

**APPENDIX 6-A
GREENHOUSE GAS EMISSIONS SCOPING TABLE**

Appendix 6-A. Greenhouse Gas Emissions Scoping Table

Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Atmospheric GHG Effect from:								
				Construction	Operation	Closure	Post-Closure			Land Use Change*				Facility Level**				
										Construction	Operation	Closure	Post-Closure	Construction	Operation	Closure	Post-Closure	
Mine Site	Camp 3: Eskay Staging Camp	1	Camp 3 incinerator	X	R			Y	forest	+	-	-	-	+	+			
		2	Camp 3 helipad	X	R			Y	forest	+	-	-	-	+	+			
		3	Camp 3 equipment and material storage yard	X	R			Y	forest	+	-	-	-	+	+			
		4	Camp 3: Eskay Staging Camp	X	R			Y	forest	+	-	-	-	+	+			
		5	Camp 3 septic field	X	R			Y	forest	+	-	-	-	+	+			
	Camp 7: Unuk North Camp	6	Camp 7 equipment and material storage yard	X	R			Y	forest	+	-	-	-	+	+			
		7	Camp 7: Unuk North Camp	X	R			Y	forest	+	-	-	-	+	+			
		8	Camp 7 helipads	X	R			Y	forest	+	-	-	-	+	+			
		9	Camp 7 incinerator	X	R			Y	forest	+	-	-	-	+	+			
		10	Camp 7 septic field	X	R			Y	forest	+	-	-	-	+	+			
	Camp 8: Unuk South Camp	11	Camp 8 helipad	X	R			Y	forest	+	-	-	-	+	+			
		12	Camp 8 equipment and material storage yard	X	R			Y	forest	+	-	-	-	+	+			
		13	Camp 8 incinerator	X	R			Y	forest	+	-	-	-	+	+			
		14	Camp 8: Unuk South Camp	X	R			Y	forest	+	-	-	-	+	+			
		15	Camp 8 septic field	X	R			Y	forest	+	-	-	-	+	+			
	Coulter Creek Access Corridor (CCAC)	16	Coulter Creek access road	X	X	X	R	Y	forest	+	n	n	-	+	+	+	+	
		17	CCAC borrow areas	X	PR			partial	forest	+	-	-	-	+	+			
		18	CCAC waste areas	X	R			Y	forest	+	-	-	-	+	+			
		19	CCAC log landings	X	R			Y	forest	+	-	-	-	+	+			
		20	creek crossing C012	X	X	X	R	Y	forest/riparian	+	n	n	-	+	+	+	+	
		21	creek crossing C043	X	X	X	R	Y	forest/riparian	+	n	n	-	+	+	+	+	
		22	creek crossing C044	X	X	X	R	Y	forest/riparian	+	n	n	-	+	+	+	+	
		23	Coulter Creek bridge (C006)	X	X	X	R	Y	forest/riparian	+	n	n	-	+	+	+	+	
		24	creek crossing C024	X	X	X	R	Y	forest/riparian	+	n	n	-	+	+	+	+	
		25	creek crossing C021	X	X	X	R	Y	forest/riparian	+	n	n	-	+	+	+	+	
		26	Unuk River bridge (C010) (88 m) (three-span bridge)	X	X	X	R	Y	forest/riparian	+	n	n	-	+	+	+	+	
		27	creek crossing C042	X	X	X	R	Y	forest/riparian	+	n	n	-	+	+	+	+	
		28	avalanche control structures (km 26-29)	X	X	X	D	N	NA	+	n	n	n	+	+	+	+	
		29	Gingras Creek bridge (C011)	X	X	X	R	Y	forest	+	n	n	-	+	+	+	+	
	30	Mitchell Creek bridge (C007) (33.5 m)	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	Mitchell Operating Camp	31	Mitchell operating camp	X	X	PR	X	partial	forest	+	n	-	+	+	+	+	+	
		32	Mitchell operating camp helipad	X	X	X	X	N	NA	+	n	n	n	+	+	+	+	
		33	Mitchell operating camp incinerator	X	X	X	X	N	NA	+	n	n	n	+	+	+	+	
		34	Mitchell operating camp septic field	X	X	X	X	N	NA	+	n	n	n	+	+	+	+	
	McTagg Rock Storage Facility (RSF)	35	McTagg access road	X	D			-	NA	+	n			+	+			
		36	McTagg Creek bridge	X	D			-	NA	+	n			+	+			
		37	McTagg RSF snow storage		X	D		-	NA	+	n			+	+			
		38	McTagg RSF		X	PR		partial	forest	+	-	-	-	+	+			
		39	West McTagg operation channel - North		X			-	NA	+				+	+			
