



Responsiveness Summary

Draft Remedial Investigation
and
Draft Feasibility Study

**Airport Kwik Stop
Ione, WA**

CSID 4203
FSID 32584416

Public Comment Period November 27 through December 30, 2013

Prepared by
Washington State Department of Ecology
Eastern Regional Office
Toxics Cleanup Program
Spokane, WA

January 2014

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Airport Kwik Stop, Ione, WA
Draft Remedial Investigation – Draft Feasibility Study
Responsiveness Summary

The Washington State Department of Ecology (Ecology) held a 30-day public comment period from November 27 through December 30, 2013 for the following reports: *Remedial Investigation Report Airport Kwik Stop Site Ione, Washington*; and *Feasibility Study Airport Kwik Stop Ione, Washington*. The purpose of this Responsiveness Summary is to document Ecology's responses to comments submitted during the public comment period.

Ecology would like to thank all those who commented. Based on the one comment received, no changes will be required for the Remedial Investigation or the Feasibility Study prepared for the Airport Kwik Stop. The Remedial Investigation Study and the Feasibility Study for the Airport Kwik Stop, Ione, WA are therefore final.

The Remedial Investigation and the Feasibility Study were conducted in accordance with the Model Toxics Control Act WAC 173-340-350. The reports were prepared to meet the requirements of the regulations and determine options for the next phase of the cleanup of the Airport Kwik Stop petroleum release.

The Responsiveness Summary is organized as follows:

- I. Index of comments received during the November 27, 2013 through December 30, 2013 comment period.
- II. Comments (copies of original letters and electronic emails are included in this summary) received during the November 27, 2013 through December 30, 2013 comment period.
- III. Ecology's responses to comments received during the public comment period.

I. INDEX OF COMMENTS RECEIVED DURING THE PUBLIC COMMENT PERIOD.

1. Letter from Chuck Wachter, dated December 21, 2013 and received by Ecology on December 24, 2013.

II COMMENTS RECEIVED DURING THE PUBLIC COMMENT PERIOD

December 21, 2013

WA Department of Ecology
Doug Ladwig, Site Manager
4601 N. Monroe St.
Spokane, WA 99205-1295

RECEIVED

DEC 24 2013

Department of Ecology
Eastern Regional Office

Re: Airport Kwik Stop Site, Ione, WA

Dear Doug:

I worked for twenty years in mining/Mining Exploration (claim staking). I would enjoy a dumbed down version or interpretation of the Airport Quick Stop Site.

How is this affecting my and other water quality?

How is this affecting the value of our homes?

Is the Airport Quick Stop site a "dead zone"?

Thank You,



Chuck Wachter
509-442-2002
4001 Sullivan Lake Road
Ione, WA 99319

III ECOLOGY'S RESPONSES TO COMMENTS RECEIVED DURING THE PUBLIC COMMENT PERIOD

(Note: Quoted comments are provided exactly as submitted.)

Ecology received one (1) written comment from the public concerning the draft Remedial Investigation report and Feasibility Study for the Airport Kwik Stop.

Responses to comments and questions submitted by Chuck Wachter in letter dated December 24, 2013.

1. *I WORKED FOR TWENTY YEARS IN MINING/MINING EXPLORATION (CLAIM STAKING). I WOULD ENJOY A DUMBED DOWN VERSION OR INTERPRETATION OF THE AIRPORT QUICK STOP SITE.*

Ecology Response: The Airport Kwik Stop is the former location of a retail gasoline convenience store. During the operation in 2008 a fuel release occurred beneath the fuel dispenser. The fuel entered the ground beneath the dispenser and eventually impacted the groundwater beneath the site. As a result of the fuel release at the convenience store, groundwater contamination was detected at the former Cabin Grill restaurant. The Cabin Grill is down gradient from the Airport Kwik Stop. Investigative work by Ecology's prime contractor has determined the extent of the soils impacted by the release and the extent of the groundwater contamination. Monitoring wells installed to determine the extent of the ground water contamination are being monitored on a quarterly basis.

2. *HOW IS THIS AFFECTING MY AND OTHER WATER QUALITY?*

Ecology Response: Given your address on Sullivan Lake Rd, I do not believe the Airport Kwik Stop is affecting your water quality, unless you own another property in the path of the groundwater contamination identified in the Remedial Investigation report. The contamination is located in the shallow aquifer beneath the Airport Kwik Stop and at down gradient properties on the west side of the Pend Oreille River. Contaminated groundwater is moving southeast and east from the Airport Kwik Stop. Ecology has been sampling private water wells in the known area of the petroleum release and in the path of the groundwater contamination.

