduled to discuss the document. The RAB will attempt to resolve outstanding issues through consensus. When dissenting opinions exist, they will be noted in the meeting minutes.

i. Action items will be established at each RAB meeting. All action items will be listed in the minutes of the meeting at which they are assigned. Progress on each action item will be reviewed at each RAB meeting. When an action item is closed, the written response will be included in the minutes.

j. Final documents, member's comments, responses to comments, and RAB meeting minutes will become a part of the administrative record on which the selection of response action will be based. The administrative record will be available for public review.

5. Effective Date and Amendments

a. The effective date of this charter shall be the date that the last signatory signed this charter.

b. This charter may be amended by a majority vote of the members present. Amendments must be consistent with Part 2 of this charter (Basis and Authority for Charter).

6. Termination

This charter will be terminated upon completion of the final remedial design or it may be terminated earlier upon a majority vote of the RAB membership.

7. Signatories to the RAB Charter

IN WITNESS WHEREOF, we have set our hand this 15th day of December, 1995.



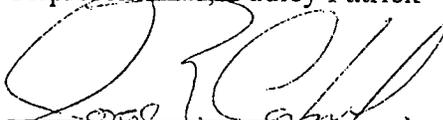
NAS Key West Commanding Officer's Designee, Co-Chair



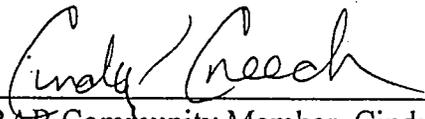
NAVFAC Southern Division Representative, Dudley Patrick



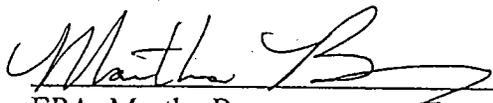
RAB Community Co-Chair, Susan Loder



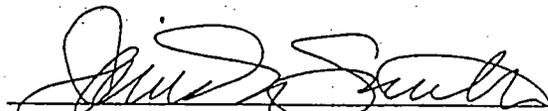
FDEP, Jorge Caspary



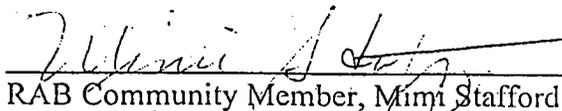
RAB Community Member, Cindy Creech



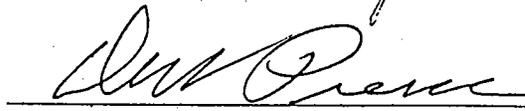
EPA, Martha Berry



RAB Community Member, Jim Smith



RAB Community Member, Mimi Stafford



RAB Community Member, Dent Pierce

RESTORATION ADVISORY BOARD (RAB) COMMENTS

Naval Air Station Key West
Key West, Florida
Community Relations Plan (CRP) - 1996 Update

RAB Member Cindy Creech

1. General comments:

- (a) "The (CRP) document should be printed on both sides of each sheet of paper."
- (b) "Copies of this (CRP) document and others should be made available to the public upon written request, either free or, in instances where the thickness of the document would make free distribution cost prohibitive, at cost. Copies of the written request forms should be on file at the site of the information repository. Time constraints may prohibit members of the public from thoroughly reading a document at the library during restricted hours of operations. This restriction may be viewed as a barrier to information flow."

Responses:

- (a) The final document will be produced as suggested.
- (b) As indicated in Appendix A of the CRP, the Information Repository is located in the Monroe County Public Library in Key West. The library has a varied schedule of day, evening, and weekend hours to accommodate the public. Photocopying equipment is also available at the library at a nominal fee if community members need copies of specific Information Repository materials. Also, many of the materials in the Information Repository will be discussed at Restoration Advisory Board and other meetings which are advertised and open to the public. The Navy believes that these opportunities for public information review are sufficiently flexible to meet the informational needs of the community.

