

US EPA ARCHIVE DOCUMENT

January 8, 2010

On behalf of the Illinois Environmental Protection Agency (IEPA), I would like to thank you for your contributions to the public participation process regarding the Clinton Landfill 3 application for landfill redesign.

On January 8, 2010, the IEPA approved Clinton Landfill Inc.'s redesign of 22.5 acres of the southwest corner of Clinton Landfill 3. The approval allows the use of the redesigned area for the disposal of a variety of non-hazardous industrial process and pollution control wastes including polychlorinated biphenyl (PCB) wastes. However, the acceptance of PCB wastes by Clinton Landfill 3 is also subject to the federal Toxic Substances Control Act (TSCA) which will require approval by the United States Environmental Protection Agency.

The IEPA approved this permit based on the fact the application met or exceeded all of the regulatory requirements for issuance. It should be noted that the design of a typical non-hazardous solid waste landfill would call for a single leachate collection system and a single liner system; the design for Clinton Landfill 3's Chemical Waste Unit essentially doubles the usual environmental safeguards. This is accomplished through the use of: 1) an upper leachate collection and liner system, and 2) a lower leachate collection and liner system.

As the result of the comments we received during the public availability session and comment period, an additional condition was added to the permit. While the approved permit includes a plan for groundwater monitoring, an additional precaution was added to detect possible leaks in the upper liner system before contamination could migrate to groundwater. The added precaution requires the landfill operator to:

1. Submit a plan to monitor the geocomposite drainage layer located between the upper and lower liner systems, and
2. Describe how the data from this monitoring will be used in determining if the upper liner system may be leaking, and what actions will be taken if such a determination is made.

Again thank you for your interest and involvement in the IEPA's landfill permitting process for Clinton Landfill 3. An electronic copy of the approved permit will be available online on January 11, 2010, at <http://www.epa.state.il.us/public-notices/2009/general-notices.html#clinton-landfill>. If you have any questions please contact Tammy Mitchell, IEPA Office of Community Relations at (217) 524-2292.

Sincerely,

Stephen F. Nightingale, PE
Manager, Permits Section
Bureau of Land