

APPENDIX 14-E
SURFACE WATER QUALITY SCOPING TABLE

Appendix 14-E. Surface Water Quality Scoping Table

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

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 occur.

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

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Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Degradation of Surface Water Quality
				Construction	Operation	Closure	Post-Closure			
Mine Site	Camp 4: Mitchell North Camp (for MTT construction)	99	Camp 4: Mitchell North Camp	X/D				-	NA	X
		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	X
	Mitchell Ore Preparation Complex (Mitchell OPC)	104	Mitchell OPC	X	X	PR		Y	grass	
		105	MTT west portal	X	X			-	NA	X
		106	MTT closure portal			X	X	N	NA	X
		107	substation 2	X	X			-	NA	
		108	Closure substation			X	X	N	NA	
		109	25 kV transmission lines	X	X	X	X	N	NA	
		110	Mitchell OPC ore stockpile	X	X	R		Y	grass	X
		111	TWT 4 - sediment control pond	X/D				-	NA	X
		112	Mitchell OPC Primary Crusher	X	X	D		-	NA	
		113	Mitchell OPC snow storage		X	R		Y	grass	X
	Mine Site Avalanche Control	114	fixed avalanche initiation exploders	X	X	X	X	N	NA	
		115	fixed avalanche support structure	X	X	X	X	N	NA	
		116	fixed avalanche support structure access road	X	X	X	X	N	NA	
	Iron Cap Block Cave Mine	117	Iron Cap Underground Works		X	D		N	NA	X
118		Iron Cap underground access ramp		X	D		N	NA	X	
119		Iron Cap conveyor 3		X	D		N	NA		
120		Iron Cap conveyor 2		X	D		N	NA		
121		Iron Cap conveyor 1		X	D		N	NA		
122		Iron Cap surface disturbance		X	X	X	N	NA	X	
123		Iron Cap return air portal		X	X	X	N	NA		
124		Iron Cap ventilation tunnels		X	D		N	NA	X	
125		Iron Cap fresh air portals (x2)		X	D		N	NA		
Mitchell Pit	126	Mitchell Pit north wall dewatering adits		X	D		N	NA	X	
	127	Mitchell Pit haul road		X	R		N	grass	X	
	128	Mitchell Pit closure dam			X	X	N	NA	X	
	129	Mitchell Pit closure dam spillway			X	X	N	NA	X	
	130	Mitchell Pit Lake discharge pipe			X	X	N	NA	X	
	131	Mitchell Pit pre-production ore stockpile	X				-	NA	X	
	132	Mitchell Pit	X	X	D		N	pit lake	X	
	133	Mitchell Pit Lake			X	X	N	NA	X	
	134	Mitchell Pit North diversion ditch		X	X/D		N	NA	X	
	135	Mitchell Pit East diversion ditch		X	X/D		N	NA	X	
Mitchell Block Cave Mine	136	Mitchell Pit South diversion ditch		X	X/D		N	NA	X	
	137	Mitchell Underground Works		X	D		N	NA	X	
	138	Mitchell surface disturbance		X	X	X	N	NA	X	
	139	Mitchell underground access portal		X	D		N	NA	X	
	140	Mitchell underground access ramp		X	D		N	NA	X	
	141	Mitchell underground conveyor tunnel portal		X	D		N	NA	X	
	142	Mitchell underground conveyor		X	D		N	NA		
	143	Mitchell underground fresh air raises (x2)		X	D		N	NA		
	144	Mitchell underground return air raises (x2)		X	D		N	NA		
