

APPENDIX 10.0-A

Commitments for the Waasigan Transmission Line



1.0 Commitments List

The mitigation measures included in the Final Environmental Assessment are listed as commitments in Table 1.0-1. Other commitments made during the EA stage are included in Table 1.0-2. The commitments made as part of the Terms of Reference are included in Appendix 1.0-B, including commitment IDs 1 to 110.

Table 1.0-1: Environmental Assessment Mitigation Commitments

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
111	Assessing equipment, work areas and receptors for risks of spreading invasive species or pathogens.	Section 6.1	Commitment included in the EA
112	Carrying out restoration in areas of soil disturbance.	Section 6.1	Commitment included in the EA
113	Cleaning and inspecting equipment in accordance with best management practices.	Section 6.1	Commitment included in the EA
114	Compliance with relevant regulations and laws.	Section 6.1	Commitment included in the EA
115	Covering or reseeded soil stockpiles and exposed slopes.	Section 6.1	Commitment included in the EA
116	Covering or stripping topsoil in areas where it may be damaged by work.	Section 6.1	Commitment included in the EA
117	Designated refuelling areas.	Section 6.1	Commitment included in the EA
118	Designing blast patterns to minimize ground disturbance.	Section 6.1	Commitment included in the EA
119	Ensuring equipment is cleaned.	Section 6.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
120	Ensuring imported, exported, and reused soils meet regulatory, use, and placement criteria, and tracking requirements.	Section 6.1	Commitment included in the EA
121	Establishing inspection, cleaning and tracking to mitigate the risks of spreading invasive species or pathogens.	Section 6.1	Commitment included in the EA
122	Establishing procedures for containment, management and disposal of wastes generated during construction.	Section 6.1	Commitment included in the EA
123	Handling contaminated soils according to the Spill and Emergency Preparedness and Response Plan for clean-up, storage, disposal, and reporting.	Section 6.1	Commitment included in the EA
124	Hydro One with their contractor(s) will prepare and implement a Waste Management and Disposal Plan, Spill and Emergency Preparedness and Response Plan, Blasting and Communication Management Plan, Soil Management Plan, Dust Control/Air Quality Plan, and Invasive Species and Biosecurity Management Plan.	Section 6.1	Commitment included in the EA
125	Hydro One with their contractor(s) will prepare and implement an Access Plan, EPP, Erosion and Sediment Control Plan, Soil Management Plan and Invasive Species and Biosecurity Management Plan.	Section 6.1	Commitment included in the EA
126	Implementation of a spill response and clean up plan and procedures with training.	Section 6.1	Commitment included in the EA
127	Implementation of appropriate training.	Section 6.1	Commitment included in the EA
128	Implementing biosecurity practices to prevent the spread of weeds and soil pathogens.	Section 6.1	Commitment included in the EA
129	Implementing erosion and sedimentation controls and procedures.	Section 6.1	Commitment included in the EA
130	Installing equalization/drainage culverts to maintain water levels and drainage paths.	Section 6.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
131	Limiting disturbance areas to the Project ROW as much as possible.	Section 6.1	Commitment included in the EA
132	Limiting grading and soil stripping on slopes and near waterbodies.	Section 6.1	Commitment included in the EA
133	Limiting soil stripping and grading where feasible and replace soil and restore grading following construction.	Section 6.1	Commitment included in the EA
134	Locating Project structures and access roads out of agricultural areas where possible.	Section 6.1	Commitment included in the EA
135	Maintaining drainage in the work area and limit ponding and channelization of surface flows.	Section 6.1	Commitment included in the EA
136	Minimizing grading near waterbodies, slopes and sensitive receptors.	Section 6.1	Commitment included in the EA
137	Minimizing road widths to limit disturbance and material requirements.	Section 6.1	Commitment included in the EA
138	Minimizing the spread of fugitive dust across the work site.	Section 6.1	Commitment included in the EA
139	Monitoring soil conditions in workspaces and changing soil management or protective approaches as necessary.	Section 6.1	Commitment included in the EA
140	Post-construction monitoring and inspection to ensure that drainage and erosion control, and restoration efforts are effective.	Section 6.1	Commitment included in the EA
141	Preventative maintenance and inspection of equipment.	Section 6.1	Commitment included in the EA
142	Procedures for emergency response, containment, clean-up, disposal, and reporting.	Section 6.1	Commitment included in the EA
143	Protecting exposed soil from contamination, loss, mixing, or erosion.	Section 6.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
144	Recontouring work areas following construction to restore drainage patterns and prevent erosion.	Section 6.1	Commitment included in the EA
145	Remediating soil compaction where deemed necessary.	Section 6.1	Commitment included in the EA
146	Requirements for the safe storage, handling and transportation practices of hazardous materials.	Section 6.1	Commitment included in the EA
147	Scheduling work during periods when soil disturbance is less likely to occur, such as dry or frozen ground conditions, to the extent practicable.	Section 6.1	Commitment included in the EA
148	Using equipment with low ground pressure if work is required in areas of unprotected or soft soils.	Section 6.1	Commitment included in the EA
149	Using GPS-equipped machinery and/or flagging on the ROW to demarcate sensitive features.	Section 6.1	Commitment included in the EA
150	Using permitted aggregate pits and quarries where possible.	Section 6.1	Commitment included in the EA
151	Using temporary matting to protect soil in vulnerable areas.	Section 6.1	Commitment included in the EA
