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U S NAVY REVIEW COMMENTS TO SITE ASSESSMENT REPORT BUILDING 425 NS MAYPORT FL
11/17/2000
NAVFAC SOUTHEAST

REVIEW COMMENTS ON
SITE ASSESSMENT REPORT FOR BUILDING 425
NAVAL STATION MAYPORT, MAYPORT, FL

CONTRACT NO. N62467-94-D-0888
CONTRACT TASK ORDER NO. 0123

1) Page ES-1; Executive Summary: Area 1 resulted from a heating oil release of approximately 500 gallons from Tank N425 (1000 gallon AST) on 14 January 1997. Area 2 resulted from a heating oil release of approximately 700 gallons from the same Tank N425 (1000 gallon AST) on 5 March 1997. There is no 500 gallon AST at this site, nor was there ever such a tank.
2) Page 1-1; Purpose and Scope: first word should be A SA, not An SA.
3) Page 1-2, 1.2.2 Site Description: Both releases came from the same 1000 gallon AST located at to the North of Building 425. See comment #1. There is only one tank located at this site. The first release occurred due to a severed line caused by a contractor. The second release occurred due to a faulty float valve. The day tank overfilled and the oil flowed through the day tank vent piping which was tied into the vent piping for the original UST tank that was located near the front of the building (west), Area 2.
4) Various Figures: Tank lines should be located on the drawings.
5) Page 1-9; Site History: There is no 500 gallon AST at this site. The second release occurred from the same 1000 gallon AST located to the north of Building 425. A failed float valve allowed the day tank to overfill and flow into the vent line. The vent line was tied to the former UST vent line located at Area 2.
6) Figure 3-2; Groundwater Contour Map: The diagram is not consistent with the reported data in the report. 425(2)MW05D elevation data is not consistent with the groundwater flow directions indicated on the figure. Additionally, could the elevation of water in 425(2)MW04 have been estimated, even though there was free product in the well?
7) Various Figures: Please indicate manholes with a different symbol. The symbol currently being used is too similar to the symbol used to designate monitoring wells and leads to confusion when looking at the figures.
8) Appendix A; CAR Summary Sheet: Amount of product released is listed as unknown. The first release was approximately 500 gallons and the second release was approximately 700 gallons. Should separate CAR Summary Sheets be completed for each of the two areas?
9) Appendix D; Monitoring Well Logs: Could the water level be indicated on the monitoring well logs?

Jan Bovier
Environmental Engineer
Naval Station Mayport
25 OCTOBER 2000

ADDITIONAL COMMENTS (Beverly Washington, SDIV, 17 Nov 00)

10) Page 2-7, 2nd para: Drop the word "by" in the first sentence.

11) Page 2-8: The equation for transmissivity should be T=Kbe vice T-Kbe

12) Page 3-5 Section 3.2.2: Add a paragraph for Area 1. Please produce a table and figure for Area 1 since Appendix G contains analyticals for three different tank sites.

13) Page 3-7, Table 3-3: Show results for Area 1 also.

14) Figures 3-7 & 3-8: Why did you choose to show results for VOA's and Semi Volatiles only?

15) Page 5-1, Section 5.2: Provide a Monitoring Plan recommending which wells to monitor and the monitoring frequency for Area 1.

16) Page 5.2, last para: Please provide a figure that shows the extent of the contaminated soils at Area 2 to support your first sentence. In sentence 4; where is the impacted groundwater defined? What is the estimated volume of free product or impacted groundwater? Please name the well mentioned in sentence 5.

17) Appendix B: Please provide a more legible copy of the Non-Hazardous Waste Manifest.

18) Appendix D: Please provide more legible copies of the Monitoring Well Sheets.

19) Appendix G: Since the Lab Analyticals contains data for 3 tank sites; it would be beneficial to tabulate corresponding data for Site 425 in this report.