

**Archived:** Friday, May 20, 2022 11:11:32 AM  
**From:** [Tara Oak](#)  
**Sent:** Friday, May 20, 2022 8:04:25 AM  
**To:** [Valentine \(IAAC/AEIC\)](#)  
**Subject:** Updated Information for Inclusion in the DEAR  
**Sensitivity:** Normal

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Emily and Brent,

Please see below the requested updated information for inclusion in the Draft Environmental Assessment Report for the Valentine Gold Project.

Kind regards,  
Tara

1. An updated dam breach assessment was conducted, including updating the modelled tailings/water volumes based on the main worst-case malfunction scenarios. Here is the updated table, for inclusion in the DEAR.

**Modelled Tailings and Water Volumes Released Based on Main Worst-Case Malfunction Scenarios (Probable Maximum Precipitation conditions)**

Location	Total Tailings Released (cubic metres)	Total Water Released (cubic metres)
Location A (East Dam)	292,000	1,458,000
Location B (South Dam)	6,200,000 <sup>Note 1</sup>	0 <sup>Note 2</sup>
Location C (West Dam)	1,050,000 <sup>Note 1</sup>	0 <sup>Note 2</sup>

Note 1: Tailings release volume includes tailings movement within and immediately downstream of the TMF; total tailings runout distance is 2 km or less downstream of the TMF.

Note 2: No free water release at this breach location, as tailings pond contained to northeast section of the TMF.

2. The Fish Habitat Offsetting Plan has progressed in consultation with DFO. Through this process, the potential offsetting project locations were refined from those mentioned in the EIS (two locations within the Exploits River Watershed, North Twin Brook and the outlet of Valentine Lake) to a preferred proposed offsetting project at Victoria River Steady No. 5, with North Twin Brook and the outlet of Valentine Lake as contingency options.

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