



MAX Yukon Hazardous Waste Management Permit Renewal Application

MAX submitted an application to the Pennsylvania Department of Environmental Protection (DEP) to renew and modify its hazardous waste storage and treatment permit in 2014. Since that time, MAX has addressed a number of technical review comments by DEP.

The last set of revisions were submitted to DEP in 2019. In 2022, MAX resubmitted the permit application to DEP as a consolidated package reflecting all of the revisions previously submitted. Copies of the application are on file at DEP's

Pittsburgh office and at the South Huntingdon Township municipal office.

MAX notes that this application is separate from the Yukon facility Hazardous Waste Landfill 7 permit application and hazardous waste delisting petition.

Overview of the Existing Permit

Operations involving hazardous waste management at the Yukon facility comply with DEP Permit No. PAD004835146. Two types of activities at the facility are covered by this permit:

- Treating wastes to remove hazardous characteristics so that they may be either safely disposed of in the on-site residual waste landfill, or sent to another permitted facility for final disposal.
- Storing waste before treatment and then again after treatment until lab testing confirms that it is safe for disposal.

The permit requires that any hazardous waste accepted at the facility be treated to standards in the permit before being disposed of as residual waste. No hazardous waste is permanently stored at or disposed of at the facility.

The permit also specifies what types of waste may be accepted for treatment. These include wastes requiring pH adjustment,



This mixing operation at the Yukon facility is covered under the existing hazardous waste permit. Here, wastes deemed hazardous are treated to adjust pH levels or chemically bind metals so that they don't leach. After treatment, the waste is analyzed to confirm it meets permit standards, and then is disposed of as residual waste.

and wastes that contain metals in concentrations that could leach out if not treated. After treatment, all wastes must meet regulatory standards for non-hazardous waste.

Additionally, any waste destined for disposal must be in solid form; no liquid wastes are disposed of in the facility landfill or off-site landfills.



McCandless Corporate Center
5700 Corporate Drive, Suite 425
Pittsburgh, PA 15237

Proposed Changes to the Permit

MAX has requested two additional items for coverage under the permit. The first addition involves adding mercury to the list of metals that may be managed in hazardous wastes accepted by the facility.

The process for managing this waste would be the same as for other metals-contaminated material, that is, the waste would be stabilized by chemically binding the metal in the material. The change would allow MAX to expand its service reach using existing equipment and operations.

The second requested addition

to the permit would be to construct and operate another waste storage area. The structure would be an open-access covered building similar to a warehouse, where wastes may be temporarily staged.

The structure, expected to be built near the facility's current Containment and Processing (CAP) building, would provide for improved storage options and increased operational efficiencies.

These new proposals may be removed from the permit renewal application and addressed in a later, separate application.

Public Input in the Permitting Process

A pre-application public meeting was hosted by MAX at the Yukon Fire Hall on Tuesday, July 15, 2014 at 7 p.m. Public comments received at this meeting were included in the renewal

application package to be submitted to the DEP. DEP will provide for an additional public comment period once a draft permit is published.

To Contact the PA DEP:

Pennsylvania Department of Environmental Protection
Bureau of Waste Management
400 Waterfront Drive
Pittsburgh, PA 15222
(412) 442-4125
www.dep.pa.gov

For more information:

MAX Environmental Technologies, Inc.
McCandless Corporate Center
5700 Corporate Drive, Suite 425
Pittsburgh, PA 15237

Bob Shawver
President
(410) 404-5333
bshawver@maxenvironmental.com

Carl Spadaro
Environmental General Manager
(412) 445-9789
cspadaro@maxenvironmental.com

MAX ENVIRONMENTAL

www.maxenvironmental.com