



Auburn Road Landfill Superfund Site

Londonderry, New Hampshire

U.S. EPA | HAZARDOUS WASTE PROGRAM AT EPA NEW ENGLAND

**MAINTAINING AND MONITORING SUPERFUND**

SITES: After a Superfund Site or portion of a Superfund Site has been cleaned up, EPA continues to monitor the site to ensure the cleanup is operating effectively over time. Five-Year Reviews provide an opportunity to fully evaluate the implementation and performance of a cleanup and determine whether it remains protective of human health and the environment.

INTRODUCTION:

In 1983, EPA listed the Auburn Road Landfill on the Superfund National Priorities List for cleanup up after contamination to the soil and groundwater from hazardous wastes at the site. In 1986, a Record of Decision (ROD) was signed that directed the installation of a municipal water supply line. A ROD was issued in 1989 that directed the construction of a groundwater treatment system and the capping of the landfill areas. Construction of multilayer caps on the landfill areas was completed in 1996. An Amended ROD was issued in 1996 that changed the groundwater treatment system remedy to monitored natural attenuation. In September 2017, EPA completed its sixth Five Year Review to ensure that the remedy remained protective of human health and the environment.

PROGRESS SINCE LAST REVIEW

EPA has determined that the remedy implemented at the Auburn Road Landfill Superfund Site currently protects human health and the environment in the short-term. EPA based that determination on the following: a municipal water supply currently provides drinking water to residences in the affected area, and institutional controls specifically a Groundwater Management Zone was established that restricts groundwater use.

EPA determined that for the remedy to be protective in the long-term, the following actions need to be taken to ensure protectiveness. Actions include: an evaluation to estimate the time it will now take to achieve interim cleanup levels at the Site, and whether interim cleanup levels can ever be achieved; groundwater at the Site should be sampled and analyzed for

1,4-dioxane and emerging contaminants such as Perfluorochemicals (PFC's), fluorinated organic compounds, to determine if they are present and pose an unacceptable risk; and collect one round of landfill gas during each monitoring cycle during winter.

SITE BACKGROUND

The Auburn Road Landfill site is in Londonderry, New Hampshire. The area includes three separate disposal areas – the former Londonderry Town Dump, which was used for the disposal of chemical waste drums; a tire disposal area, where tires and demolition debris and chemical waste drums were dumped; and a solid waste landfill. The State ordered the entire landfill closed in 1980 after hazardous wastes were identified in soil, surface water and groundwater. After construction of the site's remedy, operation/maintenance activities and monitoring are ongoing.

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