

COPY



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**DEPARTMENT OF ECOLOGY**

Southwest Region Office

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February 22, 2024

Amy Sikora  
Environmental Engineer Facilities  
Washington Department of Natural Resources  
1111 Washington St SE MS 47030  
Olympia, WA 98504-7030  
[amy.sikora@dnr.wa.gov](mailto:amy.sikora@dnr.wa.gov)

**Re: Sub-Slab Soil Investigation Work Plan Comments**

- **Site Name:** WA DNR Webster Nursery
- **Site Address:** 9805 Blomberg St. SW, Tumwater, Thurston County, WA 98512
- **Facility/Site No:** 8786341
- **Cleanup Site ID No.:** 3380

Dear Amy Sikora:

Thank you for submitting the Sub-Slab Soil Investigation Work Plan (plan) for review to the Department of Ecology (Ecology).<sup>1</sup> Please revise the plan to incorporate the following comments:

**Soil Sample Locations**

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1. Please add a location south of the red dot (analyze) location on Figure 2 (attached). This location should be close to the former drain line and as close as possible to the southern wall. Three samples shall be collected at this location for analysis at the depths described in Section 2.1.
2. Please change the sample location north of SS-01 from a blue dot (hold analyses) to a red dot (analyze).

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<sup>1</sup>Landau Associates, *Sub-Slab Soil Investigation Work Plan*, December 22, 2023.

3. Ecology does not believe that the two blue dot (hold) locations southeast and southwest of SS-01 on Figure 2 are necessary for this investigation.
4. With the above changes, the map should show three red dot (analyze) soil sample locations and a total of nine soil samples shall be collected for analysis.
5. To reduce the number of plan review iterations, please forward a draft copy of the revised Figure 2 for Ecology review and approval prior to submitting the revised plan.

### **Groundwater Sampling**

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1. As shown in the feasibility study report, previous sampling data from well SW-9R has shown no detections for heptachlor, heptachlor epoxide, or other pesticides by EPA Method 8081A.<sup>2</sup> The 2018 and 2019 data from SW-9R were also below laboratory reporting limits. Therefore, Ecology does not believe that it is necessary to collect further samples for analysis from this well. However, please measure the depth to water to determine the water table elevation during soil sampling.
2. If soil sample analyses results are above cleanup action plan (CAP) cleanup levels<sup>3</sup> for soil protection of groundwater and/or current Ecology screening levels for soil protection of groundwater<sup>4</sup> (for constituents that did not have a cleanup level in 2016), then additional soil sampling and groundwater sampling beneath the building may be necessary.

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<sup>2</sup> Landau Associates, *2016 Feasibility Study Report, Webster Nursery Site*, June 2016.

<sup>3</sup> Ecology, *2016 Draft Cleanup Action Plan, WA DNR Webster Nursery Site*, June 2016.

<sup>4</sup> Ecology, *Cleanup Levels and Risk Calculation (CLARC)*, available at: <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC/>

If you have any questions, please contact me at 360-890-0059 or [steve.teel@ecy.wa.gov](mailto:steve.teel@ecy.wa.gov).

Sincerely,



Steve Teel, LHG  
Cleanup Project Manager/Hydrogeologist  
Toxics Cleanup Program  
Southwest Region Office

ST/at

Enclosure (1): A - Site Plan (Figure 2 from work plan)

cc by email: Kate Gauglitz, Landau, [kgauglitz@landauinc.com](mailto:kgauglitz@landauinc.com)  
Sierra Mott, Landau, [smott@landauinc.com](mailto:smott@landauinc.com)  
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Victoria Banks, Office of the Attorney General, [victoria.banks@atg.wa.gov](mailto:victoria.banks@atg.wa.gov)  
Ecology Site File

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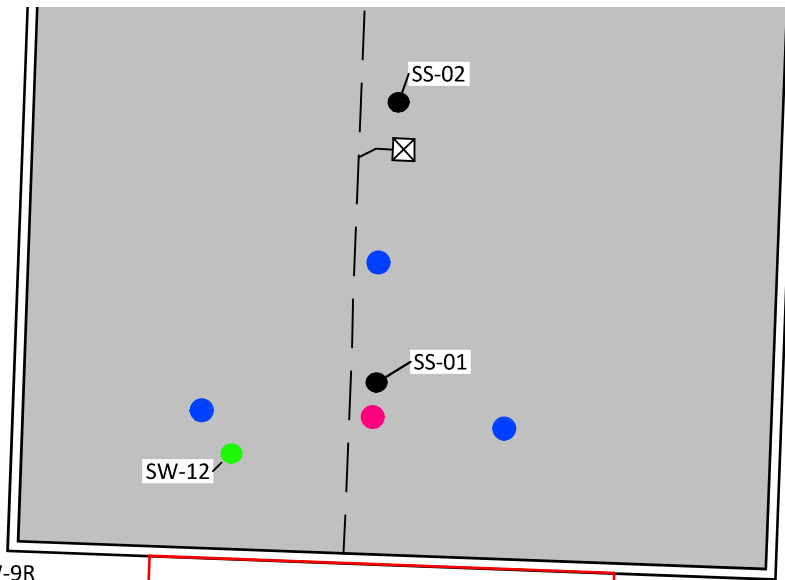
# Enclosure A

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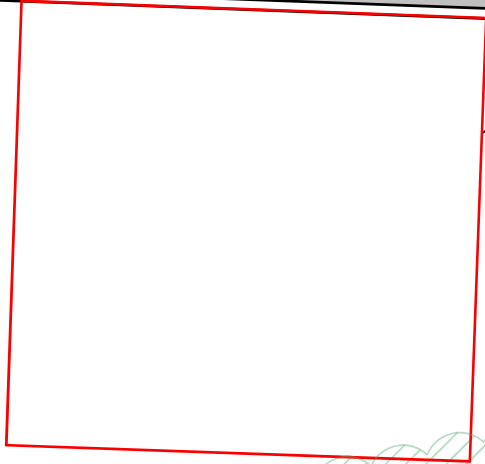
Documents

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Landau Associates | G:\Projects\774\006\048\SitePlan.dwg | 12/9/2023 11:26 AM | ezick



SW-9R



2018 Remedial  
Excavation Extent

SW-11R

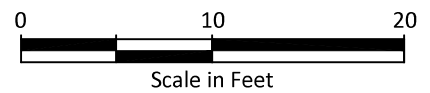
SW-10R

**Legend**

- Proposed Sub-Slab Soil Sample Location (Analyze)
- Proposed Sub-Slab Soil Sample Location (Hold)
- Monitoring Well Location
- 1998 Sub-slab Soil Sample
- Former Drain
- Former Piping
- Tree Canopy Area

**Note**

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.



Source: Tetra Tech, 1999



Webster Nursery Site  
Tumwater, Washington

Site Plan

Figure  
**2**