

UNCONTROLLED SITES PROGRAM SITE INFORMATION SHEET

PORTLAND BANGOR WASTE OIL, CASCO SITE

Location: Tenny Hill Road, Casco, Maine

Owner: Town of Casco

DEP Contact: Kathy Howatt (207-287- 4861 or kathy.howatt@maine.gov)



Site History

The Portland Bangor Waste Oil Company facility in Casco (PBWO Casco) is the former site of a waste oil storage and recycling facility. Most of the activity took place between 1969 and 1980; prior to that time, the property was undeveloped. Waste oil was brought to the facility where it was stored in large above ground storage tanks (ASTs) and in drums at the site. In some instances, tanks were used as a means to separate oil from other entrained waste liquids. These activities resulted in contaminating site soil and the underlying groundwater with various hazardous substances, including solvents, waste oil, and polychlorinated biphenyls (PCBs).

The Site was sold for residential use in 1986; the home constructed on the site in 1987 was determined to be in an uncontaminated area and that portion of the site was subdivided in 1997 and a VRAP clearance was issued for the known site contaminants.

A Remedial Investigation (RI) was conducted from 2001-2003, to identify and

quantify the risks and potential risks to human health and to the environment.

Lead, diesel range organics (DRO, or oils), trichloroethene (TCE), tetrachloroethene (PCE), 1,2 dichloroethene (1,2 DCE), trichloroethane (TCA), and PCBs were found in the soil at the site; Lead and PCBs found in the soil were not found in groundwater, however, DRO, TCE, PCE, TCA and 1,2 DCE were found in groundwater. A plume of groundwater contamination extends beyond the property boundaries, and has been observed in monitoring wells located more than 2,000 feet from the site.

Need for Clean-Up

The Site is located in a residential area serviced by individual water supply wells. In 2002 and 2003, DEP directed the removal of more than 6800 tons of contaminated soil from the site, in order to eliminate the direct contact threat, and to reduce, to the extent possible, the ongoing release of contamination to groundwater. The removal effort costs were \$1,288,078; associated groundwater monitoring costs are projected to be an additional \$46,135.79. A Natural Resource Damage Assessment will be used to determine the value of impacted resources, including groundwater.