		40	West McTagg operation channel - South		X			-	NA	+				+	+			
		41	West McTagg closure channel			X	X	N	NA		+	n			+	+		
		42	West McTagg access road			X	X	N	NA		+	n	n		+	+	+	+
		43	East McTagg closure channel and access road			X	X	N	NA		+	n	n		+	+	+	+
		44	North McTagg Diversion Channel			X	X	X	N	NA		+	n	n		+	+	+
	McTagg Twinned Diversion Tunnels (MTDT)	45	McTagg Diversion access road	X	X	X	X	N	NA	+	n	n	n	+	+	+	+	
		46	McTagg phase 3 flood outlet			X	X	X	N	NA	+	n	n	n	+	+	+	+
		47	McTagg phase 2 flood outlet			X/R			Y	forest	+	-	-	-	+	+		
		48	McTagg phase 1 flood outlet	X	R				Y	forest	+	-	-	-	+	+		
		49	Temporary Water Treatment (TWT) 2	X/R					Y	forest	+/-	-	-	-	+			
		50	TWT 2 - sediment control pond	X/R					Y	forest	+/-	-	-	-	+			
		51	TWT 2 - unlined muck pad	X/R					Y	forest	+/-	-	-	-	+			
		52	TWT 2 - diversion ditch	X/R					Y	forest	+/-	-	-	-	+			
		53	McTagg Twinned Diversion Tunnels	X	X	X	X	N	NA	+	n	n	n	+	+	+	+	+
		54	Phase 3 West McTagg inlet			X	X	X	N	NA	+	n	n	n	+	+	+	+
		55	Phase 3 West McTagg dam			X	X	X	N	NA	+	n	n	n	+	+	+	+
		56	Phase 3 West McTagg dam spillway			X	X	X	N	NA	+	n	n	n	+	+	+	+
		57	Phase 3 East McTagg inlet			X	X	X	N	NA	+	n	n	n	+	+	+	+
		58	Phase 3 East McTagg dam			X	X	X	N	NA	+	n	n	n	+	+	+	+
		59	Phase 3 East McTagg dam spillway			X	X	X	N	NA	+	n	n	n	+	+	+	+
	60	Phase 2 McTagg inlet			X/D			-	NA	+				+	+			
	61	Phase 2 McTagg dam			X/D			-	NA	+				+	+			
	62	Phase 2 McTagg dam spillway			X/D			-	NA	+				+	+			
	63	Phase 1 McTagg dam	X	D				-	NA	+	n			+	+			
	64	Phase 1 McTagg inlet	X	D				-	NA	+	n			+	+			
	65	Phase 1 McTagg dam spillway	X	D				-	NA	+	n			+	+			
	McTagg Power Plant	66	McTagg penstock tunnel		X	X	X	N	NA	+	n	n	n	+	+	+	+	
		67	McTagg penstock		X	X	X	N	NA	+	n	n	n	+	+	+	+	
		68	McTagg power plant		X	X	X	N	NA	+	n	n	n	+	+	+	+	
	Mitchell Rock Storage Facility (RSF)	69	North Slope pipeline	X	D			-	NA	+	n			+	+			
		70	North Slope pipeline access road	X	D			-	NA	+	n			+	+			
		71	North Slope diversion ditch		X	D		-	NA	+	n	n		+	+	+	+	
		72	North Slope collection ditch		X	X	X	N	NA	+	n	n	n	+	+	+	+	
		73	North Slope diversion buried pipeline	X	X	D		-	NA	+	n	n		+	+	+	+	
		74	North Slope diversion ditch access road	X	X			-	NA	+	n			+	+			
		75	Mitchell North closure channel			X	X	N	NA	+	n	n	n	+	+	+	+	
		76	Upper Mitchell Creek bridge	X	D			-	NA	+	n			+	+	+	+	
		77	Mitchell RSF landbridge		X/D			-	NA	+				+	+			
		78	Temporary Water Treatment (TWT) 6	X/D				-	NA	+				+	+			
		79	TWT 6 - sediment control pond	X/D				-	NA	+				+	+			
		80	TWT 6 - lined muck pad	X/D				-	NA	+				+	+			
		81	TWT 6 - water treatment plant	X/D				-	NA	+				+	+			
		82	TWT 6 - lined pond	X/D				-	NA	+				+	+			
		83	TWT 6 - diversion ditch	X/D				-	NA	+				+	+			
		84	TWT 6 - unlined muck pad	X/D				-	NA	+				+	+			
	85	TWT 6 - buried pipeline	X/D				-	NA	+				+	+				
	86	Mitchell RSF pre-production ore stockpile	X				-	NA	+				+	+				
	87	Mitchell RSF ore stockpile		X/PR			partial	forest	+	+/-	-	-		+				
	88	Mitchell Batch Plant	X	D			-	NA	+	n			+	+				
	89	Mitchell Batch Plant gravel stockpile	X	D			-	NA	+	n			+	+				

