



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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November 13, 2019

Ernie Bakker  
16721 SE 18<sup>th</sup> Street  
Bellevue, WA 98008

**Re: Response to Ecology's Request for Evaluation of Trichloroethylene Risks at the following Site:**

- **Site Name:** Bakkers Fine Dry Cleaning
- **Site Address:** 11825 NE 8<sup>th</sup> Street, Bellevue, WA 98005
- **Facility/Site No.:** 92645942
- **CSID No.:** 11074

Dear Ernie Bakker:

Ecology appreciates your responsiveness to our letter to you, dated September 9, 2019. In this letter, we requested an evaluation of potential risks of short-term trichloroethylene (TCE) toxicity at the Bakkers Fine Dry Cleaning cleanup site (Site). We received a report dated October 9, 2019 from your consultant (SoundEarth Strategies). This report summarizes the site characterization and vapor intrusion mitigation activities that have taken place at the Site over the past few years.

Our letter requested that you submit any existing data that might not be in the Ecology site files within 30 days. The submission of your report addressed that specific request. This report also appears to cover the information we requested within 60 days of our letter documenting a vapor intrusion assessment for the Site.

Ecology reviewed the data you submitted in the context of short-term TCE risk. Our understanding is that groundwater with concentrations of TCE above the screening levels specified in Implementation Memo 22 in recent sampling is limited to MW-08 and MW-10, on the north and west sides of the former Bakkers building. It appears that this building has been evaluated for vapor intrusion, including soil vapor sampling under the building in 2016. Concentrations of TCE in these samples were below the screening levels specified in Implementation Memo 22. In November 2016, a sub slab depressurization system was installed under the former Bakkers building. Samples collected after the installation of that system indicate that it is effective at decreasing vapor concentrations of PCE and TCE under the building.



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There are off-property buildings to the east of the former Bakkers building that are within the 100 foot lateral screening distance from groundwater with elevated concentrations of TCE. Contaminated groundwater is flowing away from these buildings from the source area and they are located approximately 90 feet from documented groundwater above the screening levels specified in Implementation Memo 22. We understand that the owners of these properties have not allowed sampling on their properties. We appreciate your efforts to include these properties in sampling, and understand that they are excluded from additional vapor intrusion evaluation unless sampling access is granted.

**Next Steps:**

No further assessment will be needed from you at this time in regards to short-term TCE toxicity. Please note that additional work may be needed to complete the overall vapor intrusion assessment for the Site.

If, in the future, new information indicates a change in the Site conditions (for example, a change in the usage of the Site or discovery of contamination in a new area), we may request a re-evaluation of short-term TCE toxicity.

Again, we appreciate your prompt and thorough response to our request. If you have any questions regarding this letter, please contact me at (425) 649-7040 or [kim.wooten@ecy.wa.gov](mailto:kim.wooten@ecy.wa.gov).

Sincerely,



Kim Wooten  
Toxicologist  
Toxics Cleanup Program, Northwest Regional Office

By certified mail: 9171 9690 0935 0136 9544 65

cc: Clare Tochilin, SoundEarth Strategies