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NAS PENSACOLA
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LETTER AND CONCURRENCE FROM FLORIDA DEPARTMENT OF ENVIRONMENTAL
PROTECTION REGARDING REVIEW OF FINAL RECORD OF DECISION SITE 40 NAS
PENSACOLA FL
10/19/2004
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

October 19, 2004

Mr. Bill Hill
Code ES311
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
Post Office Box 190010
North Charleston, South Carolina 29419-9010

RE: Final Record of Decision Operable Unit 15 Site 40, Bayou Grande, Naval Air Station Pensacola, Pensacola, Florida

Dear Mr. Hill:

The Department has completed the review of the above referenced document dated August 27, 2004 (received October 18, 2004). The Department of Environmental Protection concurs with the Navy's selected remedy of No Further Action at Operable Unit 15, Site 40, Bayou Grande, Naval Air Station Pensacola. Attached please find a copy of the initial approval letter sent out in July 2004.

If you have any questions concerning this letter of concurrence, please contact Ms. Tracie L. Vaught, our NAS Pensacola Remedial Project Manager, at (850) 245-8998.

Sincerely,

Tracie L. Vaught
Remedial Project Manager

cc: file

JJC ESN

73



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

July 1, 2004

Mr. Bill Hill
Code ES311
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
Post Office Box 190010
North Charleston, South Carolina 29419-9010

Dear Mr. Hill:

The Department of Environmental Protection concurs with the Navy's selected remedy of No Further Action at Operable Unit 15, Site 40, Bayou Grande, Naval Air Station Pensacola. If you have any questions concerning this letter of concurrence, please contact Ms. Tracie L. Vaught, our NAS Pensacola Remedial Project Manager, at (850) 245-8998.

Sincerely,

A handwritten signature in blue ink, appearing to read "M. W. Sole".

Michael W. Sole, Director
Division of Waste Management

MWS/tlv

cc: file

Florida Department of
Environmental Protection

Memorandum

TO: Mike Sole, Director
Division of Waste Management

THROUGH: Douglas A. Jones, Chief *DJ 6/30/04*
Bureau of Waste Cleanup

James J. Crane, P.G. Administrator *JJC*
Federal Programs Section

FROM: Tracie L. Vaught, Project Manager *TV 6/23/04*
Federal Programs Section

DATE: June 23, 2004

SUBJECT: Record of Decision, Operable Unit 15, Site 40, Bayou Grande, Naval
Air Station Pensacola, FL

Attached for your review and signature is a letter of concurrence to Southern Division Naval Facilities Engineering Command regarding the Record of Decision, Operable Unit 15, Site 40, Bayou Grande, Naval Air Station Pensacola. The Record of Decision presents the selected remedy at Site 40 as No Further Action.

Operable Unit 15, Site 40, includes Bayou Grande, and is an estuarine water body adjacent to the northern border of Naval Air Station (NAS) Pensacola in Escambia County, Florida. It has a total surface area of approximately 1.5 square miles and approximately 20 miles of total coastline. Approximately 8.5 miles of Bayou Grande coastline border NAS Pensacola property. The remedial investigation area is separated into four assessment zones (AZ) AZ-1, AZ-2, AZ-3, and AZ-4.

Two investigations have been conducted to identify chemicals of concern for sediments to establish preliminary remedial goals and to delineate contamination. A total of 143 sediment samples were collected and analyzed in two phases of assessment between February, 1995 to August, 2002. During these investigations mercury, dieldrin, chrysene, fluoranthene and phenanthrene were found in the sediments. Assessment zones 1, 2, 3 and 4 had mercury contamination. The source for this is surface drainage features that feed into the four assessment zones. Dieldrin, Chrysene, and Fluoranthene were detected in one sample in AZ-3. Phenanthrene was detected in two samples above the Sediment Screening Level (SSL), also in AZ-3. Due to this minimal number of detections, this is not a significant pathway for these organic constituents.

These Contaminants of Potential Concern (COPCs) were assessed in the ecological risk assessment evaluation conducted in accordance with the U.S. EPA Risk

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Mr. Mike Sole
Page two
June 18, 2004

Assessment Guidance (RAG) for Superfund, U.S. EPA Region IV Ecological Risk Assessment Bulletins – Supplement to RAGs, U.S. EPA Amended Guidance on Ecological Risk Assessment at Military Bases and the Navy Policy for Conducting Ecological Risk Assessments. The results of the analysis indicated that most of the chemicals detected in sediment and surface water at Site 40 do not present unacceptable risks to ecological receptors. Surface water data were summarized and screened against risk-based surface water Preliminary Remedial Goals (PRG) and Ambient Water Quality Criteria (AWQCs). No other chemical except arsenic exceeded either screening value. Arsenic was reported in surface water at a concentration above its AWQC, but was not subsequently identified as a Contaminant of Concern (COC) based on the risk-based evaluation of fish tissue data. The University of Florida has reviewed this and agrees with the conclusion that this site does not pose a threat to ecological or human health.

