



THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
announces the Second Explanation of Significant Differences (2007 ESD)
STAMINA MILLS SUPERFUND SITE
North Smithfield, Rhode Island

The United States Environmental Protection Agency (EPA) has recently approved a Second Explanation of Significant Differences (2007 ESD) for the Stamina Mills Superfund site in North Smithfield, RI. The 2007 ESD amends the 1990 Record of Decision to clarify the institutional controls for the selected remedy and to provide for a site-specific assessment of potential vapor intrusion pathways. The remedy as modified by this 2007 ESD now requires the following:

- A deed restriction on the site property that will prohibit the use of groundwater, prohibit any disturbance of the treatment system and its associated infrastructure, prohibit the excavation of soils in the areas currently being treated, allow excavation of soils in other areas only with prior approval of EPA, and grant to EPA, Rhode Island Department of Environmental Management and Kayser-Roth (the party that is implementing EPA's remedy under a unilateral order) the right to enter onto the site to conduct the response action, implement the operation and maintenance, and implement further remedial action if EPA determines that such action is necessary.
- Institutional controls offsite to prevent the installation of new groundwater wells and to prevent the pumping of existing groundwater wells. A Town ordinance, currently in effect, provides protection from these activities; however, if the ordinance were revoked for any reason, the protectiveness of the remedy could be jeopardized. Should the Town ordinance be revoked or otherwise become ineffective as determined by EPA, some other form of institutional control, such as deed restrictions, will be necessary to ensure protectiveness;
- A survey will be conducted to identify active wells located in the Stamina Mills Groundwater Remediation District that were not previously decommissioned when the municipal water line was installed or thereafter. All active wells will be decommissioned in accordance with state law to prevent pumping except those identified by EPA as part of the Site's long-term monitoring program. Those wells shall be disconnected from all residential pumping and plumbing infrastructure and shall be left accessible for monitoring purposes;
- A site-specific investigation into potential pathways for vapor intrusion consistent with EPA's 2002 Draft Vapor Intrusion Guidance will be conducted.

EPA began cleanup activities at the Stamina Mills site in the 1990's with the demolition of the old mill buildings. Following demolition, EPA initiated other components of the remedy, including soil vapor extraction in a former solvent spill area, groundwater extraction and treatment using air stripping, and removal of the old landfill area. EPA's final Record of Decision issued in September 1990 and the subsequent Explanation of Significant Differences issued in June 2000, describe in detail the selected remedy for the site.

A copy of the 2007 ESD and its administrative record will be placed in the Information Repository located in the North Smithfield Public Library, 20 Main Street, Slatersville, Rhode Island, 401-767-2780 and the EPA Records Center, One Congress Street, Boston, MA phone: 617-918-1440.

If you would like to speak with us about this Site, please contact Byron Mah, US EPA Remedial Project Manager, via email mah.byron@epa.gov or phone at 1-617-918-1249 or Toll free: 1-888-372-7341 ext 81249 or Sarah White, white.sarah@epa.gov ; phone: 1-617-918-1026 or Toll free: 1-888-372-7341 ext.81026.