

Cleanup Proposed at Railyard Site Ecology Wants Your Feedback

You have an opportunity to tell Ecology what you think about two documents that will guide cleanup at the BNSF Parkwater Railyard site. The facility, formerly known as Yardley, is one-half mile south of the Spokane River and lies over the Spokane Valley Rathdrum Prairie Aquifer. The property covers about 130 acres that has been used as a railyard for nearly 100 years. Operations continue today and include fueling, intermodal operations, and switching of rail cars. The site address is 5302 East Trent Avenue in the city of Spokane, Spokane County, Washington (see Figure 1).

Past investigations confirmed that contaminants exceeded state standards in seven of ten areas studied. These contaminants included Petroleum Hydrocarbons, Arsenic, Cadmium, Lead, Mercury, Naphthalene, Methylene Chloride and cPAHs.

The following documents are available for comment:

- The Draft Cleanup Action Plan (DCAP) selects the proposed cleanup actions for addressing contaminants at the site.
- The State Environmental Policy Act (SEPA) and Determination of Non-Significance (DNS) consider potential environmental impacts prior to the cleanup.

These documents are draft until Ecology considers public comments and makes any appropriate modifications.

You are invited to

Review the documents listed above.

Send your comments to Ecology **September 30 through October 31, 2011.**

Fact Sheet

Comments Accepted

September 30, 2011 through
October 31, 2011

For special accommodations or this publication in a format for the visually impaired, call Carol Bergin at 509/329-3546. Persons with hearing loss, call 711 for Washington Relay Service. Persons with speech disability call 877/833-6341

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Если вам нужно помощь по русский, звоните

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Facility Site ID No. 676

CSID No. 1318

Document Review Locations

WA Department of Ecology

Kari Johnson, Public Disclosure
4601 N. Monroe St.
Spokane, WA 99205-1295
Call for an appointment 509/329-3415

Ecology's Toxics Cleanup Website

<https://fortress.wa.gov.ecy/gsp/Sitepage.aspx?csid=4956>

Argonne County Library

4322 N. Argonne
Spokane, WA 99206

Submit Comments and Technical Questions

WA Department of Ecology
Sandra Treccani, Site Manager
4601 N. Monroe St.
Spokane WA 99205-1295
509/329-3412 Sandra.Treccani@ecy.wa.gov

Public Meeting Requests and Public Involvement Questions

WA Department of Ecology
Carol Bergin, Public Involvement Coordinator
See address above
509/329-3546 or Carol.bergin@ecy.wa.gov

Why This Cleanup Matters

- ❖ Cleanup protects the Spokane Valley Rathdrum Prairie Aquifer that provides drinking water to more than 500,000 residents.
- ❖ Cleanup reduces possible exposure pathways.
- ❖ Cleanup protects human health and the environment.

Areas Studied

The following are the ten areas studied: Koch Asphalt Lease Area; Diesel Shop and Materials Storage Building; Western Fruit Express (WFE); Generator Storage Area; Dismantling Spur and East and West Debris and Soil Deposit Areas; Yardley Office (Main Line No. 1); Ralston Lead Track; TTX Facility; Fueling Area; Former "Paint" Building; and Former Gasoline Storage Tank Area.

Investigations confirmed contaminants exceeded state standards in seven of the ten areas studied. The TTX Facility and areas near monitoring wells MW22 and MW23 by the Fueling Area did not exceed state standards. The former paint building and gasoline storage tank areas were not contaminated.

Selected Cleanup Actions

Ecology evaluated the four alternatives presented in the Feasibility Study and has chosen Alternative 3 as the remedy for contaminants at the site. The following are the four Alternatives followed by details of Alternative 3.

- **Alternative 1:** Institutional Controls and Monitoring
- **Alternative 2:** Remove Contaminated Soil that is Accessible and Continue Groundwater Treatment
- **Alternative 3:** Combination of Remove Contaminated Soils, Place a Cap over Remaining Contaminated Soils and Continue Groundwater Treatment
- **Alternative 4:** Place a Cap over Contaminated Soils and Continue Groundwater Treatment

Alternative 3: Under Alternative 3 the following are some of the actions that will be implemented:

- Remove contaminated soil and replace it with clean soil in the WFE, Material Storage Building, Dismantling Spur, Yardley Office, and Ralston Lead Track Areas.
- Place a cap made of a minimum of 6" of gravel in the Koch Asphalt and East & West Debris Areas.
- Place an asphalt cap at the Diesel Shop Area.
- Place restrictive covenants on all of these areas to restrict how the property may be used.
- Provide institutional controls on the site to ensure public safety and proper performance and maintenance of the remedies.
- Continue the groundwater treatment system (Soil Vapor Extraction/air sparging) in the Fueling area to address both contaminated groundwater and deeper contaminated soils. The groundwater treatment system will be turned off temporarily and assessed after one month to determine whether contaminant concentrations will rebound. Deed restrictions for soil will not be required here because soil contamination is deeper than 15 feet, protecting the dermal exposure pathway. However, groundwater restrictions will be required if the level of contamination doesn't meet state standards after a temporary system shutdown.
- Conduct compliance monitoring to ensure the remedies are working properly.
- Take precautions to control dust during work at the site.