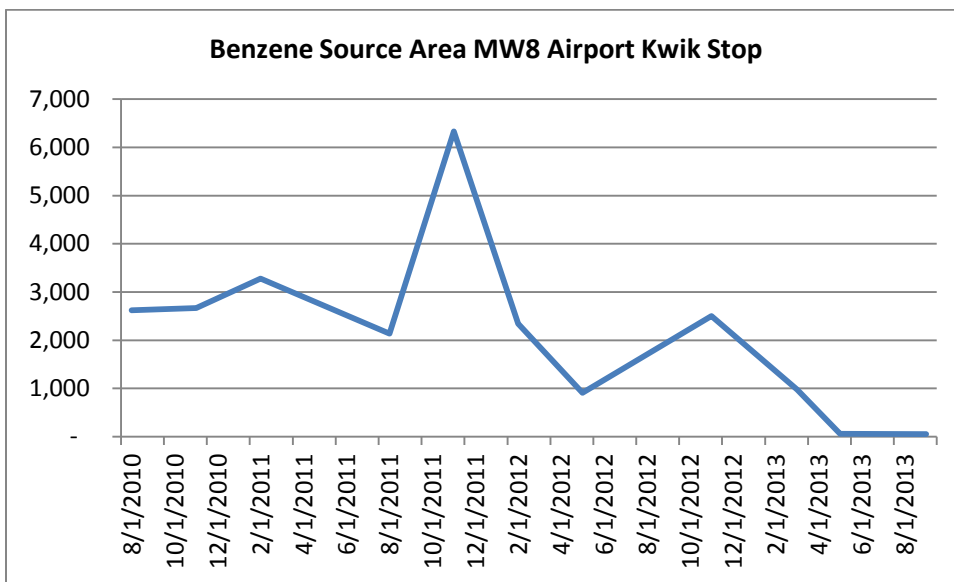
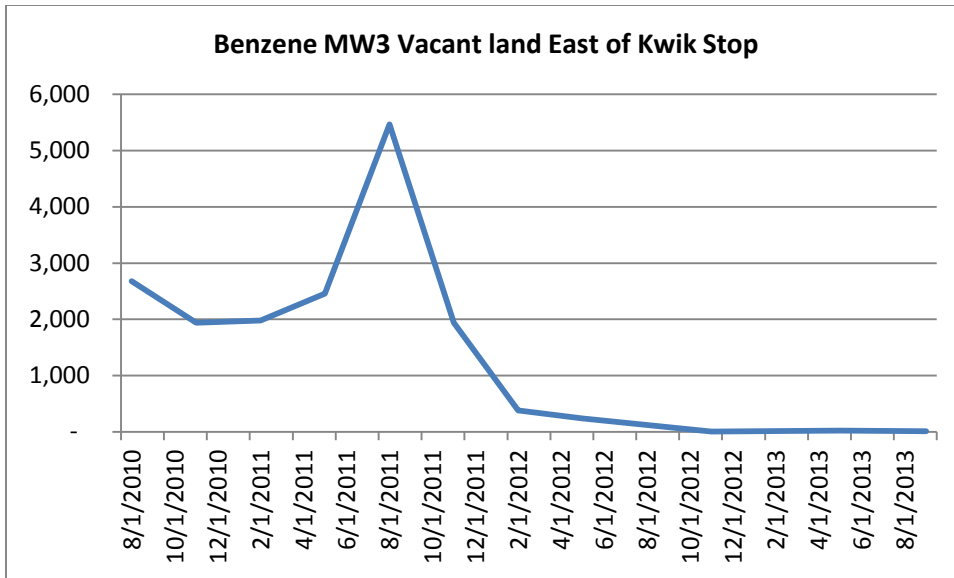
3. *HOW IS THIS AFFECTING THE VALUE OF OUR HOMES?*

Ecology Response: Ecology cannot determine the effect of groundwater contamination on property values and we cannot provide legal advice.

