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NSTC GREAT LAKES, IL
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LETTER REGARDING RE-CLASSIFICATION OF THE GROUNDWATER BUILDING 1600A
NSTC GREAT LAKES IL
8/24/2009
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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August 24, 2009

Department of the Navy
NAVFAC Midwest
c/o Carlo Luciano
Environmental Department
201 Decatur Avenue, Bldg 1A
Great Lakes, Illinois 60088-5600

Re: Building 1600A Groundwater Classification
Naval Station Great Lakes
Great Lakes, Illinois
LUST Incident No. 971739

0971255048 – Lake County
Naval Station, Great Lakes
Superfund/Technical Reports

Dear Mr. Luciano:

The Illinois Environmental Protection Agency (Illinois EPA or Agency) is in receipt of a letter from Toltest Inc., which was sent on behalf of the Navy, requesting a review of the submitted information by the Illinois Environmental Protection Agency. It also asked for a determination in the re-classification of the groundwater at the Building 1600A site from a Class I: Potable Resource Groundwater to a Class II: General Resource Groundwater. The letter was dated July 22, 2009 and was received at the Agency on July 28, 2009. The Agency has conducted a review of the submitted information and provides the following response.

The regulations at 35 Illinois Administrative Code (IAC) Part 620.210 define Potable Resource Groundwater as:

- a) *Groundwater located 10 feet or more below the land surface and within:*
 - 1) *The minimum setback zone of a well which serves as a potable water supply and to the bottom of such well;*
 - 2) *Unconsolidated sand, gravel or sand and gravel which is 5 feet or more in thickness and that contains 12 percent or less of fines (i.e. fines which pass through a No. 200 sieve tested according to ASTM Standard Practice D2488-84, incorporated by reference at Section 620.125);*