

Transmitted via Electronic Mail

April 14, 2021

Ms. Sunny Becker  
Washington State Department of Ecology  
Toxics Cleanup Program  
3190 160th Ave SE, Bellevue, WA 98008

RE: **Quarterly Progress Report: January 1 through March 31, 2021**  
Terminal 30 Cleanup Action Site, Cleanup Site ID # 4394  
Consent Decree, Dated July 19, 2017

Dear Ms. Becker:

The Port of Seattle submits the attached Quarterly Progress Report for the Terminal 30 Cleanup Action per Section XI of the Consent Decree filed on July 19, 2017 (Consent Decree). The quarterly progress report consists of a brief narrative summary of notable activities that occurred during the reporting period and that are anticipated for the upcoming reporting period.

If you have any questions about this report, please contact Roy Kuroiwa at 206-787-3814.

Sincerely,



Roy Kuroiwa  
Project Coordinator  
Port of Seattle

Distribution List:

Catherine Chu, Steve Queen, Jonathan Ohta – Port of Seattle  
Kelly Garber, Dana Brand – SSA Marine  
Jamie Stevens – CRETE Consulting  
Paul Kalina - AECOM

**Terminal 30 Cleanup Action Site  
Consent Decree Dated July 19, 2017  
Quarterly Progress Report: January 1 through March 31, 2021**

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This report has been prepared in accordance with the requirements of the Terminal 30 (T-30) Cleanup Action Site Consent Decree between the State of Washington Department of Ecology (Ecology) and the Port of Seattle (Port). This progress report provides details on the following: 1) all on site activities; 2) any deviations from required tasks; 3) plans for recovering lost time and maintaining compliance with the schedule; 4) quality assurance/quality control review data received; and, 5) work planned for the upcoming 3-month period.

### **Summary of the On Site Activities Performed During the Reporting Period**

- The Soil Vapor Extraction (SVE) system and the Air Sparge (AS) system operated throughout the reporting period. Routine system checks have been conducted during the reporting period. Vapor samples were collected on a monthly basis per the requirements of the Puget Sound Clean Air Agency Permit, which requires monthly testing. Samples were collected on January 12, February 17 and March 23, 2021. All results have been within in permit requirements with destruction efficiency measured between 99.0 and 99.4%, above the permit required threshold of 98.5%.
- Light non-aqueous phase liquid (LNAPL) recovery was completed on January 15 and March 21, 2021 and gauging was completed on February 12, 2021.

### **Deviations from Required Tasks**

- None.
- The main power source to Terminal 30 and the SVE/AS system was damaged and is currently under repair. In the interim the terminal and the SVE/AS system is powered by an on-site generator. The SVE/AS system is shut down on Friday's for a few hours in the middle of the day while general maintenance is conducted on the power generator.

### **Compliance with the Schedule**

All key upcoming milestones from the Consent Decree are shown in Table 1, below.

**Table 1: T 30 Upcoming Schedule Milestones**

Milestone	Consent Decree Schedule	Port's Current Schedule	Status
EDR Deadline	January 19, 2019	December 20, 2018	Completed
Start date for Construction of AS/SVE & LNAPL Recovery System Deadline	January 19, 2020	July 8, 2019	Completed
Construction Completion	Not Listed	November 9, 2019	Completed
Performance and Compliance Groundwater Monitoring - Baseline Event	November 19, 2019	October 16-21, 2019	Completed
Construction Completion Report and the Final Operation, Maintenance, and Monitoring Plan	Not Listed	February 27, 2020	Completed
Performance Groundwater Monitoring – First 6 months Event	Not Listed	April 11, 2020	Completed
Performance Groundwater Monitoring – Year 1 Event	Not Listed	September 2020	Completed

### **Quality Assurance/Quality Control Data Collected**

- The Annual Report for Year 1 was submitted to Ecology on March 10, 2021.
- Vapor samples were collected from the inlet and discharge flows of the SVE system to determine if destruction efficiencies are within acceptable permit thresholds. Samples were collected on January 12, February 17 and March 23, 2021. A detailed summary of performance and compliance monitoring, including laboratory analytical reports, will be submitted with the Annual Report – Year 2 (expected First Quarter 2022).

### **Work Planned during the Upcoming Reporting Period**

The following work is planned for the 2<sup>nd</sup> Quarter 2021:

- AS/SVE system performance monitoring will continue through the operation of the AS/SVE system.
- Free product recovery and well gauging will continue per the schedule in the Compliance Monitoring Plan (CMP).
- The semi-annual performance groundwater sampling event was completed on April 3, 2021.
- Monitoring well MW-38, which is damaged, is scheduled for decommissioning in the second quarter. The schedule is dependent on terminal operations and ship schedules.

- AECOM will take over operations, monitoring, and reporting responsibilities for the SVE/AS system at Terminal 30 in the second quarter. CRETE and AECOM will work together to ensure a smooth transition the project in May and June 2021.

**End Quarterly Progress Report**