

Storey Gas Station, Cle Elum

Kittitas County



1. Remedial Investigation/Feasibility Study Report

2. Interim Cleanup Action

3. Cleanup Action Plan

Storey Gas Station has submitted a Remedial Investigation/Feasibility Study report to the Department of Ecology. This report details the investigation into the petroleum contamination at the site located at 1310 East First Street in Cle Elum.

The purpose of the Remedial Investigation/Feasibility Study report was to determine the extent of diesel and motor oil contamination in soil and groundwater, and suggest ways to clean up the site.

REMEDIAL INVESTIGATION

The remedial investigation portion of the Remedial Investigation/Feasibility Study report details the investigation into the petroleum contamination at the site. This includes information on the location and concentration of the contamination in the soils and ground water.

Work completed during the course of the remedial investigation included:

- Review of site history
- Installing four monitoring wells for water and soil samples
- Digging 22 test pits for soil samples
- Collecting two sediment samples from Younger Creek

The results of the field investigation identified petroleum-impacted soil in the following areas:

- Transfer pump area
- Underground storage tank area
- Fuel dispensing islands
- Southeastern portion of the site

INTERIM CLEANUP ACTION

Following the removal of tanks and other on-site structures, Storey completed interim cleanup activities at the site on September 7, 15, and 16, 1999. Approximately 600 cubic yards of petroleum-contaminated soil were excavated from the source areas and stockpiled on site.

Limited amounts of diesel-range petroleum contaminated soil above MTCA method A cleanup level will remain on site.

FEASIBILITY STUDY

The Feasibility Study portion of the report examines the alternatives for cleaning up the contaminated soil stockpiled on site. Four remedial alternatives are discussed in the Feasibility Study portion of the report:

- No Action
- Off-site disposal of soil
- On-site treatment of soil
- Capping of the site

CLEANUP ACTION PLAN

Storey submitted a Cleanup Action Plan describing the proposed on-site treatment of the contaminated soil. Storey proposed to treat the soil in a lined 50 feet by 150 feet treatment pad. Nutrients will be added to the soil to promote degradation of the petroleum hydrocarbons.

Concurrent with the soil treatment process, Storey will conduct a groundwater monitoring program to assess groundwater quality. The duration of the monitoring program will depend on the results of the samples.

RESTRICTIVE COVENANT

In view of the residual contaminated soil that will remain on site, Storey will place a restrictive covenant on the property. This restrictive covenant will assure appropriate site activities and maintenance while providing assurance that residual contamination remains controlled.

IMPLEMENTATION SCHEDULE

Storey anticipates completion of the on-site soil treatment by fall 2000.

PUBLIC COMMENTS

The public comment period will be from May 18, 2000 through June 18, 2000. Please see the box to the right for more information on how to review and comment on the Remedial Investigation/ Feasibility Study report and the Cleanup Action Plan.

May 2000

For technical questions, or to submit written comments, please contact:

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For other questions or to be placed on the site mailing list, please contact:

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Public Comment Period:

May 18, 2000 through June 18, 2000

Documents on this site can be reviewed at:

Ecology Central Regional Office
address listed above

Carpenter Memorial Library
301 Pennsylvania Avenue
Cle Elum, WA 98922

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