



Minnesota Pollution Control Agency

Recd. 13 Nov 1997
J. Murphy

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NIROP FRIDLEY
5090.3a

November 7, 1997

Mr. Joel Murphy
Southern Division Naval Facilities Engineering Command
P.O. Box 190010
North Charleston, South Carolina 29419-9010

Re: Naval Industrial Reserve Ordnance Plant (NIROP)
Ground Water Treatment Facility
NPDES Permit MN 0000710
Proposed Chemical Additives

Dear Mr. Murphy:

Minnesota Pollution Control Agency staff reviewed the polymers proposed for use at the NIROP ground water treatment facility located in Minneapolis, Minnesota. It is our understanding that the polymers described as Nalco 8356D (dispersant) and Calgon pHreeGuard 1300 (aqueous polymer solution) proposed for use have been approved by the Food and Drug Administration. The proposed dosage of these compounds is expected to range from 3 mg/l to 10 mg/l at the ground water treatment facility. Based on the MSDS information and other data on these compounds, and the expected dosage rates, the use of these two additives as anti-scaling polymers is hereby approved.

If you have any questions please contact me at (612) 296-7734.

Sincerely,

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

DLK:mbo