X = the project component is active during that project phase.

- = the project component is encompassed by another feature and the reclamation objective is indicated in the row for the other project feature.

R/reclaim = shows the Project phase where reclamation of the component occurs.

PR/partial reclaim = shows the Project phase where partial reclamation of the component occurs; in some cases the feature is totally reclaimed but remains in place (e.g., dams).

D/decom = shows the phase of the project where the component is decommissioned, but not reclaimed.

GHG Effect Notes:

*Land use change activities are positive (GHG source), negative (GHG sink), or neutral (no change) as a result of Project activities. Neutral change arises when activities at the component only involve facility sources, not land use change.

**Facility level activities result in only positive (GHG sources) contributions to atmospheric GHG levels as a result of Project activities.

+ = Net source of greenhouse gas emissions

- = Net sink of GHGs (carbon) from reclamation/reforestation

n = neutral, not net land-based source or sink results from component activity

blank cell = no activity and no GHG change

GHG = greenhouse gas

Appendix 6-A. Greenhouse Gas Emissions Scoping Table

Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Atmospheric GHG Effect from:								
				Construction	Operation	Closure	Post-Closure			Land Use Change*				Facility Level**				
										Construction	Operation	Closure	Post-Closure	Construction	Operation	Closure	Post-Closure	
Mine Site	Mitchell Rock Storage Facility (RSF) (cont'd)	90	Mitchell RSF snow storage	X	D			-	NA	+	n			+	+			
		91	Mitchell RSF fuel storage	X	X	X	X	N	NA	+	n	n	n	+	+	+	+	
		92	Sulphurets waste conveyor 3		X	D		-	NA	+	n				+	+		
		93	Sulphurets waste conveyor 2		X	D		-	NA	+	n				+	+		
		94	Sulphurets waste conveyor 1		X	D		-	NA	+	n				+	+		
		95	Sulphurets waste stockpile		X	D		-	NA	+	n				+	+		
		96	Mitchell RSF	X	X	PR		partial	forest	+	n	-	-	+	+	+		
		97	South Mitchell closure channel and access road			X	X	N	NA			+	n			+	+	
		98	Mitchell Valley Drainage Tunnel		X	X/D		N	NA	+	n				+	+		
	Camp 4: Mitchell North Camp (for MTT construction)	99	Camp 4: Mitchell North Camp	X/D				-	NA	+					+			
		100	Camp 4 helipad	X/D				-	NA	+					+			
		101	Camp 4 incinerator	X/D				-	NA	+					+			
		102	Camp 4 equipment and material storage yard	X/D				-	NA	+					+			
		103	Camp 4 septic field	X/D				-	NA	+					+			
	Mitchell Ore Preparation Complex (Mitchell OPC)	104	Mitchell OPC	X	X	PR		Y	grass	+	n	-	-	+	+	+		
		105	MTT west portal	X	X			-	NA	+	n				+	+		
		106	MTT closure portal			X	X	N	NA			+	n			+	+	
		107	substation 2	X	X			-	NA	+	n				+	+		
108		Closure substation			X	X	N	NA			+	n			+	+		
109		25 kV transmission lines	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
110		Mitchell OPC ore stockpile	X	X	R		Y	grass	+	n	-	-	+	+	+			
111		TWT 4 - sediment control pond	X/D				-	NA	+					+				
112		Mitchell OPC Primary Crusher	X	X	D		-	NA	+	n	n			+	+	+		
113		Mitchell OPC snow storage		X	R		Y	grass	+	-	-	-	+	+	+			
Mine Site Avalanche Control	114	fixed avalanche initiation exploders	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	115	fixed avalanche support structure	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	116	fixed avalanche support structure access road	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
Iron Cap Block Cave Mine	117	Iron Cap Underground Works		X	D		N	NA	+	n				+	+			
	118	Iron Cap underground access ramp		X	D		N	NA	+	n				+	+			
	119	Iron Cap conveyor 3		X	D		N	NA	+	n				+	+			
	120	Iron Cap conveyor 2		X	D		N	NA	+	n				+	+			
	121	Iron Cap conveyor 1		X	D		N	NA	+	n				+	+			
	122	Iron Cap surface disturbance	X	X	X	X	N	NA	+	n	n			+	+	+		
	123	Iron Cap return air portal		X	X	X	N	NA	+	n	n			+	+			
	124	Iron Cap ventilation tunnels		X	D		N	NA	+	n				+	+			