2. Specific Comments:

- (a) Page 13: "To the list of recommended media outlets, add the following: *Solares Hill*, a weekly publication distributed to local businesses at no charge."
- (b) Pages 19-22: "To each site description, add a brief discussion of the contamination explaining the specific contaminants suspected and/or demonstrated to be present; the range of concentrations; the extent of contamination (e.g., surface water, sediment, top soil, groundwater, or all of the above); potential for migration; seriousness of the threat, etc. Some of this information is provided in Table 2. However, many members of the general public will fail to make the link between the table and the text."
- (c) Page 23, paragraph 2, line 5: "Add a sentence explaining how to obtain a copy of a document through a written request."
- (d) Page 23, paragraph 3, line 6: "Add a sentence stating that the minutes of the RAB meeting(s) are to be part of the administrative record."
- (e) Page 24, paragraph 1, line 4: "Tell the interested members of the public how to have their names added to the mailing list."

- (f) Page 26, Table 3, Feasibility Study and Proposed Plan Activities block: "Change the word "should" to "shall" in the following sentence: Note: Required public notices and advertisements should be placed in local Spanish-language media outlets."
- (g) Appendix B, Page 29: "The following acronyms were used in the document and not listed in this appendix: CMI, CMS, PA, ROD, and RI/FS. IR is defined as Installation Restoration; the word 'program' is not needed."

Responses:

- (a) The suggested text will be added.
- (b) The referenced text will be modified to include a brief discussion of the contamination and associated issues at each site.
- (c) See response to comment 1 (b).
- (d) The suggested text will be added.
- (e) The referenced text will be revised to include the NAS Key West Public Affairs Office mailing address and telephone number as a contact point for members of the public wishing to join the mailing list.
- (f) Table 3 lists recommended community relations activities for the IR program. Consequently, the use of the word "should" is appropriate for the note on Spanish-language notices. The Navy will undertake to identify the need for complete translations of public notices and information materials on a case-specific basis.
- (g) Appendix B will be revised as suggested.

RAB Community Co-Chair Susan Loder

3. General Comments:

- (a) "More should be said about the status of the sites. Table 2 states the status of interim cleanup and investigations, but the plan does not describe what action is being implemented, i.e., dig and haul, etc. Maybe the "Site Descriptions" section on pages 19 through 22 should include the type of action being conducted or that has already been completed."

Responses:

- (a) The referenced text will be modified to include information of site status.

4. Specific Comments:

- (a) Page 7, last paragraph, third sentence: "a opportunity" should be "an opportunity".
- (b) Page 11, first sentence under "Community Interviews" heading: "sentence is long and confusing and its intent is not clear."
- (c) Page 21, first sentence is repeated from page 20.

Responses:

- (a) The phrase "a opportunity" does not appear in the referenced text.
- (b) The referenced text will be revised as follows: "In accordance with U.S. Environmental Protection (USEPA) community relations guidance, area residents and representatives of interested organizations have been interviewed to identify community concerns regarding cleanup activities at NAS Key West."

RAB Member Dent Pierce

Mr. Pierce had no comments on the CRP.

RAB Member James Smith

Mr. Smith had no comments on the CRP.

RAB Member Mimi Stafford

Ms. Stafford had no comments on the CRP.

NAVAL AIR STATION KEY WEST
RESTORATION ADVISORY BOARD

FOR RAB CONSIDERATION: PUBLIC COMMENTS/RESPONSES AT RAB MEETINGS

In response to a comment made during the Restoration Advisory Board (RAB) follow-up meeting on January 30, 1996, at Naval Air Station (NAS) Key West, this paper describes four methods for handling public questions and comments that arise during RAB public meetings.

This paper assumes that the public comments and questions discussed below deal with the environmental cleanup efforts at NAS Key West, and that questions dealing with other matters will be forwarded to the NAS Key West Public Affairs Officer for resolution.

This paper does not endorse allowing members of the public to speak out at any time, which would disrupt the business of the RAB.

1. The RAB could allow the public to ask questions or make comments at specific times noted in the meeting agenda (usually after a speaker's presentation or before moving to a new topic).

