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Mart Groves, LG
Port of Vancouver USA
3103 Northwest Lower River Road
Vancouver, Washington 98660

Re: Terminal 1 October 2019 Groundwater Monitoring

Dear Mr. Groves:

In October 2019, on behalf of the Port of Vancouver (Port), Muel Fox completed groundwater monitoring at the Terminal 1 property located in Vancouver, Washington (Terminal 1) (see Figure 1). The purpose of this investigation was to gather supplemental data to assist the Port with planning related to Terminal 1. MFA collected groundwater samples from six monitoring wells to evaluate potential seasonal variability in groundwater quality.

Previous investigations at Terminal 1 include Ecology & Environment investigation conducted in November 2008, and Huber and Associates follow-up soil and groundwater investigations in 2015 and 2016 (E&E, 2008; Huber and Associates, 2015; and 2016).

Lf-Oct2019POVGW.pdf

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GENERATING PREVIEW

Environmental Assessment—Port of Vancouver USA Terminal 1

Port of Vancouver USA (Port), Muel Fox & Morgan, Inc. (MFA) completed and groundwater for possible impacts related to historical and current activities. A property located at 200 Columbia Street in Vancouver, Washington (Terminal 1). Previous investigations of Block A conducted in 2009, groundwater impacts. A test pit investigation conducted by MFA identified soil impacts and perched groundwater with a sheet pile wall. The area now covered by a road in the northern portion of the site was a data gap. The purpose of this investigation was to fill the data gap and assess whether impacts to soil and groundwater of Block A.

Investigation Report.pdf



MAUL FOSTER ALONGI

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November 17, 2017
Project No. 9085.10.05

Matt Graves, LG
Port of Vancouver
3103 Northwest Lower River Road
Vancouver, Washington 98660

Re: Block D Baseline Environmental Assessment—Port of Vancouver USA Terminal 1

Dear Mr. Graves:

On behalf of the Port of Vancouver USA (Port), Maul Foster & Alongi, Inc. (MFA) completed an investigation to assess soil and groundwater for possible impacts related to historical activities at the Terminal 1 Block D property located at 110 Columbia Street in Vancouver, Washington (Block D; see Figure 1). Previous investigations conducted in the Block D vicinity in November 2008 included a single soil boring placed just south of the south boundary of Block D. This boring did not generate environmental data representative of most of Block D, and, therefore, environmental conditions in Block D were a data gap. The purpose of this investigation was to address this data gap by establishing baseline environmental conditions for the currently accessible portions of Block D prior to its redevelopment.

EXECUTIVE SUMMARY

Widespread contamination with the potential to impact future redevelopment was not encountered during the baseline assessment.

Results for Soil

The Washington State Department of Ecology’s (Ecology) Model Toxics Control Act (MTCA) Method A unrestricted land use cleanup levels (CULs) were exceeded in soil at two locations.

- Soil sample GP7-S-3.2 had an exceedance for naphthalene that is limited in extent since naphthalene was not detected in the sample collected at 6 feet below ground surface (bgs) at boring GP-7. The detection of naphthalene may be the result of the railroad tie fragments observed at this location from 2 to 3 feet bgs. Railroad ties and associated contaminated soil may require management and disposal if encountered in future excavations.
- Soil sample GP9-S-3.0 had a CUL exceedance for benzo(a)pyrene and the carcinogenic polycyclic aromatic hydrocarbon (cPAH) toxic equivalency quotient (TEQ). The exceedance of the CUL for benzo(a)pyrene and the cPAH TEQ is likely limited in extent because diesel- and lube oil-range total petroleum hydrocarbons (TPHs) were



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May 22, 2018
Project No. 9085.10.08

Matt Graves, LG
Port of Vancouver
3103 Northwest Lower River Road
Vancouver, Washington 98660

Re: Block B Soil Sampling—Port of Vancouver USA Terminal 1
Dear Mr. Graves:

On behalf of the Port of Vancouver USA (Port), Maul Foster & Alongi, Inc. (MFA) completed an investigation of soil conditions at Block B on the Terminal 1 property located at 200

Rf_POV Block B Test Pits_2018.pdf

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