	125	Iron Cap fresh air portals (x2)		X	D		N	NA	+	n				+	+			
	Mitchell Pit	126	Mitchell Pit north wall dewatering adits		X	D		N	NA	+	n				+	+		
127		Mitchell Pit haul road		X	R		N	grass	+	-	-	-	+	+	+			
128		Mitchell Pit closure dam			X	X	N	NA			+	n			+	+		
129		Mitchell Pit closure dam spillway			X	X	N	NA			+	n			+	+		
130		Mitchell Pit Lake discharge pipe			X	X	N	NA			+	n			+	+		
131		Mitchell Pit pre-production ore stockpile	X				-	NA	+					+				
132		Mitchell Pit	X	X	D		N	pit lake	+	n	n			+	+	+		
133		Mitchell Pit Lake			X	X	N	NA			+	n			+	+		
134		Mitchell Pit North diversion ditch		X	X/D		N	NA	+	n				+	+			
135		Mitchell Pit East diversion ditch		X	X/D		N	NA	+	n				+	+			
Mitchell Block Cave Mine	136	Mitchell Pit South diversion ditch		X	X/D		N	NA	+	n				+	+			
	137	Mitchell Underground Works		X	D		N	NA	+	n				+	+			
	138	Mitchell surface disturbance		X	X	X	N	NA	+	n	n			+	+	+		
	139	Mitchell underground access portal		X	D		N	NA	+	n				+	+			
	140	Mitchell underground access ramp		X	D		N	NA	+	n				+	+			
	141	Mitchell underground conveyor tunnel portal		X	D		N	NA	+	n				+	+			
	142	Mitchell underground conveyor		X	D		N	NA	+	n				+	+			
	143	Mitchell underground fresh air raises (x2)		X	D		N	NA	+	n				+	+			
	144	Mitchell underground return air raises (x2)		X	D		N	NA	+	n				+	+			
	145	Mitchell underground drainage tunnels		X	D		N	NA	+	n				+	+			
Mitchell Diversion Tunnels (MDT)	146	Mitchell diversion contact water ditch	X				-	NA	+					+				
	147	North Mitchell Glacier collection ditch	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	148	North Mitchell Glacier collection ditch access road	X				-	NA	+					+				
	149	North Mitchell Glacier access road	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	150	Mitchell diversion phase 1 surface inlet	X	X			-	NA	+	n				+	+			
	151	Mitchell Diversion Tunnel access	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	152	Mitchell diversion phase 2 surface inlet		X	D		N	NA	+	n				+	+			
	153	South Mitchell Glacier slope contact water collection ditch			X	X	N	NA			+	n			+	+		
	154	Mitchell flood overflow drainage tunnel	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	155	Mitchell Diversion access road	X				-	NA	+					+				
	156	open pit phase sub-glacial inlet	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	157	underground phase sub-glacial inlet		X	X	X	N	NA	+	n	n	n	+	+	+	+		
	158	Temporary Water Treatment 5	X/D				-	NA	+					+				
	159	TWT 5 - lined muck pad	X/D				-	NA	+					+				
	160	TWT 5 - unlined muck pad	X/D				-	NA	+					+				
	161	TWT 5 - sediment control pond	X/D				-	NA	+					+				
	162	TWT 5 - diversion ditch	X/D				-	NA	+					+				
	163	Open Pit Phase Mitchell Diversion Tunnel	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	164	Underground Phase Mitchell Diversion Tunnel		X	X	X	N	NA	+	n	n	n	+	+	+	+		
	165	Temporary Water Treatment 3	X/R				Y	forest	+/-	-	-	-	+					
166	TWT 3 - unlined muck pad	X/R				Y	forest	+/-	-	-	-	+						
167	TWT 3 - lined muck pad	X/R				Y	forest	+/-	-	-	-	+						
168	TWT 3 - water treatment facility	X/R				Y	forest	+/-	-	-	-	+						
169	TWT 3 - sediment control pond	X/R				Y	forest	+/-	-	-	-	+						
170	TWT 3 - diversion ditch	X/R				Y	forest	+/-	-	-	-	+						
171	MDT temporary diversion construction road	X	R			Y	forest	+	-	-	-	+	+					
172	rock cut stepped spillway	X	X	X	X	N	NA	+	n	n	n	+	+	+	+			
173	underground phase outlet portal		X	X	X	N	NA	+	n	n	n	+	+	+	+			
174	Mitchell Diversion outlet access road	X	X	X	X	N	NA	+	n	n	n	+	+	+	+			
Upper Sulphurets Power Plant	175	surface penstock on pillars	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	176	penstock buried in road bed	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	177	Upper Sulphurets Power Plant access road	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	178	Upper Sulphurets Power Plant	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		

