

RAINY RIVER PROJECT COMMITMENTS REGISTRY (VER. 12)

Federal Valued Component (as applicable)	Proponent Valued Component	#	Commitment / Mitigation	Source ¹	Project Phase ²	To Whom Commitment was Made / Report would be Made for a Regulatory Instrument ³	Related to EA Process / Primary Regulatory Instrument ⁴	Timeline	Additional Actions Required
Air quality and greenhouse gases		1.	The Rainy River Project (RRP) will monitor and mitigate air emissions, particularly dust, through implementation of current industry best management practices.	7.3.1.2, 7.3.1.3, 7.8.3	C,O,D	MOE	EPA	-	-
		2.	A fugitive dust best management practices plan will be prepared to identify all potential sources of fugitive dusts, outline mitigative measures that will be employed to control dust generation, and detail the inspection and recordkeeping required to demonstrate that fugitive dusts are being effectively managed.	7.3.1.3	E	MOE	EPA	-	-
		3.	Sound will be monitored during construction, operations and active closure phases consistent with Ministry of the Environment (MOE) requirements	T-10	C,O,D	MOE	EPA	-	-
		4.	New Gold (NG; previously Rainy River Resources) expect that the monitoring required will include: total suspended particulate (TSP) and metals on the TSP size fraction, PM10, dustfall and passive monitoring for NO ₂ and SO ₂ . NG commits to conducting this monitoring which is also expected to be an approval requirement.	T-67	C,O,D	MOE	EPA	-	-
		5.	The best management plan related to fugitive dust management, source control and operational constraints required by the Provincial Environmental Compliance Approval will be provided to Environment Canada (EC) for review and will be fully implemented prior to the construction phase.	B-14	E	MOE, EC	EPA	Prior to construction	BMP to be provided to EC
		6.	A transboundary notification under the <i>Canada - U.S. Air Quality Agreement</i> will be filed prior to operation.	T-44	C	EC	<i>Canada - U.S. Air Quality Agreement</i>	Prior to operations	-
		7.	Planning measures aimed at reducing fuel and power consumption for the RRP site include the following: <ul style="list-style-type: none"> Using larger, more fuel efficient trucks for material transport; Using optimum insulation in buildings to reduce heat loss and heat recovery from equipment where practical; and Maintaining site equipment and vehicles in good working order through regular preventative maintenance. 	7.3.2.3	C,O,D	NS	EA	-	-
		8.	Monitoring of air quality will occur during construction, operations and active closure phases per Section 13.1.1 of the Final EA Report.	T-10	C,O,D	MOE	EPA	-	-
Sound and vibration		9.	Sound mitigation measures will be used, such as selection of quieter equipment. Implementation of sound abatement strategies to dampen sound infiltrating habitats and migratory bird leks surrounding high traffic areas of the mine.	7.4.1.3, 7.12.3, 7.14.3, 7.15.2.3, 7.15.3.3, 7.16.3, 7.18.4.1	C,O,D	MOE, MNR	EPA, ESA	-	-
		10.	Should the final equipment selections determine through detailed engineering and sound level assumptions vary materially from those presented in the Environmental Assessment (EA), an updated assessment with the new information will be prepared as part of the detailed design and approvals application(s) for the RRP.	7.4.1.3	E	MOE	EPA	-	-
		11.	The maximum charge size per delay for blasting is limited to 1,000 kg as the vibration and overpressure mitigation option. If the charge size is larger than 1,000 kg per delay, the vibration and overpressure levels emanating from RRP blasting operations will be reassessed in a detailed study to confirm that the predicted levels are within guideline limits.	7.4.2.3	C,O	MOE	EPA	-	-
		12.	NG will continue to work actively with local residents throughout the period of mine construction, operation and active closure to further manage and reduce any disturbances due to air and sound emissions to the extent possible, as well as for other effects.	7.18.4.3	C,O,D	NS	EPA	-	-

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Fish and Fish Habitat	Pinewood River, Minor Creek Systems	13.	Collectively and individually, the processes and water management strategies proposed for the RRP are Best Management Practices and/or Best Available Technology Economically Achievable (BATEA), and NG has committed to the use of such processes and water management strategies in the Final EA Report. Examples of such BATEA committed to by NG: <ul style="list-style-type: none"> • Use of the in-plant SO₂/Air process for cyanide destruction and metal precipitation, as well as to extended post SO₂/Air treatment effluent aging in the tailings management area (TMA) and water management ponds, followed by constructed wetland treatment; • Detailed plans and designs to manage potentially acid generating rock (PAG) on site, including ongoing progressive reclamation at the stockpile to limit acid generation, with drainage from this stockpile reporting to the mine rock pond, for re-use as part of the mill process water supply thereby reducing fresh water requirements. Dissolved metals associated with east mine rock stockpile drainage would ultimately report to the process plant SO₂/Air and hydroxide precipitation circuit, and then to tailings; • Use of emulsion and/or emulsion blend explosives as a means of limiting ammonia residuals from the use of blasting agents at source; and • Collection of site runoff and seepage as per Metal Mining Effluent Regulations (MMER), and to maximize the use of near 100% contact water recycle for the processing plant water supply. 	T-19, MOE Follow Up Commitment	C,O,D	MOE, EC	EPA, MMER	-	-
		14.	Surface water runoff will be diverted from entering the pit or flowing through stockpiles by ditching or other means.	4.3.2.2, 4.6.2, 4.12.7, 4.12.7.2, 4.12.7.4	C,O	MNR, DFO	LRIA, FA	-	-
		15.	Open pit dewatering water will be contained and if necessary, treated before it is discharged to the environment.	4.3.2.2, 4.5, App W-1	C,O,D,P	MOE	EPA, OWRA	-	-
		16.	In regards to final reclamation, the open pit will be flooded at closure to create a pit lake either passively through natural groundwater entry and precipitation inputs; or by active enhanced flooding. Discussions will be held with the various government agencies to determine the optimal balance between maintaining Pinewood River flows and filling the open pit on an expedited basis.	4.19.1, 7.6.1.3 App E App W-1	D,P	MNDM, MOE	OWRA, MA	-	-
		17.	Enhanced pit flooding using the West Creek source is not under consideration by NG and has been clarified in the Draft Closure Plan submitted for review, pending discussions and further direction from various government agencies.	MNR 52 MM	No longer proposed	DFO, MNDM	MA	-	-
		18.	Pit lake water quality will be monitored regularly as part of the post-closure monitoring program.	MNR 54 MM	P	MDNM, MOE	EPA, MA	-	-
		19.	Should it be determined that future treatment is needed for stockpile runoff / seepage and overflow from the pit at closure, passive treatment options would be fully considered during the detailed design stage.	BGRFN 18	D,P	BGRFN	MA, EPA	-	-
		20.	Ditches (and ponds as appropriate), will be established around the stockpiles to collect and manage runoff. Diversions will be sized to convey the environmental design flood. All sedimentation ponds will be designed with a retention period to meet the MMER discharge requirement for total suspended solids. The design criteria for perimeter ditching in this area (east mine rock stockpile and low grade ore stockpile) has been increased to the 100-year return period condition, as these stockpiles will contain PAG materials.	4.3.3, 4.6.2, 4.12.7, 7.21.3, 9.2.5.2 App W-1, T-26	C,O,D	EC	MMER	-	-
		21.	The retention time for sediment ponds 1 and 2 has been increased to 12 days, subject to review and acceptance by the MOECC.	T-27	C,O,D	MOE	OWRA, EPA	-	-
		22.	PAG mine rock (and ore) will be managed, with drainage from the PAG mine rock and ore stockpile reporting to the mine rock pond, for re-use as part of the process plant water supply.	MOE Follow Up Commitment	C,O	MOE	OWRA, EPA	-	-

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		23.	<p>The deepest local till layer resting directly on bedrock contains PAG material and will be visually segregated and treated as PAG material unless otherwise determined, and will be stockpiled within the east mine rock stockpile, or disposed of in a manner where acid rock drainage (ARD) potentials will be controlled. A detailed mine rock segregation program / management strategy will be developed around the distribution of non-potentially acid generating (NPAG) and PAG materials, and a program of ongoing testing to be carried out during mining operations of the mine rock being removed.</p> <p>NG proposes to utilize visual and geochemical data to identify that portion of the till overlying the bedrock which requires handling as PAG material, based on the characteristics of the clasts (loose stones) contained therein. Segregation is commonly utilized and MEND 5.4.2d (MEND Manual, Volume 4, Prevention and Control) indicates that segregation is applicable where a clean separation can be made and where a disposal location is available for the PAG material – both of which apply to the RRP. This PAG till would be treated as PAG material and would be directed to the east mine rock stockpile for disposal along with PAG mine rock.</p> <p>NG is conducting a detailed sampling and analysis program of the overburden within the pit area. The study will be used to delineate the thickness of till over the bedrock that may contain locally derived PAG rock materials so that these materials can be segregated during operations and placed into the East Mine Rock stockpile, or otherwise maintained in a saturated condition.</p> <p>Periodic confirmation analysis will be conducted during the (open pit) stripping program to ensure that the initial interpretation of the thickness of till requiring handling as PAG remains accurate.</p> <p>A draft mine rock and overburden management plan was submitted with the Draft Closure Plan that will be finalized and submitted with the Final Closure Plan for filing with the Ministry of Northern Development and Mines later in 2014. It will also be provided to EC per their request. The plan will be revised during operations if necessary to ensure it remains current and as part of future Closure Plan amendments.</p>	4.6.2, T-32 (and Table C, C-1; Annex 1, MNDM-1); T-39	E,C,O	MNDM	MA	-, later in 2014	-
		24.	<p>Geochemistry monitoring:</p> <ul style="list-style-type: none"> Runoff and seepage related to tailings and stockpiles will be monitored as per surface and groundwater monitoring; Blast hole sampling from open pit operations for mine rock segregation will be carried out throughout the open pit operations phase; Tailings samples will be collected at regular intervals during the mine operations phase; and Field trials will be carried out during all or a portion of the mine construction and operations phases as required to generate data need to confirm modeling results. 	T-10	E,C,O,D	MNDM	MA	Field trials during construction and operation	-
		25.	PAG material would only be used for fill material in areas where it can be maintained in a saturated state to exclude oxygen and inhibit sulphide oxidation. These uses may include underground backfill and construction of the upstream portion of the TMA dams.	MOE-GW12(Rev)	C,O	MNDM	MA	-	-
		26.	Progressive rehabilitation of mine rock and overburden stockpiles will be undertaken where practical once the maximum height of each stockpile has been reached and/or as each lift is completed.	4.3.2.1, 4.19.2, 7.8.3, App E	O	MNDM	MA	-	-
		27.	Encapsulation of the east mine rock stockpile under a multi-layered cover is proposed with a long term goal of controlling ARD.	4.19.2	O,D	MNDM	MA	-	-
		28.	As part of the geochemical characterization studies for the project, NG committed to an extended monitoring period of kinetic cells to both demonstrate and continue to evaluate the robustness of the geochemical results.	T-40	C,O	MNDM	MA	-	-
		29.	The run-of-mine stockpile is the temporary, working stockpile for the processing plant; the low grade ore stockpile is proposed to be depleted during the latter part of operations. As a contingency only, it is proposed that should an ore stockpile remain at closure, it will be managed similar to PAG in the East Mine Rock Stockpile with a multi-layer cover and seeded. Runoff and seepage will be directed to the open pit as part of the passive water management system.	MNR 50 MM	C,O,D	MNDM	MA	-	-
		30.	Site runoff and seepage will be collected, managed and treated per the Provincial and MMER requirements.	MOE Follow Up Commitment	C,O,D	EC, MOE	MMER, OWRA, EPA	-	-