ADVANTAGES: Setting aside specified periods for questions and comments gives the public a sense of immediacy and participation and yet enables the RAB to retain control of the meeting. It encourages discussions focused on individual topics or issues.

DISADVANTAGES: The set-aside periods could delay meeting progress with extended discussions if the RAB does not establish and keep reasonable guidelines for the public to follow (e.g., no more than 5 or 10 minutes for each subject/question).

2. The agenda could include a period at the end of the RAB meeting for public comments and questions.

ADVANTAGES: A single public participation period at the end would enable the RAB to conduct its business without interruption and would enable the public to follow the meeting and make notes on the topics about which they have questions or comments.

DISADVANTAGES: Without RAB control and guidance, the single period could become confusing as individuals voiced questions and comments on a number of different topics. Again, the RAB would have to establish reasonable guidelines for the public. Further, the public would lose their sense of immediacy in relation to particular topics.

3. The RAB could have a closed meeting and follow it with a meeting that was open to the public to discuss the business conducted and present any new cleanup initiatives or proposals.

ADVANTAGES: The closed meeting would enable the RAB to conduct its business without fear of interruption. The public meeting would provide a forum specifically designed for questions and comments.

DISADVANTAGES: This method is not in the spirit of the public involvement requirements of either the Resource Conservation and Recovery Act (RCRA) or the Comprehensive Environmental Response, Liability, and Recovery Act (CERCLA). Further, prohibiting the public from attending the RAB meeting could build distrust of the Navy's cleanup program and a belief that there was something to hide. Separating the RAB members from the public they represent would build resentment on the part of both the public and the RAB members.

4. The RAB meeting would not include any time for public comments or questions. Rather, the public would be invited to submit comments in writing at the meeting and by mail if desired. RAB members and/or the Navy would provide responses as an agenda item at the next meeting.

ADVANTAGES: Again, this method would enable the RAB meeting to proceed without interruption. Members of the public would be able to reflect on their comments and structure them as they wished. Without a time constraint the comments could be as long as the public deemed necessary. This method would also provide time for RAB members and the Navy to develop, review, and approve responses.

DISADVANTAGES: While within the purview of RCRA and CERCLA, this method eliminates any sense of public involvement other than attendance. It would probably promote more non-attendance. Any sense of immediacy and participation would be lost as the public would have to wait 2 months for answers to their questions (which might have no significance by that time).

QUESTIONS OR COMMENTS

**NAVAL AIR STATION KEY WEST
RESTORATION ADVISORY BOARD**

Do you have any questions or comments you want to submit to the Restoration Advisory Board or to Naval Air Station Key West about environmental cleanup? Please mail this form to:

Commanding Officer
Naval Air Station Key West
Public Works Engineering Department
Code 1883, P.O. Box 9007
Key West, FL 33040-9001

(If you need more room, please use the back of the form.)

Please provide the following information:

Full name

Organization you represent (if any)

Street address

City, state, zip code

Daytime telephone number

ENVIRONMENTAL PUBLIC MEETING NOTICE

The Restoration Advisory Board (RAB) of Naval Air Station, Key West, made up of community members, representatives of the U.S. Navy, and state and regulatory agencies, is holding its second open meeting to discuss environmental cleanup activities at the Station. The meeting will be held on March 25, 1996 at 7:00 PM in the Knights of Columbus Hall, 3401 Northside Drive, Key West. The public is invited to attend and participate in an informal question and answer period following the business portion of the RAB meeting. Technical experts on the environmental program will be on hand to meet with community members at that time.

Documents on the environmental program at Naval Air Station, Key West are available for public review and copying at the Monroe County Library, 700 Fleming Street, Key West. They are located in the Local and State History Department.