	145	Mitchell underground drainage tunnels		X	D		N	NA	X	
Mitchell Diversion Tunnels (MDT)	146	Mitchell diversion contact water ditch	X				-	NA	X	
	147	North Mitchell Glacier collection ditch	X	X	X	X	N	NA	X	
	148	North Mitchell Glacier collection ditch access road	X				-	NA	X	
	149	North Mitchell Glacier access road	X	X	X	X	N	NA	X	
	150	Mitchell diversion phase1 surface inlet	X	X			-	NA	X	
	151	Mitchell Diversion Tunnel access	X	X	X	X	N	NA	X	
	152	Mitchell diversion phase 2 surface inlet		X	D		N	NA	X	
	153	South Mitchell Glacier slope contact water collection ditch		X	X	X	N	NA	X	
	154	Mitchell flood overflow drainage tunnel	X	X	X	X	N	NA	X	
	155	Mitchell Diversion access road	X				-	NA	X	
	156	open pit phase sub-glacial inlet	X	X	X	X	N	NA	X	
	157	underground phase sub-glacial inlet		X	X	X	N	NA	X	
	158	Temporary Water Treatment 5	X/D				-	NA	X	
	159	TWT 5 - lined muck pad	X/D				-	NA	X	
	160	TWT 5 - unlined muck pad	X/D				-	NA	X	
	161	TWT 5 - sediment control pond	X/D				-	NA	X	
	162	TWT 5 - diversion ditch	X/D				-	NA	X	
	163	Open Pit Phase Mitchell Diversion Tunnel	X	X	X	X	N	NA	X	
	164	Underground Phase Mitchell Diversion Tunnel		X	X	X	N	NA	X	
	165	Temporary Water Treatment 3	X/R				Y	forest	X	
166	TWT 3 - unlined muck pad	X/R				Y	forest	X		
167	TWT 3 - lined muck pad	X/R				Y	forest	X		
168	TWT 3 - water treatment facility	X/R				Y	forest	X		
169	TWT 3 - sediment control pond	X/R				Y	forest	X		
170	TWT 3 - diversion ditch	X/R				Y	forest	X		
171	MDT temporary diversion construction road	X	R			Y	forest	X		
172	rock cut stepped spillway	X	X	X	X	N	NA	X		
173	underground phase outlet portal		X	X	X	N	NA	X		
174	Mitchell Diversion outlet access road	X	X	X	X	N	NA	X		
Upper Sulphurets Power Plant	175	surface penstock on pillars	X	X	X	X	N	NA		
	176	penstock buried in road bed	X	X	X	X	N	NA		
	177	Upper Sulphurets Power Plant access road	X	X	X	X	N	NA	X	
	178	Upper Sulphurets Power Plant	X	X	X	X	N	NA		
Mitchell Truck Shop	179	Mitchell Truck Shop	X	X	R		Y	forest		
	Water Storage Facility (WSF)	180	WSF bypass buried pipeline	X	X	X	X	N	NA	X
		181	WSF snow storage		X	D		N	NA	X
		182	WSF borrow pits	X				-	NA	X
		183	water storage pond	X	X	X	X	N	NA	X
		184	buried HDPE lined penstock	X	X	X	X	N	NA	X
		185	lined pumping header pond	X	X	X	X	N	NA	X
		186	downstream rockfill quarry area	X	X	R		Y	forest	X
		187	Selenium Treatment Plant		X	X	X	N	NA	X
		188	WSF diversion tunnel	X	X	X	X	N	NA	X
		189	Temporary Water Treatment 7	X/R				N	NA	X
		190	WSF construction access road	X/D				-	NA	X
		191	WSF construction cofferdams	X/D				-	NA	X
		192	Water Storage dam (WSD)	X	PR	X	X	Y	forest	X
		193	WSD west lower seepage interception tunnel	X	X	X	X	N	NA	X
		194	WSD west upper seepage interception tunnel	X	X	X	X	N	NA	X
		195	WSD east lower seepage interception tunnel	X	X	X	X	N	NA	X