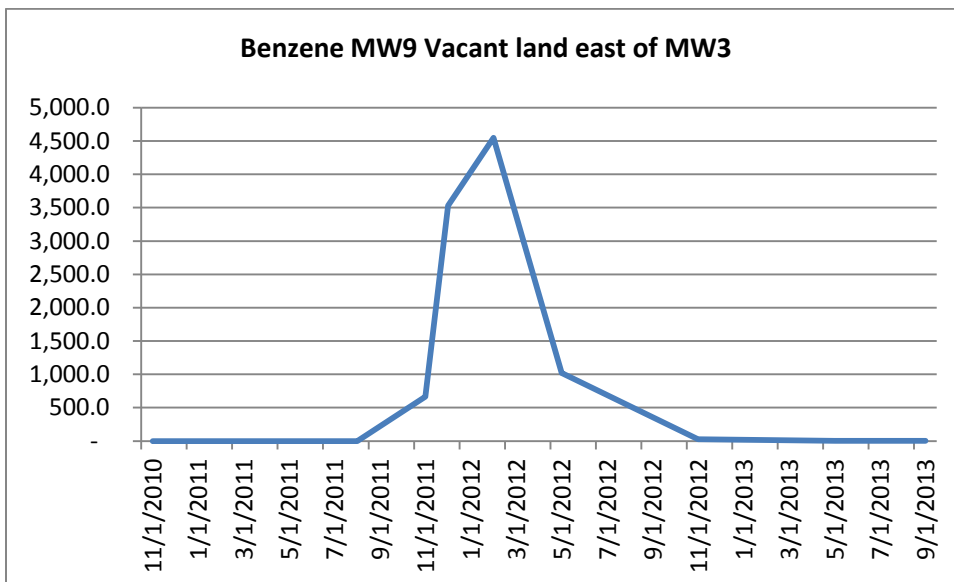
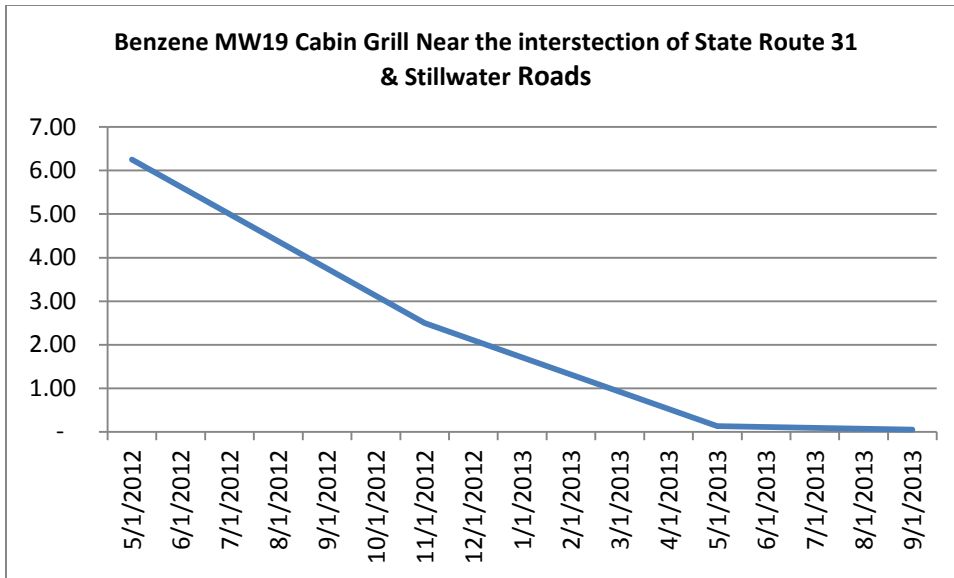
4. *IS THE AIRPORT QUICK STOP SITE A "DEAD ZONE"?*

Ecology Response: Thank you for clarifying what you were referring to by "dead zone" in our phone conversation. As we discussed on the phone, the constant operation of the current Soil Vapor Extraction system (SVE) continues to reduce the petroleum contamination in soils beneath the Airport Kwik Stop. The SVE system also has a bio-vent blower which introduces air into the subsurface soils to stimulate bio-degradation of the petroleum contamination. Our observation is that the SVE and bio-vent system are reducing the petroleum contamination in soils and contributing to the reduction in petroleum contaminated groundwater throughout the Site. The graphs provided on the next few pages show the reduction of benzene at the site in selected wells.

Groundwater Monitoring Well Graphs for Selected Wells



Results in ppb = parts per billion

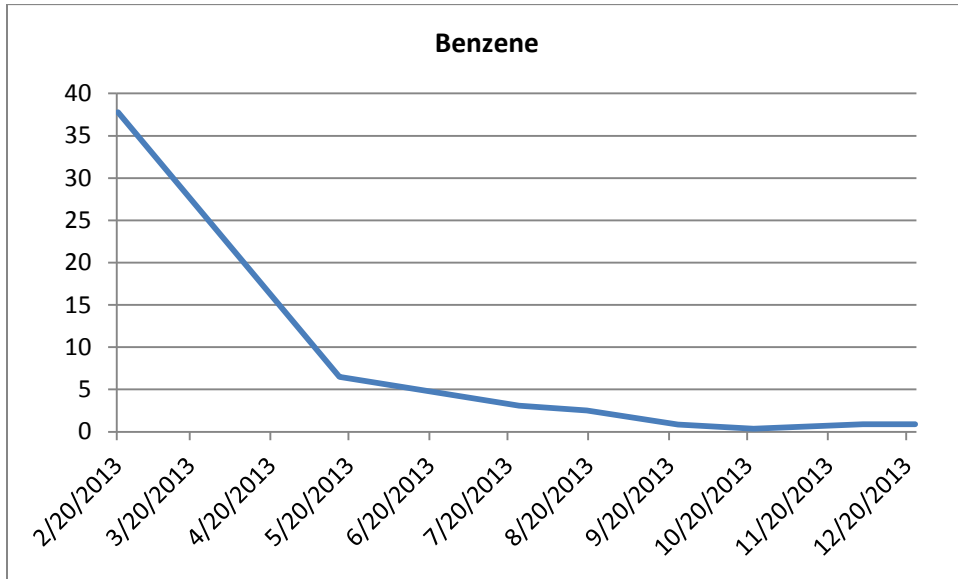


Results in ppb = parts per billion

Soil Vapor Extraction graph for Laboratory Results

Soil Vapor Extraction System

Air Sample Results



ppmv = parts per million by volume