

N60508.AR.002428  
NAS WHITING FIELD  
5090.3a

LETTER SUBMITTING SITE 1 RECORD OF DECISION WITH CORRECTIONS NAS WHITING  
FIELD  
3/24/2000  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Florida Department of  
**Environmental Protection**

**Memorandum**

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**TO:** Craig Benedikt, Linda Martin and ~~Rao~~ Angara\*  
**THROUGH:**  
**FROM:** Jim Cason  
**DATE:** March 24, 2000  
**SUBJECT:** "The" ROD (Site 1 ROD)

Enclosed is a copy of the ROD that has the following corrections:

1. Section 1.3 – deleted sentence beginning with, "Sublethal effects for the herbivore..."
2. Adjusted text on page 1-1 by "wordsmithing" so that text follows properly on page 1-2, the Signature page and page 1-2 begins with, "these two media..."
3. Section 2.6.2 – changed last paragraph, incorporating Ted Simon's language. The page length was not changed and the following page is not affected.
4. Appendix B (LUCIP): deleted sentence in Land Use Control (LUC) Objective section which begins, "The results of the Ecological RA..."

The end result of these actions will be a ROD that has all corrections in it, the pages will be in order and the tables and figures can be inserted in their normal positions AND the signature page that we already have can be inserted in the corrected document. In other words, insert the signature page and the figures/tables and we are done. Sounds too easy! Believe me it wasn't easy getting to this point!

I am sending a copy to Craig, Linda and Rao for review. Please note that additional "wordsmithing" is not advised. It will delay the process further. When I receive word that we are in agreement, I will proceed.





# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

August 21, 1998

Ms. Linda Martin  
Department of the Navy, Southern Division  
Naval Facilities Engineering Command  
2155 Eagle Drive, PO Box 190010  
North Charleston, SC 29419-9010

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RE: Final Draft Remedial Investigation Report, Site 11, Southeast Open Disposal Area (B)  
(Landfill), NAS Whiting Field

Dear Ms. Martin:

I have reviewed the subject document dated April 1998 (received April 23, 1998). The document is well written and presented in a clear format. I have only a few comments but they should be carefully considered by the Navy in preparing the final draft:

- The report utilizes the 1996 Soil Cleanup Goals. As we have previously discussed, the Navy should also compare the analytical results to the Chapter 62-785, F.A.C. Soil Cleanup Target Levels. This may be done as an appendix or supplement to the document if you desire or these values may be utilized in the existing tables. In either case, cleanup or other management decisions should be based on the information derived from the newer values. In some cases, such as vanadium, the SCTLs are lower than previously; in other cases, such as beryllium, the values have increased. In other cases, there are values which were not present previously, such as copper and TRPH. In all cases, the newer SCTLs should be used for investigations at NAS Whiting Field. Following this, the conclusions and recommendations should be revised, if necessary.
- Please present figures which indicate the locations where soil and ground water exceeds cleanup target levels.
- Based on data presented in the report, risks are predicted for future residents due primarily to arsenic and benzo(a)pyrene in surface soil. In the conclusions, page 9-2, it states that remediation of surface soil would not substantially reduce exposure from arsenic. While the arsenic concentrations observed in surface soil at the site may indeed be an expression of the natural background, the results of excavation and construction or other reasons, it may also be a result of the activities carried out by the Navy at this site. Please address this possibility.

OPTIONAL FORM 99 (7-90)

## FAX TRANSMITTAL

# of pages > 2

To	From
RAO ANGARA	LINDA MARTIN
Dept./Agency	Phone #
Fax # (850) 656-3386	Fax #
NSN 7540-01-217-7268	9099-101
GENERAL SERVICES ADMINISTRATION	

"Protect, Conserve and M

Ms. Linda Martin

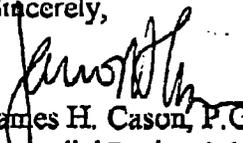
Page Two

August 21, 1998

4. I agree that a focused feasibility study be conducted to address the risk to a future resident or others (such as in an industrial or recreational scenario) from surface soil. Based on our recent conversations, I also understand that the Navy will address the ground water contamination, including evaluation of soil leaching, at this site in connection with the Site 40 basewide ground water assessment. If so, this should be clearly stated in the focused feasibility study.

I appreciate the opportunity to review this document. If you have questions or require further clarification, please contact me at (904) 921-4230.

Sincerely,

  
James H. Cason, P.G.  
Remedial Project Manager

cc: Craig Benedikt, USEPA Atlanta  
Gerald Walker, Harding, Lawson and Associates, Tallahassee

TJB            JJC            LESN



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Building  
2600 Blair Stone Road  
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Kirby B. Green, III  
Secretary

November 16, 1998

Ms. Linda Martin  
Department of the Navy, Southern Division  
Naval Facilities Engineering Command  
2155 Eagle Drive, PO Box 190010  
North Charleston, SC 29419-9010

file: 12rfi\_1.doc

RE: Final Draft Remedial Investigation Report, Site 12, Tetraethyl Lead Disposal Area, NAS Whiting Field

Dear Ms. Martin:

I have reviewed the subject document dated April 1998 (received May 4, 1998). The following comments should be adequately addressed by the Navy in preparing the final draft:

1. As we have previously discussed for other sites at NAS Whiting Field, please compare all soil and ground water data to the TCLs in Chapter 62-785, F.A.C. If you choose, this can be presented and discussed in an appendix.
2. Please note that monitoring well WHF-12-1 is a cross-gradient well with respect to Site 12 and furnishes little site-specific data.
3. Please prepare a surface soil contaminant map (figure), similar to Figure 2-1, which depicts the surface soil contaminant levels areally.
4. On page 5-38, aluminum is discussed as being less than background, yet it is higher than both the state and federal MCLs. A similar problem is illustrated in Table 6-2 (page 6-7). Please present information and discuss the situation with the background sampling sites, both soil and ground water. Please justify how (why) the value given for arsenic (and other analytes) is representative of "background."
5. Table 6-8: what does the abbreviation of the ELCR, "NE," mean?
6. Figure 6-2 (page 6-21) and Figure 6-4 (page 6-23): please correctly indicate the Florida Target Risk level of 1E-06 and remove or explain the arrow which presently (incorrectly) refers to that risk.

*"Protect, Conserve and Manage Florida's Environment and Natural Resources"*

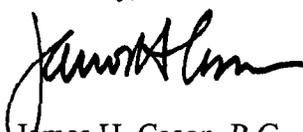
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Ms. Linda Martin  
Page Two  
November 16, 1998

7. Section 6.6 (page 6-20): it has not been shown nor necessarily accepted that the amount of arsenic in the surface soil is "naturally occurring." I suggest replacing the "is" in the paragraph of bullet #4 with "may," which makes the statement acceptable.
8. Section 9.2, Recommendations: does the discussion in the paragraph of bullet #3 refer to surface soil? This should be stated if that is the case. Finally, this section should include and properly account for the risks that are attributed to future residents from arsenic in surface soil. Contrary to the recommendation in this section, a feasibility study should be conducted which evaluates the options based on the findings of this study and recommends adequate remediation practices, land use restrictions, or other methods by which the Navy addresses the site contamination.

If you have any questions or need further clarification, please feel free to contact me.

Sincerely,



James H. Cason, P.G.  
Remedial Project Manager

cc: Craig Benedikt, EPA Region IV, Atlanta  
Jim Holland, NAS Whiting Field  
Jim Williams, HLA, Tallahassee

TJB  ESN  JJC 