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				Construction	Operation	Closure	Post-Closure			
Mine Site	Water Storage Facility (WSF) (cont'd)	196	WSD east upper seepage interception tunnel	X	X	X	X	N	NA	X
		197	WSD southeast seepage interception tunnel	X	X	X	X	N	NA	X
		198	WSD southwest seepage interception tunnel	X	X	X	X	N	NA	X
		199	WSF pipeline	X	X	X	X	N	NA	X
		200	WSF spillway	X	X	X	X	N	NA	X
		201	WSF seepage dam	X	X	X	X	N	NA	X
		202	WSF seepage collection pond	X	X	X	X	N	pond/wetland	X
		203	WSF seepage dam spillway	X	X	X	X	N	NA	X
		204	southeast WSF diversion	X	X	X	X	N	NA	X
		205	temporary construction bridge	X/D				-	NA	X
		206	Lower Mitchell closure channel access road			X	X	N	NA	X
	207	Lower Mitchell closure channel			X	X	N	NA	X	
	208	Camp 9: Mitchell Initial Camp	X/R				Y	forest	X	
	209	Camp 9 septic field	X/R				Y	forest	X	
	210	Camp 10: Mitchell Secondary Camp	X	R			Y	forest	X	
	211	Camps 9 and 10 helipad	X	R			Y	forest		
	212	Camp 9 and 10 incinerator	X	R			Y	forest		
	213	Camp 10 septic field	X	R			Y	forest	X	
	214	penstock to WTP	X	X	X	X	N	NA	X	
	215	Energy Recovery Facility	X	X	X	X	N	NA		
	216	Water Treatment Plant (WTP)	X	X	X	X	N	NA	X	
	217	Temporary Water Treatment 1	X/R				Y	forest	X	
	218	sludge warehouse	X	X	X	X	N	NA	X	
	219	sludge landfill	X/R				Y	forest	X	
	220	sludge storage			X	X	N	NA	X	
	221	Sulphurets access road	X	X	PR	X	partial	forest	X	
	222	Satellite Maintenance Facility		X	R		Y	forest		
	223	Sulphurets snow storage	X	X	R		Y	forest	X	
	224	Sulphurets diversion ditch	X	X	R		Y	forest	X	
225	Sulphurets collection ditch	X	X			-	NA	X		
226	landfarm/landfill	X	R			Y	forest	X		
227	Sulphurets laydown area	X	X/R			Y	forest	X		
228	Sulphurets-Mitchell Conveyor Tunnel		X	D		N	NA	X		
229	Sulphurets-Mitchell Conveyor Tunnel portals		X	R		Y	forest	X		
230	conveyor stockpile		X	R		Y	forest	X		
231	conveyor 1 to Sulphurets portal		X	R		Y	forest			
232	conveyor 2 to Sulphurets portal		X	R		Y	forest			
233	Sulphurets Pit crusher		X	R		Y	forest	X		
234	Sulphurets Pit	X	X	D		N	NA	X		
235	Sulphurets Pit Backfill			X	PR	partial	forest	X		
236	Sulphurets Pit drainage collection ditch	X/D				-	NA	X		
237	Sulphurets Pit drainage pipeline to Selenium Treatment		X	X	X	N	NA	X		
238	Sulphurets Pit drainage pipeline to WSF	X	X	X	X	N	NA	X		
239	Sulphurets Pit diversion and collection system		X	X	X	N	NA	X		