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		31.	The overall site footprint and watershed capture will be minimized to the extent practical, so as to minimize the quantity of runoff and seepage requiring treatment and management.	MOE Follow Up Commitment	E,C,O	MOE	EA; OWRA	-	-
		32.	West Creek pond and West Creek diversion flows will be measured on a continuous basis using water level transducers, supported by monthly manual measurements during the winter period, when transducer results experience interference caused by ice pressure.	T-9	C,O	MOE	OWRA, EPA	-	-
		33.	The West Creek pond will only contain natural, non-contact water. The West Creek diversion channel will be kept separate from the constructed wetland downstream of the tailings management area, so as not to mix the natural creek water with excess water discharged from the tailings management area.	4.12.4, 7.5.1.3, App W-1	C,O,D,P	NS	EA	-	-
		34.	West Creek Diversion will be positioned far enough from the pit perimeter to ensure integrity and stability and is expected to provide like-for-like fish habitat replacement.	4.3.2.2, 4.12.7.4	C,O,D,P	MNR, DFO	LRIA, FA	-	-
		35.	The West Creek diversion will be permanent, and there is no further consideration being given to diverting any flows from this creek into the open pit to help accelerate pit flooding at or following closure.	T-65	No longer being considered	MNR, DFO	LRIA, FA	-	-
		36.	There will be secondary containment in place for tailings and contact water pipelines at the crossing of West Creek.	T-34 (and MNR 45 MM)	C,O	CEA Agency, MNR	EA	-	-
		37.	A reliable water source for process plant operations and ancillary uses will be generated by maximizing the rate of water recycled to the process plant. Water demands are expected to be met by capturing and reusing the effluents and contact water within the site footprint.	4.12.2, 7.6.3, App W-1	O	MOE	OWRA	-	-
		38.	Water will be taken from the Pinewood River for the purpose of developing an initial water inventory, only during the construction phase. NG does not intend to take water directly from the Pinewood River thereafter, except possibly for contingency purposes.	4.12.2, App W-1	C,O	MOE	OWRA	-	-
		39.	Water recycle will be maximized, using approximately 100% water recycle for the processing plant water supply.	MOE Follow Up Commitment	O	MOE	EPA, OWRA	-	-
		40.	Local area lakes will not be used for process water supply for the RRP.	MNR 79 RH	No longer being considered	MNR	EA	-	-
		41.	All process reagents and materials, and wastes, will be handled and stored responsibly, according to supplier and safety guidance, regulatory requirements and industry best practices.	4.7.6, 4.7.7, 4.13, 4.14, 9.3.5.2, 9.3.8, 9.3.9.2	C,O,D	NS	EA	-	-
		42.	Any chemical spills within the process plant / chemical storage areas will be controlled through provision of secondary containment as appropriate, and will not enter the environment. Spills of potentially hazardous materials during transport, or from on-site material storage and handling facilities will be managed. Measures will be taken to prevent and clean up any hydrocarbon spills (and other spills) at source to ensure such materials do not enter surrounding waters as practical. Spills will be reported to the MOECC and other appropriate agencies per the requirements of the Ontario Environmental Protection Act.	4.5, 4.13, 7.21.1.3, 7.21.3, 9.3.4.2, 9.3.5.2, 9.3.6.1	C,O,D	NS	EA	-	-
		43.	The TMA dams will meet strict regulatory requirements including the requirements of the Provincial <i>Lakes and Rivers Improvement Act</i> and will be constructed to withstand the probable maximum flood and maximum credible earthquake. A remedial action plan would be developed in consultation with appropriate government agencies in the event of dam breach.	9.2.4.2, 9.2.4.3, App W-1	C,O	MNR	LRIA	-	-

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		44.	Runoff and seepage from the TMA and stockpiles will be captured, monitored, and either released to the environment if applicable criteria are met and/or re-used in the process plant during operations. Cyanide and metal concentrations in the tailings management area seepage and all treated effluent discharges to the environment will be controlled through the use of in-plant cyanide destruction and heavy metal precipitation, augmented by extended effluent aging in the tailings management area ponds.	4.3.2.2, 4.6.2, 4.12.7, 4.12.7.2, 7.21.3, AppW-1	O	EC, MOE	MMER, OWRA, EPA	-	-
		45.	All active pipelines will be inspected twice per 12 hour shift and informally at other times. Should flow unexpectedly lessen or stop in a pipeline, an inspection will be immediately conducted.	9.3.3.2	C,O,D	NS	EA, OWRA	Twice per shift	-
		46.	The exposed tailings beach will be covered at closure with a layer of overburden, with flooding of the remaining tailings with a layer of water to prevent the tailings from oxidizing over the longer term. This will ensure that the tailings pond water remains of high quality, such that it will not pose a threat to wildlife.	4.19.3, 7.10.3, App E	O,D	MNDM	MA	-	-
		47.	NG commits to maintaining the deposited tailings during the post closure period in a saturated condition in perpetuity to prevent the generation of ARD. NG also commits to developing and completing a monitoring plan which evaluates the integrity of the cover system (e.g. low permeability overburden zone) and the continuous saturation of the tailings.	Table 2: Hydrology T-37 B-26	P	MNDM, EC	MA	-	-
		48.	The thickness and maintenance of water cover over the tailings management area will be clarified in the Closure Plan.	C-5, C-6 (Annex 1, MNDM-11, -12, -15)	E	MNDM	MA	-	-
		49.	<p>A detailed monitoring plan will be developed as part of the Provincial closure planning process to ensure that the deposited tailings solids remain permanently saturated in the post-closure condition. This plan will include consideration of the low permeability overburden perimeter cover bordering the tailings dams to ensure that the deposited tailings beneath the perimeter overburden cover remain saturated, or alternatively that the overburden zone cover itself remains sufficiently saturated so as to prevent oxidation of the underlying tailings.</p> <p>The monitoring program will consist of the following principal elements:</p> <ul style="list-style-type: none"> Establishment of a field trial to simulate the performance of the low permeability cover, with initiation during the development phase and monitoring during operations to support the closure design to ensure saturation levels in the cover and underlying tailings to confirm, or modify, design criteria; Survey of the final tailings surface prior to flooding for closure, with results of the survey tied to TMA dam crest elevations and the spillway invert elevation; Establishment of a water level monitoring station within the tailings pond, near to the spillway, with measurements to be taken at regular intervals; Establishment of a series of piezometers positioned around the TMA overburden zone perimeter that would measure water levels within both the overburden and the underlying deposited tailings, with such piezometers to be fitted with data loggers that would take continuous water level measurements at approximately daily intervals; Updating the hydrological data for analyses of the TMA basin at a point approximately two years prior to implementing final closure of the TMA to confirm, or modify, applicable water balance parameters; Undertaking an updated review of climate change scenarios at a point approximately two years prior to implementing final closure of the TMA to confirm, or modify, anticipated future hydrological conditions related to climate change scenarios; and Annual reviews of water cover performance. 	T-37	E,O,D,P	MNDM, EC	MA	-, Two years prior to closure	-

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		50.	In the event that observed water levels within the TMA pond were to decline to a level where there was a risk of the deposited tailings solids becoming partially unsaturated for extended periods, the available contingencies to mitigate that condition would be the following: <ul style="list-style-type: none"> Periodically pump water from the Pinewood River during spring freshet, or during other high water periods, to maintain the TMA post closure water cover within an optimal zone (alternatively water could be periodically pumped to the TMA from the upper water column of the flooded open pit – pending suitable water quality); Raise the spillway invert to further increase the depth of the TMA water cover (this action would require a widening of the spillway to continue to allow for passage of the probable maximum flood); or Raising the dam crest, as well as the spillway invert to further increase the depth of the TMA water cover. <p>In development of the above contingencies, trigger levels would be developed for implementation of the contingencies.</p>	T-37	O,D,P	MNDM, MOE, EC	MA, EPA, OWRA	-	-
		51.	Mitigation measures that will be used to reduce potential adverse effects to the Pinewood River aquatic system will include the following: <ul style="list-style-type: none"> Extensive contact water recycling for process plant needs to reduce overall water demands and to minimize final effluent discharge volumes to the Pinewood River; Use of SO₂/Air treatment for cyanide destruction and heavy metal precipitation in the process plant followed by extended effluent aging in the tailings management area pond and in the water management pond to achieve the highest quality effluent reasonably achievable; Use of a constructed wetland system for final effluent polishing of a major portion of the discharge; Management of the site for ARD control during operations and following closure to prevent adverse water quality impacts to the Pinewood River; The Fisheries and Oceans Canada (DFO) Freshwater Intake End-of-Pipe Guidelines will be followed as mitigation for potential fisheries effects associated with water intakes; Construction of the Pinewood River Highway 600 re-alignment crossing (bridge or culverts) in a manner that does not restrict fish passage; Maintaining current fish habitat productivity; and Implementation of an extensive monitoring plan for water quality and flow discharges, and receiving water aquatic life and habitat. 	7.6.3, MOE-SW-1 (Rev), MOE Follow Up Commitment	C,O	MOE, MNDM, MTO, DFO	EPA, OWRA, MA, MTO permits, FA	-	-
		52.	All final discharge points will have a point of control to immediately cease discharge. A control structure will be constructed at the discharge point of the treatment wetland to be in compliance with MMER. All discharge locations will be regularly sampled in accordance with environmental approval requirements and will provide insight as to ongoing treatment system performance.	4.12.1, 7.21.3, 9.4.1.2, T-30	C,O	MOE, EC	OWRA, EPA, MMER	-	-
		53.	NG acknowledges the need to meet effluent criteria for any discharge to the environment. Excess water discharged to the environment will meet applicable Federal and Provincial guidelines for the protection of aquatic life, or other scientifically defensible alternatives, in the receiver, as well as any site-specific approval requirements.	4.5, 4.12.1, 4.14, 7.5.1.1, 7.6.1.2, 7.21.3, 9.4.1.2 App W-1, MOE-SW-8, D-18	C,O,D,P	MOE, EC	OWRA, EPA, MMER	-	-
		54.	Minimize the number of final effluent compliance points as reasonable.	MOE Follow Up Commitment	E,C,O,D,P	MOE, EC	OWRA, EPA, MMER	-	-
		55.	NG agrees to work with the MOE to develop a mutually acceptable minimum flow threshold, below which water from the Pinewood River would not be taken to build up the initial water inventory to support processing plant start up operations. Subject to approval(s), NG is proposing spring and open water flow thresholds of 10,000 m ³ /d and 5,000 m ³ /d, respectively, below which direct water taking from the Pinewood River downstream of McCallum Creek, would temporarily cease until river flows recover. The application of such flow restrictions would be based on day to day prorated flow data obtained from Water Survey of Canada (WSC) Station 05PC023.	MOE Follow Up Commitment	E,C,O	MOE	OWRA	-	-

