

Good afternoon Ms. McGuire and Mr. Downie,

Following from yesterday's email (below), I expect it is unlikely that either of you got a chance to visit the site.

I am hoping you will find the photos and video provided of some value:

<https://drive.google.com/>

I am also copying Mr. Hoffman and Mr. Dunkley in the hopes that MEM also might be interested.

Notes:

- 1) SIRM appears to be having problems with contact water containment at the western edge of the landfill.
- 2) Machines are busy adding binder to the landfill soil; I assume because it has exceeded moisture content specs due to the rainfall and not being properly covered.
- 3) As on previous occasions of heavy rain, the volume of water in the "ephemeral" stream appears to greatly exceed the volume of water entering the settling ponds.
- 4) The water level in the ponds is high and flow is coming out the proper discharge pipe. This is due to the heavy rainfall. We have already seen how quickly the ponds empty when the water input is reduced.
- 5) Significant water is seeping out of the bank above the settling ponds. This is below the grade of the landfill.
- 6) Surface water is still escaping onto CVRD property. This may be non-contact water from the active mine area (disturbed) and is required to be managed. It might also be contact water.
- 7) There are photos of the recently excavated drainage channel to the south of the tipping bluff. This appears to be in a riparian area. It also appears to be directing water eastward away from the tipping bluff towards nearby Shawnigan Creek.
- 8) No photo but observed; there are very recent flags and ribbons in the riparian areas and at the bridge crossing Shawnigan Creek. It appears that some sort of riparian assessment is underway.

Regards,

Dave Hutchinson