

PUBLIC NOTICE FOR THE PROPOSED INSTALLATION OF A
REGENERATIVE THERMAL OXIDIZER AT
THE PASCO LANDFILL SITE

Document Review and Comment Period: 12/5/16 – 1/6/17

The Pasco Landfill is on Dietrich Road north of the intersection of Kahlotus Road and U.S. Highway 12 in Pasco, Franklin County, Washington. The Washington State Department of Ecology's Toxics Cleanup Program is currently overseeing cleanup of contamination at the closed landfill. Cleanup requires installation of equipment to control emissions of gases that will be removed by the soil vapor extraction (SVE) system in the landfill's industrial waste portion.

Installing and operating this emission-controlling equipment, called a regenerative thermal oxidizer (RTO), requires a permit from Ecology's Air Quality Program. The Air Quality Program is making the following draft documents available for public review prior to issuing the permit:

- The original 2014 and revised 2016 permit applications.
- The risk analysis report for hydrogen chloride emissions.
- A preliminary determination of approval.
- A technical support document for that preliminary determination.
- A recommendation that the applicant's Health Impact Assessment shows acceptable impacts to the public from this project.
- The City of Pasco's preliminary determination that the project will not cause adverse impacts to the environment under the State Environmental Policy Act.

Background

The parties responsible for cleaning up the landfill, through PBS Engineering + Environmental, propose to install and operate the RTO at the landfill. Mark Leece, Vice President of PBS Engineering + Environmental, will serve as the 'responsible official' for purposes of the Air Quality Program approval required for this project. Mr. Leece will act on behalf of the Industrial Waste Area Generator Group. PBS Engineering + Environmental is located at 400 Bradley Blvd, #300, Richland, WA 99301.

The landfill has a municipal waste and an industrial waste area. Drums of hazardous materials that are now leaking were buried in the industrial waste area. The SVE system collects contaminants from the soil that are then oxidized, or burned, by the RTO. Once the contaminants are partially or completely burned, the following by-products are emitted from the RTO:

- Three halogenated residuals and 10 volatile organic compounds at levels greater than 50 pounds per year.
- Products of complete combustion of halogenated compounds resulting in hydrogen fluoride and hydrogen chloride acid gas emissions that may total more than 22 tons per year.
- Volatile organic compounds may be more than 14 tons per year.

These emissions satisfy state standards and are reviewed in the Health Impact Assessment mentioned above.

Review the documents

- Mid-Columbia Library, 1320 West Hopkins Street, Pasco WA 99301
- Department of Ecology, 4601 N. Monroe Street, Spokane, WA 99205
- Online: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=1910>

Submit comments by January 6, 2017, to:

Robert Koster, P.E., robert.koster@ecy.wa.gov
Washington Department of Ecology, Eastern Regional Office
4601 N. Monroe Street, Spokane, WA 99205

Ecology will hold a public hearing on this proposed air quality permit if there is significant public interest. You may request a hearing by mail to Robert Koster at the address above or by calling 509-329-3493 or e-mailing robert.koster@ecy.wa.gov.

For **Americans with Disabilities Act** accommodations or documents in an alternate format call Robert Koster at 509-329-3493, 711 (relay service), or 877-833-6341 (TTY).

Para asistencia en español, comuníquese con Chase Davis at 509-329-3506.