

Work Plan for Evaluation of Contaminants in Soil and Groundwater Available for Comment

Ecology invites comments on a proposed Work Plan that will guide investigations and development of cleanup options at the Airport Kwik Stop site. The site lies west of Highway 31 and north of Greenhouse Road in Ione, Pend Oreille County, Washington (Fig. 1).

Contamination is found in soil and groundwater at the Airport Kwik Stop, beneath the Cabin Grill, and on two private properties. One property is located south of the Cabin Grill, and the other is north of Dewitt Road and east of Highway 31.

Completion of the Work Plan will result in Remedial Investigation and Feasibility Study Reports. The Remedial Investigation Report will provide information about the extent of contamination at the site. Current contaminants of concern include volatile organic compounds, diesel, gasoline, and oil-range petroleum hydrocarbons in soil and groundwater. The Feasibility Study Report will evaluate options for cleanup.



Airport Kwik Stop Site

You are invited to:

- **Review** the Work Plan for the Remedial Investigation and Feasibility Study. These documents are draft until Ecology considers public comments and makes any appropriate modifications.
- **Send** comments to Doug Ladwig of Ecology **February 27 through March 28, 2012**. Doug's contact information is in the box at the right.

Site Background

The Work Plan refers to the site as the Ione Petroleum Contamination Site. However, the formal name of the site is the Airport Kwik Stop site. Three properties make up the site including the Airport Kwik Stop, the Cabin Grill, and vacant properties north, south and east of the Cabin Grill.

Comments Accepted

February 27 through March 28, 2012

For **ADA accommodations** or documents in an alternate format, call Carol Bergin 509/329-3546 (voice), 711 (relay service), or 877-833-6341 (TTY).

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

Ione Public Library

Ione Community Center
200 Blackwell, Suite 1
P.O. Box 605
Ione, WA 99139
509/442-3030

Ecology's Toxics Cleanup Website

<https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4203>

Submit Comments and Technical Questions

WA Department of Ecology
Doug Ladwig, Site Manager
4601 N. Monroe St.
Spokane, WA 99205-1295
509/329-3440
Doug.Ladwig@ecy.wa.gov

Public Involvement Questions

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

Facility Site ID No. 32584416

Cleanup Site ID No. 4203

The Airport Kwik Stop was formerly a convenience store and historically sold gasoline and diesel. In 1994 underground storage tanks were removed and above ground storage tanks were used to store fuel. In 2008 a leak occurred in a pipe connection under the premium gas dispenser which resulted in spraying gasoline inside the dispenser. In 2010 and 2011 soil and groundwater samples taken from the site showed certain contaminants exceeded state standards.

During investigations to understand the source of the contamination, gasoline-range petroleum hydrocarbons and BTEX compounds were found in soil and groundwater beneath the Cabin Grill. The Cabin Grill installed filters on their tap water system to address the contaminants.

Soil and groundwater at two private properties are also being investigated. One property is located south of the Cabin Grill and the other is north of Dewitt Road and east of Highway 31.

Additionally, in 2008 two underground storage tanks (USTs) were removed at the Ione Airport. Soil contamination was discovered at that time. During follow-up investigations conducted in 2010 and 2011 soil and groundwater at the Ione Airport met state standards. The Ione Airport is currently not considered part of the Airport Kwik Stop site.

Questions About Exposure

The Remedial Investigation will evaluate potential exposure pathways for wildlife, aquatic life, and humans at the site. The possible exposure pathways include:

- Drinking contaminated groundwater or surface water
- Skin contact with soil, surface water, or groundwater
- Breathing contaminated air vapors

Local and state health agencies are aware of the site and have worked to protect drinking water. Pilot tests that will be conducted as part of the Remedial Investigation will provide additional information about how to improve soil and groundwater at the site.

Health-related questions about private wells near the site may be directed to Matt Schanz at Northeast Tri County Health District 509/684-2262. Questions about public water systems may be directed to Tom Justus at Department of Health Office of Drinking Water 509/329-2119.

Ecology Proposes to Sample Domestic Wells and Survey Land

Private properties located downgradient from the current site may be invited to have their domestic wells sampled as the Remedial Investigation progresses and information on the extent of groundwater contamination is better understood. This sampling will provide additional information about whether site-related contamination has reached those areas.

Vacant property south of the Cabin Grill and property surrounding the building at the Airport Kwik Stop will be surveyed for possible underground storage tanks that might be contributing to the petroleum contamination.

Ecology or their consultants from GeoEngineers will contact individual property owners for permission to access wells for sampling and land for surveys.

Pilot Tests

Consultants for Ecology will install new groundwater monitoring wells and soil borings to further evaluate where contaminants are located.

In addition to these efforts two pilot treatment systems will be installed. A Soil Vapor Extraction (SVE) system will be tested at the Airport Kwik Stop to see if it will reduce contaminants in soil. An Air Sparge test will be used to see if it reduces contaminants in groundwater.