A Remedial Investigation/Baseline Risk Assessment Addendum (RI/BRA Addendum) was prepared in August 2003. This document summarized the results of previous investigations, discussed the additional investigations, and described the nature and extent of contamination. The document also presented human health and ecological Preliminary Risk Evaluations (PRE) and recommended that Site 40 be designated a No Further Action Site. The Department approved the RI/BRA Addendum for No Further Action in a letter dated October 17, 2003.

Public notice of the availability of the Proposed Plan was placed in the Pensacola News Journal on May 23, 2004. No changes to the proposed remedy, as originally identified in the Proposed Plan, have been made as a result of public comments.

The Navy and EPA have concluded that No Further Action is required at this site and have signed the Record of Decision.

I recommend you sign the attached letter of concurrence.

TLVtlv

Attachments (3)

JJC   for
ESN



Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

October 17, 2003

Mr. Bill Hill
Code ES311
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
P.O. Box 190010
North Charleston, South Carolina 29419-9010

RE: Final Remedial Investigation Report Addendum 1 Bayou Grande and Final Remedial Investigation Report Addendum 2 Bayou Grande Errata Sheets, Naval Air Station Pensacola

Dear Mr. Hill:

I have completed the technical review of the above referenced documents. Addendum 1 dated August 9, 2003 (received August 12, 2003) and the errata sheets for Addendum 2 dated July 8, 2003 (received July 10, 2003). The Department finds these documents to be adequate for their intent and approved.

If I can be of any further assistance with this matter, please contact me at (850) 245-8998.

Sincerely,


Tracie L. Vaught
Remedial Project Manager

enclosures

cc: Ron Joyner, NAS Pensacola
Gena Townsend, USEPA Region 4
Brian Caldwell, EnSafe, Knoxville
Allison Harris, EnSafe, Memphis
Gerry Walker, Tetra Tech NUS, Inc., Tallahassee
Charlie Goddard, FDEP Northwest District
Amy Twitty, CH2M Hill, Navarre Beach

TJB



JJC

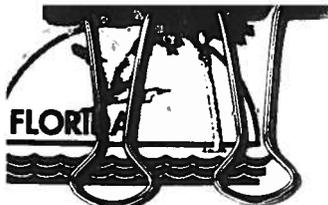


ESN



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Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

December 5, 2003

Mr. Bill Hill
Code ES311
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
P.O. Box 190010
North Charleston, South Carolina 29419-9010

RE: Proposed Plan for Site 40 Bayou Grande, (Operable Unit
15) contract # N62467-89-D-0318/083, Naval Air Station
Pensacola

Dear Mr. Hill:

I have completed the technical review of the above
referenced document dated September 2, 2003 (received
September 2, 2003). The Department finds these documents to
be adequate for their intent and approved.

If I can be of any further assistance with this matter,
please contact me at (850) 245-8998.

Sincerely,

Tracie L. Vaught
Remedial Project Manager

cc: Ron Joyner, NAS Pensacola
Greg Fraley, USEPA Region 4
Brian Caldwell, EnSafe, Knoxville
Allison Harris, EnSafe, Memphis
Charlie Goddard, FDEP Northwest District

JHC

JJC

ESN

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UNIVERSITY OF FLORIDA

Center for Environmental & Human Toxicology

P.O. Box 110885
Gainesville, Florida 32611-0885
Tel.: (352) 392-4700, ext. 5500
Fax: (352) 392-4707

June 23, 2004

Ligia Mora-Applegate
Bureau of Waste Cleanup
Florida Department of Environmental Protection
Room 471A, Twin Towers Office Building
2600 Blair Stone Rd.
Tallahassee, FL 32399

Re: Site 40, Naval Air Station Pensacola

Dear Ms. Mora-Applegate,

At your request, we have reevaluated issues pertaining to sediments contaminated with polychlorinated biphenyls (PCBs) in Bayou Grande, Site 40 Naval Air Station Pensacola. As you may remember, we reviewed the August 9, 2002 Final Remedial Investigation Report Addendum. In our review, we expressed concern with, among other things, the relatively high concentrations of PCBs reported for sediments. After several discussions between the Navy and FDEP, the only remaining issues for this site are these reportedly high PCB concentrations. However, it has been shown to us that the PCB sediment concentrations are in fact 1000 times lower than originally reported because of a units error. Therefore, it appears that there are no remaining issues preventing this site moving forward in the process.

We hope that our comments have been helpful. Please contact us if you have any further questions.

Sincerely,

Handwritten signature of Hugo G. Ochoa in black ink.

Hugo G. Ochoa, DVM, PhD

Handwritten signature of Stephen M. Roberts in black ink.

Stephen M Roberts, PhD