

# MOSES LAKE CITY MAINTENANCE FACILITY



## DRAFT REMEDIAL INVESTIGATION/ FEASIBILITY STUDY REPORT (RI/FS)

The Washington Department of Ecology has reviewed the Draft Remedial Investigation/Feasibility Study Report submitted by the City of Moses Lake. The purpose of this report is to provide detailed information about petroleum and other contamination found in soil and groundwater at the Moses Lake City Maintenance Facility. The report also provides an evaluation of possible cleanup alternatives for this site which is located on East Penn Street in Moses Lake, Grant County, Washington (Figure 1).

The RI/FS was conducted as part of an Agreed Order between Ecology and the City of Moses Lake and was issued under authority of the Model Toxics Control Act (Chapter 173-340 WAC).

**Ecology invites the public to review and comment on the Draft RI/FS Report from December 24, 2003 through January 23, 2004.** The box on the right indicates where documents may be reviewed, comments sent and additional information obtained.

### SITE BACKGROUND

The facility is located on a four acre property that has been used for the storage and maintenance of city vehicles from the 1950s through the present. Fueling took place on-site until 1992. During these years of operation, there were several discoveries of petroleum contamination in soil and groundwater. The contamination came from leaks in fuel storage tanks that were kept underground at the site. Lead has also been found in soils at the site.

Several underground storage tanks and contaminated soils were removed between 1970 and 1990. Ecology named the City of Moses Lake as the potentially liable person (PLP) for contamination at the site in 1990. The City then completed a remedial investigation (RI) to find out where and how much contamination was on the property. This investigation led to removal of more soils and all underground storage tanks.

In 1994 Ecology ranked the site a two on its Hazardous Sites List. A score of one indicates the highest

**FACT SHEET: December 2003**

#### Para asistencia en Español:

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#### **COMMENTS ACCEPTED:**

**December 24, 2003 through**

**January 23, 2004.**

#### **REPOSITORIES** (document review)

##### **WA Department of Ecology**

Eastern Regional Office

4601 N. Monroe

Spokane, WA 99205-1295

Ms. Johnnie Landis (509) 329-3415

##### **Big Bend Comm. College Library**

7662 Chanute Street NE

Moses Lake, WA 98837

Mr. Tim Fuhrman (509) 762-6246

**Hours:** Mon-Thurs 7:30 a.m.-9:00 p.m.

Fri 8 a.m.-6 p.m. Sat & Sun 12-6 p.m.

[Library is closed during holidays]

#### **Ecology's web site at**

[http://www.ecy.wa.gov/programs/tcp/sites/moses\\_lake/moses\\_lake\\_hp.html](http://www.ecy.wa.gov/programs/tcp/sites/moses_lake/moses_lake_hp.html)

#### **Send written comments or technical questions to:**

##### **Ms. Sandra Treccani, Site Manager**

WA Department of Ecology

Toxics Cleanup Program

4601 N. Monroe

Spokane, WA 99205-1295

(509) 329-3412 or 1-800-826-7716

E-mail: [satr461@ecy.wa.gov](mailto:satr461@ecy.wa.gov)

#### **Send public involvement or mailing list questions to:**

##### **Ms. Carol Bergin**

WA Department of Ecology

1-800-826-7716 or (509) 329-3546

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level of concern and five the lowest. The City of Moses Lake completed another RI along with a Feasibility Study for areas on the property that were known to be contaminated but had not been cleaned up yet. Actions were taken to remove contaminated soils and clean the groundwater. By 1997 the cleanup efforts were working and groundwater met state cleanup standards. However, in late 2001, the City purchased an adjoining property and discovered more petroleum contaminated soil, after installing some test pits. Ground-water at this new property was not tested but was assumed to have some contamination.

In November 2002, Ecology and the City of Moses Lake entered into an Agreed Order to complete an additional RI/FS to cover the entire site, including the new property.

## **DRAFT REMEDIAL INVESTIGATION/FEASIBILITY STUDY REPORT**

Several activities took place in the spring of 2003 to investigate where contamination was located and how much was present in groundwater and soil. Four groundwater monitoring wells, 30 temporary soil borings, and 6 test pits were installed at the site. Groundwater samples were collected from the new wells, 12 of the temporary borings, and 5 existing wells. Soil samples were collected from the test pits and the temporary borings. All samples were analyzed for petroleum hydrocarbons, and some samples were checked for PCBs, metals, and volatile compounds.

Additional groundwater sampling was done at all of the wells in September 2003. This was done in order to provide more information about metals concentrations in groundwater.

Results of the studies showed certain areas of soil at the site are contaminated with petroleum hydrocarbons and lead, and that one small area of groundwater is contaminated with petroleum hydrocarbons.

The Feasibility Study evaluated several options for cleaning up the site: containing the soil on-site; removing soils to a proper disposal facility; or treating the soils on or off-site. The City of Moses Lake is proposing to remove contaminated soils and dispose of them in a facility off-site as its preferred cleanup. This includes:

- Removal of contaminated soil to an off-site permitted landfill;
- Backfilling areas where soil has been removed with clean soil; and
- Monitoring to be sure the cleanup actions are effective.

## **WHAT HAPPENS NEXT?**

Ecology will review all written comments submitted on the Draft RI/FS Report, and, if necessary, the document will be modified. Once the Draft RI/FS Report is finalized, Ecology will begin work on the Cleanup Action Plan for the Site.

## **HOW YOU MAY BE INVOLVED:**

- ◆ **Review** the Draft RI/FS Report at the repositories listed in the shaded box on page one. Documents may be reviewed in

Ecology's Spokane office by appointment. Please contact Johnnie Landis for an appointment Monday through Thursday, 8-5 p.m.

- ◆ **Send** written comments by **January 23, 2004** to Ms. Sandra Treccani, Site Manager, at the Ecology address listed in the shaded box on page one.
- ◆ **Share** this information with any individuals or groups you think should be informed about the Site.

