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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

CERTIFIED MAIL

May 8, 2006

Malcolm White
Olympic Laundry and Cleaners
418 S Lincoln Street
Port Angeles, WA 98362

Re: No Further Action Determination under WAC 173-340-515(5) for the following Hazardous Waste Site:

- Name: Olympic Laundry and Cleaners
- Address: 418 S Lincoln Street
- Facility/Site No.: 44297841
- VCP No.: SW 0612

Dear Mr. White:

Thank you for submitting your independent remedial action report for the Olympic Laundry and Cleaners facility (Site) for review by the State of Washington Department of Ecology (Ecology) under the Voluntary Cleanup Program (VCP). Ecology appreciates your initiative in pursuing this administrative option for cleaning up hazardous waste sites under the Model Toxics Control Act (MTCA), Chapter 70.105D RCW.

This letter constitutes an advisory opinion regarding whether further remedial action is necessary at the Site to meet the substantive requirements of MTCA and its implementing regulations, Chapter 70.105D RCW and Chapter 173-340 WAC. Ecology is providing this advisory opinion under the specific authority of RCW 70.105D.030(1)(i) and WAC 173-340-515(5).

This opinion does not resolve a person's liability to the state under MTCA or protect a person from contribution claims by third parties for matters addressed by the opinion. The state does not have the authority to settle with any person potentially liable under MTCA except in accordance with RCW 70.105D.040(4). The opinion is advisory only and not binding on Ecology.



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Ecology's Toxics Cleanup Program has reviewed the following information regarding the Site:

1. DLH Environmental Consulting, Underground Storage Tank Decommissioning and Site Assessment; November 20, 1998.
2. Voluntary Cleanup Program Application and Miscellaneous correspondence contained in Ecology's files dating from 1995 to 2004.

The documents listed above will be kept in the Central Files of the Southwest Regional Office of Ecology (SWRO) for review by appointment only. Appointments can be made by calling the SWRO resource contact at (360) 407-6365.

The Site is defined by the extent of contamination caused by the following release:

- Total Petroleum Hydrocarbons as Stoddard Solvent into the soil.

The Site is more particularly described in Enclosure A to this letter, which includes a detailed Site diagram. The description of the Site is based solely on the information contained in the documents listed above.

Based on a review of the independent remedial action report and supporting documentation listed above, **Ecology has determined that the independent remedial action(s) conducted at the Site are sufficient to meet the substantive requirements contained in MTCA and its implementing regulations, Chapter 70.105D RCW and Chapter 173-340 WAC, for characterizing and addressing the contamination at the Site.** Therefore, pursuant to WAC 173-340-515(5), Ecology is issuing this opinion that **no further remedial action is necessary** at the Site under MTCA.

Based on this no further action determination, Ecology will update the status of the Site on its site database and remove the Site from the Confirmed and Suspected Contaminated Sites List and the Leaking Underground Storage Tank list

This no further action determination does not apply to any other release(s) or potential release(s) of contaminant(s) that may impact any other portion of any property impacted by this Site, or any other property owned or operated by Malcolm White.

Please note that this opinion is based solely on the information contained in the documents listed above. Therefore, if any of the information contained in those documents is materially false or misleading, then this opinion will automatically be rendered null and void and further remedial action may be required at the Site.

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The state, Ecology, and its officers and employees make no guarantees or assurances by providing this opinion, and no cause of action against the state, Ecology, its officers or employees may arise from any act or omission in providing this opinion.

Again, Ecology appreciates your initiative in successfully completing cleanup under the Voluntary Cleanup Program (VCP). If you have any questions regarding this opinion, please contact me at (360) 407-6261.

Sincerely,



Lisa Pearson
Project Engineer
Toxics Cleanup Program
Southwest Regional Office

LP/ksc:NFA Olympic Laundry

Enclosures: 2

Cc: Chuck Cline, Department of Ecology
Bob Warren, Department of Ecology
Trish Akana, Department of Ecology (SW0612)

ATTACHMENT A

Site consists of a commercial dry cleaning property located at 418 South Lincoln Street, Port Angeles, WA 98362. The site is located in the downtown area and is surrounded by commercial properties. The native soil is documented as a grey, silty clay to 9 feet below ground surface.

