

WORKSHEET 1

SUMMARY SCORE SHEET

Note: This document currently has no provision for sediment route scoring.

Site Name: Edmonds Dry Storage Port of Edmonds
Site Location: 400 Admiral Way, Edmonds, Washington
County: Snohomish **Section:** 23 **Township** 27 **Range** 3
Ecology Facility Site ID: 34732418

Score Sheet for Site Register listing of February 27, 2001.

Site Description (Include management areas, compounds of concern, and quantities):

The Edmonds Dry Storage Port of Edmonds (Port) site is located at 400 Admiral Way, Edmonds. It is situated north of the Edmonds Marina Beach and west of the Burlington Northern/Santa Fe railroad mainline and Unocal's bulk fuel terminal. West of the site is Puget Sound. The general groundwater flow in the area is likely to be to the west toward Puget Sound.

Historically, the site was used as beach cabins. Records from the Port show that the site was filled in 1962 with dredged materials. Approximately one year later, the site was almost completely paved over with asphalt and five boat storage sheds were constructed. The site is fenced and includes a paved parking lot to the north.

In March 1996 during a geotechnical exploration, physical evidence of petroleum hydrocarbon contamination was observed at the south marina site. Thus, the Port contacted Unocal regarding the potential contamination, and Unocal responded by installing a single well near a storm drain right-of-way located near the eastern boundary of the Port's property. No contamination was observed at this location. Unocal also submitted data from its remedial investigation at the bulk fuel site to the Port for review. The review was to determine whether the bulk fuel storage site might be the source of contamination to the Port's property. The data revealed that elevated levels of petroleum hydrocarbon contamination were present in soil and low levels of contamination were measured in groundwater from monitoring wells located along the boundary.

Subsequently, the Port hired Landau Associates to conduct a site investigation at the Port's south marina. The investigation was conducted on November 10, 1997 to assess the potential existence and source of petroleum hydrocarbon contamination. The soil and groundwater sampling results showed the presence of petroleum hydrocarbon contamination in excess of Model Toxics Control Act (MTCA) cleanup levels. The source and quantity of contamination are undetermined. However, the suspected source of the release is the Unocal bulk storage terminal, which is located east of the Port property.

The site was referred to the Department of Ecology for an Initial Investigation, which was conducted on January 26, 1999. The site was listed on Ecology's Confirmed and Suspected Contaminated Sites List on July 12, 2000. The listing was for confirmed contamination by petroleum products and for suspected non-halogenated solvents and poly aromatic hydrocarbon. A letter regarding the site hazard assessment was sent on October 9, 2000.

Compounds of Concern and sample results:

Soil

Compound	Result	MTCA cleanup standard
TPH-diesel	5.3-17,000 mg/kg	200 mg/kg
TPH-heavy oil	11-20,000 mg/kg	200 mg/kg

Groundwater

Compound	Result	MCTA cleanup standard
TPH-diesel	0.26-13 mg/L	1.0 mg/L
TPH-heavy oil	0.50-11 mg/L	1.0 mg/L

Special consideration (Include limitations in site file data or data which cannot be accommodated in the model, but which are important in evaluating the risk associated with the site, or any other factor(s) over-riding a decision of no further action for the site):

The Port of Edmonds is in a flood hazard area. The site is covered by pavement. Therefore, air and surface water routes were not scored.

PATHWAY SCORES:

Surface Water/Human Health: **NA**

Surface Water/Environment: **NA**

Air/Human Health: **NA**

Air/Environmental: **NA**

Groundwater/Human Health: **17.26**

OVERALL RANK: 5