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		56.	The appropriateness of the use of the WSC station will be assessed as part of the operations planning, and if this station appears unsuitable, a separate dedicated flow monitoring station will be set up, either independently, or in association with the WSC.	T-23	E,C	MOE	OWRA	-	Coordination with WSC
		57.	Optimize the timing and positioning of final effluent discharges to the Pinewood River so as to limit the potential for adverse flow effects to the river.	MOE Follow Up Commitment	C,O,D	MOE	OWRA, EPA	-	-
		58.	Subject to approval(s), NG is proposing to operate the final effluent discharge from both the Constructed Wetland and the pipeline discharge from the Water Management Pond, such that a minimum 1:1 receiver to final effluent mixing ratio would be maintained in the Pinewood River, with the understanding that receiver to final effluent mixing ratios of greater than 1:1 would be the norm.	MOE Follow Up Commitment	O,D	MOE	OWRA, EPA	-	-
		59.	NG commits to the discharge of effluents to the Pinewood River in a manner that will achieve rapid mixing within the river. If future operational monitoring shows that effective receiver mixing is not attained, NG commits to implement additional measures to enhance mixing to a level which is mutually acceptable to the MOE and NG. Such additional measures could include the use of rock groynes placed on either side of the channel to force mid-channel mixing, and use of boulder clusters to increase flow turbulence within the mixing zone.	MOE Follow Up Commitment	O	MOE	OWRA, EPA	-	-
		60.	Scheduling of RRP development activities will consider environmental aspects, such as fish spawning.	T-45	E,C	MNR, DFO, EC	LRIA, FA, other	-	-
		61.	A No Net Loss Plan and compensation strategy will be developed and implemented by NG to create new like for like habitats as project compensation and/or enhance existing restoration programs, to offset the RRP habitat losses.	7.5.3, 7.5.4, App X-1, X-2, X-3	E,C	DFO	FA	-	-
		62.	Except where aquatic habitat will be overprinted (and compensated for as part of Fisheries and Oceans Canada authorizations) for project development, a 120 m buffer zone will be maintained adjacent to rivers and creeks to the extent practical, to protect watercourses and their associated vegetated margins.	7.11.3	C,O	MNR, DFO	FA	-	-
		63.	Fish flesh and fish organ tissue samples from the Pinewood River have been analyzed for metals for walleye and northern pike in the baseline condition. A commitment has been made to continue to monitoring metals in these two fish species after mine start-up. Should there be future evidence to show that fish are being taken from the Pinewood River on a more regular basis and prepared as a food source, NG would be pleased to work with these fishermen to collect and analyze a reasonable sampling to reflect any applied methods of food preparation.	T-15	O,D	CEA Agency	EA	-	-
		64.	Fish tissue (dorsal muscle tissue and livers) sampling will include both northern pike and walleye. If contaminant concentrations increase over time, potential consumers and the applicable Provincial departments (MOE and Ministry of Natural Resources; MNR) would be informed and information related to increased health risks (if any) would be provided, as suggested.	T-15 (and Table 2, T-15)	O,D	MOE, MNR, CEA Agency	EA, OWRA	-	-
		65.	Specific erosion and sediment control measures and their locations will be provided in the permit application documents once detailed design is completed to avoid direct impacts to fish during the mine construction phase.	MNR 25 CM	E,C	MNR, DFO	LRIA, FA	-	-
		66.	Pond dams will be inspected at a regular interval by site employees for any visible signs of concern and particularly during and after major storm events. They will also be inspected periodically by a qualified geotechnical engineer at an interval that meets regulatory requirements at a minimum.	9.2.5.2	C,O,D,P	MNR, DFO	LRIA, FA	-	-
		67.	Surface water: to be monitored during construction, operations and active closure phases, with post active closure monitoring expected to continue for a decade (or more) at reduced frequencies pending ongoing analysis of data	T-10	C,O,D,P	MOE, MNDR, EC	OWRA, EPA, MA, MMR	-	-
		68.	Proposed (subject to modification to ensure participation and data sharing is adequate to meet the expectations of Aboriginal groups) surface water sampling program would include a First Nation training component followed by a rotating schedule whereby a First Nation representative would accompany NG staff on the monthly surface water sampling program. Laboratory results will be received by NG, reviewed and submitted to the identified individuals of each participating First Nation along with a summary explanation.	T-4	C,O,D,P	CEA Agency	EA	-	-
		69.	Sampling of sediments will take place to evaluate soil quality parameters prior to undertaking any further closure activities for any contact water ponds and drainage works (including stockpile sediment ponds) where breaching is proposed.	MNR 62 MM, MNR 64 MM	D	MNDR	MA	-	-
		70.	NG staff is willing to describe the ongoing water quality program and provide freshet data on request. The water management plan for the RRP provides for the management of all site contact waters in accordance with accepted industry standards including periods of high runoff, and sequences of high precipitation years.	BGRFN 23	E	BGRFN, MOE, EC	EPA, MMR	-	-

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		71.	There will be no sediment ponds associated with the aggregate pit(s).	T-31	No longer being considered	CEA Agency	EA	-	-
		72.	Related to the transmission line: <ul style="list-style-type: none"> Tree stumps, root mats and ground vegetation cover will be left intact to reduce the potential for surface erosion and to help maintain groundcover for plant and wildlife habitat; Vegetation (shrub) screens will be left to the extent practical along the single creek crossing that exists between Beadle and Preachers Lake, near the east end of the alignment, for erosion protection, while ensuring clearance requirements for conductors; No in-water work will be conducted and all poles will be placed above the high water mark; Industry standard sediment interception and erosion control practices will be applied wherever appropriate / needed; Should any erosion of the ground be identified at the end of the construction period (or during any intervening inspections), the exposed area would be re-seeded or otherwise stabilized to control erosion until native vegetation takes hold. If the erosion is more severe, other methods such as placement of straw matting or equivalent will be used; Where required in larger quantities, construction materials will be stored a minimum distance of 200 m from any open (non-frozen) surface water, and from major access points; and Fuelling and maintenance of vehicles will not occur within 50 m of surface waterbodies. 	MNR Transmission Line Alternatives Assessment	C	MNR	PLA, LRIA, CFSA	-	-
		73.	As a result of the independent First Nation review of the Final Environmental Assessment report, NG committed to a joint water quality monitoring and reporting program with the area First Nations (including Big Grassy River First Nation; BGRFN) as part of the existing monthly water quality monitoring program which is currently carried out by NG. The program will be funded by NG and form an integral part of the overall environmental management program as it relates to First Nations traditional knowledge and assurances of maintaining water quality and by extension, aquatic biota protection. The program will be developed jointly with the First Nations in lead-up to the initiation of mine construction. (Letter to Chiefs from Kyle Stanfield, October 2013).	Table 3-4, D-2	C,O,D,P	AC, CEA Agency	EA	-	Dialogue with BGRFN
		74.	NG has committed to provide a program of close coordination with Rainy River First Nations in support of the pre-existing First Nation Watershed Program and water quality protection. Company funding will be provided as part of the fisheries compensation program to further water quality enhancement programs for the Pinewood and similar agriculturally impacted waterways.	D-7, D-17	C,O,D,P	DFO	FA	-	Coordination with Rainy River First Nations
		75.	To help limit the exposure of potentially acid generating materials to this base drainage through the former Clark Creek channel zone, a layer of non-potentially acid generating rock will be placed in the former creek channel bed area.	T-33	C,O	MNDM	MA	-	-
	Groundwater	76.	Groundwater: to be monitored during construction, operations and active closure phases, with post active closure monitoring expected to continue for a decade (or more) at reduced frequencies pending ongoing analysis of data.	T-10	C,O,D,P	MOE, MNDM	OWRA, EPA, MA	-	-
	Groundwater	77.	A groundwater level (flow) and quality monitoring program of regular sampling and dipping of dedicated monitoring wells will be implemented to confirm that no area wells are affected by the mine. Furthermore, local well owners will be asked to participate in a well water quality program to monitor water quality in their wells.	Public Comment	C,O,D,P	MOE	OWRA, EPA	-	-
	Groundwater	78.	If water quality or availability in local wells is compromised (by the RRP), NG is obligated to replace the system or offer water treatment systems to rectify issues related to water quality or availability shown to be caused by the mine.	Public Comment	C,O,D,P	MOE	OWRA	-	-
	Groundwater	79.	If local artesian wells stop flowing (related to the RRP), NG will need to provide and install a pump to replace the artesian flow used by the homeowner.	Public Comment	C,O,D,P	MOE	OWRA	-	-
	Groundwater	80.	A number of groundwater monitoring wells will be placed around the TMA and east mine rock stockpile and pond areas, as shown in Figure 13-3 of the Final EA Report. This groundwater monitoring network may be amended or expanded through the MOE approvals process. Water levels in these monitoring wells will be measured continuously with data downloaded semi-annually. Groundwater samples will be collected quarterly, as described in Section 13.6 of the Final EA Report.	T-35	C,O,D,P	MOE	OWRA, EPA	-	-

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		81.	Mitigation measures that will be used to reduce potential effects on groundwater include the following: <ul style="list-style-type: none"> Returning captured groundwater indirectly to the Pinewood River (after treatment and testing if necessary) during the period of mine operations to minimize potential flow effects to the river, especially during naturally occurring, low flow conditions; Using in-plant SO₂/Air treatment for cyanide destruction and heavy metal precipitation to optimize the quality of groundwater seepage associated with the tailings management area during operations and following mine closure; Managing the site for ARD control, both during operations and following closure to prevent adverse water quality impacts to the Pinewood River, including that associated with any groundwater seepage; Accelerating open pit inflow following mine closure, to the extent practicable, balancing the need for managing water quality and maintaining Pinewood River flows over the interim period until the pit can be completely flooded; and Implementing a monitoring plan for water levels, water quality and flow discharges, and receiving water aquatic life and habitat maintenance. 	7.7.3	E,C,O,D,P	MOE, MNDR	OWRA, EPA, MA	-	-
	Vegetation communities and rare plants	82.	Monitoring of key terrestrial systems and Species at Risk (SAR) will occur during the construction and operations phase, with post closure habitat development and utilization by wildlife to continue at reduced frequencies consistent with SAR Permit requirements.	T-10	C,O,D,P	MNR	ESA	-	-
		83.	Puffballs: NG and AMEC would be happy to receive photos and/or samples of this species and have AMEC experts identify it. If AMEC experts are unable to identify the species they will consult with staff at the Royal Ontario Museum or the Canadian Museum of Nature.	Public Comment	E,C,O	P	EA	-	-
		84.	Rare plant surveys are proposed to be carried out along portions of the preferred transmission line corridor in late Spring / early Summer, 2014. Prior to transmission line construction, additional data collection will be undertaken for that portion of the proposed transmission line routing (Alternative A) west of Highway 71, where there is a baseline data gap for rare plants surveys. This additional data collection will be undertaken to support transmission line permitting, and would consist of the following activities, spread across a 2 km corridor (1 km on either side the transmission line): transect surveys for vegetation communities including surveys targeting the presence of rare plant species. Results will be made available to MNR once the report is complete and the report will be referred to in the Errata.	MNR 6 CM, 7 CM; MNR Transmission Line Alternatives Assessment	E	MNR	To inform the EAA, PLA	May / June 2014	Report to MNR when complete
		85.	The principal mitigation measures that are proposed to limit short and long term adverse effects to local vegetation communities include: <ul style="list-style-type: none"> Minimizing dust production along primary mine rock and overburden transportation routes by implementing dust suppression methods and thereby minimizing the zone of influence. Primary dust suppression methods will include road watering. Annual monitoring of dust deposition on vegetation adjacent to mine roads; and Active revegetation and encouragement of natural revegetation / recolonization of disturbed areas as part of progressive reclamation during operation and active reclamation at mine closure. 	7.8.3	C,O,D	NS, MOE	EA, EPA	-	-
		86.	In regards to the transmission line: <ul style="list-style-type: none"> Additional rare plant and breeding bird surveys to be undertaken in May and June, 2014 to identify any further potential environmental constraints that might require construction modification, such avoidance of disruption to rare plant sites (if present) through site specific habitat protection measures; Undertaking transmission line construction in winter (normally December 1 to March 31) to better protect ground cover in sensitive areas where the protection of wetlands, rare plants and SAR is required, and completion of the remainder of transmission line construction in the late summer and fall, outside of the breeding bird season; Vegetation removal will be reduced to the extent necessary to support construction activities and longer-term transmission line reliability (from interference with conductors and fall of adjacent hazard trees). Minimizing vegetation removal includes retaining existing low vegetation ground cover; Access to the right of way (ROW) will be provided from existing infrastructure (some of which may need to be upgraded, as reasonable for personnel, material and equipment access), but no new permanent access roads are proposed. Generally, where access is poor, the ROW will be accessed along the ROW itself. Construction vehicles will not be allowed to travel through surface waters; and Mechanical means will be used for periodic vegetation height maintenance along the transmission line, instead of herbicides. 	MNR Transmission Line Alternatives Assessment	E,C	MNR, MTO, EC	To inform the EAA, PLA, MTO permits, MBCA	May / June 2014, -	-

