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NAS PENSACOLA  
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LETTER REGARDING FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
REVIEW OF CONTAMINATION ASSESSMENT REPORT AND REQUEST FOR ADDENDUM  
FOR SITE 1122 OUTLYING LANDING FIELD BRONSON NAS PENSACOLA FL  
11/17/1997  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

November 17, 1997

Mr. Byas Glover  
Code 18410  
Southern Division  
Naval Facilities Engineering Command  
2155 Eagle Drive  
P.O. Box 190010  
North Charleston, South Carolina 29419-9010

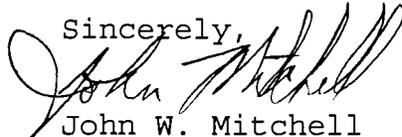
RE: U.S. Navy Outlying Field (OLF) Bronson Site 1122  
Pensacola, Florida  
FDEP #179300938

Dear Mr. Glover:

I have completed the technical review of the Contamination Assessment Report (CAR) and Monitoring Only Proposal (MOP) dated October 1997 (received October 28, 1997), submitted for this site 1122 OLF Bronson. Please submit a Site Assessment Report Addendum as per the September 23, 1997 revision to Chapter 62-770, F.A.C. which addresses the comments in the attached memorandum from David Grabka.

If I can be of any further assistance with this matter, please contact me at (904) 921-9989.

Sincerely,



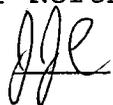
John W. Mitchell  
Remedial Project Manager

cc:  NAS Pensacola  
Greg Campbell, NAS Pensacola  
Tom Moody, FDEP Northwest District

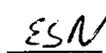
TJB



JJC



ESN



## Memorandum

# Florida Department of Environmental Protection

**TO:** John Mitchell, E.S. III, Remedial Project Manager

**THROUGH:** Tim Bahr, P.G. Supervisor, Technical Review Section *TB*

**FROM:** David P. Grabka, E.S. I, Technical Review Section *DPG*

**DATE:** November 14, 1997

**SUBJECT:** Contamination Assessment Report, Site 1122, U.S. Navy Outlying Landing Field (OLF) Bronson, Pensacola, FL, October 22, 1997

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I have completed my review of the Contamination Assessment Report (CAR) and Monitoring Only Plan (MOP) proposal submitted by Navy Public Works Center for the above-referenced site. The report cannot be approved based on the information provided. A Site Assessment Report Addendum should be prepared and should address the following comments:

- (1) The following requirements of Chapter 62-770, Florida Administrative Code (F.A.C.), for Site Assessment Reports were found to be missing or lacking:
  - (a) Copy of portion of most recent USGS topographic map, including quadrangle name and scale, that clearly identifies the site in relation to the surrounding area. (62-770.600(7)(a)2.)
  - (b) Because tetrachloroethene (PCE) was detected in deep monitoring well DMW-12, a vicinity map showing potential sources of petroleum and non-petroleum products in relation to the site. (62-770.600(7)(a)3.)
  - (c) One or more site maps showing all pertinent features (tanks, integral piping, dispensers, monitoring wells, buildings, land cover, utilities and subsurface stormwater drainage structures). (62-770.600(7)(a)4.)
  - (d) Details of closure assessment and source removal activities. (62-770.600(7)(a)6.)  
Was the water/fuel sample collected on July 25, 1994 a groundwater sample, or was it a sample of fuel/sludge from the B1122B tank undergoing closure for disposal purposes? If the sample was of groundwater, was there free product in the vicinity of the tank? If the sample was of groundwater, a map should be provided showing the groundwater sampling location in relation to the tank. It may be necessary to install a permanent monitoring well at this location.

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- (e) Water table elevations obtained at least twice and at least one month apart. (62-770.600(7)(a)8.)
  - (f) Determination of tidal influence on groundwater flow. (62-770.600(7)(a)9.)
  - (g) A figure showing water supply wells in relation to the site. (62-770.600(7)(a)11.) (Figure 1-6 does not locate Site 1122 on the map in relation to the water supply wells)
  - (h) Slug tests performed on a minimum of three monitoring wells for sites not meeting the criteria for "no further action" or Monitoring Only for Natural Attenuation. (62-770.600(7)(a)12.)
  - (i) A cross section of the site specific stratigraphy. (62-770.600(7)(a)16.)
  - (j) Site map showing all soil sampling locations in relation to former tanks, lines, dispensers and excavated areas. (62-770.600(7)(a)19.) This should reveal whether soil borings were appropriately located in the vicinity of the former tanks.
- (2) The report states that a MW-10, installed May 24, 1995, was presumed damaged and closed by the contractor. The report states that a MW-6, installed March 13, 1996, was believed covered up and could not be located on September 11, 1997. These wells must be properly abandoned in accordance with Water Management District rules and regulations and documentation provided in the Site Assessment Report Addendum.
- (3) The Site Assessment Report recommends "no further action" be required for soil and that Monitoring Only for Natural Attenuation for groundwater at the site be implemented. While there does not appear to be soil contamination that needs to be addressed, monitoring only for groundwater cannot be approved at this time for the following reasons:
- (a) Groundwater sampling and analyses of representative monitoring wells should have occurred within 270 days of Site Assessment Report submittal. Most of the groundwater analytical data for this site is greater than one year old. Representative monitoring wells should be resampled and analyzed for chemicals of concern detected in the previous sampling event (TRPH, EDB, and tetrachloroethene (DMW-12 only)). Before groundwater sampling occurs, water table elevations in all monitoring wells should be taken to determine horizontal and vertical groundwater flow directions and gradients.
  - (b) Concentrations of TRPH in monitoring well MW-8, located directly adjacent to Perdido Bay, exceed surface water quality criteria and the Natural Attenuation Default Source Concentration criteria of Chapter 62-770, F.A.C.

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- (4) Based on the results of the groundwater sampling event requested above, surface water and sediment assessment will be necessary if contaminant levels remain in excess of surface water quality criteria in monitoring well(s) adjacent to Perdido Bay.