State Environmental Policy Act (SEPA) and Determination of Non-Significance (DNS)

The State Environmental Policy Act, known as SEPA, requires government agencies to consider potential environmental impacts of a project before beginning the cleanup.

- After review of a completed environmental checklist and other site-specific information, Ecology has determined the cleanup of the site-

related contaminants will not have a probable adverse impact on the environment.

- This action will benefit the environment by reducing the release of toxic chemicals from the site.
- Therefore, Ecology has issued a Determination of Non-Significance.

What Happens Next?

Ecology will review and respond to comments received by **October 31, 2011**. Modifications may be made to the reports if appropriate, and the reports will become final.

Ecology will hold a public meeting to discuss the DCAP and SEPA documents if ten or more people request such a meeting. Please contact Carol Bergin at the Ecology office in Spokane to request a meeting.

Figure 1 Site Map

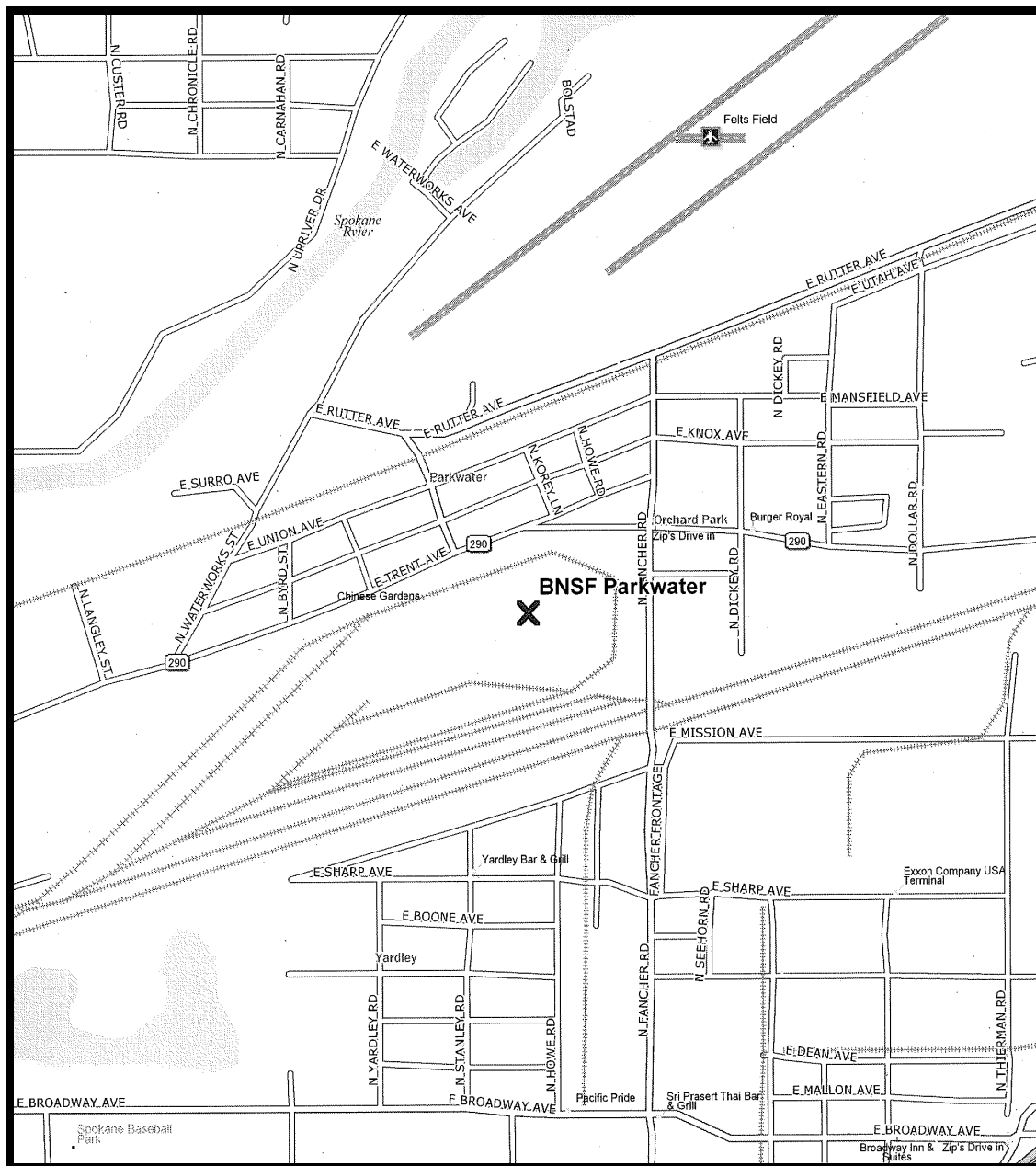
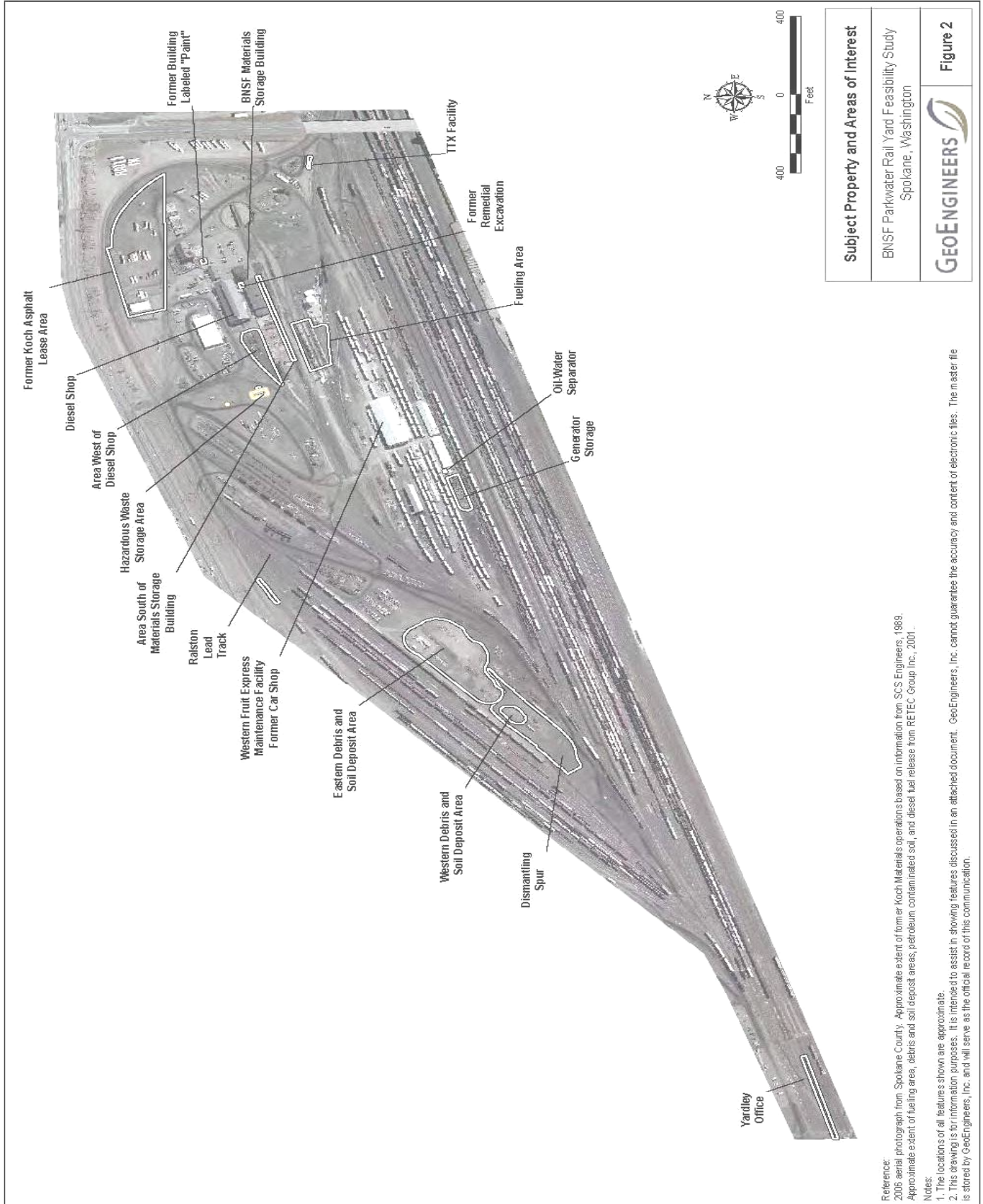


Figure 2 Areas Studied



Subject Property and Areas of Interest

BNSF Parkwater Rail Yard Feasibility Study
Spokane, Washington

GEOENGINEERS

Figure 2

Reference:
2006 aerial photograph from Spokane County. Approximate extent of former Koch Materials operations based on information from: SCS Engineers, 1989.
Approximate extent of fueling area, debris and soil deposit areas, petroleum contained soil, and diesel fuel release from RETEC Group Inc., 2001.

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.