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DEPARTMENT OF ECOLOGY
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August 18, 2020

Scott Rose, L.H.G.
Senior Hydrogeologist
Associated Environmental Group, LLC
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502-5751
srose@aeqwa.com

Re: Conditional Approval to Reduce Groundwater and Seep Monitoring Frequency

- **Site Name:** Olympia Dry Cleaners
- **Site Address:** 606 E Union Ave SE, Olympia, Thurston County, WA 98501
- **Facility/Site ID:** 1446
- **Cleanup Site ID:** 4722
- **Consent Decree No.:** 14-2-02104-3 (Ecology Docket DE 10908)

Dear Scott Rose:

Thank you for submitting the June 2020, groundwater monitoring report (report) to the Department of Ecology (Ecology) for our review.¹ The report also included a request to change the number and frequency of samples. Below are Ecology's comments on the report and the change request:

1. AEG proposed that groundwater monitoring be reduced from semi-annual to every 18 months. **Ecology agrees that groundwater monitoring may be reduced to a 15 month frequency.** Ecology prefers a 15 month frequency because it provides more varied seasonal measurements within a 5 year period than an 18 month frequency.
2. AEG proposed that seep monitoring be reduced from quarterly to every 18 months. **Ecology agrees that seep monitoring may be reduced to a semi-annual frequency provided that a new city right-of-way permit for the seep treatment sock is obtained and a new set of two seep treatment socks are installed in-series.** Continued seep treatment and semi-annual monitoring is necessary due to the continued presence of contamination above Surface Water Cleanup Levels in the seep. The June 2020 seep sample result for vinyl chloride (4.8 micrograms per liter, µg/L) exceeded the Surface Water Cleanup Level of 2.4 µg/L. Installation of new treatment

¹ June 2020 Groundwater Sampling Results Report, Former Olympia Dry Cleaners. Prepared by Associated Environmental Group, LLC, dated July 2, 2020.

socks is needed because of the age, poor condition (including ripped cover and spilled granular activated carbon), and declined treatment capacity of the existing socks (see photos in attached Figures 1 and 2). Because the Defendants allowed the previous city permit to expire in March 2019, a new permit application will need to be submitted to the City of Olympia. **Samples shall be collected both from seep at the source (SEEP) and downgradient of the filter sock (SEEP-POST) during each seep sampling event.**

Quarterly seep sample events will continue to be required if the new permit and sock installation is not completed by September 30, 2020. Quarterly monitoring shall be completed until the installation of a new sock. Please provide Ecology with a copy of the new city permit when it is obtained along with documentation of new sock installation. The next scheduled quarterly seep sample event is to be completed by September 30, 2020.

If you have any questions please contact me at (360) 407-6247 or steve.teel@ecy.wa.gov.

Sincerely,



Steve Teel, LHG
Toxics Cleanup Program
Southwest Regional Office

SST: sl

Attachments: Figures 1 and 2, seep sock photos.

cc (by email): Steve Marshall, marshallsj@comcast.net
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Ecology Site File



Figure 1: Photo of seep socks taken August 11, 2020. Note seep water extending into street and poor condition of socks including ripped outer cover on seep sock and exposed granular activated carbon.



Figure 2: Close-up of ripped outer covering of sock and exposed granular activated carbon.