



OREGON COAL ASH DISPOSAL, CONTAMINATION AND REGULATORY GAPS

Coal Ash Generating Facility in ORⁱ

FACILITY	OPERATOR	ONSITE DISPOSAL	COUNTY
Boardman	Portland General Electric Co	landfill	Morrow

landfill= one or more landfills onsite

Amount of Coal Ash Generated Per Year

The Boardman facility generates 99,900 tons of coal combustion waste (CCW) per year. Oregon ranks 43rd nationally for coal ash generation.ⁱⁱ

The Boardman Coal Ash Landfill(s)

From 1985 to 2010—excluding the years 2006 and 2007, for which there are no data available—794,700 tons of coal ash were disposed onsite at the Boardman coal-fired power plant.ⁱⁱⁱ

Coal Ash Contamination at Boardman

Hazardous contaminants from coal ash at the Boardman Plant have leached from the coal ash disposal area and numerous disposal units into groundwater moving offsite at the property's western boundary. Water at the facility has been contaminated in excess of Oregon groundwater standards and EPA Maximum Contaminant Levels (MCLs) (federal drinking water standards) since 1981. Recent groundwater monitoring has found continued violation of standards for selenium, vanadium, and total dissolved solids. Groundwater in the vicinity of the Boardman Plant is used extensively for commercial irrigation and water supply.^{iv}

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ⁱ U.S. Department of Energy's Energy Information Administration, Form EIA-767, Annual Steam-Electric Plant Operation and Design Data. 2005, available at <http://www.eia.gov/cneaf/electricity/page/eia767/>

ⁱⁱ *Id.*

ⁱⁱⁱ *Id.*; U.S. Department of Energy's Energy Information Administration, Form EIA-923, Schedule 8. Part A. Annual Byproduct Disposition. 2008-2010, available at http://www.eia.gov/cneaf/electricity/page/eia906_920.html.

^{iv} Environmental Integrity Project, Earthjustice and Sierra Club. In Harm's Way: Lack of Federal Coal Ash Regulations Endangers Americans and Their Environment 156-7 (Aug. 2010).