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										Construction	Operation	Closure	Post-Closure	Construction	Operation	Closure	Post-Closure	
Mine Site	Mitchell Truck Shop	179	Mitchell Truck Shop	X	X	R		Y	forest	+	n	-	-	+	+	+		
	Water Storage Facility (WSF)	180	WSF bypass buried pipeline	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		181	WSF snow storage		X	D			N	NA	+	n			+	+		
		182	WSF borrow pits	X					-	NA	+				+			
		183	water storage pond	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		184	buried HDPE lined penstock	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		185	lined pumping header pond	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		186	downstream rockfill quarry area	X	X	R			Y	forest	+	n	-	-	+	+	+	
		187	Selenium Treatment Plant		X	X	X		N	NA	+	n	n	n	+	+	+	+
		188	WSF diversion tunnel	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		189	Temporary Water Treatment 7	X/R					N	NA	+				+			
		190	WSF construction access road	X/D					-	NA	+				+			
		191	WSF construction cofferdams	X/D					-	NA	+				+			
		192	Water Storage dam (WSD)	X	PR	X	X		Y	forest	+	-	+	n	+	+	+	+
		193	WSD west lower seepage interception tunnel	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		194	WSD west upper seepage interception tunnel	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		195	WSD east lower seepage interception tunnel	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		196	WSD east upper seepage interception tunnel	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		197	WSD southeast seepage interception tunnel	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		198	WSD southwest seepage interception tunnel	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		199	WSF pipeline	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		200	WSF spillway	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		201	WSF seepage dam	X	X	X	X		N	NA	+	n	n	n	+	+	+	+
		202	WSF seepage collection pond	X	X	X	X		N	pond/wetland	+	n	n	n	+	+	+	+
	203	WSF seepage dam spillway	X	X	X	X		N	NA	+	n	n	n	+	+	+	+	
	204	southeast WSF diversion	X	X	X	X		N	NA	+	n	n	n	+	+	+	+	
205	temporary construction bridge	X/D					-	NA	+				+					
206	Lower Mitchell closure channel access road			X	X		N	NA			+	n			+	+		
207	Lower Mitchell closure channel			X	X		N	NA			+	n			+	+		
Camp 9: Mitchell Initial Camp	208	Camp 9: Mitchell Initial Camp	X/R					Y	forest	+/-	-	-	-	+				
	209	Camp 9 septic field	X/R					Y	forest	+/-	-	-	-	+				
Camp 10: Mitchell Secondary Camp	210	Camp 10: Mitchell Secondary Camp	X	R				Y	forest	+	-	-	-	+	+			
	211	Camps 9 and 10 helipad	X	R				Y	forest	+	-	-	-	+	+			
	212	Camp 9 and 10 incinerator	X	R				Y	forest	+	-	-	-	+	+			
Water Treatment and Energy Recovery Area	213	Camp 10 septic field	X	R				Y	forest	+	-	-	-	+	+			
	214	penstock to WTP	X	X	X	X		N	NA	+	n	n	n	+	+	+	+	
	215	Energy Recovery Facility	X	X	X	X		N	NA	+	n	n	n	+	+	+	+	
	216	Water Treatment Plant (WTP)	X	X	X	X		N	NA	+	n	n	n	+	+	+	+	
Sludge Management Facilities	217	Temporary Water Treatment 1	X/R					Y	forest	+/-	-	-	-	+				
	218	sludge warehouse	X	X	X	X		N	NA	+	n	n	n	+	+	+	+	
	219	sludge landfill	X/R					Y	forest	+/-	-	-	-	+				
Sulphurets Laydown Area	220	sludge storage			X	X		N	NA			+	n			+	+	
	221	Sulphurets access road	X	X	PR	X		partial	forest	+	n	-	+	+	+	+	+	
	222	Satellite Maintenance Facility		X	R			Y	forest		+	-	-		+	+		
	223	Sulphurets snow storage	X	X	R			Y	forest	+	n	-	-	+	+	+		
	224	Sulphurets diversion ditch	X	X	R			Y	forest	+	n	-	-	+	+	+		
	225	Sulphurets collection ditch	X	X				-	NA	+	n			+	+			
	226	landfarm/landfill	X	R				Y	forest	+	-	-	-	+	+			
Sulphurets-Mitchell Conveyor Tunnel	227	Sulphurets laydown area	X	X/R				Y	forest	+	+/-	-	-	+	+			
	228	Sulphurets-Mitchell Conveyor Tunnel		X	D			N	NA	+	n			+	+			
	229	Sulphurets-Mitchell Conveyor Tunnel portals		X	R			Y	forest	+	-	-	-	+	+			
	230	conveyor stockpile		X	R			Y	forest	+	-	-	-	+	+			
	231	conveyor 1 to Sulphurets portal		X	R			Y	forest	+	-	-	-	+	+			
	232	conveyor 2 to Sulphurets portal		X	R			Y	forest	+	-	-	-	+	+			
Sulphurets Pit	233	Sulphurets Pit crusher		X	R			Y	forest	+	-	-	-	+	+			
	234	Sulphurets Pit	X	X	D			N	NA	+	n	n		+	+	+	+	
	235	Sulphurets Pit Backfill			X	PR		partial	forest			+	-			+	+	
	236	Sulphurets Pit drainage collection ditch	X/D					-	NA	+				+				
	237	Sulphurets Pit drainage pipeline to Selenium Treatment		X	X	X		N	NA	+	n	n	n	+	+	+	+	
	238	Sulphurets Pit drainage pipeline to WSF	X	X	X	X		N	NA	+	n	n	n	+	+	+	+	
	239	Sulphurets Pit diversion and collection system		X	X	X		N	NA	+	n	n	n	+	+	+	+	
Kerr rope conveyor	240	Kerr rope conveyor		X	R			Y	forest	+	-	-	-	+	+			
	241	conveyor stockpile		X	R			Y	forest	+	-	-	-	+	+			
Kerr Pit	242	Kerr Pit access road		X	PR	X		partial	forest	+	-	+		+	+	+		
	243	Kerr Pit snow storage		X	R			Y	forest	+	-	-	-	+	+			
	244	Kerr Pit crusher		X	R			Y	forest	+	-	-	-	+	+			
	245	Kerr Pit		X	D			N	pit lake	+	n			+	+			
	246	South Kerr Pit Lake			X	X		N	NA			+	n			+	+	
Camp 2: Ted Morris Camp	247	Kerr Pit dewatering pipeline		X	X	X		N	NA	+	n	n		+	+	+		
	248	Camp 2: Ted Morris Camp	X/R					Y	forest	+/-	-	-	-	+				
	249	Camp 2 equipment and material storage yard	X/R					Y	forest	+/-	-	-	-	+				
	250	Camp 2 helipad	X/R					Y	forest	+/-	-	-	-	+				
	251	Camp 2 incinerator	X/R					Y	forest	+/-	-	-	-	+				
	252	Camp 2 septic field	X/R					Y	forest	+/-	-	-	-	+				
Explosives Manufacturing Facility	253	Sulphurets Valley access road	X	X	PR	X		partial	forest	+	n	-	+	+	+	+	+	
	254	Sulphurets bridge	X	X	X	X		N	NA	+	n	n	n	+	+	+	+	
	255	initial construction borrow and spoil area	X	X	R			Y	forest	+	n	-	-	+	+	+		
	256	secondary construction borrow and spoil area			X/R			Y	forest			+/-	-		+			
	257	closure cover borrow and till storage areas	X	X	X/R			Y	forest	+	n	-	-	+	+	+		
	258	secondary closure cover borrow and till storage area		X	X/R			Y	forest	+	n	-	-	+	+	+		
	259	explosives access road	X	X	R			Y	forest	+	n	-	-	+	+	+		
	260	explosives magazine	X	X	R			Y	forest	+	n	-	-	+	+	+		
	261	AN Prill Storage access road	X	X	R			Y	forest	+	n	-	-	+	+	+		
	262	AN prill storage area	X	X	R			Y	forest	+	n	-	-	+	+	+		
	263	Explosives Manufacturing Facility	X	X	R			Y	forest	+	n	-	-	+	+	+		
Temporary Frank Mackie Glacier Access Route	264	Temporary Frank Mackie Glacier access route	X/D					N	NA	+				+				