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Ungulates, Furbearers, Bats, Amphibians (see also SAR)		87.	Scheduling of RRP development activities will consider environmental aspects. Clearing of forests having a density of at least 10 cavity trees per hectare with a diameter at breast height greater than 25 cm will be limited to outside of the bat roosting season (April 1 to November 15) unless cleared by a bat biologist that has surveyed the trees for bat activity. Timing of the transmission line construction will be planned to avoid the breeding bird and main tourist season, as possible.	4.16, 4.18, 7.11.3, 7.12.3, 7.15.3.3, 7.16.3	E,C,O	NS	ESA	-	-
		88.	Wildlife awareness information will be included in regular safety and environmental inductions performed by the mine, along with SAR identification and sensitivities, permit conditions and cultural awareness. Wildlife sighting logs or information boards will be installed to notify workers of local bear, wolf or other large mammal or furbearer observations. Workers and contractors will be made aware of seasonal changes in local mammal behaviour or presence in proximity to the mine. Food wastes generated on site will be managed in a manner that limits the attraction of wildlife, such as Black Bear.	7.9.3, 7.10.3, 7.13.3, 7.15.1.3, 7.15.2.3, 7.16.3	E,C,O,D	NS	EA	-	-
		89.	All staff and contractors will be provided with training in animal encounters as part of the site orientation process.	MNR 23 CM	E,C,O,D	MNR	EA	-	-
		90.	Road-killed animals or any other carcasses found onsite will be removed in a timely manner to limit the attraction of wildlife.	7.13.3	E,C,O,D	NS	EA	-	-
		91.	A wildlife monitoring program will record the efficacy of these avoidance measures (will evaluate the effectiveness of the methods implemented) and annual reporting to EC and the MNR will provide the information requested by the reviewer. NG will provide opportunities to Aboriginal groups to receive the annual reports.	T-45	C,O,D	CEA Agency	EA	-	Aboriginal groups provided opportunities to receive annual reports
		92.	A more detailed wildlife follow-up monitoring plan will be developed through consultation with the MNR and EC. As suggested by the reviewer, additional control sites around the periphery of the mine footprint can be developed and monitored following mine construction and periodically throughout mine operations. A draft plan will be issued to MNR and EC prior to commencement of construction. NG will provide opportunities to Aboriginal groups to participate in the development of the plan.	MNR 21 CM, 73 JV	E,C,O	MNR	EA	-	Consultation with MNR and EC in plan development; Aboriginal groups provided opportunities to participate
		93.	The use of exclusion fencing for reptiles and amphibians will be added as a mitigation measure during construction and operations. The placement of fencing will be decided upon through consultation with the MNR and EC.	T-46	C,O	MNR, EC, CEA Agency	EA	-	Consultation with MNR and EC
		94.	In regards to the transmission line: <ul style="list-style-type: none"> Construction crews will be advised not to interfere with or harass wildlife. No hunting or fishing by construction crews will be allowed. Disciplinary actions will be taken should either occur; Contractors will be required to handle food and food wastes in a responsible manner, and to educate workers to ensure no feeding of wildlife; and Should any nuisance wildlife be encountered which pose a risk to construction crews, the MNR will be contacted for direction. 	MNR Transmission Line Alternatives Assessment	C	MNR	EA	-	-

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		95.	<p>The primary mitigation strategies for limiting adverse effects to wildlife will include:</p> <ul style="list-style-type: none"> Preventing hunting from occurring on all lands owned by NG (required for the safety of workers; this is currently ongoing during exploration as well); Maintenance to the extent practical of a 120 m buffer zone adjacent to rivers and creeks to protect watercourses and their associated vegetated margins; Restoration of disturbed habitats at closure, including the development of habitats capable of supporting a diversity of wildlife species, including ungulates, large predators, furbearers and bats; Enforcement of speed limits along proposed mine access roads to reduce the potential for collisions with ungulates. Signs warning drivers of the possibility of wildlife encounters will be posted in areas of high wildlife activity. A log of collisions will be kept to monitor the effectiveness of the proposed mitigation and additional mitigation measures will be implemented if necessary; Inclusion of wildlife awareness information into regular safety and environmental inductions performed by the mine. Workers and contractors will be made aware of seasonal changes in local deer or large mammal behaviour or presence in proximity to the mine. Workers and contractors will be made aware of seasonal changes in local mammal behaviour or presence in proximity to the mine; Treatment of the tailings slurry to levels equal to or less than 1 mg/L weak acid dissociable cyanide before deposition in the tailings management area (which is well below the 50 mg/L weak acid dissociable cyanide threshold criteria outlined by the International Cyanide Management Code); Fencing the tailings management area to prevent access; Covering the exposed tailings beach at closure with a layer of overburden and flooding the remaining tailings with a layer of water to prevent the tailings from oxidizing over the longer term. This will ensure that the tailings pond waters remain of high quality, such that they will not pose a threat to wildlife. The margins of the tailings pond will develop as wetland habitat; Minimizing dust production along primary haulage routes by implementing dust suppression methods and thereby minimizing the RRP zone of influence; and Disposing of food wastes generated on site in a manner that limit the attraction of wildlife, such as Black Bear and wolves. 	7.9.3, 7.10.3, 7.11.3	E,C,O,D	MOE, MNR, MNM	EPA, ESA, PLA, MA	-	-
		96.	<p>Mitigation measures that will be used to reduce potential adverse effects to amphibians will include the following:</p> <ul style="list-style-type: none"> Development of a compact RRP site to reduce overall habitat loss and to limit potential adverse effects related to sound emissions to the extent practical; Restricting the clearing of terrestrial amphibian breeding habitats to periods outside the amphibian breeding season as directed by the MNR; Implementation of sound abatement strategies to dampen sound infiltrating habitats surrounding high traffic areas of the mine; Enforcement of speed limits along proposed mine access roads to reduce the potential adverse effects of increased vehicular traffic associated with the RRP. Signs warning drivers of the possibility of wildlife encounters will be posted in areas of high wildlife activity. A log of collisions will be kept to monitor the effectiveness of the proposed mitigation and additional mitigation measures will be implemented if necessary; If frog mortality on roadways is found to be a problem along mine access roads or the re-aligned Highway 600, silt fencing may be installed to prevent frogs from crossing the road and may direct them to the nearest culvert(s); Inclusion of wildlife awareness information into regular safety and environmental inductions performed by the mine. Workers and contractors should continually be made aware of seasonal changes in local wildlife behaviour or presence in proximity to the mine; Treatment of tailings slurry containing cyanide and associated heavy metals from the ore leaching process in the process plant using the SO₂/Air process before being discharged to the tailings management area; Discharge of effluent that will result in protection of aquatic life standards in the Pinewood River so that no adverse water quality effects to amphibians are anticipated; Maintenance of generally abiotic conditions within the tailings management area to discourage wildlife presence; and Covering the exposed tailings beach at closure with a layer of overburden and flooding the remaining tailings with a layer of water to prevent the tailings from oxidizing over the longer term. This will ensure that the tailings pond waters remain of high quality such that they will not pose a threat to wildlife. Margins of the tailings pond will be developed into wetland habitat. 	7.14.3	E,C,O,D	MOE, MNR, MNM	EPA, ESA, PLA, MA	-	-

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Birds	Migratory Birds, Raptors and Ravens (see also SAR)	97.	Generally abiotic conditions will be created within the fenced tailings management area during operations to limit the interest of the pond to waterfowl.	7.12.3	O	MOE, MNM	OWRA, EPA, MA	-	-
		98.	Scheduling of RRP development activities will consider environmental aspects, such as fish spawning and bird nesting seasons. Tree and woodland clearing will be restricted to periods outside of the breeding bird season (May 1 to August 15). Clearing or modification of known Trumpeter Swan breeding habitat will be restricted to outside the breeding season (March 15 to August 15).	4.16, 4.18, 7.11.3, 7.12.3, 7.15.3.3, 7.16.3	C	MNR, DFO, EC	ESA, FA, MBCA	-	-
		99.	A monitoring plan will be developed for Common Nighthawk and Eastern Whip-poor-will, in partnership with the MNR, EC and interested First Nation Communities including the standardized information suggested well as a mortality trigger that will be decided upon during consultation with the MNR and EC, and in consideration of conditions under the Net Benefit Permit being developed by the MNR.	T-45	E	MNR, EC	ESA, MBCA	-	Monitoring plan to be developed
		100.	Breeding bird surveys are proposed to be carried out along portions of the preferred transmission line corridor in late Spring / early Summer, 2014. Prior to transmission line construction, additional data collection will be undertaken for that portion of the proposed transmission line routing (Alternative A) west of Highway 71, where there is a baseline data gap for breeding bird surveys. This additional data collection will be undertaken to support transmission line permitting, and would consist of point count surveys for breeding birds between late May and early July, spread across a 2 km corridor (1 km on either side the transmission line). Results will be made available to MNR once the report is complete. NG will provide opportunities to Aboriginal groups to receive the survey results.	MNR 6 CM, 7 CM; MNR Transmission Line Alternatives Assessment	E	MNR	To inform the EAA, PLA	May / June 2014	Results to be provided to MNR; Aboriginal groups provided opportunities to receive report

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		101.	<p>The primary mitigation strategies for limiting adverse effects to birds and habitat:</p> <ul style="list-style-type: none"> • Inclusion of wildlife awareness information into regular safety and environmental inductions performed by the mine. Wildlife sighting logs or information boards will be installed to notify workers of local observations. Workers will be made aware of seasonal changes in local animal behaviour or presence in proximity to the mine; • Minimizing the level of potentially disturbing activities near any known or subsequently discovered active raptor and raven nest sites until the nest is vacated; • Annual monitoring of the Bald Eagle nest in Woodland 122 to determine seasonal eagle activity at the nest site which will guide RRP activities occurring in proximity to the nest. Should eagles continue to use the nest site and raise offspring, work will be adjusted appropriately to reduce adverse effects to the breeding success of the local pair; • Maintenance of a safe distance between RRP activities and the nest as well as maintenance of landscape buffer areas (preferably forested or natural) between the activity and nest trees. To avoid disturbing nesting Bald Eagles, no buffer is necessary around nest sites outside of the breeding season once the juvenile eagles are known to have vacated the defined significant wildlife habitat; • Limiting less typical activities in proximity to the nest site during the nest building and breeding season. The local eagle pair appears tolerant of agricultural activities and road grading; • Environmental induction programs and ongoing environmental updates provided to workers will make them aware of Bald Eagle nesting activities prior to the commencement of new or irregular activities in proximity to an active eagle nest (within 500 m), and having them observe proper protocol in order to avoid disturbance during these activities; • Restriction of tree and woodland clearing to periods outside of the breeding bird season which extends between May 1 and August 15; • Protection of suitable breeding habitat as a result of the provision of compensatory habitat for species protected under the <i>Endangered Species Act</i>; • Restoration of disturbed habitats at closure to habitats capable of supporting a diversity of wildlife species; • Implementation of sound abatement strategies; • Enforcement of speed limits along proposed mine access roads to reduce the potential adverse effects of increased vehicular traffic associated with the RRP. Signs warning drivers of the possibility of wildlife encounters will be posted in areas of high wildlife activity. A log of collisions will be kept to monitor the effectiveness of the proposed mitigation and additional mitigation measures will be implemented if necessary; • Restrictions to clearing or modification of known Trumpeter Swan breeding habitat to outside the breeding season (March 15 to August 15) to prevent the disturbance of nesting swans or impact the likelihood of cygnet survival; • Disposing of food wastes generated on site in an appropriate manner that limits the attraction of wildlife, including Common Ravens, Turkey Vultures and Bald Eagles; • Timely removal of carcasses of road-killed animals or any other carcasses found onsite to limit the attraction of wildlife, such as Common Ravens and Turkey Vultures; and • Treatment of tailings slurry containing cyanide and associated heavy metals from the ore leaching process in the process plant using the SO₂/Air process before being discharged to the tailings management area; and • Creation of generally abiotic conditions within the fenced tailings management area during operations to limit the interest of the pond to waterfowl. 	7.12.3, 7.13.3	E,C,O,D	MNR, EC, MOE, MNM	ESA, MBCA, OWRA, EPA, MA	-	-