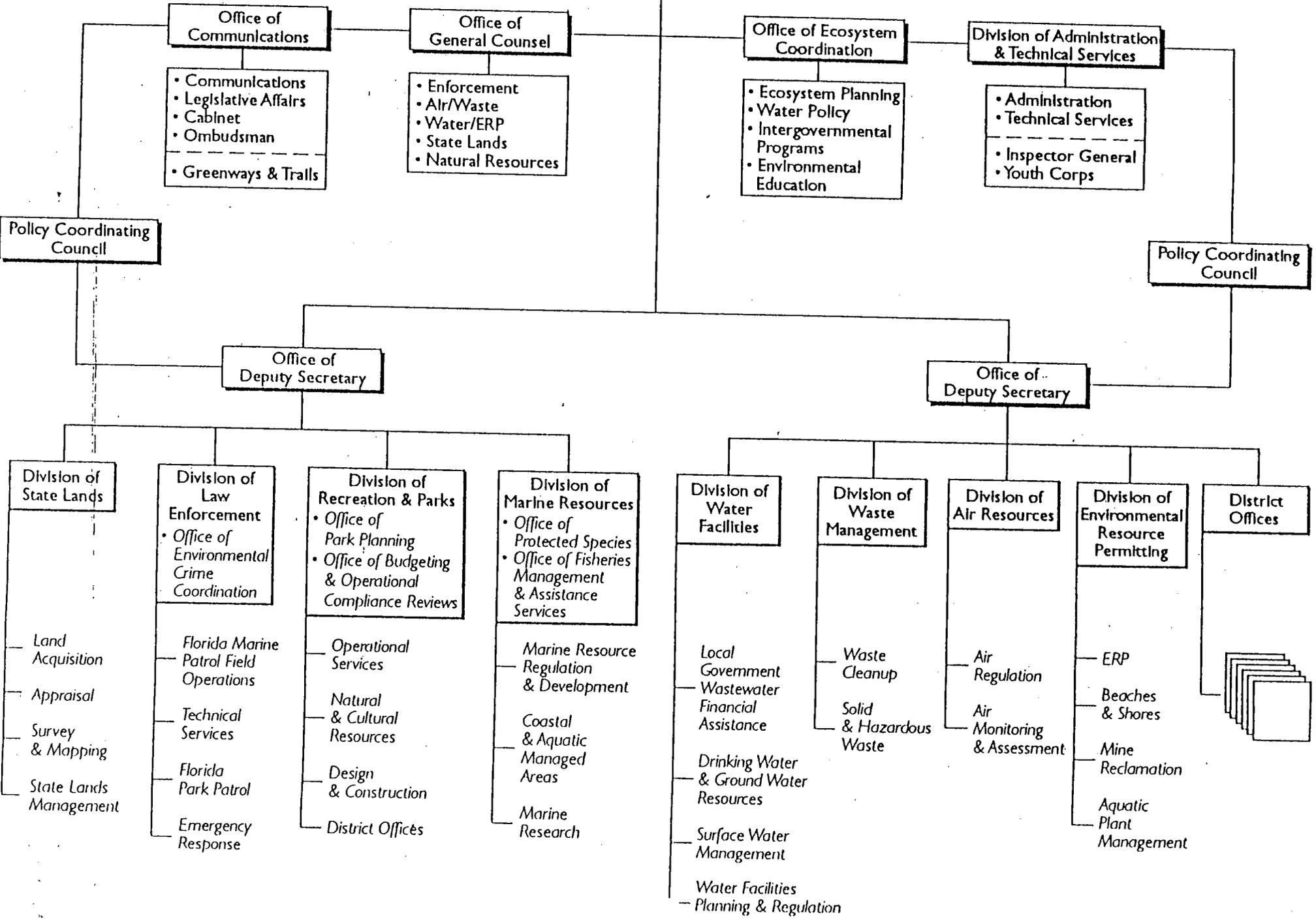
For further information, please call Helen Stanley at (305) 293-2060 or LT Jonathan Hupp at (305) 293-2425. Deaf and Hard of Hearing Persons: A sign language interpreter is available on request. Call LT Hupp at (305) 293-2425 using FRS by March 21 to request interpreter services.