X = the project component is active during that project phase.
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R/reclaim = shows the Project phase where reclamation of the component occurs.
PR/partial reclaim = shows the Project phase where partial reclamation of the component occurs; in some cases the feature is totally reclaimed but remains in place (e.g., dams).
D/decom = shows the phase of the project where the component is decommissioned, but not reclaimed.
GHG Effect Notes:
***Land use change activities are positive (GHG source), negative (GHG sink), or neutral (no change) as a result of Project activities. Neutral change arises when activities at the component only involve facility sources, not land use change.**
****Facility level activities result in only positive (GHG sources) contributions to atmospheric GHG levels as a result of Project activities.**
+ = Net source of greenhouse gas emissions
- = Net sink of GHGs (carbon) from reclamation/reforestation
n = neutral, not net land-based source or sink results from component activity
blank cell = no activity and no GHG change
GHG = greenhouse gas

Appendix 6-A. Greenhouse Gas Emissions Scoping Table

Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Atmospheric GHG Effect from:								
				Construction	Operation	Closure	Post-Closure			Land Use Change*				Facility Level**				
										Construction	Operation	Closure	Post-Closure	Construction	Operation	Closure	Post-Closure	
Mine Site	Camp 1: Granduc Staging Camp	265	Camp 1: Granduc Staging Camp	X				N	NA	+					+			
		266	Camp 1 helipad	X				N	NA	+					+			
		267	Camp 1 equipment and material storage yard	X				N	NA	+					+			
		268	Camp 1 septic field	X				N	NA	+					+			
Processing and Tailing Management Area (PTMA)	Mitchell-Treaty Twinned Tunnels (MTT) construction access adit	269	Mitchell-Treaty Conveyor Tunnel	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+
		270	Mitchell-Treaty Transportation Tunnel	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+
		271	construction access portal	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+
		272	Adit Temporary Water Treatment 9	X	D			N	NA	+	n				+	+		
		273	Adit TWT - unlined muck pad	X	D			N	NA	+	n				+	+		
		274	Adit TWT - sediment control pond	X	D			N	NA	+	n				+	+		
		275	Adit TWT - lined muck pad	X	D			N	NA	+	n				+	+		
		276	Adit TWT - collection sump	X	D			N	NA	+	n				+	+		
		277	Adit TWT - diversion ditch	X	D			N	NA	+	n				+	+		
		278	Treaty Adit road	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+
		279	cable buried under road	X	D			N	NA	+	n				+	+		
		280	tunnel muck drainage pipeline buried under road	X	D			N	NA	+	n				+	+		
	Mitchell-Treaty Saddle Area	281	Saddle portal	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+
		282	Saddle wash plant	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		283	Saddle helipad	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		284	Saddle Temporary Water Treatment 4	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		285	Saddle TWT - lined muck pad	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		286	Saddle TWT - unlined muck pad	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		287	Saddle TWT - temporary treatment plant	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		288	Saddle TWT - sediment control ponds	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		289	Saddle TWT - diversion ditch	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		290	Saddle fueling station and tank farm	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		291	Saddle laydown area	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		292	Saddle explosives magazine	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		293	construction generator	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
	294	Treaty Saddle road	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+	
	295	Treaty Saddle road borrow areas	X	R			Y	grass/shrub	+	-	-	-	-	+	+			
	296	Treaty Saddle road waste areas	X	R			Y	grass/shrub	+	-	-	-	-	+	+			
	297	Treaty Saddle road till stockpiles	X	R			Y	grass/shrub	+	-	-	-	-	+	+			
	Camp 6: Treaty Saddle Camp	298	Camp 6 incinerator	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		299	Camp 6 helipad	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		300	Camp 6: Treaty Saddle Camp	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		301	Camp 6 equipment and material storage yard	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
		302	Camp 6 septic field	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
	Camp 5: Treaty Plant Camp	303	Camp 5: Treaty Plant Camp	X	R			Y	grass/shrub	+	-	-	-	-	+	+		
Treaty Operating Camp	304	water supply well	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+	
	305	construction explosives storage	X/R				Y	grass/shrub	+/-	-	-	-	-	+	+			
	306	water pipeline	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+	
	307	water supply well access road	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+	
	308	Treaty operating camp incinerator	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+	
	309	Treaty operating camp	X	X	PR	X	partial	grass/shrub	+	n	-	+	+	+	+	+	+	
	310	Treaty operating camp septic field	X	X			-	NA	+	n				+	+			
Treaty Ore Preparation Complex	311	Temporary Water Treatment 8	X	R			Y	grass/shrub	+	-	-	-	-	+	+			
	312	TWT 8 - unlined muck pad	X	R			Y	grass/shrub	+	-	-	-	-	+	+			
	313	TWT 8 - sediment control pond	X	R			Y	grass/shrub	+	-	-	-	-	+	+			
	314	MTT process plant portal	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+	
	315	MTT portal laydown area	X	X/R			Y	grass/shrub	+	-	-	-	-	+	+			
	316	Treaty runoff collection channel	X	X	X	R	Y	grass/shrub	+	n	n	-	-	+	+	+	+	
	317	Treaty helipad	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	318	Treaty construction laydown area	X	R			Y	grass/shrub	+	-	-	-	-	+	+			
	319	Treaty waste management facilities	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	320	Treaty warehouse and warehouse pad	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	321	Treaty maintenance shop	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	322	Treaty lab	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	323	CIL Plant	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	324	substation 1	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+	
	325	25 kV transmission line	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+	
	326	Treaty Process Plant	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	327	TWT 10 - sediment control pond	X	X	X	R	Y	grass/shrub	+	n	n	-	-	+	+	+	+	
	328	TWT 10 - collection ditch and pipeline	X	R			Y	grass/shrub	+	-	-	-	-	+	+			
	329	High Pressure Grinding Rolls (HPGR) Mill	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	330	Treaty OPC fine ore stockpile		X	R		Y	grass/shrub	+	-	-	-	-	+	+			
	331	Treaty OPC stormwater runoff pipeline		X	X	R	Y	grass/shrub	+	n	-	-	-	+	+	+		
	332	Treaty OPC coarse ore stockpile		X	R		Y	grass/shrub	+	-	-	-	-	+	+			
	333	Treaty SEC Crusher Building	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	334	Treaty office complex	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+	
	335	Treaty ambulance building	X	X	X	X	N	NA	+	n	n	n	n	+	+	+	+	
	336	container storage area	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	337	cold storage	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	338	Treaty CSCF/landfarm/landfill	X	X	X	R	Y	grass/shrub	+	n	n	-	-	+	+	+	+	
339	Treaty OPC Batch Plant stockpile	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+			
340	Treaty OPC Batch Plant	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+			
341	Treaty fuel storage	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+			
342	Treaty OPC access road	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+			
343	Treaty OPC site collection and diversion ditches	X	X	X	R	Y	grass/shrub	+	n	n	-	-	+	+	+	+		
344	Treaty Administration Building	X	X	X	X	Y	grass/shrub	+	n	n	n	n	+	+	+	+		
Concentrate Storage and Loadout	345	concentrate storage and loadout area		X	R		Y	grass/shrub	+	-	-	-	-	+	+			
North Cell Tailing Management Facility	346	North Cell till stockpile	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	347	North Cell soil storage area	X	X	R		Y	grass/shrub	+	n	-	-	-	+	+	+		
	348	TWT 11 - sediment control pond	X	X	X	R	Y	grass/shrub	+	n	n	-	-	+	+	+	+	
	349	TWT 11 - collection ditch and pipeline	X	X	X	R	Y	grass/shrub	+	n	n	-	-	+	+	+	+	
	350	TWT 9 - sediment control pond	X	X	R		Y	forest	+	n	-	-	-	+	+	+		
	351	TWT 9 - pipeline	X	X	R		Y	forest	+	n	-	-	-	+	+	+		

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Appendix 6-A. Greenhouse Gas Emissions Scoping Table

Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Atmospheric GHG Effect from:								
				Construction	Operation	Closure	Post-Closure			Land Use Change*				Facility Level**				
										Construction	Operation	Closure	Post-Closure	Construction	Operation	Closure	Post-Closure	
Processing and Tailing Management Area (PTMA)	North Cell Tailing Management Facility (cont'd)	352	North Cell seepage collection dam	X	PR	X	X	partial	grass/shrub	+	-	+	n	+	+	+	+	
		353	North Cell seepage collection dam spillway	X	X	X	X	N	NA	+	n	n	n	+	+	+	+	
		354	North Cell seepage collection pond	X	X	X	X	N	pond/wetland	+	n	n	-	+	+	+	+	
		355	North Cell seepage reclaim pipeline	X	X	X	X	N	NA	+	n	n	n	+	+	+	+	
		356	North Cell construction berms and sediment fences	X/D				-	NA	+								
		357	North Cell starter dam	X/-				-	NA	+								
		358	North dam construction pipeline and cofferdam	X/D				-	NA	+								
		359	North Cell dam	X	PR	X	R	partial	grass/shrub	+	-	+	-	+	+	+	+	
		360	North Cell borrow area	X/D				-	NA	+								
		361	North Cell quarry	X/D				-	NA	+								
		362	North Cell waste pile	X/D				-	NA	+								
		363	North Cell construction access road and transmission line	X/D				-	NA	+								
		364	North Cell		X/PR	X	R	Y	forest	+	+	n	-		+	+	+	
		365	North Cell closure pond		X	PR		Y	pond/wetland	+	-	-	-		+	+		
		366	reclaim barge		X	D		-	NA	+	n				+	+		
		367	gravel beach cover		X	X	R	Y	wetland	+	n	n	-		+	+	+	
		368	pump house with potential clarification system	X	X	X		-	NA	+	n	n			+	+	+	
		369	Northwest Diversion	X	X	X	R	Y	forest	+	n	n	-	+	+	+	+	
		370	TMF Discharge Pipeline	X	X	X	D	N	NA	+	n	n	n	+	+	+	+	
		East Catchment Diversion	371	East Catchment diversion tunnel portal access road	X	X	X	X	Y	forest	+	n	n	n	+	+	+	+
	372		East Catchment diversion tunnel portal		X	R		Y	forest	+	-	-			+	+		
	373		northeast buried pipeline	X	X	X	R	N	NA	+	n	n	-	+	+	+	+	
	374		northeast service road	X	X	X	R	Y	forest	+	n	n	-	+	+	+	+	
	375		northeast diversion ditch	X	X	X	PR	Y	forest	+	n	n	-	+	+	+	+	
	376		East Catchment diversion tunnel phase 1	X	X	D		N	NA	+	n	n			+	+	+	
	377		East Catchment diversion tunnel phase 2		X	X	D	N	NA	+	n	n			+	+	+	
	378		East Catchment diversion dam	X	PR	X	R	Y	grass/shrub	+	-	+	-	+	+	+	+	
	379		East Catchment diversion dam spillway	X	X	X	R	Y	grass/shrub	+	n	n	-	+	+	+	+	
	380		East Catchment diversion pond	X	X	X	R	Y	grass/shrub	+	n	n	-	+	+	+	+	
	381		TWT 13 - sediment control pond	X	R			Y	grass/shrub	+	-	-	-	+	+			
	382		Upper East Catchment diversion dam	X	PR	X	R	Y	grass/shrub	+	-	+	-	+	+	+	+	
	383		Upper East Catchment diversion pond	X	X	X	R	Y	grass/shrub	+	n	n	-	+	+	+	+	
	384		Upper East Catchment diversion dam spillway	X	X	X	R	Y	grass/shrub	+	n	n	-	+	+	+	+	
	385		TWT 12 - sediment control pond	X	R			Y	grass/shrub	+	n	n	-	+	+			
	Centre Cell Tailing Management Facility		386	Centre Cell borrow area	X/D				-	NA	+							
			387	Splitter starter dam	X				-	NA	+							
		388	Splitter dam construction pipeline and cofferdam	X/D				-	NA	+								
		389	Splitter dam	X	X	PR	R	Y	forest	+	n	-	-	+	+	+	+	
		390	CIL Lined Pond		X	X	R	Y	pond/wetland	+	-	-			+	+	+	
		391	reclaim barges (x2)		X	X	D	-	NA	+	n	n			+	+	+	
		392	Saddle starter dam	X				-	NA	+					+			
		393	Saddle dam construction diversion	X/D				-	NA	+					+			
		394	Saddle dam construction southern diversion	X/D				-	NA	+					+			
		395	Saddle dam construction diversion access road	X/D				-	NA	+					+			
396		Saddle seepage dam construction access road	X/D				-	NA	+					+				
397		Saddle dam	X	X	PR	R	Y	forest	+	n	-	-	+	+	+	+		
398		Saddle seepage collection pond	X	X/D			-	NA	+	n				+	+			
399		Saddle seepage collection dam spillway	X	X/D			-	NA	+	n				+	+			
400		Saddle seepage collection dam	X	X/D			-	NA	+	n				+	+			
401		Saddle dam collection ditch	X/D				-	NA	+					+				
402		TWT 14 - sediment control pond	X/D				-	NA	+					+				
403		TWT 14 - pipeline	X/D				-	NA	+					+				
404		Saddle seepage reclaim pipeline	X	X/D			-	NA	+	n				+	+			
405		post-closure pond				X/PR	Y	pond/wetland				+/				+		
406	post-closure gravel beach cover				X/R	Y	wetland				+/				+			
407	post-closure cell				R	Y	forest				+/				+			
South Cell Tailing Management Facility	408	Southeast service road	X	X	X	R	Y	forest	+	n	n	-	+	+	+	+		
	409	Southeast diversion ditch	X	X	X	R	Y	forest	+	n	n	-	+	+	+	+		
	410	South Cell quarry sediment fence		X/D			-	NA	+					+				
	411	South Cell quarry		X/D			-	NA	+					+				
	412	South Cell quarry construction berm		X/D			-	NA	+					+				
	413	North Treaty lower road	X	X/D			-	NA	+	n				+	+			
	414	South Cell		X	PR	R	Y	forest	+	-	-			+	+	+		
	415	South Cell pond		X			-	NA	+					+				
	416	South Cell closure pond			X/PR		Y	pond/wetland			+/	-			+			
	417	gravel beach cover			X	R	Y	wetland	+	-	-			+	+	n		
	418	reclaim barge		X	X	D	-	NA	+	n	n			+	+	+		
	419	southeast dam		X/PR	X	R	Y	grass/shrub	+/	+	-			+	+	+		
	420	southeast starter dam		X			-	NA	+					+				
	421	southeast dam diversion ditch		X	X	X	N	NA	+	n	n			+	+	+		
	422	South Cell seepage reclaim pipeline		X	X	X	N	NA	+	n	n			+	+	+		
	423	South Cell borrow area		X/R			Y	grass/shrub	+/	-	-			+				
	424	TWT 15 - sediment control structure		X/R			Y	grass/shrub	+/	-	-			+				
	425	TWT 15 - pipeline		X/R			Y	grass/shrub	+/	-	-			+				
	426	Treaty Creek closure spillway			X	X	N	NA		+	n				+	+		
	427	southeast seepage collection dam		X	PR	X	partial	forest	+	-	+			+	+	+		
428	southeast seepage collection pond		X	X	X	N	pond/wetland	+	n	n			+	+	+			
429	southeast seepage collection dam spillway		X	X	X	N	NA	+	n	n			+	+	+			
430	southeast seepage collection dam construction access road		X	X	X	N	NA	+	n	n			+	+	+			
431	South Cell soil storage area		X	R		Y	forest	+	-	-			+	+				
Treaty Creek Access Corridor	432	North Treaty upper road	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	433	Treaty Creek Transmission Line	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	434	southwest diversion ditch	X	X	X	PR	partial	forest	+	n	n	-	+	+	+	+		
	435	TCAR channel armouring and diversion dams	X	PR	X	X	partial	grass	+	-	+	n	+	+	+	+		
	436	southwest diversion access road	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	437	Treaty Creek access road (TCAR)	X	X	X	X	N	NA	+	n	n	n	+	+	+	+		
	438	TCAR borrow areas	X	R			Y	forest	+	-	-	-	+	+				
	439	TCAR waste areas	X	R			Y	forest	+	-	-	-	+	+				
	440	TCAR log landings	X	R			Y	forest	+	-	-	-	+	+				