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		102.	In regards to the transmission line: <ul style="list-style-type: none"> Additional rare plant and breeding bird surveys to be undertaken in May and June, 2014 to identify any further potential environmental constraints that might require construction modification, such avoidance of disruption to rare plant sites (if present) through site specific habitat protection measures; Tree clearing to take place outside of the breeding bird nesting season, defined as the period from May 1 to July 31; Undertaking transmission line construction in winter (normally December 1 to March 31) to better protect ground cover in sensitive areas where the protection of wetlands, rare plants and SAR is required, and completion of the remainder of transmission line construction in the late summer and fall, outside of the breeding bird season; Direct impacts to raptor nesting areas will be avoided. There are currently no stick nests on or near the proposed ROW. Should any stick nests be identified during construction, the area will be avoided until a qualified avian biologist can be contacted for direction; Conductor wire separation distances will be sufficiently far apart to preclude larger avian species, particularly raptors which frequently use hydro pole for perching or nesting, from electrocution by contacting two conductor wires simultaneously; Construction crews will be advised not to interfere with or harass wildlife. No hunting or fishing by construction crews will be allowed. Disciplinary actions will be taken should either occur; and Contractors will be required to handle food and food wastes in a responsible manner, and to educate workers to ensure no feeding of wildlife. 	MNR Transmission Line Alternatives Assessment	E,C	MNR	To inform the EAA, PLA	May / June 2014, -	-
Federal Species at Risk	SAR: Species protected under the Endangered Species Act and species of special concern and Provincially rare species	103.	The site will be rendered suitable for other compatible land uses and functions after the mine has closed and the land has been reclaimed. NG will encourage and, as practical, actively restore the RRP site to productive, naturalized vegetation communities on cessation of mining capable of supporting a diversity of wildlife species. RRP revegetation efforts at closure will include providing suitable habitat for SAR species, most notably whip-poor-will, and other species of interest, if practical.	4.1, 4.3.2.1, 4.19.1, 4.19.2, 7.8.3, 7.9.3	D,P	MNDM, MNR	MA	-	-
		104.	The RRP footprint has been altered through consultation with the MNR in order to further avoid known whip-poor-will territories where feasible, including maintenance of forest buffers between RRP components and whip-poor-will nesting and foraging habitat where practical. Provide compensatory whip-poor-will habitat that protects known territories and other identified suitable habitat. Where feasible, manage site lighting fixtures to reduce excess light production near whip-poor-will foraging areas, so as to minimize disturbing these nocturnal birds (with all appropriate health and safety issues considered).	7.15.1.3, 7.16.3	E,C,O,D	MNR	ESA	-	-
		105.	NG will implement a monitoring plan for Eastern Whip-poor-will populations and nesting in proximity to the proposed mine and transmission line sites, within compensatory habitat areas. Continue funding external research programs in collaboration with the MNR in order to further our understanding of this poorly studied species, as part of a larger overall benefits compensation package required by the <i>Endangered Species Act</i> permit.	7.15.1.3	E,C,O	MNR	ESA	-	-
		106.	NG will implement a monitoring plan for Bobolink populations and nesting in proximity to the proposed mine site within compensatory habitat areas, and in appropriate control areas - developed through consultation with the MNR. Acquire and protect compensatory open country breeding bird habitat suitable for Bobolink breeding at a ratio of 1:1 for open-country habitat removed for RRP development.	7.15.2.2, 13.7.1, 13.7.3	E,C,O	MNR	ESA	-	-
		107.	NG will identify Barn Swallow nesting colonies prior to mine construction. Establish zones where Barn Swallow colonization is desired, tolerated or not wanted. Create artificial nesting structures to encourage recolonization or new colonization by Barn Swallows in areas where farm structures are removed. Implement a monitoring plan for Barn Swallow populations in proximity to the proposed mine and transmission line sites and in appropriate control areas.	7.15.3.3	E	MNR	EA	Prior to construction	-
		108.	Where feasible, RRP lighting fixtures will be directed in such a fashion as to reduce excess production of light to the surrounding environment (for Common Nighthawk and Short-eared Owl).	7.15.1.3, 7.16.3	C,O,D	NS	EA	-	-
		109.	Monitoring of key terrestrial systems and SAR: during the construction and operations phase, with post closure habitat development and utilization by wildlife to continue at reduced frequencies consistent with SAR Permit requirements	T-10	C,O,D	MNR	EA / ESA	-	-

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		110.	<p>Mitigation measures that will be used to reduce potential adverse effects to Eastern Whip-poor-will will include the following:</p> <ul style="list-style-type: none"> • Provision of compensatory whip-poor-will habitat that protects known territories and other identified suitable habitat; • Restricting the clearing of habitats to periods outside the breeding bird season which occurs from May 1 to August 15; • Implementation of sound abatement strategies to dampen sound infiltrating habitats surrounding high traffic areas of the mine; • Where feasible, management of site lighting fixtures to reduce excess light production near whip-poor-will foraging areas so as to minimize disturbing these nocturnal birds (with all appropriate health and safety issues considered); • Maintenance of forest buffers between RRP components and whip-poor-will nesting and foraging habitat where practical; • Management of dust through dust suppression activities (best management practices); • Enforcement of speed limits along mine-controlled roads to reduce the potential adverse effects of increased vehicular traffic associated with the RRP. Signs warning drivers of the possibility of wildlife encounters will be posted in areas of high wildlife activity. A log of collisions will be kept to monitor the effectiveness of the proposed mitigation and additional mitigation measures will be implemented if necessary; • Environmental induction of RRP personnel, including SAR identification and sensitivities, and knowledge of <i>Endangered Species Act</i> permit conditions; • Implementation of a monitoring plan for Eastern Whip-poor-will populations and nesting in proximity to the proposed mine and transmission line sites, within compensatory habitat areas and in appropriate control areas; and • Continue funding external research programs in collaboration with the MNR in order to further our understanding of this poorly studied species, as part of a larger overall benefits compensation package required by the <i>Endangered Species Act</i> permit. 	7.15.1.3	E,C,O,D	MNR, MOE	EA / ESA, EPA	-	-
		111.	<p>The primary mitigation strategies for limiting adverse effects to Bobolink will include:</p> <ul style="list-style-type: none"> • Restricting the development of open country habitats to periods outside the breeding bird season which occurs from May 1 to July 31; • Acquiring and protecting compensatory open country breeding bird habitat suitable for Bobolink breeding at a ratio of 1:1 for open-country habitat removed for RRP development; • Enforcement of speed limits along mine controlled roads to reduce the potential adverse effects of increased vehicular traffic associated with the RRP. Signs warning drivers of the possibility of wildlife encounters will be posted in areas of high wildlife activity. A log of collisions will be kept to monitor the effectiveness of the proposed mitigation and additional mitigation measures will be implemented if necessary; • Environmental induction of RRP personnel, including SAR identification and sensitivities and knowledge of <i>Endangered Species Act</i> permit conditions; • Implementation of sound abatement strategies to dampen sound infiltrating habitats surrounding high traffic areas of the mine; • Restoration of disturbed habitats at mine closure or encouraging development of habitats capable of supporting Bobolink and other open country species; and • Implementation of a monitoring plan for Bobolink populations and nesting in proximity to the proposed mine site within compensatory habitat areas, and in appropriate control areas. 	7.15.2.3	E,C,O,D	MNR, MOE, MNDM	EA / ESA, EPA, MA	-	-

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		112.	<p>Mitigation measures that will be used to reduce potential adverse effects to Barn Swallows will include the following:</p> <ul style="list-style-type: none"> • Identification of Barn Swallow nesting colonies prior to mine construction; • Restricting habitat displacement for mine infrastructure to periods outside the breeding bird season which occurs from May 1 to August 15; • Creation of artificial nesting structures to encourage recolonization or new colonization by Barn Swallows in areas where farm structures are removed; • Restoration of disturbed habitats at closure or encouraging development of habitats capable of providing suitable Barn Swallow foraging habitat; • Sound abatement strategies will be implemented to dampen sound infiltrating habitats surrounding high traffic areas of the mine; • Establishment of zones where Barn Swallow colonization is desired, tolerated or not wanted. These measures may be necessary to prevent colonization in areas of high human or vehicular activity that would put swallows and swallow breeding success at risk or where order and cleanliness are desired. In this case, discouraging tactics may be implemented to discourage colonization. Conversely, protection may be provided to swallows nesting in other locations where their presence is encouraged and does not cause problems to mine operations; • Enforcement of speed limits along mine controlled roads to reduce potential adverse effects of increased vehicular traffic associated with the RRP. Signs warning drivers of the possibility of wildlife encounters will be posted in areas of high wildlife activity. A log of collisions will be kept to monitor the effectiveness of the proposed mitigation and additional mitigation measures will be implemented if necessary; and • Implementation of a monitoring plan for Barn Swallow populations in proximity to the proposed mine and transmission line sites and in appropriate control areas. 	7.15.3.3	E,C,O,D	NS, MOE, MNDM	EA, EPA, MA	Prior to construction	-
		113.	<p>Mitigation measures that will be used to reduce potential adverse effects to all species of Special Concern and Provincially rare species will include the following:</p> <ul style="list-style-type: none"> • Restriction of principal habitat displacement for mine infrastructure to periods outside the breeding bird season which MNR has indicated occurs from May 1 to August 15; • Implementation of sound abatement strategies to dampen sound infiltrating habitats surrounding high traffic areas of the mine; • Where feasible, RRP lighting fixtures will be directed in such a fashion as to reduce excess production of light to the surrounding environment. • Establishment of zones where Black-billed Magpie colonization is desired, tolerated, or not wanted. These measures may be necessary to prevent colonization in areas of high human vehicular activity that could put magpie and magpie breeding success at risk. Discouraging tactics may be implemented to discourage colonization. Conversely, protection may be provided to magpies nesting in other locations where their presence is encouraged and does not cause problems to mine operations. • Enforcement of speed limits along mine controlled roads to reduce the potential for adverse effects of increased vehicular traffic associated with the RRP. Signs warning drivers of the possibility of wildlife encounters will be posted in areas of high wildlife activity. A log of collisions will be kept to monitor the effectiveness of the proposed mitigation and additional mitigation measures will be implemented if necessary; • Inclusion of wildlife awareness information into regular safety inductions performed by the mine. Workers will be made aware of seasonal changes in wildlife behaviour or presence in proximity to the mine; • Treatment of tailings slurry containing cyanide and associated heavy metals in the process plant using the SO₂/Air process before being discharged to the tailings management area; and • Restoration of disturbed habitats at closure including the development of habitats capable of supporting a diversity of wildlife species, including Species of Special Concern and rare species. 	7.16.3	E,C,O,D	NS, MOE, MNDM	EA, EPA, MA, OWRA	-	-

