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June 26, 2017

Attn: Sandra Treccani
Hydrogeologist
Toxic Cleanup Program
WA. Dept. of Ecology
4601 N Monroe
Spokane, WA 99205

Subj: 2017 Annual MMR Report: Former Josephine Mill No. 1

Dear Ms. Treccani:

Stimson employee Ted Carlson (Area Woodlands Manager) completed an annual spring site inspection on June 15, 2017 pursuant to the Post Removal Site Control Plan (PRSCP) found in Appendix E to the Final Removal Action Report (RAR) dated February 10, 2012. The PRSCP outlines the long-term maintenance and monitoring obligations to ensure the continuous protection, integrity and stability of the mine waste repository constructed at the former Josephine Mill No. 1 in Pend Oreille County, Washington. This letter serves as the 2017 annual spring Monitoring Maintenance and Repairs (MMR) report.

No 100-year storm event, and no other significant event (earthquake, extreme weather event, forest fire, etc.) occurred at the site since the last inspection was completed on May 22, 2016, except that as you are likely aware, we had an extremely wet October 2016, as well as a very wet spring. These events did not appear to have any negative impacts on the site.

The following pages list (in bold) those items to be included in the inspections during each site visit (Section 3.1.1 of the PRSCP) with relevant comments and observations depicted in italics. All photos were taken during the June 15, 2017 inspection. There was no sign or potential sign of damage to the items below, therefore no repairs are recommended.

This has been the fifth annual spring report without any issues at the site, and the site appears to be stable and functioning as intended. The provisions contained in the approved PRSCP (Monitoring schedule 3.1.2) allows for revision of the monitoring schedule; "After the first five years of monitoring it is appropriate to assess the monitoring schedule based upon the results of the periodic inspections and effectiveness of the protective measures". We are therefore requesting we revise the monitoring schedule to once every five years, with our next monitoring visit to be scheduled for spring, 2022. Please let us know if this is acceptable.

Confirm presence and condition of warning signage

- All 3 warning signs remain upright and in place, were undamaged, and are readily visible.



Confirm presence and operation of site controls including access gates

- *The gate was closed and in good working order with an intact lock. Boulders and other structures designed to restrict vehicular entry remain in place and were undamaged. Fresh paint was added to the inscriptions. There was evidence of some breaching by ATV traffic which gained access by going above the line of boulders, but occurrence appears to be sporadic and travel is confined to the access road as no signs of entry onto the repository cap were seen.*



Observe the condition of the repository cover and identifying areas of movement, erosion or exposed liner

- *The repository cap appears stable and has a good vegetative cover dominated by grasses. The logs distributed on the cap to discourage entry are in good physical condition. No erosion or areas with exposed liner were visible, and there was no evidence of mass movement.*



Observe operation of the underdrain system and cleanout as necessary

- *The underdrain system appeared to be functioning as engineered, and all cleanouts were clear of debris.*



Observe the condition of stormwater management structures
- *No visual damage to the system was evident.*



Visual evidence or indications of mine waste release

- *No evidence or indications of mine waste or potential for release was observed.*

Please don't hesitate to call if you have any questions.

Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Ted I. Carlson", with a long horizontal flourish extending to the right.

Ted Carlson

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