



## **Appendix H.1**

Wetland Functional Assessment Summary Table  
Completed for the Updated 2021 Beaver Dam Mine EIS

Significant Function	WL 1	WL 2	WL 3	WL 4	WL 5	WL 6	WL 7	WL 8	WL 9	WL 10	WL 11	WL 12	WL 13	WL 14	WL 15	WL 16	WL 17	WL 18	WL 19	WL 20	WL 21	WL 22	WL 23	WL 24	WL 25	WL 26	WL 27	WL 28	WL 29	WL 30	WL 31	WL 32				
SF1	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L					
SF2	M-L	M-L	M	M	M	M	M	M	L	M	M	M	M	M	M	M	M	M	M	M	M	L	L	L	L	L	L	L	L	M-L	L	M-L	L			
SF3	H	H	H	H	H	M	M	H	M	H	H	H	H	H	M	H	H	H	M	M	M	H	H	M	L	H	H	L	H-M	H	H	H				
SF4	M	H	H	H	H	H	M	H	M	M	H	M	H	H	H	H	M	H	M	M	M	H	M	M	L	M	M	L	M	H	H	H				
SF5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N				
SF6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
SF7*	N	SpC, S2S3, S3, S3B, S3S4, S3S4N, S3S4B	N	SC, V, S3, S3S4	N	N	N	Thr, S3, S3N, S2B, S3S4B	N	S2S3, S3, S3N, S3S4B	N	S3	N	Thr, SpC, V, S2B	N	S3, S3B, S3S4N, S3S4B	SpC, V, S1B, S3, S3N, S3B, S3S4B	N	S3N, S3B, S3S4N	N	N	N	N	N	N	N	N	N	N	End, SpC, Thr, S2S3, S3	N	N	N			
SF8	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
SF9	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
SF10	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
SF11	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
SF12	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
SF13	NAT	NAT	NAT	NAT	NAT	NAT	NAT	MOD	MOD	NAT	NAT	NAT	MOD	NAT	MOD	NAT	NAT	NAT	NAT	NAT	NAT	NAT	NAT	NAT	NAT	NAT	NAT	NAT	NAT	NAT	NAT	NAT				
SF14**	N	Y	N	Y	Y	N	N	Y	N	N	N	N	N	N	Y	Y	N	N	N	N	Y	N	N	N	N	N	Y	N	N	N	N	N				
SF15	M	H	H	M	H	H	H	M	H	H	L	H	L	M	M	M	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H				
SF16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	N	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y				
SF17	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L				
SF18	H	H	H	H	H	H	H	H	H	H	H	H	H	H	M	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H				
SF19	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N			
SF20	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y				
SF21**	NA	NA	NA	H	NA	NA	NA	H	NA	H	M	NA	M	H	L	NA	H	NA	NA	M	NA	NA	NA	NA	NA	NA	NA	NA	H	NA	NA	NA				
