

MINREC, INC.
NORTH THOMPSON CREEK MINES
2021 IMPOUNDMENT YEARLY INSPECTION

In accordance with Rule 4.05.9(14), all impoundments shall be inspected at least yearly to determine if the impoundment has been maintained as designed, and in accordance with the approved plan and the applicable regulations. This yearly inspection is for the impoundments located at the North Thompson Creek Mines.

On April 1, 2021, I performed the required yearly inspections. I, J. E. Stover, have a wide variety of experience in the design and construction of earth fill embankments. Nothing was observed during the inspection that would indicate the ponds have a potential for failure. There was no appearance of erosion, instability, structural weakness or other hazardous conditions. There are no required monitoring procedures or instrumentation other than quarterly and yearly inspections. There are no aspects which might affect stability and there is no required maintenance. The long pond and treatment ponds T-1 and T-2 were full as expected with approximate water level elevations of 7522, 7515 and 7511 respectively. Partially ice covered T-2 was discharging to Pond 9 at approximately 5 to 10 gpm. Mostly ice covered Pond 9, was full and overflowing (less than 5 gpm) to a ditch that flows to the refuse pond. The water elevation in Pond 9 was approximately 7503. Water depth in treatment ponds T-1 and T-2 is approximately 4 to 5-feet. The north facing slope on refuse pond was mostly covered with snow and ice. There was little if any water or ice present in the bottom of the refuse pond at elevation 7418.

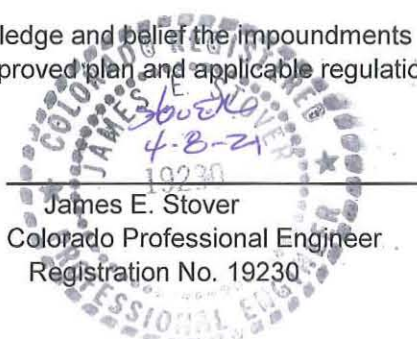
The impoundments have the following capacities:

IMPOUNDMENT CAPACITIES - ACRE FEET			
	Water	Sediment	Total
Long Pond	0.35	N/A	0.35
T-1	0.29	N/A	0.29
T-2	0.24	N/A	0.24
Pond 9	0.53	0.42	0.95
Refuse Pond	0.81	0.50	1.31

Notes:

1. Capacities are based latest digital topography.

To the best of my knowledge and belief the impoundments have been maintained as designed and in accordance with the approved plan and applicable regulations.


James E. Stover
Colorado Professional Engineer
Registration No. 19230

Date