

March 21, 2012

Mr. Roy Chance
Kittitas County Public Works
411 N. Ruby Street, Suite 1
Ellensburg, Washington 98926

Subject: Institutional Controls for a Portion of the Right-of-Way at the Intersection of Interstate 90 and the Thorp Highway, adjacent to the Former Bingo Fuel Stop Site in Thorp, Washington

Dear Mr. Chance:

The purpose of this correspondence is to inform you of ongoing natural attenuation (i.e., remediation) of petroleum-contaminated soil and groundwater adjacent to the Burns Brothers former Bingo Fuel Stop site located in Thorp, Washington and to request notification if you have crews working in the area. More specifically, the site is located on the southwest corner of the intersection of Interstate 90 and the Thorp Highway as shown on the enclosed map. Notification to local agencies of soil exceeding state cleanup levels is being provided in accordance with Washington Administrative Code (WAC) 173-340-440.

Background

From 1992 through 1999, the Former Bingo Fuel Stop site underwent cleanup of petroleum-contaminated soil and groundwater under an Agreed Order with the Washington Department of Ecology (Ecology). Analytical results show successful removal and/or treatment of contaminated soil and groundwater at the site; however, contaminated groundwater was left under the eastbound I-90 off-ramp right-of-way and under the Thorp Highway right-of-way adjacent to the site. Although groundwater underlying the adjacent areas has concentrations of benzene and gasoline above the state cleanup levels, the concentrations have been decreasing over time. The following table shows the concentrations of contaminants remaining in groundwater underlying the right-of-way areas; these same compounds are the contaminants of concern for soil underlying the right-of-way areas.

Ecology has found that monitored natural attenuation of groundwater coupled with institutional controls for residual soil contamination in these two areas fulfills the threshold requirements of WAC 173-340-360 and is protective of human health and the environment at the site. An annual natural attenuation groundwater monitoring program has been conducted from 2001 through the present, and is ongoing. The purpose of natural attenuation monitoring is to demonstrate that natural attenuation continues to occur at the site and that the mass, toxicity, mobility, volume, and concentrations of contaminants continue to be stable or are decreasing over time.

Summary of Contaminants Remaining in Groundwater underlying the Right-of-Way Areas:

Well ID	Benzene ug/L	Ethylbenzene ug/L	Toluene ug/L	Xylenes ug/L	Gasoline mg/L	Diesel/Oil mg/L
MW6	7.9	180	12	730	4.0	<0.25/<0.50
MW8	30	28	5.1	33.6	0.32	<0.25/<0.50
MW12	<1.0	<1.0	<1.0	<1.0	<0.10	<0.25/<0.50
Cleanup Level	5.0	400	800	8,000	1.0	1.0

Institutional Controls and Notification Requirements

Until cleanup goals are met, institutional controls will be implemented as part of the Agreed Order. Such controls will be in effect until the soil points of compliance have been met as determined by Ecology, after public notice has been given. At that time, you will receive further notice indicating the institutional controls have been removed. Institutional controls to be implemented include use restrictions requiring the cleanup of contaminated subsurface soils disturbed or removed during road maintenance, maintaining monitoring wells, periodic inspections of highway conditions to ensure contaminated soils remain capped, and sending educational/notification letters to local agencies. Burns Brothers, Inc. will maintain existing monitoring wells and periodically inspect the area to ensure contaminated soils remain capped.

To ensure that proper soil handling and health and safety precautions are taken during construction or road maintenance activities in the right-of-way area of concern we request that Kittitas County PUD perform the following actions:

1. Include a copy of this notification letter in your contaminated site file database.
2. Implement a procedure to review your contaminated site file database as part of the right-of-way permit approval process, for construction related work in the right-of-way area of concern.
3. Contact the following persons prior to planning any type of construction work within the right-of-way area of concern.
 - a. Bruce Burns of Burns Brothers, Inc. at (503) 534-2500
 - b. Jeff Newschwander of Ecology at (509) 454-7842

Mr. Roy Chance
March 21, 2012
Page 3

Upon notification, Burns Brothers and Ecology will help coordinate the assistance, soil handling, soil transport and disposal, or oversight required for your specific project. During such work, crews should follow proper health and safety procedures.

Please respond in writing to the undersigned and Ecology to acknowledge receipt of this notification letter and confirmation of how Kittitas County Public Works will implement the use restriction and notification process described. If you have other questions or issues concerning this site, please call the undersigned at (503) 534-2500.

Sincerely,

Bruce Burns
Chairman and CEO

cc: Jeff Newschawander
Toxics Cleanup Program
Washington Department of Ecology
15 West Yakima Ave, Suite 200
Yakima, WA 98902