



Oregon

Tina Kotek, Governor

Department of Environmental Quality

Northwest Region

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October 5, 2023

sent via email

Deborah Taege
The Boeing Company
EHS Remediation
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800 N 6th Street
Renton, WA 98055-1409

**RE: Workplan Additional SVE Well Installation Former Vapor Degreaser Source Area
Boeing Portland, Troutdale Gravel Aquifer, Gresham, Oregon. ECSI #13**

Dear Ms. Taege:

The Oregon Department of Environmental Quality (DEQ) has reviewed the document entitled *Work Plan Additional SVE Well Installation, Former Vapor Degreaser Source Area, Boeing Portland, Troutdale Gravel Aquifer, Gresham, Oregon*, dated October 2, 2023. This report was prepared on your behalf by Landau Associates' Portland office. DEQ approves the additional soil vapor extraction (SVE) well installation workplan as presented.

This work plan built on previous efforts to delineate the area of sub slab soils containing halogenated VOCs to the west and southwest of the former vapor degreaser location within Boeing Building 85-001. Previous work also optimized the existing SVE system to maximize vapor removal from sub-slab soils and noted the substantial rebound of soil vapors following temporary shutdown (pulsing) of the SVE system. This Workplan proposes the installation of additional SVE wells to enlarge the area of soil vapor removal, incorporation of these wells into the SVE vacuum pump and treatment system, and further optimization of the whole system beneath Boeing building 85-001.

DEQ appreciates the phone discussion with Erin Waibel to clarify several points that were flagged during our document review. Please feel free to call me with questions.

Sincerely,

Kenneth Thiessen, RG, CEG
Northwest Region Cleanup Section

cc: Jesikah Cavanaugh, EIT, Landau Associates
Erin Waibel, RG, Landau Associates
Dan Hafley, RG, DEQ Northwest Region
ECSI #13