**NAVAL AIR STATION KEY WEST
RESTORATION ADVISORY BOARD MEMBERSHIP LIST**

Member	Address	Telephone Number	Fax Number
Martha Berry	U.S. EPA 100 Alabama Street, SW Atlanta, GA 30303	404-562-8533	404-562-8518
Jorge Caspary	State of Florida Dept. of Envir. Pro. 2600 Blair Stone Rd. Tallahassee, FL 32399	904-921-9988	
Ron Demes	Code 188 NAS Key West P. O. Box 9000 Key West, FL 33040- 9001	305-293-2194	305-293-2542
Susan Loder	1100 Kennedy Drive Key West, FL 33040 705 Catherine St. Key West, FL 33040	305-296-2454 (day) 305-292-1910 (night)	305-294-5683
Robin Orlandi	P. O. Box 6102 Key West, FL 33040	305-293-8807	
Dudley Patrick	Code 1858 Southern Division, NAVFACENCOM 2155 Eagle Drive North Charleston, SC 29419-9010	803-820-5541	803-743-0465
Dent Pierce	5100 College Road Key West, FL 33040	305-292-4560 (day) 205-294-5014 (night)	305-292-4558
James (Jim) Smith	Mile Marker 29.75 P. O. Box 430520 Big Pine Professional Building Big Pine Key, FL 33043	305-872-1182 (day) 305-872-8833 (night)	305-872-1184
Mimi Stafford	352 Boca Chica Road Key West, FL 33040	305-296-5947	305-296-3424



SECRETARY



Names and Numbers at the DEP



Department of Environmental Protection

3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000

Secretary

Virginia B. Wetherell
488-1554 - 488-4805

Mollie Palmer, Special Assistant - 488-1554

Ken Plante, General Counsel, 488-9730
Pinky Hall, Inspector General -- 488-2287
Fred Ayer, Greenways & Trails -- 488-3701
Youth Corps -- 488-9640

Assistant Secretaries

Kirby Green, 488-7131 Dan Thompson, 921-9717

Office of Ecosystem Management

Executive Coordinator for Ecosystem Management - Pam McVety - 488-7454

Ecosystem Planning and Coordination

Ernie Barnett - 488-4892

Water Policy/SWIM

Chuck Aller - 488-0784

Intergovernmental Programs

Debbie Parrish - 487-2231

Environmental Education

Jim Lewis - 488-9334

Office of Executive Liaison

Dale Patchett, Executive Liaison Officer - 488-2960

Legislative & Cabinet Affairs

Diana Hadi- 487-2916

Communications

April Herrle - 488-1073

Ombudsman

Buddy Johnson - 921-1222

Divisions

Administrative and Technical Services

Nevin Smith, Executive Services Director - 488-2955

Director of Administrative Services
Myra Williams -- 488-0878

Budget - Toni McCoy -- 488-2076
Bureau of Finance & Accounting - Jack Dull -- 488-1093
Bureau of General Services - John Cherry -- 488-1309
Bureau of Human Resource Services - Alyce Parmer -- 488-0450

Director of Technical Services
Mimi Drew -- 488-2790

Bureau of Geology - Walter Schmidt - 488-4191
Bureau of Information Systems - John Willmott - 488-0892
Bureau of Laboratories - Jerry Brooks - 488-2790
Biology - Landon Ross - 487-2245
Chemistry - Bill Coppenger - 487-2571
Quality Assurance - Sylvia Labie - 488-2796
Mercury Program - Tom Atkeson - 921-0884

Air Resources Management

Howard Rhodes -- 488-0114

Office of Policy Analysis and Program Management - Larry George - 488-0114
Bureau of Air Monitoring & Mobile Sources - Dotty Diltz - 488-6140
Bureau of Air Regulation - Clair Fancy - 488-1344