240	Kerr rope conveyor		X	R		Y	forest			
241	conveyor stockpile		X	R		Y	forest	X		
242	Kerr Pit access road		X	PR	X	partial	forest	X		
243	Kerr Pit snow storage		X	R		Y	forest	X		
244	Kerr Pit crusher		X	R		Y	forest	X		
245	Kerr Pit		X	D		N	pit lake	X		
246	South Kerr Pit Lake			X	X	N	NA	X		
247	Kerr Pit dewatering pipeline		X	X	X	N	NA	X		
248	Camp 2: Ted Morris Camp	X/R				Y	forest	X		
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	X		
253	Sulphurets Valley access road	X	X	PR	X	partial	forest	X		
254	Sulphurets bridge	X	X	X	X	N	NA			
255	initial construction borrow and spoil area	X	X	R		Y	forest	X		
256	secondary construction borrow and spoil area			X/R		Y	forest	X		
257	closure cover borrow and till storage areas	X	X	X/R		Y	forest	X		
258	secondary closure cover borrow and till storage area		X	X/R		Y	forest	X		
259	explosives access road	X	X	R		Y	forest	X		
260	explosives magazine	X	X	R		Y	forest			
261	AN Prill Storage access road	X	X	R		Y	forest	X		
262	AN prill storage area	X	X	R		Y	forest	X		
263	Explosives Manufacturing Facility	X	X	R		Y	forest			
264	Temporary Frank Mackie Glacier access route	X/D				N	NA	X		
265	Camp 1: Granduc Staging Camp	X				N	NA	X		
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	X		
269	Mitchell-Treaty Conveyor Tunnel	X	X	X	X	N	NA	X		
270	Mitchell-Treaty Transportation Tunnel	X	X	X	X	N	NA	X		
271	construction access adit	X	X	X	X	N	NA	X		
272	Adit Temporary Water Treatment 9	X	D			N	NA	X		
273	Adit TWT - unlined muck pad	X	D			N	NA	X		
274	Adit TWT - sediment control pond	X	D			N	NA	X		
275	Adit TWT - lined muck pad	X	D			N	NA	X		
276	Adit TWT - collection sump	X	D			N	NA	X		
277	Adit TWT - diversion ditch	X	D			N	NA	X		
278	Treaty Adit road	X	X	X	X	N	NA	X		
279	cable buried under road	X	D			N	NA			
280	tunnel muck drainage pipeline buried under road	X	D			N	NA	X		
281	Saddle portal	X	X	X	X	N	NA	X		
282	Saddle wash plant	X	R			Y	grass/shrub	X		
283	Saddle helipad	X	R			Y	grass/shrub			
284	Saddle Temporary Water Treatment 4	X	R			Y	grass/shrub	X		
285	Saddle TWT - lined muck pad	X	R			Y	grass/shrub	X		
286	Saddle TWT - unlined muck pad	X	R			Y	grass/shrub	X		
287	Saddle TWT - temporary treatment plant	X	R			Y	grass/shrub	X		
288	Saddle TWT - sediment control ponds	X	R			Y	grass/shrub	X		
289	Saddle TWT - diversion ditch	X	R			Y	grass/shrub	X		
290	Saddle fueling station and tank farm	X	R			Y	grass/shrub	X		