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Aboriginal groups – Current use of lands and resources for traditional purposes	Land and resource use: related to both traditional and non-traditional use: <ul style="list-style-type: none"> Land use plans and policies; Mineral exploration; Forestry; Agriculture and adjacent residents; Hunting; Trapping; Fishing; and Other outdoor recreational uses. 	114.	Timing of the transmission line construction will be planned to avoid the breeding bird and main tourist season, as possible.	4.16	E,C	MNR, MNDR, EC	PLA, CFSA, MA, MBCA	-	-
		115.	Traditional Knowledge/Traditional Land Use (TK/TLU) data has been widely collected for the RRP, including from the closest communities of BGRFN, Rainy River First Nations and Naicatchewenin First Nation. All TK/TLU sessions were community driven, meaning that the method of data collection was community specific. The majority of the data has been broad and overreaching, which NG will continue to respect as it serves as the basis for Aboriginal Persons unique relationship to the land. TK/TLU collection will continue; information collected will be appropriately considered for construction, operation and closure phases. For example, NG will further investigate the historical travel corridor and incorporate appropriately any new information that may become available. (Letter to Chiefs from Kyle Stanfield, October 2013).	Table 3-4	E,C,O,D,P	AC	EA	-	-
		116.	NG will share results of the TK/TLU data sessions in a non-public First Nations forum(s). (Letter to Chiefs from Kyle Stanfield, October 2013).	Table 3-4	E,C	AC	EA	-	-
		117.	NG has an open invitation for First Nations, the MNO and regional stakeholders to participate in all baseline and environmental monitoring programs, including Whip-poor-will, where appropriate and to share monitoring results. NG will continue to advise of the opportunity at public forums in order to encourage anyone who's interested to participate. (Letter to Chiefs from Kyle Stanfield, October 2013).	Table 3-4	E,C,O,D	AC	EA	-	-
		118.	Additional information related to Lake Sturgeon and the Rainy River First Nations management program as requested, was added to the Final EA Report. NG has committed to a program of close coordination with Rainy River First Nations in support of the pre-existing First Nation Watershed Program and water quality protection. Company funding will be provided as part of the fisheries compensation program to further water quality enhancement programs for the Pinewood and similar agriculturally-impacted waterways.	Table 3-4	E	AC	EA	-	-
		119.	NG will reach out to the Seven Generations Education Institute and/or the MNR to obtain any additional information on baseline health of animals and fish. (Letter to Chiefs from Kyle Stanfield, October 2013).	Table 3-4	E	AC	EA	-	-
		120.	Aboriginal People will play an active role in the development of the mine Closure Plan, including development of the monitoring and mitigation programs. While the Closure Plan will be completed prior to construction, NG will consult on significant revisions periodically during operations to ensure incorporation of TK and best management practices. (Letter to Chiefs from Kyle Stanfield, October 2013).	Table 3-4	E,C,O	AC	EA	-	-
		121.	Monitoring programs targeted at ungulates (moose, deer) will be coordinated with local Aboriginal people. (Letter to Chiefs from Kyle Stanfield, October 2013).	Table 3-4	E,C,O,D	AC	EA	-	-
		122.	NG would be pleased to assemble a map showing the locations of the closest First Nation community water supply intakes on receipt of the locations/coordinates. (Letter to Chiefs from Kyle Stanfield, October 2013).	Table 3-4	E,C	AC	EA	-	-
		123.	While the Draft EA has shown no impacts to Aboriginal or non-Aboriginal people's health, any new information that has a potential to impact health will be provided to Aboriginal people. (Letter to Chiefs from Kyle Stanfield, October 2013). Further, NG has committed to analyse ungulate organ meats voluntarily submitted to them by local hunters, with the results of any such analysis made available to local residents and Aboriginal communities.	Table 3-4	E,C,O,D	AC	EA	-	-
		124.	NG will work with Aboriginal groups to ensure employee overall well-being. Programs to highlight the dangers of drug use combined with drug testing will be implemented. (Letter to Chiefs from Kyle Stanfield, October 2013).	Table 3-4	C,O,D	AC	EA	-	-
		125.	As a best practice and acting as a responsible neighbour, NG will notify local stakeholders of project activities as appropriate.	MTCS-2	E,C,O,D,P	MTCS	EA	-	-
		126.	NG has and will continue to actively engage the MNR and local outfitters including those that hold the Bear Management Areas that will be affected by the RRP.	MTCS-6	E,C,O,D	MTCS	EA	-	-
127.	NG will calculate the area of forest land that will be removed from the total forest land within BGRFN territory, utilizing public sources and provide this information to the First Nation on delineation of the traditional territory by the BGRFN.	D-9, T-10, BGRFN 13	E	CEA Agency, BGRFN	EA	Once traditional territory provided	BGRFN to provide map of traditional territory		
128.	NG is consulting with First Nations and the Métis Nation of Ontario (MNO) on the Draft Closure Plan provided on March 19, 2014. NG has provided resources to these communities to undertake independent review the Draft document. Results of the independent review process will be used to help the Company develop any further commitments and/or mitigations to reduce potential impacts to Aboriginal and treaty rights. This process is expected to be completed concurrent with the conclusion of the EA process.	D-9, D-12, D-15, D-16, D-21, MNO-5	E	CEA Agency, MNO, MNDR	EA, MA	March 2014	-		

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		129.	NG is open to discussing closure objectives in relation to the results of the Traditional Knowledge / Traditional Land Use (TK / TLU) study.	BGRFN 28	E	BGRFN, MNM	MA	-	-
		130.	NG is supportive of the further development of mitigation measures in relation to traditional hunting (and plant gathering), which could potentially involve: <ul style="list-style-type: none"> Continuing to involve BGRFN members in the development of adaptive management techniques related to closure planning, including the rehabilitation of habitat for wildlife; and Restoring access to RRP lands following mine closure to the extent that such access is safe / possible. 	D-21	E,D	BGRFN, MNO, CEA Agency	EA	-	-
		131.	NG has committed to provide members of the BGRFN, Big Island First Nation, Ojibways of Onigaming First Nation, Naoakamegwaning First Nation, Rainy River First Nations, Naicatchewenin First Nation and Métis represented by the MNO Region 1 Consultation Committee, the ability to access certain lands that NG is able to make available for gathering of wild medicines, berries or other vegetation. Access will be coordinated with the Aboriginal communities.	D-4	E,C,O,D,P	BGRFN, CEA Agency	EA	-	-
		132.	NG has committed to ensure that Aboriginal communities (including BGRFN, Big Island First Nation, Ojibways of Onigaming First Nation, Naoakamegwaning First Nation, Rainy River First Nations, Naicatchewenin First Nation and Métis represented by the MNO Region 1 Consultation Committee) have the ability to access the site for cultural and ceremonial purposes so that local Aboriginal people can undertake ceremonies at different times of the year to show respect for the land and its spiritual aspects. This will ensure that young people can participate in ceremonies and learn from elders and ceremonialists. Teaching through the generations will therefore be maintained.	D-6	E,C,O,D,P	BGRFN, CEA Agency	EA	-	-
		133.	A detailed Fire Response Plan will be developed (Final EA Report, Section 8.2). This document will be made available for MNR review prior to construction initiation.	MNR 3 MB	E	MNR	EA	Prior to construction	Fire response plan to be provided to MNR
		134.	NG will engage with local stakeholders as appropriate to provide notification of project activities and to mitigate potential impacts as practical.	MTCS-1	E,C,O,D,P	MTCS	EA	-	-
		135.	Related to the transmission line: <ul style="list-style-type: none"> Compensation will be provided for merchantable timber value where applicable; Maintain transmission line set back distances of not less than 100 m from area lakes to provide effective visual screening from open waters; Landscape screening to minimize the contrast in landscape character; for example by leaving shrub cover vegetation that will not affect the conductors (i.e., the wire) in the ROW at creek crossings; and Minimizing land use conflicts and concerns by consulting with other users and stakeholders (i.e., Aboriginal peoples, hunters, trappers, outdoor recreationalists) to identify and implement other means of conflict resolution. 	MNR Transmission Line Alternatives Assessment	E,C,O	MNR, MNM	CFSA, PLA, MA	-	-
Aboriginal groups – Health and socio-economic conditions	Economic VSECs: <ul style="list-style-type: none"> Direct, indirect and induced employment opportunities Business opportunities Income growth Economic diversification Human capital and 	136.	NG will implement a hiring policy that encourages employment of local workers, including members of human environment regional study area First Nations and Métis communities. Where feasible, goods and services will be procured from local and regional suppliers as well as suppliers that can further demonstrate Aboriginal employee content. Provide on the job Common Core training to assist local workers to develop mining-specific skills, and implement career training and development opportunities for employees once hired. NG will provide continuous, on the job safety training.	7.19.3	E,C,O,D	NS	EA	-	-
		137.	NG will continue to engage with potentially affected stakeholders as the project develops, including those local and regional businesses which may provide accommodation facilities for the RRP workforce.	MTCS-9 (Antler)	E,C,O,D	MTCS	EA	-	-
		138.	Fish habitat compensation will be provided onsite related to the Federal <i>Fisheries Act</i> . A portion of this compensation habitat, notably the Clark Creek, Clark Creek pond and Teeple pond, could potentially be provided to licensed bait fishermen	BGRFN 11	E,C	BGRFN, DFO	FA	-	-
		139.	NG respects BGRFN's Aboriginal and Treaty Rights, and is working with the community to develop a collective agreement that will include mutually acceptable means for mitigation of accepted impacts.	BGRFN 14	E,C	BGRFN	EA	-	-
		140.	Where NG has control, commercially reasonable efforts will be made to work with Resolute, MNR and local loggers to facilitate the use of merchantable timber by local mills, in recognition of the importance of mills to the local economy.	Public Comment	E,C	P	EA	-	-