Law Enforcement

Mickey Watson -- 488-5757 ext 33 or 488-5600 ext. 33

Deputy Director - Cliff Kidd - 488-5600 ext. 76
Deputy Director - Andy Grayson - 488-5600 ext. 77
Bureau of Technical Services - Col. Henry Nash - 488-5600 ext. 24
Bureau of Field Operations - (Vacant) - 488-5600 ext. 41
Bureau of Emergency Response - Debbie Prebble - 487-2974
Office of Environmental Crime Coordination - Clabe Polk - 488-5600 ext. 71
Bureau of Florida Park Patrol - 488-5600 ext. 44

Marine Resources
Ed Conklin -- 488-6058

Assistant Director, Ed Irby - 488-6058
Office of Protected Species Management - Pat Rose - 922-4330
Office of Fisheries Management & Assistance Services - Virginia Vail - 922-4340
Florida Marine Research Institute (St. Petersburg) Ken Haddad - 813-896-8626
Bureau of Marine Resource Regulation & Development - David Heil - 488-5471
Bureau of Coastal and Aquatic Managed Areas - Anna Marie Hartman - 488-3456
Saltwater Licenses & Permits - 487-3122

Recreation & Parks
Fran Mainella -- 488-6131

Assistant Director, Joseph F. Knoll - 488-8857
Office of Park Planning - Albert Gregory - 488-2200
Office of Local Recreational Services - Don Gerteisen - 488-7896
Office of Budgeting and Operational Compliance Review - Steve Dana - 487-2309
Bureau of Design & Construction - Mike Bullock - 488-5372
Bureau of Natural and Cultural Resources - Mark Glisson - 488-8666
Bureau of Operational Services - John Baust - 488-3300

State Lands
Pete Mallison -- 488-2725

Assistant Director, Diana Dartland - 488-3797
Bureau of Appraisal - John Santangini - 488-9025
Bureau of Survey & Mapping - Terry Wilkinson - 488-2427
Bureau of Land Acquisition - Ed Kuester - 488-2351
Bureau of Land Management Services - Dan Crabb - 488-2291

Waste Management
John Ruddell -- 487-3299

Bureau of Waste Cleanup - Doug Jones - 488-0190
Bureau of Solid & Hazardous Waste - Bill Hinkley - 488-0300

Environmental Resource Permitting
Jeremy Craft -- 488-3177

Assistant Director, Janet Llewellyn - 488-0130
Bureau of Beaches and Coastal Systems - Al Devereaux - 488-3181
Bureau of Aquatic Plant Management - Tom Brown - 488-5631
Bureau of Mine Reclamation - Joe Bakker - 488-8217
Bureau of Submerged Lands & Environmental Resources - Mike Ashley - 488-0130

Water Facilities

Richard Harvey - 487-1855

Assistant Director, Mark Latch - 487-1855

Bureau of Drinking Water & Ground Water Resources - Mary Williams - 488-3601

Bureau of Water Facilities Planning & Regulation - Richard Drew - 487-0563

Bureau of Local Government Wastewater Financial Assistance - Don Berryhill - 488-8163