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Processing and Tailing Management Area (PTMA)	Mitchell-Treaty Saddle Area (cont'd)	291	Saddle laydown area	X	R			Y	grass/shrub	X	
		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	X	
		295	Treaty Saddle road borrow areas	X	R			Y	grass/shrub	X	
		296	Treaty Saddle road waste areas	X	R			Y	grass/shrub	X	
		297	Treaty Saddle road till stockpiles	X	R			Y	grass/shrub	X	
	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	X	
		301	Camp 6 equipment and material storage yard	X	R			Y	grass/shrub	X	
	Camp 5: Treaty Plant Camp	302	Camp 6 septic field	X	R			Y	grass/shrub	X	
		303	Camp 5: Treaty Plant Camp	X	R			Y	grass/shrub	X	
	Treaty Operating Camp	304	water supply well	X	X	X	X	N	NA		
		305	construction explosives storage	X/R				Y	grass/shrub		
		306	water pipeline	X	X	X	X	N	NA		
		307	water supply well access road	X	X	X	X	N	NA	X	
		308	Treaty operating camp incinerator	X	X	X	X	N	NA		
		309	Treaty operating camp	X	X	PR	X	partial	grass/shrub	X	
		310	Treaty operating camp septic field	X	X			-	NA	X	
		311	Temporary Water Treatment 8	X	R			Y	grass/shrub	X	
		312	TWT 8 - unlined muck pad	X	R			Y	grass/shrub	X	
		313	TWT 8 - sediment control pond	X	R			Y	grass/shrub	X	
	Treaty Ore Preparation Complex	314	MTT process plant portal	X	X	X	X	N	NA	X	
		315	MTT portal laydown area	X	X/R			Y	grass/shrub	X	
		316	Treaty runoff collection channel	X	X	X	R	Y	grass/shrub	X	
		317	Treaty helipad	X	X	R		Y	grass/shrub		
		318	Treaty construction laydown area	X	R			Y	grass/shrub	X	
		319	Treaty waste management facilities	X	X	R		Y	grass/shrub		
		320	Treaty warehouse and warehouse pad	X	X	R		Y	grass/shrub		
		321	Treaty maintenance shop	X	X	R		Y	grass/shrub		
		322	Treaty lab	X	X	R		Y	grass/shrub		
		323	CIL Plant	X	X	R		Y	grass/shrub	X	
		324	substation 1	X	X	X	X	N	NA		
		325	25 kV transmission line	X	X	X	X	N	NA		
		326	Treaty Process Plant	X	X	R		Y	grass/shrub	X	
		327	TWT 10 - sediment control pond	X	X	X	R	Y	grass/shrub	X	
		328	TWT 10 - collection ditch and pipeline	X	R			Y	grass/shrub	X	
		329	High Pressure Grinding Rolls (HPGR) Mill	X	X	R		Y	grass/shrub		
		330	Treaty OPC fine ore stockpile		X	R		Y	grass/shrub	X	
		331	Treaty OPC stormwater runoff pipeline		X	X	R	Y	grass/shrub	X	
		332	Treaty OPC coarse ore stockpile		X	R		Y	grass/shrub	X	
		333	Treaty SEC Crusher Building	X	X	R		Y	grass/shrub		
		334	Treaty office complex	X	X	X	X	N	NA		
		335	Treaty ambulance building	X	X	X	X	N	NA		
		336	container storage area	X	X	R		Y	grass/shrub		
		337	cold storage	X	X	R		Y	grass/shrub		
		338	Treaty CSCF/landfarm/landfill	X	X	X	R	Y	grass/shrub	X	
		339	Treaty OPC Batch Plant stockpile	X	X	R		Y	grass/shrub	X	
		340	Treaty OPC Batch Plant	X	X	R		Y	grass/shrub		
