Appendix M

Closure Integrated Schedule

Component	Description	Operation Stage (Progressive Reclamation)								Active Closure Stage			Post-Closure Stage								
		Y1 2020	Y2 2021	Y3 2022	Y4 2023	Y5 2024	Y6 2025	Y7 2026	Y8 2027	Y9 2028	Y10 2029	Y11 2030	Y12 2031	Y13 2032	Y14 2033	Y15 2034	Y16 2035	Y17 2036	Y18 2037	Y19 2038	Y20 2039	Y21 2040
Machinery, Mobile Equipment and Containers (Sea Cans)	Decommission machinery and equipment and ship off-site (leaving only on-site equipment required for closure and post-closure activities).																				
	Mobilization of demolition shear that will be required for buildings and facilities demolition during active closure phase.																				
	Remove equipment used for closure activities (e.g., trucks, backhoes, etc.).																				
	Remove equipment used for long-term maintenance (e.g., backhoes).																				
	Containers (sea cans) off-site demobilization.[a]				Progressive demobilization																
Underground Mine Workings	Passive flooding (groundwater seepage).								Passive flooding												
	Decommission of surface openings as needed.																				
	Underground backfill.																				
Open Pits	Active flooding from Meliadine Lake.								Active flooding												
	Place warning signs around Open Pits perimeter and replace as needed, construct rock berm(s).																				
	Pump and piping decommissioning after open pits flooding.																				
TSF	Rockfill placement alon slope (erosion and thermal protection).	Progressive reclamation																			
	Cover placement (top surface, overburden and rockfill).																				
WRSF	Regrading and contouring of the borrow area in WRSF1																				
Mine Infrastructure and Support Buildings	Decommission buildings, facilities, pads and re-grade areas as needed.																				
	Decommission on site roads																				
Meliadine Lake Pumping System	Decommission pumping system.																				
Water Management Facilities	Breach dikes / berms and reclaim channel and pond areas.																				
	Decommission of treated groundwater waterline and diffuser																				
	Decomission water management facilities on site [b]																				
	Decommission WTP and Meliadine Lake effluent diffuser.[b]																				
Off-site Facilities	Decommission floating dock, tank farm and laydown pad at Rankin Inlet (Itivia Harbour).																				
AWAR and Quarries	Decommission AWAR and Bypass road.																				
	Quarries reclamation.[c]	Progressive reclamation																			
Long-term Care and Maintenance (assumed for 13 years after operation)																					
Monitoring[d]										Active Closure			Post-Closure								

[a] Assuming that on-site containers will gradually be shipped off-site during operations.

[b] Assuming that the required water management facilities, WTP and Meliadine Lake effluent diffuser will be maintained for 3 years as a contigency after the closure stage and that site water quality is acceptable for direct discharge to the environment.

[c] Assuming progressive reclamation of quarries during operation when no longer required, except quarries that have been kept for road maintenance.

[d] Assumed for 13 years after operation; however, closure schedule depends on monitoring results. Activities will occur until water quality satisfies water licence criteria for direct discharge and/or acess to the site is no longer required.