Bureau of Surface Water Management - Vivian Garfein - 488-6221

District Offices

Northwest

160 Government Center, Pensacola, FL 32501-5794

Director of District Management, Bobby Cooley - 904-444-8300

Panama City Branch - (904) 872-4375

Tallahassee Branch - 488-3704

Sopchoppy Satellite - (904) 697-2040

Northeast

Suite 200B, 7825 Baymeadows Way, Jacksonville, FL 32256-7577

Director of District Management, Ernest E. Frey, 904-448-4300

Gainesville Branch - (904) 336-2095

Central

3319 Maguire Blvd., Orlando, FL 32803-3767

Director of District Management, vacant, 407-894-7555

Melbourne Satellite - (407) 984-4800

Southwest

3804 Coconut Palm Drive, Tampa, FL 33619-8218

Director of District Management, Richard D. Garrity, 813-744-6100 x 352

Bartow Satellite - (813) 534-1448

Southeast

1900 S. Congress Ave., Suite K, (P.O. Box 15425 - zip 33416) West Palm Beach, FL 33406

Director of District Management, Carols Rivero deAguilar, 407-433-2650

Port St. Lucie Branch - (407) 335-4310

South

2295 Victoria Ave., Suite 362, Fort Myers, FL 33901

Director of District Management, Peter Ware, 813-332-6975

Marathon Branch - (305) 289-2310

Punta Gorda Satellite - (813) 639-4967

Marine Patrol

- District 1 - Panama City - (904) 233-5150 - Maj. R.L. Douglas
- District 2 - Carrabelle - (904) 697-3741 - Maj. R.J. Lee
- District 3 - Crystal River- (904) 447-1633 - Vacant
- District 4 - Tampa - (813) 272-2516 - Maj. J.S. Venero
- District 5 - Fort Myers - (813) 332-6971 - Vacant
- District 6 - Miami - (305) 325-3346 - Maj. K.B. Clark
- District 7 - Titusville - (407) 383-2740 - Maj. A.H. Marsden
- District 8 - Jacksonville - (904) 270-2500 - Maj. R.Q. Bennett
- District 9 - Marathon - (305) 289-2323 - Maj. R.H. McCullers
- District 10 - Jupiter - (407) 624-6935 - Maj. J.C. Rogers
- District 11 - Pensacola - (904) 444-8978 - Maj. C.E. Dixon

Park Districts

- District 1 - Panama City - (904) 233-5110 - Glavis C. Tiller, Jr.
- District 2 - Gainesville - (904) 955-2135 - Torrey Johnson
- District 3 - Apopka - (407) 884-2000 - William L. Perry
- District 4 - Osprey - (813) 483-5944 - Mike Murphy
- District 5 - Hobe Sound - (407) 546-0900 - Richard A. Domroski
- Key Largo Office - (305) 345-3005 - Ed Higgins

**NAVAL AIR STATION, KEY WEST
RESTORATION ADVISORY BOARD
GLOSSARY OF ENVIRONMENTAL CLEANUP TERMS**

ABB-ES	ABB Environmental Services, Inc.
ACBM	asbestos-containing building material
ACM	asbestos-containing material
AIMD	Aircraft Intermediate Maintenance Department
AOC	area of concern
ARAR	applicable or relevant and appropriate requirement
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
ATSDR	Agency for Toxic Substances and Disease Registry
AVGAS	aviation gasoline
AWQC	ambient water quality criteria
BAT	best available technology
BDAT	best demonstrated available technology
BEC	Base Realignment and Closure Environmental Coordinator
BEI	Bechtel Environmental, Inc.
BRAC	Base Realignment and Closure
CAMP	Corrective Action Management Plan
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR	Code of Federal Regulations
CLEAN	Comprehensive Long-Term Environmental Action, Navy
CLP	Contract Laboratory Program
CMS	Corrective Measures Study
CO	Commanding Officer
COC	chemical of concern
COR	Contracting Officer's Representative
CPC	chemical of potential concern
CRDL	contract required detection limit
CRL	certified reporting limit
CRP	Community Relations Plan
CRQL	contract required quantitation limit
CRZ	contamination reduction zone
CSF	cancer slope factor
CTO	Contract Task Order
CWA	Clean Water Act
DDT	dichlorodiphenyltrichloroethane
DERA	Defense Environmental Restoration Account
DERP	Defense Environmental Restoration Program
DI	deionized
DNAPL	dense nonaqueous phase liquid
DO	dissolved oxygen
DOD	U.S. Department of Defense

