

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

November 5, 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 October 31, 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 October 31, 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
- A list of deliverables for the upcoming reporting period if different from the schedule.

On-Site Activities

- 2008 Remediation work included:
 - ◆ Continuation of permeation grouting of sheetpiles along Railroad Ave.
 - ◆ Switched water service to new water main. Began removal and de-commissioning of temporary water bypass line.
 - ◆ Continued restoration of Whistling Post property including grading, septic tank installation, electrical inspection, plumbing, cleaning, and return of owner belongings.
 - ◆ Continued restoration of McEvoy House property.
 - ◆ Continued construction of HCC building.
 - ◆ Continued load out and transporting of excavation spoils to disposal facility via rail.
 - ◆ Installation of HCC recovery and injection wells.
 - ◆ Continued final grading of Railroad Ave.

- ◆ Continued de-watering the west, center and east gate vaults and treating the pumped groundwater with the on-site waste water treatment system
- ◆ 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. The air monitoring program was scaled back with Ecology's approval based on completion of much of the handling of impacted soils and the results of monitoring to date. Noise monitoring is continuing until all soils are loaded out and permeation grouting has been completed. Weekly APH sampling is being performed near the School pilot test area. All other air monitoring activities have been discontinued pending start-up of the air sparging system.
 - 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.
- Resistive thermal system testing and optimization of hydraulic gradient control system and resistive thermal system completed at School Pilot Test Plot.
- Started resistive thermal heating pilot test and performed the initial air monitoring at the School Pilot Test Plot.
- Clear Creek Contractors took over 24-hour monitoring and maintenance of the School Pilot Test Plot.
- School resistive thermal pilot test monitoring website launched.
- Planning for mobilization of hot water steam flushing pilot test equipment to School Pilot Test Plot.
- Wilder (now Granite Construction Incorporated) continued levee railing installation. The railing order was missing a panel. A replacement panel has been ordered and we are waiting for an estimated delivery date from the supplier.
- Boulder placement for turbidity mitigation completed on Friday, October 31st.

Upcoming On-Site Work

- Metals excavation on Cascadia, Javier, and Elrod properties scheduled for the week of November 3rd.
- Continue permeation grouting.
- Continue restoration activities on Whistling Post and McEvoy structures and properties.
- Perform asphalt treated base paving on Railroad Avenue, weather permitting.
- Continue rail car load out.
- Continue to de-water the west, center and east gate vaults and treat pumped groundwater with the on-site waste water treatment system
- Start joint utility trench installation pending construction agreement approval, and, design finalization.
- Clear Creek Contractors to continue 24-hour monitoring of School Pilot Test Plot.

Brian Sato
Page 3

- Collect air samples from the resistive thermal heating soil vapor extraction system at the School Pilot Test Plot.

Raw Data

No data were received during the reporting period.

Deviations

There are no schedule deviations to report at this time.

Document Preparation

- Revising the Former Maloney Creek East Wetland Special Design Report and Restoration Plan based on preliminary Ecology comments.
- Received Ecology comments on Draft 2009 EDR on Tuesday, October 28th.

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 School Pilot Test Work Plan | September 17, 2008 | Review and comment; approval |

Additional Remedial Design and Planning Activities

Additional investigational drilling in Northwest Developed Zone and FMC East Wetland/South Developed Zone (along Old Cascade Hwy) is scheduled for the weeks of November 3rd and 10th.

A public meeting was held on Thursday, October 30th to discuss 2009 work.

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, Dawn Hooper – 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 Fischer – Landau
Halah Voges, Mike Byers, Steve Howard, John Guenther, Mark Havighorst, Winston Chen,
Joyce Sheldon, Ericka Camp, File 01140-204 and 01140-144 – ENSR