SF22	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N			
SF23	H	H	L	H	M	M	M	H	L	M	H	H	H	M	L	M	H	L	M	H	M	M	L	H	H	L	M	M	H	H	M	L				
SF24	H	H	H	H	H	M	M	H	H	H	H	M	H	M	M	H	H	M	M	M	H	H	H	M	L	H	M	L	H	H	H	H				
SF25*	N	N	N	Pectenium plumbea (SARA and COSEWIC SC, NSESA V), Leptogium corticola (S3), Coccocarpia palmicola (S3S4),	N	N	N	N	N	Ahtiana aurescens (S2S3)	N	Carex wiegandii (S3)	N	Pectenium plumbea (SARA and COSEWIC SC, NSESA V), Ahtiana aurescens (S2S3)	N	N	Pectenium plumbea (SARA and COSEWIC SC, NSESA V), Sticta fuliginosa (S3)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Erioderma pedicellatum (SARA/COSEWIC/NSESA End)	N	N	N	
SF26	N	Y	N	Y	Y	N	N	Y	N	Y	Y	N	Y	Y	Y	N	Y	N	N	Y	N	N	N	N	N	N	N	N	Y	N	N	N				
SF27*	N	Boreal Chickadee (S3), Gray Jay (S3), American Robin (S5B, S3N), Greater Yellowlegs (S3B, S3S4M), Pine Siskin (S2S3), Purple Finch (S4S5B, S3S4N), Red-breasted Nuthatch (S3), Red Crossbill (S3S4), Ruby-crowned Kinglet (S3S4B), Swainson's Thrush (S3S4B), Wilson's Snipe (S3B), Yellow-bellied Flycatcher (S3S4B)	N	N	N	N	N	Olive-sided Flycatcher (SARA, COSEWIC, NSESA T, S2B), Gray Jay (S3), American Robin (S5B, S3N), Pine Siskin (S2S3), Swainson's Thrush (S3S4B), Yellow-bellied Flycatcher (S3S4B)	N	Gray Jay (S3), American Robin (S5B, S3N), Pine Siskin (S2S3), Swainson's Thrush (S3S4B), Yellow-bellied Flycatcher (S3S4B)	N	N	N	Olive-sided Flycatcher (SARA, COSEWIC, NSESA T, S2B)	N	Gray Jay (S3), Purple Finch (S4S5B, S3S4N), Ruby-crowned Kinglet (S3S4B), Wilson's Snipe (S3B), Yellow-bellied Flycatcher (S3S4B)	N	Peregrine Falcon (SARA, COSEWIC SC, NSESA V, SIB), American Robin (S5B, S3N), Greater Yellowlegs (S3B, S3S4M), Northern Harrier (S3S4B), Ruby-crowned Kinglet (S3S4B), Swainson's Thrush (S3S4B)	N	American Robin (S5B, S3N), Greater Yellowlegs (S3B, S3S4M), Purple Finch (S4S5B, S3S4N)	N	N	N	N	N	N	N	N	N	N	N	N	Canada Warbler (SARA/COSEWIC T, NSESA E, S3S4B)	N	N	N
SF28	M	M	M	M	M	M	M	H	M	H	M	M	M	M	M	M	H	M	M	M	M	M	M	M	M	M	M	M	H	M	M	M				
SF29	L	L	L	L	L	L	L	M	L	M	L	L	L	L	L	L	M	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L			

