Public Health
Seattle & King County

HEALTHY PEOPLE. HEALTHY COMMUNITIES.

Alonzo L. Plough, Ph.D., MPH, *Director and Health Officer*

August 14, 2002

Sharon Chambers
21424 SE 262nd Street
Maple Valley, WA 98038

Dear Mrs. Chambers:

Public Health – Seattle & King County has completed the site hazard assessment (SHA) of the Chambers Property site, as required under the Model Toxics Control Act. A determination of no further action (NFA) at this site has been made by Ecology based on this SHA.

For your information, Ecology will be publishing the results of this, and other recently completed SHAs in the August 27, 2002 Special Issue of the Site Register.

Ecology reserves the right to initiate further investigation at this site where new information is received indicating a potential/actual threat to human health and/or the environment through the release of hazardous substance(s).

Please contact me at (206) 296-4798 if you have any questions/comments regarding this SHA determination of NFA.

Sincerely,

Yolanda King, R.S.
Health & Environmental Investigator II

YK:nm

Environmental Health Services Division
999 Third Avenue, Suite 700 • Seattle, WA 98104-4039
T (206) 205-4394 (V/TDD) F (206) 296-0189 • www.metrokc.gov/health

City of Seattle
Gregory J. Nickels, *Mayor*

King County
Ron Sims, *Executive*

SITE HAZARD ASSESSMENT
Recommendation for No Further Action

Site Name/Location (Street, City, County, Section/Township/Range, Facility Site ID):

Chambers Property
21424 SE 262nd Street
Maple Valley, WA 98038
King County
T-22N, R-06E, Sec-28
Ecology Facility Site ID: 55592315
Longitude: 122° 31′ 19.2″
Latitude: 47° 22′ 3.89″
July 31, 2002

Site Description (Include management areas, substances of concern, and quantities):

The Chambers Property site is located off of SE 262nd Street nearby Lake Lucerne within a residential area in Maple Valley. This 0.44-acre site consists of a home, carport, and a large garage located on a narrow, rectangular parcel. The property is used as the primary residence of the owner, Sharon Chambers. The property used to be owned by a racing family and another tenant that leased the property and littered the site with garbage, old cars, and tires. Once the business had ceased, Mrs. Chambers had the site cleaned up to comply with the City of Maple Valley requirements by removing barrels, excavating soil, and replacing the soil with clean gravel. Currently, there is no auto repair activity occurring at the site, but there is continual cleanup on the site with the removal of solid waste items. This site is located in an area served by municipal water and sewer systems. There are eleven Group A public water systems' wellheads within a 2-mile radius of the Chambers Property site to the southeast with the nearest Group A wellhead 1320 feet away across Lake Lucerne.

On April 13, 1995, an anonymous complaint to the Environmental Protection Agency (EPA) was forwarded to the Washington State Department of Ecology (Ecology) concerning oil and gasoline spills into the ground, storing old cars and auto parts, and burning items on-site of a property. On May 18, 1995, Ecology conducted the initial investigation and indicated there was no sign of a problem at the time of the site visit and recommended a "no further action."

On February 20, 1998, another complaint was called into Ecology on the Chambers Property concerning dumping of assorted junk including junk vehicles. The complainant was concerned with possible contamination migrating from the Chambers Property to their property. Ecology referred the complaint to Public Health - Seattle and King County (PHSKC) in March 1998. PHSKC conducted a site visit on March 25, 1998 and observed lots of vehicles in the back of the house. No one was home at the time of the site visit. As a result, PHSKC contacted the owner and scheduled the second site visit on May 4, 1998 and received a tour of the property by Ken Havens, property resident. PHSKC observed several places of spilled oil, transmission fluid, axle grease, and other automobile-related spills. Barrels located along the fence were partially filled with various solvents and even one appeared to be leaking kerosene. Mr. Havens indicated to PHSKC that the owners were in the process of removing the stained soils.

Due to PHSKC's findings, PHSKC recommended the Chambers Property site to be listed on Ecology's Confirmed and Suspected Contaminated Sites list. Also, an educational mailing regarding the process of properly disposing petroleum contaminated soil and used petroleum products was sent by PHSKC on May 6, 1998.

NWTPH-Diesel was not detected in any of the three samples and lube oil was detected only in the second and third samples, however the levels did not exceed the MTCA Method A cleanup level of 2000 ppm for lube oil as shown in the table below in ppm.

	Diesel	Lube oil
CP #1	ND	ND
CP #2	ND	680
CP #3	ND	140
MTCA Method A Cleanup Level	2,000	2,000

ND = Not Detected

Based on receipts provided to PHSKC the day of the site visit, there had been continuous removal of solid waste items on the property with the most recent cleanup in May 2002 where 0.66 tons of solid waste was hauled to the transfer station. Although the results in the previous tables did indicate some soil contamination at the Chambers Property site, the levels were well below the MTCA Method A cleanup levels for the detected contaminants.

On the basis of this SHA, the PHSKC's Environmental Health Division recommends that this site receives no further action (NFA) under the MTCA, based on its documented insignificant threat to human health and the environment.