



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
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May 4, 2021

John Hildenbrand
Robinson Noble, Inc.
2105 South C Street
Tacoma, WA 98402
JHildenbrand@robinson-noble.com

Re: Termination of Groundwater Monitoring and Wells Decommissioning Approval Letter

- **Site Name:** Mizukami Project
- **Site Address:** 4524 20th Street East, Fife, WA 98424
- **Facility Site No.:** 9436194
- **Cleanup Site No.:** 347

Dear John Hildenbrand:

I reviewed the 2020 Annual Groundwater Monitoring Report, and your request to terminate the groundwater monitoring at the Site. In addition to the above report, I reviewed all the previous groundwater monitoring and cleanup reports.

Based on my review of above reports, I understand that the majority of petroleum-contaminated soil was excavated and removed from the Site. Very limited low level (2,200 milligrams per kilogram) of TPH-D soil contamination was left on the Site [on the City of Fife Right-of-Way (ROW)].

Also, during the pre-and-post cleanup period, groundwater monitoring was conducted from November 2005, through November 2016. During this period, the groundwater monitoring included six rounds of quarterly, and three rounds of 18-months monitoring. Groundwater samples were collected from seven monitoring wells (MW-1 through MW-7) and analyzed for gasoline-diesel-and-oil range total petroleum hydrocarbons (TPH-G, TPH-D, and TPH-O), benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl tertiary-butyl ether (MTBE), ethyl dibromide (EDB), 1,2 dichloroethane (EDC), total naphthalene, and carcinogenic polycyclic aromatic hydrocarbons (cPAHs).

The groundwater sample results indicated that all the contaminant concentrations were below the laboratory detection limits except low level detections of TPH-G and xylenes in one of the monitoring wells (MW-7) during March 2011 (TPH-G: 550 µg/l; Xylenes: 9.1 µg/l) and

June 2011, (TPH-G: 170 µg/l; xylenes: 4.5 µg/l) monitoring events. These detected TPH-G and xylene concentrations were below their Model Toxics Control Act (MTCA) Method A cleanup level of 1,000 µg/l. However, the results of next four rounds of 18-months monitoring (September 2011 through November 2016) were all below the laboratory detection limits. In addition, monitoring well MW-7 was again sampled in November 2019, and the results were all below the laboratory detection limits.

Based on the above monitoring results, and limited low level TPH-D soil contamination left in-place (on City's ROW), the Department of Ecology is hereby approve the termination of groundwater monitoring at the Site and decommissioning of all six existing monitoring wells (MW-1, MW02, MW-4B, MW-5, MW-6, and MW-7). Based on the results of 15 years of groundwater monitoring, Ecology also believe that the low level TPH-D soil contamination left in place will not have any adverse impact on the groundwater.

If you have any questions, please call me at (360) 999-9603.

Sincerely,



Panjini Balaraju, P.E.
Toxics Cleanup Program
Southwest Regional Office

cc: Tom Langseth, Langseth Environmental Services, langsethenviro@gmail.com
Carl Carlson, Facilities Specialist, GENSCO, ccarlson@gensco.com
Ecology Files