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	<ul style="list-style-type: none"> Government revenues. 	141.	NG will make reasonable efforts to accommodate Resolute in providing access through New Gold lands to Crown lands over which Resolute has an interest provided that the access does not interfere with mine construction or operation; that the access does not put the safety and security of New Gold or Resolute personnel or property at risk; and subject to the prior execution of any land access agreement(s) which New Gold deems appropriate.	Public Comment	E,C,O,D,P	P	EA	-	-
		142.	As the mine approaches the end of mine life, NG will implement strategies to transition the workforce to buffer the effects of job losses, as well as an Adjustment Committee.	7.19.3	O	NS	EA	-	-
Aboriginal groups – Physical or cultural heritage and effects on historical, archaeological, paleontological or architectural sites or structures	Social VSECs: <ul style="list-style-type: none"> Demographics and populations; Housing and accommodations; Public utilities; Community and social services; Highway traffic; Human health; and Cultural heritage resources. 	143.	The health and safety of workers will be ensured by meeting applicable occupational health and safety legislation standards, as well as utilizing other best management practices for industrial hygiene hazard control as appropriate.	7.21.3	E,C,O,D,P	NS	Various occupational health instruments	-	-
		144.	While the Draft EA has shown no impacts to Aboriginal or non-Aboriginal people's health, any new information that has a potential to impact health will be provided to Aboriginal groups. (Letter to Chiefs from Kyle Stanfield, October 2013). NG has committed to analyse ungulate organ meats voluntarily submitted to them by local hunters, with the results of any such analysis made available to local residents and Aboriginal communities.	Table 3-4	E,C,O,D	AC	EA	-	-
		145.	NG will work with Aboriginal groups to ensure employee overall well-being. Programs to highlight the dangers of drug use combined with drug testing will be implemented. (Letter to Chiefs from Kyle Stanfield, October 2013).	Table 3-4	C,O,D	AC	EA	-	-
		146.	A blasting plan will be developed describing all proposed blasting operations at the RRP site. All personnel who handle explosives will have appropriate training; all other individuals will be restricted from access.	9.3.1.2	E,C,O	NS	EA	-	-
		147.	Recognizing that safety of workers is paramount, NG will attempt to reduce light pollution as possible.	Public Comment	E,C,O,D	P	EA	-	-
		148.	The RRP has been designed to meet all applicable fire protection system requirements and codes. Regular fire drills will occur to ensure that all workers are familiar with fire response procedures, as dictated within the environmental management system. All workers and visitors on site will receive an orientation which includes fire reporting and response procedures.	9.4.3.2, App V	E,C,O,D	NS	Various fire-related instruments	-	-
		149.	Should it be determined in the future that additional fire break is required, appropriate approvals will be obtained from the MNR.	8.4.3	E,C,O	MNR	Ontario Forest Fires Prevention Act	-	-
		150.	NG will ensure that safe access to properties is maintained during the construction and operation phases of the project. Once detailed plans are progressed, NG would welcome the opportunity to discuss further.	Public Comment	E,C,O	P, MNR	EA	-	-
		151.	Any infrastructure, such as hydro services, that require relocation will be completed as expediently as possible, to minimize disruption to local users. It is currently envisioned that the disruption will only occur during the switchover from the existing to the (at that time) newly built line.	Public Comment	C	P	EA	-	-
		152.	The re-aligned Highway 600 will be constructed by NG to Ministry of Transportation (MTO) standards so that NG can pursue transfer of the road to the Province after construction.	4.15, App W-1	E,C	MTO	MTO Permits	-	-
		153.	NG has had extensive consultations with the MTO in Thunder Bay related to the RRP highway planning and will continue to discuss issues related to the Highway 600 re-alignment, and associated maintenance and safety issues with MTO, the Township of Chapple, Stratton, the Rainy River Valley Safety Coalition, school bus operators, utility companies and emergency response groups.	7.20.5.3	E,C	MTO	MTO Permits	-	-
		154.	A new East Access Road will connect Highway 71 with Roen Road by means of Korpi Road, to provide access for the general public, including to properties on Marr Road and for users of Crown land north of the site.	4.15, App W-1	E,C,O,D,P	P, MTO, MNR	MTO Permits	-	-
		155.	NG will schedule the delivery of major equipment at off peak times where practical and ensuring that heavy loads are sized appropriately and transported only on highways that have sufficient load capacities while observing half-load seasonal restrictions.	7.20.5.3	E,C,O,D	NS	EA	-	-
		156.	Only licensed suppliers and carriers will be selected for the supply and transport of hazardous materials to the RRP site. When suppliers are selected, Rainy River will share supplier handling and transport information with the MNO.	MNO-3	E,C,O,D	MNO, TC	Various transportation of dangerous goods instruments	-	Supplier handling and transport information to be shared with the MNO

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		157.	Drivers will be required to meet all applicable regulatory training requirements, be trained in spill response procedures for the materials they transport, and carry the appropriate Material Safety Data Sheets.	9.3.4.2, 9.3.6.2	E,C,O,D	NS	Various spill prevention / response instruments	-	-
		158.	Vehicles transporting materials to site will be required to maintain a supply of basic emergency response equipment, including communication equipment, first aid materials and a fire extinguisher, where appropriate.	9.3.4.2, 9.3.6.2	E,C,O,D	NS	EA	-	-
		159.	Notification and/or reporting of any vehicular accidents and spills will follow Provincial (Ministry of the Environment) and other applicable requirements.	9.3.7.1	E,C,O,D	MOE	EPA, Various spill prevention / response instruments	-	-
		160.	With regards to controlling adverse traffic effects during transmission line construction: <ul style="list-style-type: none"> Ensuring that NG employees and contractors / subcontractors adhere to posted speed limits and practical speed limits along the ROW; Contractors and their subcontractors will be required to have properly and seasonally maintained equipment; and Maintain regular communications with the Township of Chapple, the Ministry of Transportation and Ontario Provincial Police representatives, to monitor and mitigate traffic effects. 	MNR Transmission Line Alternatives Assessment	E,C	MNR	EA	-	-
		161.	NG will monitor regional housing supply, particularly in the Chapple, Emo, and Fort Frances markets during the planning and construction phase of the RRP and in advance of each wave of new operations employment. Engage in regular discussions with Municipal planning officials in these communities to understand the anticipated evolution of their resale and new-home markets, and the extent to which each community desires growth or does not. NG will continue to work with hoteliers and town officials, to help avoid possible construction employment demands that would negatively affect accommodation capacity needed to support the tourist season.	7.20.2.3	E,C,O	NS	EA	-	-
		162.	Develop suitable policies and initiatives to encourage car pooling amongst employees, with the aim of reducing commuter-related traffic and reducing the individual burden of commuting. NG may explore alternate accommodation strategies to support its employees.	7.20.2.3, 7.20.5.1, 7.20.5.3	E,C,O	NS	EA	-	-
		163.	NG will continue to discuss the RRP and potential additional demands that could be placed on the services of regional Municipalities. NG will continue to support government-led initiatives that support social sustainability during all project phases. NG will work with local service agencies to gather information about social issues or service capacity issues so that they may be addressed in a collaborative manner. NG will maintain communications with local and regional service providers to monitor and work collaboratively to address any Project-related changes that may be experienced.	7.20.3.3, 7.20.4.3	E,C,O	NS	EA	-	-
		164.	Potential health risks associated with the consumption of ungulate organ meats will be mitigated through the voluntary submission of organ meats by local hunters for analysis. Results of any such analysis would be made available to local residents and Aboriginal communities.	7.21.3	E,C,O,D	AC, NS	EA	-	Results provided to local residents and Aboriginal communities
		165.	NG has committed to undertaking a mitigation program related to cultural heritage landscapes and built heritage resources consisting of an illustrated history of the study area.	7.23.3	E,C	MTCS	OHA	-	-
		166.	Emergency response procedures will be established as part of the environmental management system. After any incident, a review will be conducted to ensure that the required design changes and procedures and appropriate monitoring measures are in place to ensure that incident will not be repeated.	9.1 App V	E,C,O,D,P	NS	EA	-	-

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		167.	<p>NG has committed to ensure that First Nations (including Rainy River First Nations, Naicatchewenin First Nation, Big Grassy River First Nation, Big Island First Nation, Naotkamegwanning First Nation, and Ojibways of Onigaming First Nation) and Métis community members have the:</p> <ul style="list-style-type: none"> Ability to access the site for cultural and ceremonial purposes, so that local Aboriginal people can undertake ceremonies at different times of the year to show respect for the land and its spiritual aspects. All NG staff will undergo cultural awareness training. Temporary contractors will undergo an awareness program as part of the regular induction program when working at the mine (Letter to Chiefs from Kyle Stanfield, October 2013). This will ensure that people that work at the site are aware of indigenous culture and values, and are respectful of the principles and values of the Ojibwe people. <p>This mitigation has been identified as a result of the Draft EA independent First Nation review and agreed to by NG. NG will follow up directly with the BGRFN regarding any additional mitigation and accommodation measures.</p>	Table 3-4, D-3	E,C,O,D,P	AC, CEA Agency	EA	-	-
		168.	<p>NG is fully agreeable to work with local Aboriginal peoples on an ongoing basis to monitor metal concentrations in country foods (notably fish muscle and liver tissues, and White-tailed Deer liver tissue; and other wildlife tissues as appropriate. A commitment to work with local Aboriginal groups to sample White-tail Deer liver tissues [and other wildlife tissues as committed to herein] for metals analysis has been made. This analysis could be expanded to include testing for additional metals. NG will work with local Aboriginal hunters to determine the most effective path forward on this topic.</p>	7.21.1.2, 13.5.2 D-8, D-11, D-13 BGRFN 15, 17	E,C,O	NS, CEA Agency, BGRFN	EA	-	-
		169.	<p>NG will conduct a risk assessment of the potential long-term exposure of fish and wildlife to accumulated metals within the constructed wetland. Such a study will be carried out within one to two years prior to mine closure (or earlier during the project operations phase), and if a meaningful risk is determined to exist the risk will be mitigated as part of overall mine closure by removing and disposing the contaminated sediments to the bottom of the pit lake. This could readily be accomplished by a small dredging operation.</p>	D-8, BGRFN 12	O,D	BGRFN, MNDM	MA	One to two years prior to closure	-
		170.	<p>Unterman McPhail will prepare a complete description of the evaluation process for resources identified of cultural heritage value or interest in a memo format.</p>	MTCS-14 (Didrikson)	E,C	MTCS	OHA	-	-
		171.	<p>At closure, NG will undertake an evaluation of any remaining cultural heritage resources / structures located on NG property in consultation with a qualified professional, and also incorporating any liability/public safety concerns.</p>	MTCS-14 (Didrikson)	D	MTCS	OHA	-	-
		172.	<p>A range of conservation approaches will be considered in the recommended Cultural Heritage Assessment Report / Cultural Heritage Documentation Reports for Sites #11 and #13 as suggested by MTCS.</p>	MTCS-14 (Didrikson)	E,C	MTCS	OHA	-	-
		173.	<p>NG will provide follow-up documentation related to Cultural Heritage Assessment Report / Cultural Heritage Documentation Reports to the following local museums and archives:</p> <ul style="list-style-type: none"> Chapple Museum; Kay-Nah-Chi-Wah-Nung Historical Centre (Manitou Mounds); Rainy River District Women's Institute Museum; and Fort Frances Museum and Cultural Centre. 	MTCS-14 (Didrikson)	E,C	MTCS	OHA	-	Documents to be provided to local museums and archives
		174.	<p>Monitoring would occur for the following durations:</p> <ul style="list-style-type: none"> Archaeology: construction phase Built heritage: construction phase 	T-10	C	CEA Agency, MTCS	EA, OHA	-	-

