



1 October 2020

Tailings Storage Area Questionnaire

The Flora Lake Tailings Storage Area incorporates a lake and two dikes. It does not include a dam in the classical sense, as the dikes are both on the upstream side and no water is retained in the storage area.

Question	Response
1. "Tailings Dam" Name/identifier	Flora Lake Tailings Storage Area
2. Location	52° 54.9' N / 066° 50.7' W
3. Ownership	A combination of owned and leased property. Tacora is the sole operator.
4. Status	Active
5. Date of initial operation	1965
6. Is the Dam currently operated or closed as per currently approved design?	Currently operated
7. Raising method	Upstream
8. Current Maximum Height	35 meters above native soils
9. Current Tailings Storage Impoundment Volume	301,611,323 m ³
10. Planned Tailings Storage Impoundment Volume in 5 years' time.	323,619,279 m ³
11. Most recent Independent Expert Review	Golder report #19124559 (rev 1) September 3, 2020
12. Do you have full and complete relevant engineering records including design, construction, operation, maintenance and/or closure.	Yes
13. What is your hazard categorization of this facility, based on consequence of failure?	Significant
14. What guideline do you follow for the classification system?	Canada Dam Association

Question	Response
15. Has this facility, at any point in its history, failed to be confirmed or certified as stable, or experienced notable stability concerns, as identified by an independent engineer (even if later certified as stable by the same or a different firm).	Not to our knowledge. There are no records of notable stability concerns included with Tacora's purchase of the mine.
16. Do you have internal/in house engineering specialist oversight of this facility? Or do you have external engineering support for this purpose?	Both
17. Has a formal analysis of the downstream impact on communities, ecosystems and critical infrastructure in the event of catastrophic failure been undertaken and to reflect final conditions? If so, when did this assessment take place?	No
18. Is there a) a closure plan in place for this dam, and b) does it include long term monitoring?	a) Yes b) Yes
19. Have you, or do you plan to assess your tailings facilities against the impact of more regular extreme weather events as a result of climate change, e.g. over the next two years?	Yes
20. Any other relevant information and supporting documentation. Please state if you have omitted any other exposure to tailings facilities through any joint ventures you may have.	6. We are also in the process of updating the Operations, Maintenance and Surveillance Plan to document improved practices. 12. Tacora has several years of Dike Safety Inspection reports to understand dike stability from 2012 - 2020. 17. The only infrastructure downstream of the Storage Area is a railway and one highway. As the Storage Area dikes do not retain water, the structural risk is associated with an earthquake event. This region in Canada has the lowest earthquake potential rating per NR Canada (2015).