



Minnesota Pollution Control Agency

Mr. Scott A. Glass
Southern Division
Naval Facilities Engineering Command
Code 18610
2155 Eagle Drive
North Charleston, South Carolina 29405

March 5, 1998

RE: Naval Industrial Reserve Ordnance Plant
Groundwater Treatment Facility
NPDES Permit MN0000710

Dear Mr. Glass:

Pursuant to Minn. Stat. Ch. 115 and 116, as amended, and in accordance with the provisions of National Pollutant Discharge Elimination System (NPDES) and State Disposal System (SDS) Permit MN0000710 the final design and specifications for the Air Stripper Units (ASUs) for the groundwater treatment facility at the Naval Industrial Reserve Ordnance Plant (NIROP) located in Fridley, Minnesota are hereby approved.

The specifications for the ASUs are described in a Fact Sheet #1, a comparison of actual and predicted pollutant removal efficiencies, and a Field Service Report including modeling supporting data from Carbonair, the ASU manufacturer, submitted February 4, 1998. The MPCA finds that all necessary information regarding the design variables and performance of the ASUs has been provided, and the project may proceed as planned.

The MPCA staff review and comment upon the engineering reports that provide the basis for this approval is solely for the limited purpose of determining whether there is reasonable assurance that the treatment system or technology, when implemented, should comply with the requirements contained in permits issued by the MPCA and state and federal rules.

In granting this approval the State/MPCA assumes no responsibilities for any damages to persons, property, or the environment which may be caused by the activities of the permittee in implementing the treatment technology or system approved herein. This approval shall not relieve the permittee from complying with all conditions and requirements of the NPDES and SDS Permit and shall be retained by the permittee with the permit. Any noncompliance with the permit conditions may require other or additional technology to be implemented so that permit conditions are met.

Should you have any questions regarding this approval please contact me at (612)296-7734.

Sincerely,

A handwritten signature in cursive script that reads "Don L. Kriens".

Don L. Kriens, P.E.
Principal Engineer
Point Source Compliance Section
Water Quality Division
DLK:blt