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NSA MID SOUTH
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LETTER TRANSMITTING APPROVAL OF CLASS V UNDERGROUND INJECTION WELL AT
AREA OF CONCERN A AND LISTING APPROVAL CONDITIONS MILLINGTON SUPPACT TN
6/25/2007
STATE OF TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
WATER SUPPLY

9th Floor, 401 Church Street
Nashville, Tennessee 37243-1549

June 25, 2007

Jim Heide
Naval Support Activity (NSA) Mid-South
Area of Concern A (AOC A)
5722 Integrity Drive
Millington, Tennessee 38054

RE: Class V Underground Injection Permit Application
Injection of Nutrient Solution –Remedial Action
Naval Support Activity (NSA) Mid-South
Area of Concern A (AOC A)
Millington, Shelby County, Tennessee
UIC File: SHE 0000009

Mr. Heide:

The Division of Water Supply has reviewed your submittal of an Application for Authorization to Operate a Class V Underground Injection Well at the Naval Support Activity (NSA) Mid-South located in Millington, Tennessee. The Division approves your application dated June 6, 2007.

The conditions of the approval are as follows:

1. Approval is for a time period not to exceed two years. If the injection is to be continued beyond this timeframe, a new permit application, which includes all sampling results obtained during the remedial action, should be submitted.
2. The 100 gallons of potable water amended with 50 pounds of sodium acetate salt and one half pound of ammonium monophosphate used for injection should not exceed the concentrations specified in the permit application and Remedial Action Work Plan, nor should the volume of injected fluid exceed the volume specified in the permit application and Remedial Action Work Plan.
3. Groundwater monitoring should be conducted as specified in the Remedial Action Work Plan.

If at any time the Division learns that a ground water discharge system may be in violation of The Tennessee Water Quality Control Act, the Division shall:

- a. require the injector to apply for an individual permit;
- b. order the injector to take such actions including, where required, closure of the injection well as may be necessary to prevent the violation; or
- c. take enforcement action.

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All groundwater discharge activities must operate in such a manner that they do not present a hazard to groundwater.

The owner/operator shall at all times properly operate and maintain all facilities and systems of treatment and control which are installed or used by the owner/operator to achieve compliance with the conditions of this authorization. Proper operation and maintenance include effective performance, adequate funding, and appropriate quality assurance procedures.

The issuance of this authorization does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, State, or local laws or regulations.

If the owner/operator becomes aware that he failed to submit any relevant facts in an authorization application, or submitted incorrect information in an authorization application or in any report to the Division, then he shall promptly submit such facts or information.

The owner/operator shall give notice to the Division as soon as possible of any planned physical alterations or additions to the authorized facility or activity, which may result in noncompliance with authorization requirements.

The owner/operator shall at all times properly operate and maintain all facilities and systems of treatment and control which are installed or used by the owner/operator to achieve compliance with the conditions of this authorization. Proper operation and maintenance included effective performance, adequate funding, and appropriate quality assurance procedures.

Knowingly making any false statement on any report required by the rule may result in the imposition of criminal penalties as provided in T.C.A. 69-3-115 of the Tennessee Water Quality Control Act.

The issuance of this authorization does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, State, or local laws or regulations.

The authorization to discharge is limited to the 100 gallons of solution per month as indicated in the application and work plan. Discharge is also limited to a time period not to exceed two years and to the scope of work detailed in the Class V injection well application and the Remedial Action Work Plan.

The Division of Solid/Hazardous Waste Management (DSWM) will be the lead regulatory agency on this project. All sampling and monitoring reports should be sent to the DSWM. This Division reserves the right to request the owner/operator to pull and have analyzed a sample from the system at any time the Department deems it necessary.

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Our concurrence with your approach does not imply that this procedure is exempt from future changes or restrictions in the Underground Injection Control (UIC) Regulations, or any additional requirements set forth by the Division in order to protect the groundwater of Tennessee.

A copy of this authorization must be kept on site until the remediation has been completed and must be made available to inspection personnel.

Should you have any questions or comments please feel free to contact me at (615) 532-9506.

Sincerely,

A handwritten signature in cursive script that reads "Kelly Barcroft". The signature is written in black ink and is positioned below the word "Sincerely,".

Kelly W. Barcroft, Geologist
UIC Program
Division of Water Supply

c: DWS, Jackson EAC