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July 23, 2008

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

**Subject: Progress Report for Week Ending July 18, 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 July 18, 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**

- Overburden sampling continued this week. An updated table indicating which grids have been sampled and which grids are suitable for re-use has been posted with the daily log on VPM.
- 2008 Remediation work included:
  - Planted ninebark container stock on the levee on Tuesday, July 15<sup>th</sup> and Friday, July 18<sup>th</sup>.

- Driving sheetpile along Railroad Avenue using vibratory and impact hammers continued. Pre-excavation for sheetpile installation has been completed and tie-backs are being installed.
- Verizon dropped their line at 5<sup>th</sup> and Railroad to allow sheet pile operations on Tuesday, July 15<sup>th</sup>.
- The construction water treatment system is now operational, but not currently treating or discharging water.
- Completion of boring operation for the remediation systems crossing. Installed approximately 88 feet of 36 inch diameter casing beneath the tracks.
- Cleared, grubbed, and excavated metals-impacted soil in the vicinity of the Town lift station.
- Received approval from King County Department of Health for repair design of the Cascadia Inn drainfield.
- Installed BNSF telecom conduit on the railyard.
- 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.
- Conducted site walks with both the contractor for the School Pilot Test Study (on Tuesday, July 15<sup>th</sup>) and the driller for drilling at the School (at the school on Friday, July 18<sup>th</sup>).

### Upcoming On-Site Work

- Overburden sampling, sheetpile driving, and installation of tiebacks will continue.
- Pre-excavation for the west and far west HCC vaults.
- Verizon will raise their fiber optic line at 5<sup>th</sup> and Railroad following sheetpile activities in that area.

- Anticipated delivery of anodized railing for the levee on August 8<sup>th</sup>.

**Raw Data**

Unvalidated overburden 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. BNSF submitted a letter requesting an extension for levee restoration and is responding to Ecology’s request for more information.

**Document Preparation**

- Producing final copies of the Hydraulic Containment and Control System Special Design Report.
- Submitted hard copies of the Compliance Monitoring Plan, Sampling and Analysis Plan, Groundwater Monitoring Plan, Archaeological Resources Monitoring and Discovery Plan, Operation and Maintenance Manual for Water Treatment Systems, Levee Planting Plan and Monitoring Program, and Vibration and Settlement Monitoring Plan on Thursday, July 17<sup>th</sup>.
- Revising the Former Maloney Creek East Wetland Special Design Report and Restoration Plan based on Ecology comments.
- Preparing the West FMC Wetland Investigation Work Plan, West FMC Wetland Delineation Report, and JARPA for submittal to Washington Department of Fish and Wildlife, U.S. Army Corps of Engineers, and Ecology.
- Received Ecology approval of revised Air and Noise Monitoring Plan in electronic, redline-strikeout format on Wednesday, July 16<sup>th</sup>.
- Submitted Final Comparative Physical Testing Work Plan to Ecology on Monday, July 14<sup>th</sup>.

**Documents Pending Agency Review**

<b>Document Title</b>	<b>Submittal Date</b>	<b>Awaiting Agency Action</b>
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
Final Draft Comparative Physical Testing Work Plan	July 14, 2008	Review and approval

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### **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). BNSF is selecting the location for the boulder placement and is preparing specifications on the construction and placement of the boulders as directed by Chance Asher of Ecology.

Sincerely yours,



Sarah Albano, P.E.  
Project Engineer  
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cc: Amy Essig Desai- Farallon Consulting  
Angie Thomson, Lauren Stensland, Hillary Johnson - Enviroissues  
Brad Petrovich, Louise Bardy, Ron Timm – 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