



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
1 Congress Street, Suite 1100
BOSTON, MA 02114-2023

Superfund Records Center
SITE: Nyanza Chemical Waste
BREAK: 8.3
OTHER: 259619

**Addendum to third Five Year Review Report, Nyanza Chemical Waste Dump
Superfund Site, dated April 12, 2004**

The third Five-Year Review report (Report) for the Nyanza Chemical Waste Dump Superfund site in Ashland, Massachusetts, was signed by Susan Studlien, Director of EPA New England's Office of Site Remediation and Restoration, on April 12, 2004. The protectiveness statements outlined in the Report were as follows:

PROTECTIVENESS OF SOURCE CONTROL AND SOIL (OU #1)

The remedy at OU #1 is protective of human health and the environment, and in the interim, exposure pathways that could result in unacceptable risks are being controlled.

PROTECTIVENESS OF OFF-SITE GROUNDWATER (OU #2)

A protectiveness determination of the remedy at OU #2 cannot be made at this time until further information is obtained. Further information will be obtained by gathering additional groundwater contamination and indoor air data. It is expected that these actions will take approximately eight months to complete, at which time a protectiveness determination will be made.

PROTECTIVENESS OF WETLANDS AND DRAINAGEWAYS (OU #3)

The remedy at OU #3 is protective of human health and the environment, and in the interim, exposure pathways that could result in unacceptable risks are being controlled.

PROTECTIVENESS OF SUDBURY RIVER (OU #4)

A protectiveness determination of the remedy at OU #4 cannot be made at this time until further information is obtained. Further information will be obtained by completing risk assessment activities. It is expected that these actions will take approximately eight months to complete, at which time a protectiveness determination will be made.

This addendum addresses the Protectiveness Statements for OU #2 and OU #4.

Operable Unit 2

At the time of the Report, EPA was still evaluating risks relative to vapor intrusion of contaminants from groundwater into residential buildings over the plume. On September 28, 2006, Susan Studlien signed an Explanation of Significant Differences (ESD) to the

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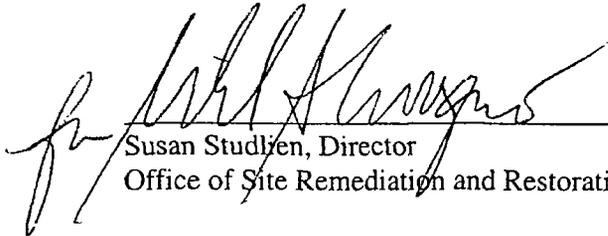
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1991 Interim ROD for OU #2. This ESD summarized the risks from vapor intrusion and outlined a revised remedy to include the installation of sub-slab depressurization systems in a number of homes as well as a remedy to extract dense non-aqueous phase liquid (DNAPL) contamination from a portion of the contaminated groundwater plume. Remedial action for the vapor intrusion portion of the remedy was initiated on September 27, 2006. Based on this ESD, the Protectiveness Statement for OU #2 is hereby revised as follows:

The remedy at OU #2 is expected to be protective of human health and the environment upon completion, and in the interim, exposure pathways that could result in unacceptable risks are being controlled to the extent practicable.

Operable Unit 4

The Report included a "deferred protectiveness statement" for OU #4. This statement was made in error, as Remedial Action for OU #4 has yet to be initiated. In fact, a remedy decision on OU #4 (the Sudbury River) has yet to be made. Thus, in accordance with the Comprehensive Five Year Review Guidance, no protectiveness statement is being made for OU #4.



Susan Studlien, Director
Office of Site Remediation and Restoration

Date 11/1/06