DOT	U.S. Department of Transportation
DQO	data quality objectives
ECPC	ecological contaminants of potential concern
EIC	Engineer-in-Charge
EOD	Explosive Ordnance Department
EPA	U.S. Environmental Protection Agency
ERA	Ecological Risk Assessment
FDA	Florida Department of Agriculture
FDEP	Federal Department of Environmental Protection
FGFFC	Florida Game and Freshwater Fish Commission
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FKAA	Florida Keys Aqueduct Authority
FNAI	Florida Natural Areas Inventory
FOL	Field Operations Leader
FR	<i>Federal Register</i>
Free FOD	free from foreign object debris
FS	Feasibility Study
FSO	Field Safety Officer
FSP	Field Sampling Plan
FSWQs	Florida Surface Water Quality Standards
FWS	Fish and Wildlife Service (U.S. Department of the Interior)
GAC	granular activated carbon
GC	gas chromatography
GC/MS	gas chromatography and mass spectrometry
HASP	Health and Safety Plan
HAZMAT	hazardous material
HAZWRAP	Hazardous Waste Remedial Actions Program
HI	Hazard Index
HSWA	Hazardous and Solid Waste Amendments
IRA	Interim Remedial Action
IRIS	Integrated Risk Information System
IRP	Installation Restoration Program
IT	International Technology Corporation
JP-5	jet petroleum 5 (Navy jet fuel)
LC	lethal concentration
LD ₅₀	lethal dose where 50 percent of test population dies
LDR	land disposal restriction
LEL	lower explosive limit
LNAPL	light nonaqueous phase liquid
LOAEL	lowest observed adverse effect level
LOEL	lowest observed effect level

m ³	cubic meter
MAG	magnetometer
MATS	Military Air Transport Services
MAW	Military Airlift Wing
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
MDL	method detection limit
mg	milligram
mg/kg	milligrams per kilogram
mg/l	microgram per liter
µg/l	microgram per liter
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MSL	Mean Seal Level
NAS	Naval Air Station
NAVFAC	Naval Facilities Engineering Command
NCP	National Contingency Plan
NEESA	Naval Energy and Environmental Support Activity
NOAA	National Oceanic and Atmospheric Administration
NOV	Notice of Violation
NPDES	National Pollutant Discharge Elimination System
NPL	National Priority List
NSPS	New Source Performance Standards
NTC	Naval Training Center
NTU	nephelometric turbidity units
O&M	operations and maintenance
OD	outside diameter
OSHA	Occupational Safety and Health Administration
OU	Operable Unit
OVA	organic vapor analyzer
PA	Preliminary Assessment
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyl
PEL	permissible exposure limit
PID	photoionization detector
PM	Program Manager
PMP	Project Management Plan
PNA	polynuclear aromatic
POA	Plan of Action
RAC	Remedial Action Contractor
RAM	Responsibility Assignment Matrix
RBC	risk based concentration
RCRA	Resource Conservation and Recovery Act
RF	response factor
RFA	RCRA Facility Assessment
RfC	reference concentration

RfD	reference dose
RFI	RCRA Facility Investigation
RI	Remedial Investigation
RI/FS	Remedial Investigation and Feasibility Study
ROD	Record of Decision
ROICC	Resident Officer in Charge of Construction
RPD	relative percent difference
RPM	Remedial Project Manager
RRF	relative response factor
SA	Site Assessment
SAP	Sampling and Analysis Plan
SARA	Superfund Amendments and Reauthorization Act
SC	screening concentration
SCBA	self-contained breathing apparatus
SCS	Soil Conservation Service (USDA)
SDG	sample delivery group
SDWA	Safe Drinking Water Act
SF	slope factor
SI	Site Inspection
SOP	Standard Operating Procedure
SOUTHDIV	Southern Division, NAVFAC
SOUTHNAV- FACENCOM	Southern Division, Naval Facilities Engineering Command
SVOC	semi-volatile organic compound
SWMU	Solid Waste Management Unit
TCLP	Toxicity Characteristics Leaching Procedure
TICs	tentatively identified compounds
TOC	Total Organic Carbon
TOM	Task Order Manager
UCL	upper confidence limit
UIC	Unit Identification Code
US FWS	United States Fish and Wildlife Service
USCG	U.S. Coast Guard
USCS	Unified Soil Classification System
USDA	U.S. Department of Agriculture
USGS	U.S. Geological Survey
UST	underground storage tank
UXO	unexploded ordnance
VOC	volatile organic compound
VSI	Visual Site Inspection
WBS	work breakdown structure
WWTP	wastewater treatment plant
Yd ³	cubic yard