X = the project component is active during that project phase.

- = the project component is encompassed by another feature and the reclamation objective is indicated in the row for the other project feature.

R/reclaim = shows the Project phase where reclamation of the component occurs.

PR/partial reclaim = shows the Project phase where partial reclamation of the component occurs; in some cases the feature is totally reclaimed but remains in place (e.g., dams).

D/decom = shows the phase of the project where the component is decommissioned, but not reclaimed.

GHG Effect Notes:

*Land use change activities are positive (GHG source), negative (GHG sink), or neutral (no change) as a result of Project activities. Neutral change arises when activities at the component only involve facility sources, not land use change.

**Facility level activities result in only positive (GHG sources) contributions to atmospheric GHG levels as a result of Project activities.

+ = Net source of greenhouse gas emissions

- = Net sink of GHGs (carbon) from reclamation/reforestation

n = neutral, not net land-based source or sink results from component activity

blank cell = no activity and no GHG change

GHG = greenhouse gas

Appendix 6-A. Greenhouse Gas Emissions Scoping Table

Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Atmospheric GHG Effect from:							
				Construction	Operation	Closure	Post-Closure			Land Use Change*				Facility Level**			
										Construction	Operation	Closure	Post-Closure	Construction	Operation	Closure	Post-Closure
Processing and Tailing Management Area (PTMA)	Treaty Creek Access Corridor (cont'd)	441	creek crossing R053	X	X	X	X	N	NA	+	n	n	n	+	+	+	+
		442	creek crossing R049	X	X	X	X	N	NA	+	n	n	n	+	+	+	+
		443	creek crossing R047	X	X	X	X	N	NA	+	n	n	n	+	+	+	+
		444	North Treaty Creek bridge (R045)	X	X	X	X	N	NA	+	n	n	n	+	+	+	+
		445	creek crossing R037	X	X	X	X	N	NA	+	n	n	n	+	+	+	+
		446	creek crossing R038	X	X	X	X	N	NA	+	n	n	n	+	+	+	+
		447	creek crossing R036	X	X	X	X	N	NA	+	n	n	n	+	+	+	+
		448	creek crossing R035	X	X	X	X	N	NA	+	n	n	n	+	+	+	+
		449	creek crossing R034	X	X	X	X	N	NA	+	n	n	n	+	+	+	+
		450	Bell-Irving River bridge (R033)	X	X	X	X	N	NA	+	n	n	n	+	+	+	+
	Camp 11: Treaty Marshalling Yard Camp	451	Camp 11: Treaty Marshalling Yard Camp	X	R			Y	forest	+	-	-	-	+	+		
		452	Camp 11 Treaty marshalling yard	X	R			Y	forest	+	-	-	-	+	+		
		453	Camp 11 incinerator	X	R			Y	forest	+	-	-	-	+	+		
Camp 12: Highway 37 Construction Camp	454	Camp 12: Highway 37 Construction Camp	X/R				Y	forest	+/-	-	-	-	+				
	455	Camp 12 incinerator	X/R				Y	forest	+/-	-	-	-	+				
Off-site Transportation	Highway 37 and 37A	456	Highway 37	X	X	X	X	N	NA	+	n	n	n	+	+	+	+
		457	Highway 37A	X	X			N	NA	+	n			+	+		

X = the project component is active during that project phase.

- = the project component is encompassed by another feature and the reclamation objective is indicated in the row for the other project feature.

R/reclaim = shows the Project phase where reclamation of the component occurs.

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GHG Effect Notes:

*Land use change activities are positive (GHG source), negative (GHG sink), or neutral (no change) as a result of Project activities. Neutral change arises when activities at the component only involve facility sources, not land use change.

**Facility level activities result in only positive (GHG sources) contributions to atmospheric GHG levels as a result of Project activities.

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n = neutral, not net land-based source or sink results from component activity

blank cell = no activity and no GHG change

GHG = greenhouse gas