**Notes:**

\* SF7/SF25/SF27 are considered a red rated function if a species present is listed by SARA or NSESA as Endangered/Threatened/Special Concern; or Ranked by ACCDC as S1.

Birds included in these results are indicative of point count location within or adjacent to wetland, and does not confirm use of the wetland as crucial supporting habitat.

Cells highlighted in red indicate this function is considered to be critical to the watershed or represent a highly degraded watershed. These functions are typically unique or rare or associated with a high risk to the watershed if lost (NSE 2014c).

Unless otherwise stated: H=High; M=Moderate/Medium; L=Low; Y=Yes; N=No; NAT=Natural; MOD=Modified; Smod= Significantly Modified; Thr=Threatened; SpC=Special Concern; End=Endangered

\*\*SF14, SF21 where hydrologically connected features extend beyond PA boundaries, source of a stream/headwater was inferred from Wet Areas Mapping.

<sup>1</sup> Field delineation and functional assessment were conducted out of the growing season (Dec/Jan). No impacts are expected to these wetlands, and if necessary, will be re-evaluated at the permitting phase.







Significant Function	WL 145	WL 146	WL 147	WL 148	WL 149	WL 150	WL 151	WL 152	WL 153	WL 154	WL 155	WL 156	WL 157	WL 158	WL 159	WL 160	WL 161	WL 162	WL 163	WL 164	WL 165	WL 166	WL 167	WL 168	WL 169	WL 170	WL 171	WL 172	WL 173	WL 174	WL 175	WL 176	WL 177	WL 178			
SF1	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L		
SF2	H	H	H	H	H	H	H	H	H	H	H	H-M	H-M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
SF3	M	M	M	M	L	M	M	M	H	M	H	H-M	H	M	H	M	H	M	M	M	H	M	M	H	H	H	H	M	H	H	M	H	M	H	M	M	
SF4	M	M	M	M	M	M	M	M	M	M	H	H	H	M	H	H	H	H	H	H	H	M	M	M	M	M	M	H	H	H	M	M	M	M	M	M	
SF5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
SF6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	Y	N	N	N	N	
SF7*	N	N	S3	Thr, End, S3, S3N, S3S4B	N	N	S3	N	N	N	N	Thr, S3, S3N, S3S4B, S3S4N	Thr, S3, S3S4, S3S4B	N	N	N	N	N	N	S3S4B	S3, S3S4N	N	N	S3N, S3S4B, S3S4N	N	N	N	N	Thr, End, S3, S3S4B	N	N	N	S3, S3S4B	N	N		
SF8	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
SF9	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
SF10	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
SF11	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
SF12	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
SF13	MOD	MOD	NAT	MOD	MOD	MOD	NAT	NAT	NAT	MOD	NAT	NAT	NAT	MOD	NAT	NAT	NAT	NAT	NAT	NAT	MOD	NAT	NAT	NAT	NAT	NAT	NAT	MOD	NAT	NAT	NAT	NAT	NAT	NAT	NAT	NAT	
SF14**	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
SF15	H	H	H	H	H	H	H	H	H	H	H	H	H	H	L	L	H	H	H	H	H	M	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
SF16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SF17	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	
SF18	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
SF19	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
SF20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SF21**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	H	M	M	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	H	NA	M	NA	NA	NA	NA	NA	NA	
SF22	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
SF23	M	H	H	H	H	L	L	M	M	L	M	H	H	M	L	M	H	L	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
SF24	M	M	M	M	M	L	M	M	H	M	M	M	H	L	M	H	M	H	M	H	M	L	M	H	H	M	H	L	H	H	M	H	M	H	M	M	
SF25*	N	N	Listera australis (S3)	N	N	N	N	N	N	N	N	N	Vaccinium corymbosum (S3S4)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
SF26	N	Y	N	N	N	N	N	N	Y	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	N	Y	Y	N	N	N	
SF27*	N	N	N	Canada Warbler (SARA/COSEWIC T, NSESA E, S3S4B), Gray Jay (S3), American Robin (S5B, S3N), Ruby-crowned Kinglet (S3S4B)	N	N	Red-breasted Nuthatch (S3)	N	N	N	N	Olive-sided Flycatcher (SARA, COSEWIC, NSESA T, S3B), Gray Jay (S3), American Robin (S5B, S3N), Black-backed Woodpecker (S3S4B), Purple Finch (S4S5B, S3S4N), Red-breasted Nuthatch (S3), Ruby-crowned Kinglet (S3S4B), Swainson's Thrush (S3S4B)	Olive-sided Flycatcher (SARA, COSEWIC, NSESA T, S3B), Bay-breasted Warbler (S3S4B), Red-breasted Nuthatch (S3)	N	N	N	N	N	N	N	Northern Harrier (S3S4B), Ruby-crowned Kinglet (S3S4B)	Boreal Chickadee (S3), Purple Finch (S4S5B, S3S4N)	N	N	American Robin (S5B, S3N), Blackpoll Warbler(S3S4B), Purple Finch (S4S5B, S3S4N), Ruby-crowned Kinglet (S3S4B)	N	N	N	N	Canada Warbler (SARA/COSEWIC T, NSESA E, S3S4B), Gray Jay (S3), Black-backed Woodpecker (S3S4B), Ruby-crowned Kinglet (S3S4B), Swainson's Thrush (S3S4B)	N	N	N	Red-breasted Nuthatch (S3), Ruby-crowned Kinglet (S3S4B), Swainson's Thrush (S3S4B)	N	N	
SF28	M	H	M	M	L	M	M	M	H	M	M	M	H	L	H	H	M	M	M	M	M	L	M	M	M	M	M	H	L	M	M	M	M	M	M	M	
SF29	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	M	L	L	L	L	L	L	L	