		341	Treaty fuel storage	X	X	R		Y	grass/shrub	X	
		342	Treaty OPC access road	X	X	R		Y	grass/shrub	X	
		343	Treaty OPC site collection and diversion ditches	X	X	X	R	Y	grass/shrub	X	
		344	Treaty Administration Building	X	X	X	X	Y	grass/shrub		
		Concentrate Storage and Loadout	345	concentrate storage and loadout area		X	R		Y	grass/shrub	X
		North Cell Tailing Management Facility	346	North Cell till stockpile	X	X	R		Y	grass/shrub	X
			347	North Cell soil storage area	X	X	R		Y	grass/shrub	X
	348		TWT 11 - sediment control pond	X	X	X	R	Y	grass/shrub	X	
	349		TWT 11 - collection ditch and pipeline	X	X	X	R	Y	grass/shrub	X	
	350		TWT 9 - sediment control pond	X	X	R		Y	forest	X	
	351		TWT 9 - pipeline	X	X	R		Y	forest	X	
	352		North Cell seepage collection dam	X	PR	X	X	partial	grass/shrub	X	
	353		North Cell seepage collection dam spillway	X	X	X	X	N	NA	X	
	354		North Cell seepage collection pond	X	X	X	X	N	pond/wetland	X	
	355		North Cell seepage reclaim pipeline	X	X	X	X	N	NA	X	
	356		North Cell construction berms and sediment fences	X/D				-	NA	X	
	357		North Cell starter dam	X/-				-	NA	X	
	358		North dam construction pipeline and cofferdam	X/D				-	NA	X	
	359		North Cell dam	X	PR	X	R	partial	grass/shrub	X	
	360		North Cell borrow area	X/D				-	NA	X	
	361		North Cell quarry	X/D				-	NA	X	
	362		North Cell waste pile	X/D				-	NA	X	
	363		North Cell construction access road and transmission line	X/D				-	NA	X	
	364		North Cell		X/PR	X	R	Y	forest	X	
	365		North Cell closure pond		X	PR		Y	pond/wetland	X	
	366		reclaim barge		X	D		-	NA	X	
	367		gravel beach cover		X	X	R	Y	wetland	X	
	368		pump house with potential clarification system	X	X	X		-	NA	X	
	369		Northwest Diversion	X	X	X	R	Y	forest	X	
	370		TMF Discharge Pipeline	X	X	X	D	N	NA	X	
	East Catchment Diversion		371	East Catchment diversion tunnel portal access road	X	X	X	X	Y	forest	X
			372	East Catchment diversion tunnel portal		X	R		Y	forest	X
		373	northeast buried pipeline	X	X	X	R	N	NA	X	
		374	northeast service road	X	X	X	R	Y	forest	X	
		375	northeast diversion ditch	X	X	X	PR	Y	forest	X	
		376	East Catchment diversion tunnel phase 1	X	X	D		N	NA	X	
		377	East Catchment diversion tunnel phase 2		X	X	D	N	NA	X	
		378	East Catchment diversion dam	X	PR	X	R	Y	grass/shrub	X	
379		East Catchment diversion dam spillway	X	X	X	R	Y	grass/shrub	X		
380		East Catchment diversion pond	X	X	X	R	Y	grass/shrub	X		
381		TWT 13 - sediment control pond	X	R			Y	grass/shrub	X		
382		Upper East Catchment diversion dam	X	PR	X	R	Y	grass/shrub	X		
383		Upper East Catchment diversion pond	X	X	X	R	Y	grass/shrub	X		
384		Upper East Catchment diversion dam spillway	X	X	X	R	Y	grass/shrub	X		
385		TWT 12 - sediment control pond	X	R			Y	grass/shrub	X		

