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Date: April 14, 2023

Subject: Progress Report – First Quarter 2023
BNSF Former Maintenance and Fueling Facility
Skykomish, WA
Consent Decree No. 07-2-33672-9 SEA

Dear Mr. Bushnell,

On behalf of BNSF Railway Company (BNSF), Arcadis U.S., Inc. (Arcadis) is providing this quarterly progress report for the BNSF Former Maintenance and Fueling Facility in Skykomish, Washington in accordance with Section XI of Consent Decree No. 07-2-33672-9 SEA (Consent Decree) dated October 19, 2007 between the Washington State Department of Ecology (Ecology) and BNSF. This progress report documents activities completed between January 1 and March 31, 2023 (First Quarter 2023 [Reporting Period]).

On-Site Activities

- January
 - Continued Hydraulic control and containment (HCC) system operation, maintenance, and monitoring.
 - Biweekly National Pollutant Discharge Elimination System (NPDES) influent and effluent sampling was conducted by Glacier Environmental Services, Inc. (Glacier).
 - HCC system shutdown occurred on January 3, 2023 due to a power interruption. The HCC system was restarted on January 3, 2023.
- February
 - Continued HCC system operation, maintenance, and monitoring.
 - Biweekly NPDES influent and effluent sampling conducted by Glacier.
 - Marine Vacuum Service, Inc. removed iron-reducing bacterial sludge from holding tank on February 8, 2023.
 - HCC system shutdown occurred on February 9, 2023 due to a power interruption. The HCC system was restarted on February 10, 2023.
 - HCC system shut down was initiated on February 13, 2023 ahead of scheduled granulated activated carbon (GAC) changeout by Pacific Coast Carbon (PCC). After approximately 48 hours of the GAC soaking, the HCC system was restarted on February 15, 2023.
- March
 - Continued Hydraulic control and containment (HCC) system operation, maintenance, and monitoring.
 - Biweekly NPDES influent and effluent sampling was conducted by Glacier.
 - Site-wide gauging and groundwater sampling were conducted between March 27 and March 31, 2023 in accordance with the Long-Term Monitoring Plan (Farallon 2020), the 2011 Operation and

Mr. Tanner Bushnell
Washington Department of Ecology
April 14, 2023

Maintenance Manual (AECOM 2011), and the 2014 Operation and Maintenance Manual Addendum (Farallon 2014).

- HCC system shut down was initiated on March 30, 2023 ahead of scheduled GAC changeout by PCC. After approximately 48 hours of the GAC soaking, the HCC system was restarted on April 1, 2023.

Deviations from Required Tasks

- A transition meeting was held between BNSF, Arcadis, and Ecology at Ecology's Shoreline, Washington office on February 23, 2023.

Deviations from Cleanup Action Plan

- The HCC System was shut down for routine GAC changeout and soaking on February 13, 2023 and restarted approximately 48 hours later on February 15, 2023.
- The HCC System was shut down for routine GAC changeout and soaking on March 30, 2023 and restarted approximately 48 hours later on April 1, 2023.
- The HCC System shut down unexpectedly on January 3 and February 9, 2023 due to loss of power. The HCC System was restarted on January 3 and February 10, 2023, respectively.

Raw Data

- Water samples from the first quarter 2023 NPDES permit sampling events and first quarter 2023 groundwater monitoring event were analyzed by ALS Environmental of Everett, Washington (ALS).

Planned Deliverables for the Upcoming Reporting Period

- NPDES Discharge Monitoring Reports for the first quarter of 2023 will be submitted through Ecology's web portal by April 28, 2023.
- Updated HCC Operations, Maintenance and Monitoring Plan will be submitted to Ecology by April 15, 2023.

Please contact me with any questions or comments regarding this quarterly progress report.

Sincerely,
Arcadis U.S., Inc.



Kyle Haslam
Project Manager

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Mr. Tanner Bushnell
Washington Department of Ecology
April 14, 2023

CC. Scott MacDonald, BNSF
Shane DeGross, BNSF
Paul McCullough, Arcadis
Matt Annis, Arcadis

References:

- AECOM, Inc. .2011 Operation and Maintenance Manual for the Hydraulic Control and Containment System, Former Maintenance and Fueling Facility - Skykomish, WA. Prepared for BNSF Railway Company. April 8.
- Farallon Consulting, L.L.C. 2014. Addendum to the Operation and Maintenance Manual for the Hydraulic Control and Containment, BNSF Former Maintenance and Fueling Facility, Skykomish, Washington. Prepared for BNSF Railway Company. September 10.
- Farallon Consulting, LLC. 2020. Final Long-Term Monitoring Plan, BNSF Former Maintenance and Fueling Facility, Skykomish, Washington. Prepared for BNSF Railway Company. November 9.
- Washington State Department of Ecology (Ecology). 2007. Cleanup Action Plan for BNSF Former Maintenance and Fueling Facility, Skykomish, Washington. Prepared for BNSF Railway Company. October.