

**Baker**

01.01-8/5/92-00888

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August 5, 1992

Commanding Officer  
Atlantic Division  
Naval Facilities Engineering Command  
Building N-26  
Naval Station  
Norfolk, Virginia 23511-6287

Attn: Mr. James Szykman  
LANTDIV-EIC - Code 1822

Re: Submission of Draft Edition  
Site Inspection Report and Preliminary Assessment  
Naval Ammunition Facility, Vieques Island  
Contract N62470-89-D-4814  
CTO-000701  
Roosevelt Roads Naval Station  
Ceiba, Puerto Rico

Dear Mr. Szykman:

Baker Environmental, Inc. (Baker), has completed the Draft edition of the Site Inspection and Preliminary Assessment required under Modification CTO-000701, dated January 29, 1992, to Contract N62470-89-D-4814.

Under authority of the Comprehensive Environmental Response, Compensation and Liability Act of 1986 (CERCLA), and of the Superfund Amendments and Reauthorization Act of 1986 (SARA), Baker has conducted a Preliminary Assessment (PA) at the Naval Ammunition Facility (NAF) located on Vieques Island, Puerto Rico. The purpose of this investigation was to collect information concerning conditions at the NAF sufficient to assess the threat posed to human health and the environment and to determine the need for additional CERCLA/SARA or other appropriate action. The scope of the investigation focused on review of available file information. A comprehensive target survey and an onsite reconnaissance served as verification of existing information and supplemented information that needed to be updated or had been identified as a data gap.

The PA-Score software package, developed by EPA Headquarters, was used to facilitate the evaluation of site-related information, such as waste quantities and waste characteristics, physical parameters of the site, population data and sampling information. In addition, this program incorporated administrative and site characteristics information onto EPA's Potential Hazardous Waste Site Preliminary Assessment form.

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Although sites are typically scored individually, LANTDIV and Baker had agreed that, due to the proximity of the three sites on Vieques Island to the surrounding unpopulated area, the sites would be scored as one site.

The hazardous waste quantities were evaluated on the basis of volume, even though the hazardous wastes at the sites had been reported in the Initial Assessment Study (IAS) by weight (as pounds of hazardous waste). Sources are most commonly evaluated at PA sites on the basis of volume because known quantities of waste required in the hazardous constituent quantity and wastestream quantity tiers (reported in pounds) are often not available for PA sites, although this was the case for Sites 1, 2, and 3 on Vieques Island.

In addition to the PA-Score package, the existing Site Inspection forms were updated to incorporate the current Site Inspection format. Also, additional questions that have been added to the forms, additional sampling and analysis data that have been collected since the previous site inspection, and certain specific information (such as population, rainfall, and so forth) that may have been revised since publication of the reports relied upon for the previous Site Inspection were included.

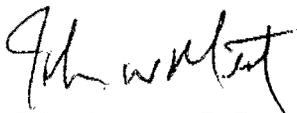
Should you wish to discuss this or any other matter at any time, please do not hesitate to contact our office at 412-269-6000.

Sincerely,

BAKER ENVIRONMENTAL, INC



Susan C. Johnston  
Environmental Scientist



John Barone, P.G.  
Project Manager

SCJ/JB/nd

pc: Mr. Dean Koepp - LANTDIV-CS - Code 02231  
Mr. Marc R. Lambert, P.E. - LANTDIV-PM - Code 09A2112  
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