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		175.	With regards to protection of cultural heritage values during transmission line construction: <ul style="list-style-type: none"> Should human remains be identified during construction, all work in the vicinity of the discovery will be suspended immediately, and notification will be made to the Ontario Provincial Police, or local police, who will conduct a site investigation and contact the district coroner. Notification must also be made to the Ministry of Tourism, Culture and Sport, and the Registrar of Cemeteries, Ministry of Government Services. Should cultural heritage resources (archaeological or historical materials or features) be identified during construction or operations, all activity in the vicinity of the find will be suspended and the Ministry of Tourism, Culture and Sport archaeologist be contacted. This condition provides for the potential for deeply buried sites not typically identified; and In addition, NG will continue to engage Aboriginal people (including Rainy River First Nations, Naicatchewenin First Nation, Big Grassy River First Nation, Big Island First Nation, Naotkamegwanning First Nation, Ojibways of Onigaming First Nation and Métis community members) about the transmission line construction and will respond should additional culturally significant areas be identified that could be impacted by the construction. 	MNR Transmission Line Alternatives Assessment	C	MNR, MNDM, MTCS	PLA, MA, OHA	-	-
		176.	Related to transmission line, construction will be supervised by a qualified archaeologist at identified areas of high archaeological potential. Regular, ongoing discussions with stakeholders, Aboriginal people and local communities will help to monitor any effects to the socio-cultural environment and identify mutually satisfactory ways to mitigate negative or enhance positive effects. A formal complaints procedure will be established to provide stakeholders and Aboriginal peoples a voice during the construction, operation and decommissioning phase of the transmission line project. A response protocol will also be established to ensure that follow up occurs.	MNR Transmission Line Alternatives Assessment	C	MNR	EA	-	-
		177.	A targeted site investigation will be conducted at the end of mine life to identify soils that may have been affected by hydrocarbons or chemicals in specific areas (e.g. truck refuelling area). Soil materials found to exceed the appropriate clean up criteria for hydrocarbons will be remediated according to government requirements. If there is reason to suspect an area of soil has been affected by chemicals other than hydrocarbons, soil samples will be collected and tested. If the applicable regulatory requirements are exceeded, an appropriate method of disposal will be sought in consultation with the relevant authorities.	Public Comment	O,D	MNDM, MOE	MA, EPA	-	-
	General / Other	178.	Document and respond to comments, issues or concerns.	3.3 to 3.6 App D1 to D-3, D-8, D-11 (and others)	E,C,O,D,P	NS	EA	-	-
		179.	NG made 13 significant commitments (Tables 3-4 and 14-2) arising from the independent technical review of the Draft EA Report (Version 1) on behalf of Aboriginal groups which will be fulfilled.	3.4.3.1	E,C,O,D,P	AC	EA	-	-
		180.	BGRFN undertook a second independent review of the Draft EA Report provided to the NG on October 18, 2013. The review concluded that additional work with the community was required and NG has committed to continuing the close engagement with the community in support of the RRP development.	3.4.3.2	E	BGRFN	EA	-	-
		181.	Environmental monitoring will be conducted in accordance with standard practice and regulatory requirements, including any site-specific environmental approvals.	7.21.3, 13 (and others)	E,C,O,D,P	MOE, MNR, MNDM, DFO, EC	EPA, OWRA, CRSA, ESA, PLA, LRIA, MA, FA, MMR	-	-
		182.	Operational procedures to minimize the potential of accidents or malfunctions will be incorporated into the environmental management system. Penalties will be imposed for operational violations.	4.5, 4.7.7, 4.13, 4.19.1, 9.3.4.2, 9.3.5.2, 9.3.6.2, 9.3.8, 9.3.9.2	E,C,O,D	NS	EA	-	-
		183.	Procedures will be regularly reviewed as part of the environmental management system.	9.3.5.2, 13.14	E,C,O,D	NS	EA	-	-

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		184.	The emergency response plan included in the environmental management system will address the primary hazardous materials on site including procedures for spill response on the trucking route to the RRP site.	7.21.3, 9.3.4.2, 9.3.6.1, App V	E,C,O,D	NS	EA	-	-
		185.	All chemicals used at the site will have a Material Safety Data Sheet, in order to comply with the best practices in the industry for health and safety, and to provide relevant regulatory standards for the safe use of these materials.	4.7.7, 9.3.8	C,O,D	NS	Various spill prevention / response instruments	-	-
		186.	Monitoring details will be developed through ongoing stakeholder consultation during the EA process, and through conditions placed on regulatory instruments such as permits, authorizations and approvals, issued by the Federal and Provincial regulatory agencies.	13.1	E,C,O,D	MOE, MNR, MNM, DFO, EC	EPA, OWRA, CRSA, ESA, PLA, LRIA, MA, FA, MMR	-	-
		187.	A Follow up Monitoring Program (FMP) is provided in Section 13 of the Final EA Report, which subject to modification through the EA review process, will be implemented by NG in the manner and schedule identified, to: <ul style="list-style-type: none"> Verify the accuracy of the environmental assessment of a designated project; and Determine the effectiveness of any mitigation measures. 	13	E,C,O,D	NS	EA	-	-
		188.	Subject to acceptance in writing of the FMP by the Federal and Provincial governments, monitoring results will be provided to the parties involved in the FMP annually during the construction and operation phases of the RRP.	13.4	E,C,O,D	NS	EA	-	-
		189.	A list of FMP commitments made during the EA process will be maintained by NG, indicating where appropriate: <ul style="list-style-type: none"> The nature of the commitment; To whom, or to what group or agency the commitment was made, if specific; Whether the commitment is related to the EA process alone; Whether the commitment is addressed or linked to a regulatory instrument, such as a regulation or environmental approval; Any applicable timeline if any; The status of the commitment; and Additional actions required to fulfil the commitment 	13, 14	E,C,O,D,P	NS	EA	-	-
		190.	Environmental aspects and potential impacts of the project will be managed within an environmental management system which integrates environmental performance with overall project management.	13.14	E,C,O,D	NS	EA	-	-
		191.	Implementation and maintenance of the environmental management system will be driven by the NG commitment to ongoing compliance with the environmental requirements. Worker awareness of this commitment and requirements related to their work will be communicated through formal programs such as project orientation, job training or contractor packages.	13.14	E,C,O,D	NS	EA	-	-
		192.	Periodic management reviews will be completed to consider changing circumstances which could affect the continued suitability and adequacy of the monitoring plans, and to support continual improvement in overall effectiveness.	13.14	E,C,O,D,P	NS	EA	-	-
		193.	NG proposes to amend the Closure Plan periodically as more information becomes available and as required by the Ontario <i>Mining Act</i> .	Table 2: Hydrology	E,C,O,D	MNDM	MA	-	-
		194.	NG is proposing to work with Aboriginal groups including Rainy River First Nations, Naicatchewenin First Nation, Big Grassy River First Nation, Big Island First Nation, Naotkamegwaning First Nation, Ojibways of Onigaming First Nation and Métis community members to provide access to alternative private lands for the purposes of supporting TLU on such lands; and potentially providing compensation or incentives through collaborative agreements between the Aboriginal groups and NG. Access will be coordinated with the Aboriginal groups.	BGRFN 1, 9	E,C	BGRFN	EA	-	-
		195.	NG will communicate with Aboriginal groups including Rainy River First Nations, Naicatchewenin First Nation, Big Grassy River First Nation, Big Island First Nation, Naotkamegwaning First Nation, Ojibways of Onigaming First Nation and Métis community members on traditional teachings and ceremony.	BGRFN 2	E,C	BGRFN	EA	-	-
		196.	NG will review the BGRFN TK / TLU study and discuss accommodations of the cultural heritage sites identified.	BGRFN 8	E,C	BGRFN	EA	-	-

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		197.	<p>Related to transmission line construction, environmental monitoring will include (but will not be limited to) inspection of:</p> <ul style="list-style-type: none"> • ROW to ensure excessive vegetation clearing is not conducted; • Appropriateness of equipment choice and maintenance of equipment to minimize environmental impacts; • Effectiveness of erosion control measures where applicable; • Construction activities and equipment operation, including refueling exercises; • Waste management, including wood waste from clearing and domestic wastes; • Monitoring of remedial actions associated with malfunctions and accidents (if any); and • Any requirements contained in environmental approvals and permits required to construct the transmission line. <p>At a minimum, weekly inspections by a qualified person will occur of worksites and related areas, during clearing of the ROW and construction of the transmission line. Contractors will be required to have properly trained personnel to provide guidance to construction teams in the absence of the qualified environmental persons. The results of the inspections will be documented and follow-up actions, if any, delineated. Completion of follow-up actions will be confirmed during subsequent inspections. Inspection frequency will be increased should the need be identified. The duration of post-construction inspections, will depend on the results of the construction inspection. At a minimum, periodic aerial inspection will occur for environmental aspects during operation, coincident with other aerial surveys.</p>	MNR Transmission Line Alternatives Assessment	C	MNR, MNDM	PLA, CFSA	-	-
		198.	NG will continue to communicate closely with First Nations and the MNO regarding the Project. (Letter to Chiefs from Kyle Stanfield, October 2013).	Table 3-4	E,C,O,D,P	AC	EA	-	-
		199.	NG is committed to working closely with the MNO. NG has provided resources to the MNO to undertake traditional studies as well as technical reviews of both the Draft EA as well as the Draft Closure Plan. NG will continue to support the MNO as part of the EA process and as mine operations begin.	NG	E,C,O	MNO	EA	-	-
		200.	NG is committed to working closely with the area First Nations and the MNO. NG has provided resources to Aboriginal Groups to undertake traditional studies as well as technical reviews of both the Draft EA as well as the Draft Closure Plan. NG will continue to support First Nations as part of the EA process and as mine operations begin.	NG	E,C,O	AC	EA	-	-
		201.	NG will commit to clearing of flammable debris within a minimum 30 m buffer area.	MNR MB-1	E,C,O	MNR	EA	-	-
		202.	NG is committed to continuing to engage potentially affected stakeholders as development and operation of the RRP progresses. Local municipalities will be engaged specifically in regards to contingency and emergency response procedures, prior to construction start. MNR coordination will be undertaken as appropriate.	MNR MB-2	E,C,O	MNR	EA	-	-
		203.	NG is committed to further discussions with potentially affected Aboriginal groups with respect to development of a protocol for the preservation of artifacts. Where practical and reasonable, artifacts that require removal will be transferred to a public institution selected through consultation with local First Nations and Métis represented by the MNO Region 1 Consultation Committee, in consultation with the MTCS. A MTCS collection transfer form will be completed by the surrendering licensee and the institution accepting the materials. Collection shall be curated to current standards.	NG	C,O	CEA Agency	EA		
		204.	NG will develop an accommodation with local trapline holders that meets the needs of both the proponent and the trappers.	Draft EA Report, Appendix A	C,O	CEA Agency	EA		
		205.	NG will enhance components of the Richardson Trail and mitigate the impacts in collaboration with local landowners.	Draft EA Report, Appendix A	C,O	CEA Agency	EA		

1 Source: Bold text refers to Final EA Report references. Other references relate to follow up comments / response tables. Note that the commitment may also have been made in other locations not specifically referenced herein.

2 E: Engineering and procurement; C: Construction; O: Operations; D: Decommissioning and active closure; P: Post active closure

3 NS: Non-specific; AC: Aboriginal communities; other Aboriginal groups as listed (Note: the government agencies listed are generally for reporting purposes per CEA Agency guidance, rather than necessarily the comment source agency as follows
DFO: Fisheries and Oceans Canada; EC: Environment Canada; MNDM: Ontario Ministry of Northern Development and Mines; MNR: Ontario Ministry of Natural Resources; MOE: Ontario Ministry of the Environment / MOECC: Ontario Ministry of the Environment and Climate Change; MTCS: Ontario Ministry of Tourism, Culture and Sport; TC: Transport Canada)

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- 4 CFSA: Ontario Crown Forest Sustainability Act; EAA: Ontario Environmental Assessment Act; EPA: Ontario Environmental Protection Act; OWRA: Ontario Water Resources Act; ESA: Ontario Endangered Species Act; FA: Federal Fisheries Act; PLA: Ontario Public Lands Act; LRIA: Ontario Lakes and Rivers Improvement Act; MBCA: Migratory Birds Convention Act; MTO Permits: Ontario Public Transportation and Highway Improvement Act and/or Highway Traffic Act; MA: Ontario Mining Act; MMER: Federal Metal Mining Effluent Regulation of the Fisheries Act; OHA: Ontario Heritage Act
- '_' Underscore is used in referencing multiple sections in the Final EA Report, to reflect the heading level that sequentially changes (for example: S7._.1, represents S7.1.1, 7.2.1, 7.3.1,...)

Unless otherwise specifically identified, commitments listed will be implemented by NG.