

Mr. Tanner Bushnell
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Date: July 14, 2023

Subject: Progress Report – Second 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 April 1 and June 30, 2023 (Second Quarter 2023 [Reporting Period]).

On-Site Activities

- April
 - 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 April 23, 2023 due to a failed PLC input module. The HCC system was restarted on April 24, 2023.
- May
 - Continued HCC system operation, maintenance, and monitoring.
 - Biweekly NPDES influent and effluent sampling conducted by Glacier.
 - HCC system shutdown occurred on May 11, 2023 for maintenance to replace the PLC faulty input module. The HCC system was restarted on May 11, 2023.
- June
 - Continued 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 June 13 and June 15, 2023 in accordance with the Long-Term Monitoring Plan (Farallon 2020), the 2011 Operation and Maintenance Manual (AECOM 2011), and the 2014 Operation and Maintenance Manual Addendum (Farallon 2014).
 - Automatic shut-down of the HCC system occurred on June 25, 2023 due to an area-wide power failure. The HCC system was restarted on June 25, 2023.
 - Automatic shut-down of the HCC system occurred on June 26, 2023 due to an area-wide power failure. The HCC system was restarted on June 26, 2023.

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- Began pulling air line for biosparge wells through existing conduit parallel to Railroad Avenue.

Deviations from Required Tasks

- No deviations from the required tasks occurred in the Second Quarter 2023.

Deviations from Cleanup Action Plan

- HCC system shutdown occurred on April 23, 2023 due to a failed PLC input module. The HCC system was restarted on April 24, 2023.
- A scheduled 30-minute shut-down of the HCC system occurred on May 11, 2023 for maintenance to replace the PLC faulty input module. The HCC system was restarted on May 11, 2023.
- HCC system shutdown occurred on June 25, 2023 due to an area-wide power failure. The HCC system was restarted on June 25, 2023.
- HCC system shutdown occurred on June 26, 2023 due to an area-wide power failure. The HCC system was restarted on June 26, 2023.

Raw Data

- Water samples from the second quarter 2023 NPDES permit sampling events and second quarter 2023 groundwater monitoring event were analyzed by ALS Environmental of Everett, Washington (ALS). NPDES sample data are submitted as part of the quarterly DMR process. Groundwater monitoring sample data will be provided in an annual summary report to be submitted in Q1 2024.

Planned Deliverables for the Upcoming Reporting Period

- NPDES Discharge Monitoring Reports for the second quarter of 2023 will be submitted through Ecology's web portal by July 28, 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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CC. Scott MacDonald, BNSF
Shane DeGross, BNSF
Paul McCullough, Arcadis

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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.