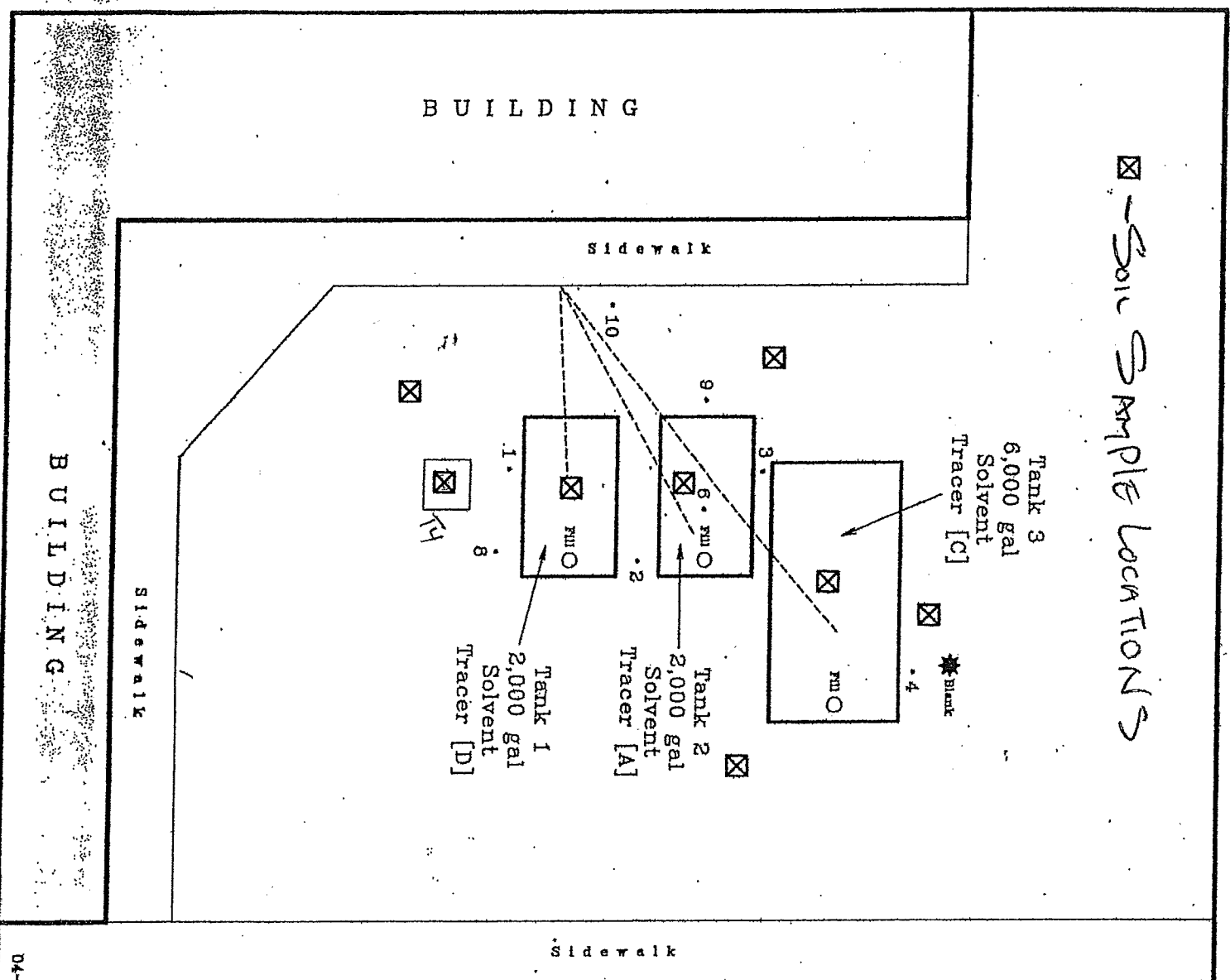
The site sits approximately 0.6 miles from the straits and lies between Peabody Creek on the east (closer to) and Valley Creek on the west. The closest groundwater well is over a mile and a half away (upgradient, assuming groundwater flow to be toward the straits) and has a static water level at 121 feet bgs. There are a few dry geotechnical borings approximately a mile away. Soils documented in the boring logs are layers of hard pan, silty sand and sandy silts.

The Stoddard solvent dry cleaning system consisted of four underground storage tanks, which were manifolded together to create a closed loop solvent system to feed the dry cleaner. The solvent came out of the tank system, into the building for use, through a filter, was distilled, re-filtered and put back into the other end of the tank system for use. There was one fill port and one exit port for the four-tank system. The owner only bought new solvent every 2 or 3 years (according to notes to the file from an Ecology inspector). The solvent historically used at the facility is Stoddard Solvent. Stoddard Solvent is a petroleum mixture of c7 to c12 hydrocarbons and is not as persistent in the environment as PCE or TCE products. In addition, the density of Stoddard solvent is 48.70 pounds per cubic foot (pcf) which is significantly less than that of water at 62.4 pcf.

In 1998, all four existing underground storage tanks were removed and a site assessment was conducted in accordance with regulations. Soils previously backfilled around the tanks consisted of grey, fine to medium grained silty sand. A native soil was present at 9 feet below ground surface (bgs) and consisted of a grey, silty clay. No groundwater was encountered in the tank excavation and no water samples were collected. All associated product lines and vent lines were removed with the tanks and cut flush to the building. A visual inspection of the tanks after removal shows a small hole to be present in Tanks 3 and 4.

Soil samples were collected from below each tank and the excavation side-walls after 285 tons of soil was excavated. The excavation extended from 9 feet bgs under Tank 1 to 13 feet bgs under Tank 4. Clean fill was brought in and compacted in the excavation area. Results of the samples' analyses show concentrations of Stoddard solvent, as detected by NWTPH-Dx, are less than 10 mg/kg except in 3 samples. The first and second were collected in the south wall and floor between Tank 2 and Tank 3 of the excavation and are reported as 10 mg/kg. The third was collected below Tank 1 at 9 feet bgs and shows a Stoddard solvent concentration of 40 mg/kg. All the results of soil analyses show concentrations much below the applicable 1998 MTCA cleanup level of 200 mg/kg.

☒ - Soil Sample Locations



Tank 3
6,000 gal
Solvent
Tracer [C]

Tank 1
2,000 gal
Solvent
Tracer [D]

Tank 2
2,000 gal
Solvent
Tracer [A]

★ Blank

L I N C O L N S T R E E T

Tracer Research Corporation

EXPLANATION

• 1. Sampling Probe Location

04-02-97

OLYMPIC LAUNDRY

418 SOUTH LINCOLN
PORT ANGELES, WASHINGTON 98362

SAMPLING LOCATIONS

1801

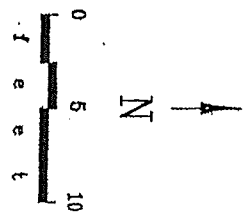


Figure 1