Additionally, pumping tests will be conducted to determine impacts to surrounding wells and the aquifer, and whether a pump and treat system could intercept contaminants found in groundwater.

What Happens Next?

Ecology will review and respond to all comments about the proposed Work Plan that are **submitted by March 28, 2012**. A written Responsiveness Summary will be prepared and sent to all commenters and placed on the website listed in the box on page 1. Ecology will make modifications to the Work Plan based on public comment if appropriate. If no changes are made, the Work Plan will become final.

The completed Remedial Investigation and Feasibility Study Reports will be made available for public comment.

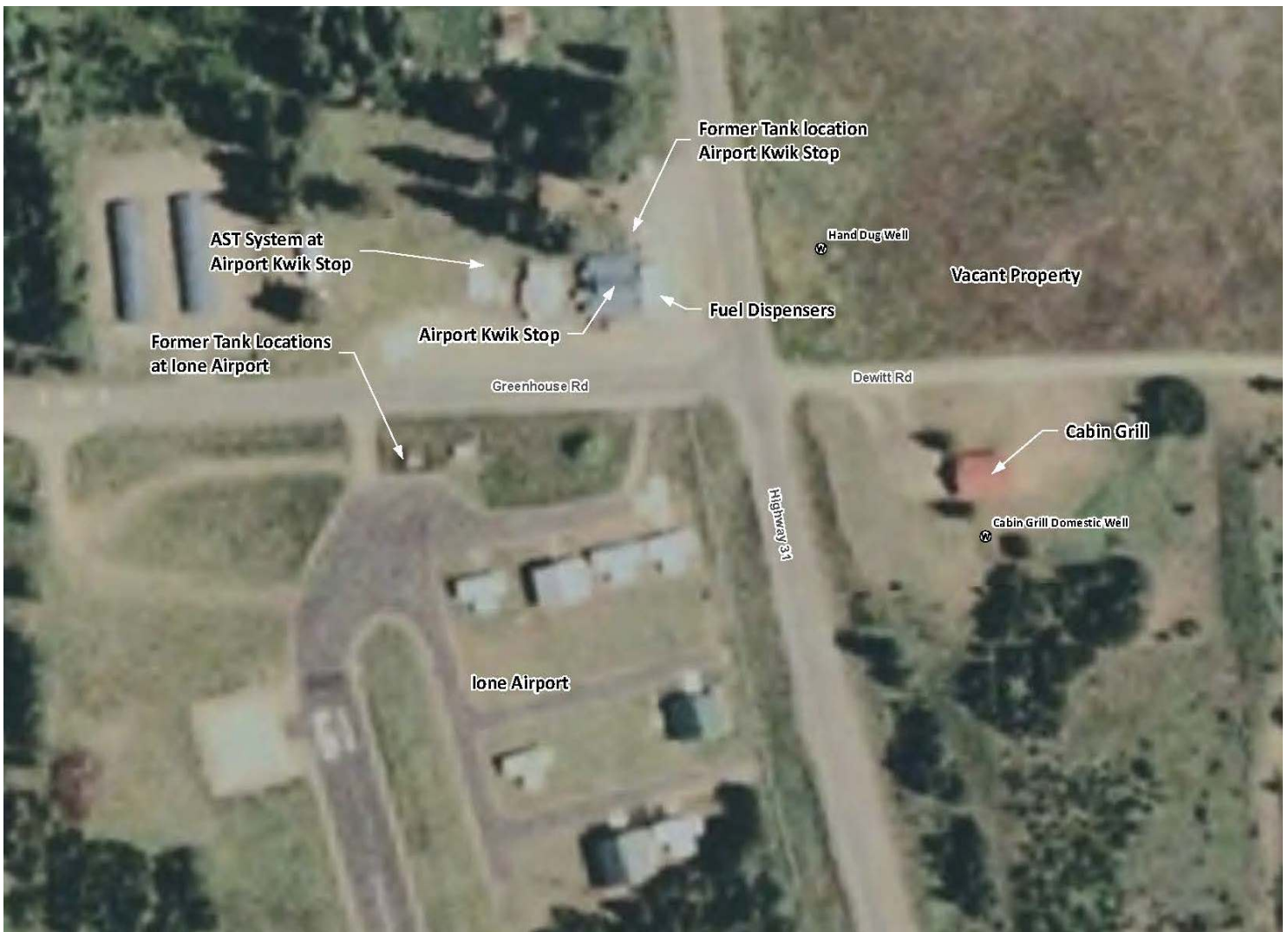


Figure 1



DEPARTMENT OF
ECOLOGY
State of Washington
4601 N. Monroe
Spokane, WA 99205-1295

Airport Kwik Stop Site

Comments Accepted about the Work Plan for
Remedial Investigation Feasibility Study
February 27 through March 28, 2012