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.

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

Appendix 14-E. Surface Water Quality Scoping Table

Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Degradation of Surface Water Quality		
				Construction	Operation	Closure	Post-Closure					
Processing and Tailing Management Area (PTMA)	Centre Cell Tailing Management Facility	386	Centre Cell borrow area	X/D				-	NA	X		
		387	Splitter starter dam	X				-	NA	X		
		388	Splitter dam construction pipeline and cofferdam	X/D				-	NA	X		
		389	Splitter dam	X	X	PR	R	Y	forest	X		
		390	CIL Lined Pond		X	X	R	Y	pond/wetland	X		
		391	reclaim barges (x2)		X	X	D	-	NA	X		
		392	Saddle starter dam	X				-	NA	X		
		393	Saddle dam construction diversion	X/D				-	NA	X		
		394	Saddle dam construction southern diversion	X/D				-	NA	X		
		395	Saddle dam construction diversion access road	X/D				-	NA	X		
		396	Saddle seepage dam construction access road	X/D				-	NA	X		
		397	Saddle dam	X	X	PR	R	Y	forest	X		
		398	Saddle seepage collection pond	X	X/D			-	NA	X		
		399	Saddle seepage collection dam spillway	X	X/D			-	NA	X		
		400	Saddle seepage collection dam	X	X/D			-	NA	X		
		401	Saddle dam collection ditch	X/D				-	NA	X		
		402	TWT 14 - sediment control pond	X/D				-	NA	X		
		403	TWT 14 - pipeline	X/D				-	NA	X		
		404	Saddle seepage reclaim pipeline	X	X/D			-	NA	X		
		405	post-closure pond				X/PR	Y	pond/wetland	X		
		406	post-closure gravel beach cover				X/R	Y	wetland	X		
		407	post-closure cell				R	Y	forest	X		
		South Cell Tailing Management Facility	South Cell Tailing Management Facility	408	Southeast service road	X	X	X	R	Y	forest	X
				409	Southeast diversion ditch	X	X	X	R	Y	forest	X
				410	South Cell quarry sediment fence		X/D			-	NA	X
				411	South Cell quarry		X/D			-	NA	X
				412	South Cell quarry construction berm		X/D			-	NA	X
				413	North Treaty lower road	X	X/D			-	NA	X
	414			South Cell		X	PR	R	Y	forest	X	
	415			South Cell pond		X			-	NA	X	
	416			South Cell closure pond				X/PR	Y	pond/wetland	X	
	417			gravel beach cover			X	R	Y	wetland	X	
	418			reclaim barge		X	X	D	-	NA	X	
	419			southeast dam		X/PR	X	R	Y	grass/shrub	X	
	420			southeast starter dam		X			-	NA	X	
	421			southeast dam diversion ditch		X	X	X	N	NA	X	
	422			South Cell seepage reclaim pipeline		X	X	X	N	NA	X	
	423			South Cell borrow area		X/R			Y	grass/shrub	X	
	424			TWT 15 - sediment control structure		X/R			Y	grass/shrub	X	
	425			TWT 15 - pipeline		X/R			Y	grass/shrub	X	
	426			Treaty Creek closure spillway			X	X	N	NA	X	
	427			southeast seepage collection dam		X	PR	X	partial	forest	X	
	428			southeast seepage collection pond		X	X	X	N	pond/wetland	X	
	429			southeast seepage collection dam spillway		X	X	X	N	NA	X	
	430			southeast seepage collection dam construction access road		X	X	X	N	NA	X	
	431			South Cell soil storage area		X	R		Y	forest	X	
	Treaty Creek Access Corridor			Treaty Creek Access Corridor	432	North Treaty upper road	X	X	X	X	N	NA
433					Treaty Creek Transmission Line	X	X	X	X	N	NA	X
434					southwest diversion ditch	X	X	X	PR	partial	forest	X
435					TCAR channel armouring and diversion dams	X	PR	X	X	partial	grass	X
436					southwest diversion access road	X	X	X	X	N	NA	X
437		Treaty Creek access road (TCAR)	X		X	X	X	N	NA	X		
438		TCAR borrow areas	X		R			Y	forest	X		
439		TCAR waste areas	X		R			Y	forest	X		
440		TCAR log landings	X		R			Y	forest	X		
441		creek crossing R053	X		X	X	X	N	NA			
442		creek crossing R049	X		X	X	X	N	NA			
443		creek crossing R047	X		X	X	X	N	NA			
444		North Treaty Creek bridge (R045)	X		X	X	X	N	NA			
445		creek crossing R037	X		X	X	X	N	NA			
446		creek crossing R038	X		X	X	X	N	NA			
447		creek crossing R036	X		X	X	X	N	NA			
448		creek crossing R035	X		X	X	X	N	NA			
449		creek crossing R034	X		X	X	X	N	NA			
450		Bell-Irving River bridge (R033)	X		X	X	X	N	NA			
Camp 11: Treaty Marshalling Yard Camp		Camp 11: Treaty Marshalling Yard Camp	451		Camp 11: Treaty Marshalling Yard Camp	X	R			Y	forest	X
	452		Camp 11 Treaty marshalling yard	X	R			Y	forest	X		
	453		Camp 11 incinerator	X	R			Y	forest	X		
Camp 12: Highway 37 Construction Camp	Camp 12: Highway 37 Construction Camp	454	Camp 12: Highway 37 Construction Camp	X/R				Y	forest	X		
		455	Camp 12 incinerator	X/R				Y	forest	X		
Off-site Transportation	Highway 37 and 37A	456	Highway 37	X	X	X	X	N	NA	X		
		457	Highway 37A	X	X			N	NA	X		

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