

of drinking water wells or contact with contaminated groundwater. As described in the ESD, an informal notification process has been used whereby the Town of Ashland seeks EPA's input on any construction projects located within the extent of the known groundwater plume. EPA will request that the Town of Ashland establish a zoning ordinance to provide the necessary controls. These controls will be formalized in the pending final ROD for OU2.

### **OU3**

Yes. The results of the monitoring data review and the Site inspection indicate that the remedy is functioning as designed. Overall, the Site was well maintained and appeared to be in good condition. The issues identified during the Site inspection do not affect the overall protectiveness of the remedy. The cap is functioning as designed and is in good overall condition. The cap remains as a protective barrier to prevent exposure to human trespassers and burrowing mammals. The results of the groundwater monitoring data indicate that the concentrations of contaminants detected in samples collected from both overburden and bedrock wells continue to fluctuate; however, the overall trend appears to be decreasing. The most recent surface water monitoring data did not detect any contaminant concentrations above the applicable EPA and MCP standards. Metals detected in the sample from the interceptor trench upgradient of the cap are likely because of the sediment in the sample and not impacts from the landfill. Air monitoring data indicates that no contaminants are being transported off-site.

The restored wetland areas had been actively maintained, resulting in an established, functioning habitat containing extensive coverage of wetland native species.

The potential for direct human contact to contaminated sediments has been mitigated by excavation and containment within the Site security fences.

### **OU4**

**Not Applicable. The selected remedial action has not been implemented yet.**

# Five-Year Review Report

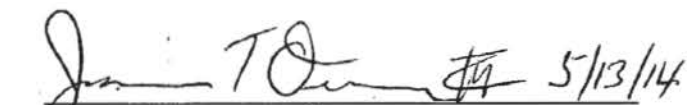
Fifth Five-Year Review  
for  
Nyanza Chemical Waste Dump Superfund Site  
Ashland, Massachusetts

April 2014

Prepared by:

The United States Environmental Protection Agency  
Region 1, New England  
Boston, Massachusetts



A handwritten signature in black ink, appearing to read "James T. Owens, III" followed by a date "5/13/14".

James T. Owens, III  
Director, Office of Site Remediation and Restoration  
U.S. EPA, New England

