

ENSR
1011 SW Klickitat Way, Suite 207, Seattle, WA 98134-1162
T 206.624.9349 F 206.624.2839 www.ensr.aecom.com

August 20, 2008

Brian Sato, P.E.
Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

**Subject: Progress Report for Week Ending August 15, 2008
BNSF Skykomish Cleanup - Consent Decree No. 07-2-33672-9**

Dear Brian,

This progress report is submitted on behalf of BNSF Railway Company (BNSF) pursuant to Section XI of Consent Decree No. 07-2-33672-9 (Consent Decree) for the week ending August 15, 2008 and provides:

- A list of on-site activities that have taken place during the week
- Detailed description of any deviations from tasks required by the Consent Decree not otherwise documented in project plans or amendment requests
- Description of all deviations from the Cleanup Action Plan (CAP) and schedule contained therein, during the reporting period and any planned deviations in the upcoming month
- For any deviations in the schedule, a plan for recovering lost time and maintaining compliance with the schedule
- All raw data (including laboratory analyses) received by BNSF during the reporting period and an identification of the source of the sample, unless Ecology agrees that submitting raw data is not necessary at that time, and
- A list of deliverables for the upcoming reporting period if different from the schedule.

Additionally, this report also provides a list of remedial design and planning activities as you requested in our meeting on Friday, January 11, 2008.

On-Site Activities

- 2008 Remediation work included:
 - Driving sheetpile along Railroad Avenue using vibratory and impact hammers continued. Tie-backs continue to be installed.
 - Below vertical delineation limit (VDL) excavation, oil recovery operations, excavation backfilling with stabilization fill, and mechanically stabilized earthen wall construction continued.

- Soil confirmation sampling of excavated cells continued.
- The Cascadia drainfield was modified as designed in the approved Public Health-Seattle and King County permit.
- Construction water treatment system continued treating and discharging water from the excavation.
- MW-8 was abandoned as approved by Ecology.
- Test plot construction for the pilot testing for the School began on the Railyard.
- Investigational boring activities at the School continued.
- ENSR completed the following monitoring activities, as described in the 2008 CMP:
 - **Protection monitoring** required by MTCA regulations to confirm that human health and the environment are adequately protected during remediation activities.
 - **Performance monitoring** required by MTCA regulations to demonstrate that cleanup action has attained the designated Cleanup Levels (CULs), Remediation Levels (RLs), and other performance standards.
 - **Mitigation monitoring** to demonstrate that the mitigation requirements defined in the CAP and Environmental Impact Statement are being met.

Upcoming On-Site Work

- Below VDL excavation, sheetpile driving, installation tiebacks will continue.
- Former Maloney Creek East Wetland and South Developed Zone investigational drilling scheduled for the week of August 25th.
- Investigational drilling in the Former Maloney Creek West Wetland (and in the South Developed Zone/Formaloney Creek East Wetland if necessary) is scheduled for the week of September 8th.
- Additional borings in the vicinity of the Sky River Inn are scheduled to be completed the week of August 25th.
- Groundwater gauging in the Former Maloney Creek Zone scheduled for the week of August 25th.
- Investigational borings and restoration work at the School will be completed the week of August 18th.
- Treatment zone characterization drilling will begin in the pilot test area on the Railyard the week of August 18th.
- Repair of temporary fencing on the Levee will be completed the week of August 18th.

- Anticipated delivery of anodized railing for the levee in September. Anticipated delivery of plant cuttings for the levee in mid-October.

Raw Data

Unvalidated soil confirmation sampling data received during the reporting period have been posted to VPM.

Deviations

The restoration of the levee will not be complete by July 31 due to certain plant stock not being available and anodizing of the railing taking longer than expected. BNSF submitted a letter requesting an extension for levee restoration. Ecology requested some additional information regarding the plant stock. The supplier has confirmed delivery for mid-October.

Document Preparation

- Submitted final copies of the Hydraulic Containment and Control (HCC) System Special Design Report.
- Submitted final copies of the Comparative Physical Testing Work Plan and Soil and Groundwater Investigation Work Plan on August 5th.
- Received Ecology approval of 2008 Engineering Design Report minor modification 4 (addressing changes in shoring and location of utilities) on Monday, August 11th and HCC Special Design Report addendum 1 (addressing shift in vaults to the north and change in recovery well diameter) on Tuesday, August 12th.
- Received Ecology's comments on the Former Maloney Creek Zone- West Wetland Work Plan on Monday, August 11th. Submitted revised Work Plan to Ecology on Friday, August 15th.
- Submitted Addendum 2 to the Remedial Design Investigation Work Plan which includes additional borehole locations in the Former Maloney Creek Zone- East Wetland and South Developed Zone on Friday, August 15th.
- Revising the Former Maloney Creek East Wetland Special Design Report and Restoration Plan based on Ecology comments.

Documents Pending Agency Review

Document Title	Submittal Date	Awaiting Agency Action
Draft 2007 Levee Interim Action As-Built Report	Initial submittal August 31, 2007; supplemental information submitted January 25, 2008	Review and comment; approval
HCC Treatment building and system bid documents	May 5, 2008	Review and comment
West Wetland Delineation	July 21, 2008	Review and comment;

		approval
Revised Draft Former Maloney Creek West Wetland Work Plan	August 15, 2008	Review and approval

Additional Remedial Design and Planning Activities

Washington Department of Fish and Wildlife approved the boulder turbidity mitigation option from the November 2006 Turbidity Mitigation Plan (prepared by Grette Associates). Grette Associates preparing permit application for Hydraulic Project Approval to Washington Department of Fish and Wildlife.

Meeting between BNSF, Ecology, Skykomish School representatives, and Puget Sound Educational Service District scheduled for August 21st.

Sincerely yours,

Sarah Albano, P.E.
Project Engineer
salbano@ensr.aecom.com

- cc: Amy Essig Desai- Farallon Consulting
- Angie Thomson, Lauren Stensland, Hillary Johnson - Enviroissues
- Brad Petrovich, Louise Bardy, Ron Timm, Jeanne Tran – Ecology
- Bruce Sheppard – BNSF
- Chris Yates, Clint Stanovsky – Town of Skykomish
- Craig Trueblood – K&L Gates
- Daryl Petrarca – Adapt Engineering, Inc.
- David Carson – Bell & Ingram, P.S.
- Desiree Gould – Skykomish School Superintendent
- Gary West – Skykomish Resident
- John Robinson – US Forest Service
- Larry Johnson – Light Brigade
- Michael Moore – Skykomish Environmental Coalition
- Tom Bean – King County
- Dave Pischer- Landau
- Mike Byers, Steve Howard, John Guenther, Halah Voges, Mark Havighorst, Winston Chen, Joyce Sheldon, Ericka Camp, File 01140-204 and 01140-144 – ENSR