



**DETERMINATION OF NONSIGNIFICANCE  
WAC 197-11-970 Determination of nonsignificance (DNS).**

**Description of proposal:** Installation of a Regenerative Thermal Oxidizer (RTO) system at the Pasco Landfill National Priorities List (NPL) Site. A two-canister RTO system will be installed within the existing fenced SVE system equipment compound on the landfill property. The system will be installed on a newly poured concrete slab along with necessary communication, electrical, and natural gas supply lines. Piping will be installed to defiler extracted vapors and condensate for the existing SVE system equipment building to the RTO.

The RTO system includes installation of combustion chambers, heat exchangers, fans, motors, compressor, control panel, 20 foot tall vertical exhaust stack, and associated equipment. The equipment footprint is expected to be approximately 143 square feet.

The RTO system is designed to control emissions from and destroy volatile organic compounds (VOCs) and certain semi-volatile organic compounds (SVOCs) removed from the Zone A portion of the landfill by the SVE system. The SVE system, and the proposed RTO, will be operated as a component of cleanup activities in compliance with requirements of Ecology's Agreed Order No. DE 9240.

The RTO system is designed to accommodate 1,000 standard cubic foot per minute (scfm) of SVE system process vapor, 1,300 scfm of dilution air, and 12 gallons per hour of condensate. The minimum temperature of the RTO when oxidizing soil vapor or vaporized condensate will be no lower than 1,600 degrees Fahrenheit. The destruction and removal efficiency of the RTO is expected to be 98 percent or less than equal to 20 parts per million by volume (ppmv).

**Proponent: IWAG Group III Technical Committee (Pasco Landfill Site)**

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**Location of proposal, including street address, if any:** The Site is located at 1820 Dietrich Road in Pasco, Franklin County, Washington. The RTO will be installed in the existing equipment compound on the west side of Dietrich Road approximately 0.5 miles north of the intersection of Dietrich Road and North Commercial Avenue. The equipment compound is on Franklin county Washington Parcel No. 113510059. The legal description of the parcel is E 600' of NE4 of 21-9-30, EXC 30'RD. The approximate coordinates are latitude 46.249715, longitude 119.055428. See map attached on SEPA Checklist.

**Lead agency: Washington Department of Ecology**

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030 (2)(c). This

decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

- There is no comment period for this DNS.
- This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS.
- This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 14 days from the date below. **Comments must be submitted by July 10, 2015.** Note: An extra day was added to the comment period to allow for the July 4, 2015 holiday, no mail delivery.

**Responsible official:** Michael A. Hibbler  
**Position/title:** Section Manager, Toxics Cleanup Section  
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**Date:** **June 25, 2015**

Signature

  
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Michael A. Hibbler