



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Solid Waste Management
Fifth Floor, L & C Tower
401 Church Street
Nashville, Tennessee 37243-1535

RETURN RECEIPT REQUESTED
7003 1680 0005 5757 8543

January 8, 2004

Jim Reed
SOUTHNAVFACENCOM
2155 Eagle Drive
P.O. Box 190010
North Charleston, SC 29419-9010

Re: Interim Measures (IM) Work Plan
Area of Concern (AOC) A – Northside Fluvial Deposits Groundwater
Naval Support Activity Mid-South, Millington, TN
Tennessee Hazardous Waste Permit Number: TNH-094
EPA I.D. Number: TN2 17 002 2600

Dear Sir:

The Division of Solid Waste Management (the Division) has reviewed the IM Work Plan prepared by EnSafe Inc. The IM Work Plan describes an enhanced in-situ bioremediation project to remediate groundwater contaminated with volatile organic compounds located at AOC A. AOC A is the groundwater in the fluvial deposits located on the north side of the installation.

EnSafe proposes to inject dissolved-sodium acetate solution into the sub-strat to enhance bioremediation that is occurring naturally in the aquifer. Initially, a dye trace study will be performed to confirm groundwater velocity and dispersive characteristics. This information will be used to properly place injection wells. Additional monitoring is proposed to determine the effectiveness of the enhanced in-situ reduction.

The Division approves the IM Work Plan as written. If there are any questions or comments regarding this review, please contact Roger Donovan at (615) 532-0859 or e-mail at roger.donovan@state.tn.us.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger Donovan", written over a circular stamp or seal.

Roger Donovan, P.G.
Corrective Action Section

cc: Jennifer Herndon, EPA, Region 4, Federal Facilities Branch
Ben Brantley, Ensafe
William Krispin, Manager, Permitting Section,
Charlie Burroughs, Manager, Corrective Action Section
Philip Davis, Manager, Memphis EAC
HWPU File # 56