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2 May 2017

Ms. Sandra Treccani
Site Manager
Washington State Department Ecology
4601 North Monroe Street
Spokane, Washington 99205

Subject: Cap Integrity Monitoring
BNSF Railway Company, Parkwater Rail Yard
Spokane, Washington
K/J 1796110.00

Dear Ms. Treccani:

This letter provides the results of the March 2017 cap integrity monitoring at the BNSF Railway Company (BNSF) Parkwater Rail Yard (Site) located at 5302 East Trent Avenue in Spokane, Washington. The Site is in the cleanup process under the Model Toxics Control Act (MTCA) through the Washington State Department of Ecology (Ecology). The cleanup is being implemented by BNSF under Consent Decree No. 12202548-1, dated 19 July 2012.

An Engineering Design Report (EDR)¹ dated 6 March 2013 was prepared to detail the design of the selected cleanup action. EDR soil cleanup activities were implemented between 2013 and 2015. A Final Soil Cleanup Action Report dated 6 February 2017 was submitted to Ecology to document the construction activities, including soil excavation, soil disposal/management, waste characterization sampling, verification sampling, site restoration, and capping. According to the EDR, the gravel caps from the soil remediation activities (East and West Debris Areas and the Former Koch Asphalt Area) need to be monitored on an annual basis for the first 5 years and every 2 years thereafter.

Cap integrity monitoring included walking the perimeters and surfaces of the capped areas and inspecting for damage, degradation, or vandalism; puddles or other depressions; and animal burrows. Based on the field activities performed on 17 March 2017, the following conditions were noted:

- For the East and West Debris Area:
 - No indications of settlement or erosion of the cap were observed.
 - No indications of damage, degradation, or vandalism of the cap were observed.
 - No puddles or other depressions were observed.

¹ GeoEngineers. 2013. Engineering Design Report, BNSF Parkwater Rail Yard Site, Spokane, Washington.

Ms. Sandra Treccani
Washington State Department of Ecology
2 May 2017
Page 2

- Limited vegetation was noted on the cap.
- The perimeter fencing was observed to be in good condition.
- For the Former Koch Asphalt Area:
 - No indications of settlement or erosion of the cap were observed.
 - No indications of vandalism of the cap were observed.
 - No puddles or other depressions were observed on the cap.
 - No vegetation was noted on the cap.
 - BNSF is utilizing the area to store equipment/trailers. Shallow tire tracks were observed.

Site photograph logs from the field inspection for the East and West Debris Area and the Former Koch Asphalt Area have been included as Attachments A and B, respectively.

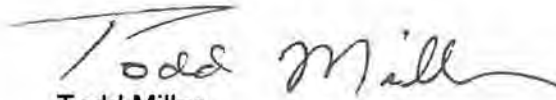
Please contact us at (253) 835-6400 if you have questions or concerns about the cap integrity monitoring.

Very truly yours,

KENNEDY/JENKS CONSULTANTS



Laura M. Himes, P.E.
Project Manager


Todd Miller
Principal Geologist

cc: Shane DeGross, BNSF Railway Company

Attachments:

- Attachment A – Site Photographs, East and West Debris Area
- Attachment B – Site Photographs, Former Koch Asphalt Lease Area

Attachment A

Site Photographs, East and West Debris Area

ATTACHMENT A

SITE PHOTOGRAPHS

East and West Debris Area
2017 Cap Integrity Monitoring
Parkwater Rail Yard Site



Photograph 1 – Looking to southwest.

3/17/2017



Photograph 2 – Looking to east.

3/17/2017

ATTACHMENT A

SITE PHOTOGRAPHS

East and West Debris Area
2017 Cap Integrity Monitoring
Parkwater Rail Yard Site



Photograph 3 – Looking to south.

3/17/2017



Photograph 4 – Looking to northeast. Standing near southwestern end of cap.

3/17/2017

Attachment B

Site Photographs, Former Koch Asphalt Lease Area

ATTACHMENT B

SITE PHOTOGRAPHS

Former Koch Asphalt Lease Area
2017 Cap Integrity Monitoring
Parkwater Rail Yard Site



Photograph 1 – Looking to east.

3/17/2017



Photograph 2 – Looking to east. Closer to western end.

3/17/2017

ATTACHMENT B

SITE PHOTOGRAPHS

Former Koch Asphalt Lease Area
2017 Cap Integrity Monitoring
Parkwater Rail Yard Site



Photograph 3 – Looking to west. Note puddling is off of the cap (between cap and access road).

3/17/2017



Photograph 4 – Looking to south.

3/17/2017