

YUKON LANDFILL HEIGHT INCREASE

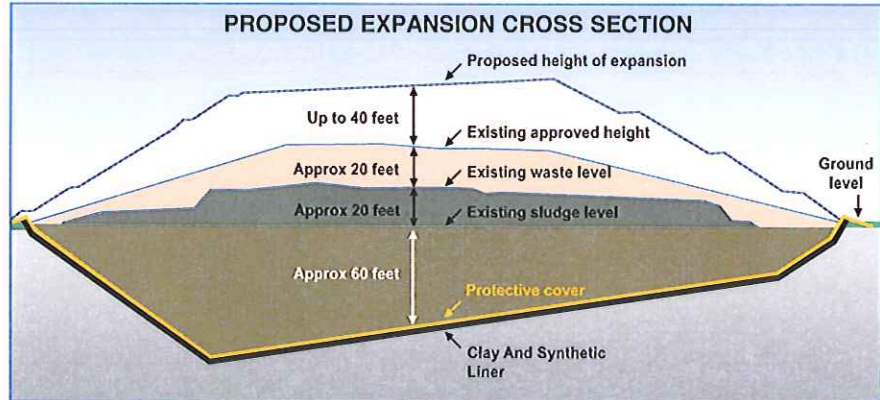
AN UPDATE TO THE JULY 2012 PROJECT FACT SHEET

This update summarizes new information available since MAX published an original fact sheet for the proposed vertical increase of Yukon Impoundment No. 6.

Since submitting the vertical increase application to the PA Department of Environmental Protection (DEP) in 2012, MAX has updated the application with supplemental data and responses to DEP comments and questions. In addition, MAX has undertaken a number of initiatives to address nuisance controls that affect current operations as well as any proposed future activities.

Additional Engineering Studies

During the course of evaluating MAX's original application, the DEP requested an additional investigation into the stability of materials within Impoundment No. 6, as well as a study



This cutaway sketch shows relative depths of materials in Impoundment 6. Locations and depths are approximate.

to evaluate potential impacts to local traffic.

The additional stability evaluation was conducted in 2013 by collecting and analyzing deep core samples of the waste in Impoundment 6 at various locations. Samples were collected in a cone penetrometer that was driven deep into the impoundment. During this study, geotechnical equipment was used to record information about the physical properties of the subsurface environment,

such as density and material strength.

Consistent with prior studies, the evaluation demonstrated that the impoundment is, and will continue to be, structurally sound.

The traffic study was performed in October 2014. Engineering contractors conducted the study on roadways between the I-70 exit and the plant entrance. Results determined that there were no expected adverse traffic impacts from the vertical increase.

Operational Improvements for Nuisance Control

Over the last few years, MAX has put in place a number of improvements to address nuisance control, largely in response to complaints associated with odors, but also to reduce the potential for dirt tracking at the facility. These improvements reflect several months of testing and developing alternatives capable of proving

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In December 2013, contractors performed additional stability tests on the buried material in Impoundment 6 to ensure it was of adequate density and material strength to support expansion.

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successful over the long term. DEP recently has required MAX to formalize its commitment to maintaining these additional controls in the form of a consent order and a modified Nuisance Minimization and Control Plan (NMCP).

The newly implemented control actions, which will be required in all day-to-day operations moving forward (and thus include the expansion request), are:

- Working within a gridded layout on the impoundment to track incoming waste and its disposal location.

- Limiting the active disposal area to no more than three acres.
- Applying daily cover to the active disposal area.
- Installing and operating a truck tire cleaning station
- Rerouting plant traffic so all trucks leaving the facility must drive through the tire cleaning station.

RENDERINGS OF FINAL IMPOUNDMENT NO. 6



View from the northwest



View from the west



View from the south

The proposed height increase would occur in steps, beginning inside the landfill embankment and rising gradually to a maximum increased height of 40 feet in the center. The final surface of the impoundment will be capped and vegetated in phases.

KEY PUBLIC PARTICIPATION MILESTONES

August 2012

MAX initially notified the public of plans for the vertical increase through letters to residents.

November 2012

DEP held a local municipal involvement process meeting.

July 2015

DEP determined that the application is complete and that the proposal passes DEP's first phase of an environmental assessment review.

August 20, 2015

DEP Public Hearing

PUBLIC COMMENT

DEP will provide for a 60-day public comment period. Copies of the complete updated application are available for review at the South Huntingdon Township Supervisors and Westmoreland County Department of Planning and Development office.

The Department should be contacted directly for any questions and requests related to public participation.

**To Contact the PA DEP:
Pennsylvania Department of
Environmental Protection
Bureau of Waste Management**

400 Waterfront Drive
Pittsburgh, PA 15222

412-442-4000

www.depweb.state.pa.us

COMMUNITY BENEFITS

In extending the life of Impoundment No. 6 for three to ten years, the vertical increase will provide up to \$30 million dollars to the region and state with continued fees, taxes and support of local vendors for their services.

As part of MAX's financial commitments, an additional direct benefit fee per ton for disposal of oil and gas waste will be paid directly to the Yukon Volunteer Fire Company to support local public safety and community initiatives.

FOR MORE INFORMATION

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