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LETTER REGARDING NAVY REQUEST FOR GEORGIA DEPARTMENT OF NATURAL
RESOURCE STANDARDS AND GUIDELINES ON GROUNDWATER TREATMENT NSB
KINGS BAY GA
12/11/1997
NAVFAC SOUTHERN

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December 11, 1997CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Georgia Department of Natural Resources
Attn: Mr. James Ussery
Environmental Protection Division
Floyd Tower East, Suite 1154
205 Butler Street, SE
Atlanta, GA 30334

Dear Mr. Ussery:

The purpose of this letter is to request the standards and guidelines from the State of Georgia regarding the treatment requirements for the contaminated groundwater and potential air emissions from the Camden County Landfill area at Naval Submarine Base, Kings Bay. The need for these standards and guidelines were discussed during our Team meeting held at Jekyll Island on October 14-15, 1997, where the State indicated various preferences and guidelines for treatment.

Here is some background information you may not know about. The emission value used for the treatment system was calculated using EPA screen model. This emission value calculated to meet Georgia Air Quality Rules was 37 mg/m³. To be conservative, a value of .37mg/m³ was adopted as a target value to indicate if there is a problem. We are currently seeing the following values at the treatment system:

- maximum influent .15mg/m³
- maximum effluent .10mg/m³
- average influent .08mg/m³
- average effluent .05mg/m³

The maximum influent concentration is two times lower than the conservative number of .37mg/m³. Looking at the calculations, the current system with daily averages for all VOCs is .1042 lbs/day in water of which .0074 lbs/day is vinyl chloride.

The Navy is proceeding with the preparation of a draft Corrective Action Plan in anticipation of the State's approval of the RFI. It is necessary for the Navy to have a complete understanding of

the State groundwater treatment and air emission standards as the Navy has a fiduciary responsibility for the expenditure of federal funds and to the potential responsible parties who may participate in cost sharing of the corrective actions at this site. Your response will assist our efforts in developing a cost-effective corrective action to comply with the State requirements. Your expedited response to this request is appreciated.

Sincerely,

Anthony B. Robinson

ANTHONY B. ROBINSON
Installation Restoration I Branch

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