152	Hydro One with their contractor(s) will prepare and implement a Spill Prevention and Emergency Response Plan that describes specific measures that would be implemented if a spill occurred.	Section 6.1 Section 6.2	Commitment included in the EA
153	Employing rock ripping, hammering or drilling instead of blasting wherever reasonably possible.	Section 6.1 Section 6.3	Commitment included in the EA
154	Deployment of spill kits to at-risk areas and equipment.	Section 6.1 Section 7.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
155	Using existing access and watercourse crossings wherever possible.	Section 6.1 Section 6.3	Commitment included in the EA
156	The transportation, storage, and handling of fuels will be in compliance with the <i>Technical Standards and Safety Act, 2000</i> and the <i>Transportation of Dangerous Goods Act, 1992</i> (Technical Standards and Safety Act 2000; Transportation of Dangerous Good Act 1992). The transport vehicles will be licensed and maintained according to safety requirements.	Section 6.2 Section 6.4 Section 6.6 Section 7.2 Section 7.3	Commitment included in the EA
157	<p>Additional contingency measures will be implemented as appropriate in the event of excessive rain, wet weather or flood-like conditions (when the planned activity could cause significant damage to soils, such as rutting by traffic through the topsoil, soil structure damage during soil handling, or compaction and associated pulverization of topsoil structure damage due to heavy traffic):</p> <ul style="list-style-type: none"> ● Re-schedule work or reduce/detour traffic in areas where soils are considered to be excessively wet. ● Restrict construction traffic, where feasible, to equipment with low-ground pressure tires or wide pad tracks. ● During excessively wet conditions, work only in non-problem areas, such as well-drained soil or well-sodded lands, until conditions improve. ● Limit vehicle access through soft/wet areas to periods when frozen conditions occur (i.e., early morning/evening) and have crews park in a stable area and walk to on-site equipment if feasible. ● Install access or rig matting in problem areas to protect soils. ● If necessary, work will be suspended until soils dry out or appropriate site-specific mitigation can be used to prevent soil disturbance. 	Section 6.2	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
158	At permanent culverts, monitoring will be conducted for the life of the project to identify and remove blockages (e.g., ice, woody debris), as needed, that could otherwise lead to scouring and effects to channel morphology and fish habitat, and potentially interfere with fish passage.	Section 6.2	Commitment included in the EA
159	Construction water will be discharged in compliance with O. Reg. 387/04 as amended by O. Reg. 64/16 and/or O. Reg. 63/16, where applicable, and good industry practice.	Section 6.2	Commitment included in the EA
160	Disturbed areas will be stabilized (e.g., cover exposed areas with erosion control blankets or tarps to keep the soil in place and prevent erosion) as needed. Such areas will be covered with mulch to prevent erosion.	Section 6.2	Commitment included in the EA
161	Domestic effluent will be removed from temporary construction camps by approved disposal trucks and disposed of at municipal WWTPs with authorization and capacity to accept this waste.	Section 6.2	Commitment included in the EA
162	Each water crossing will be visited ahead of construction by qualified environmental personnel and fisheries biologists and/or technicians to verify that the crossing location is conducive to the planned crossing structure installation, such that any changes in site conditions can be addressed through necessary design adjustments.	Section 6.2	Commitment included in the EA
163	Environmental monitoring (including water quality sampling/testing noted in Section 6.2.11) will be conducted during construction to verify the performance and effectiveness of the planned mitigation. Monitoring will occur during installation works, including all in-water activities, and continue during the duration of the Project, including the removal of temporary crossing structures as part of reclamation activities. Contingency plans will be developed in the event of an unexpected change to water quantity or quality (i.e., increase in turbidity in accordance with CCME standards).	Section 6.2	Commitment included in the EA
164	Grey water from temporary construction camps will be disposed of in compliance with the Ontario Building Code.	Section 6.2	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
165	Grey water will be discharged to leaching beds at the temporary construction camps. All required permits and authorizations will be acquired for construction and operation of the leaching beds. Leaching beds will be designed and constructed according to R.R.O 1990, Reg. 358: Sewage Systems design requirements.	Section 6.2	Commitment included in the EA
166	Hydro One or their contractor(s) will prepare and implement a Blasting and Communication Management Plan that describes specific measures that would be implemented if blasting is required. Hydro One with their contractor(s) will use explosives if excavation to remove materials for foundation systems and roads is not feasible. The Environmental Inspector will monitor blasting operations for adherence to the Blasting and Communication Management Plan.	Section 6.2	Commitment included in the EA
167	Hydro One with their contractor(s) will work with both Indigenous communities and forest management units to manage merchantable timber cleared by the Project.	Section 6.2	Commitment included in the EA
168	If site-specific changes to crossing structure type is required, engagement with MNR, DFO and stakeholders will occur prior to any instream construction activities, where appropriate (i.e., placement of additional fill, re-grading and/or stabilization of bed or banks).	Section 6.2	Commitment included in the EA
169	Imported aggregate will be sourced from local quarries or gravel pits where feasible. If local pits are not available, then borrow pits may be required along the transmission ROW and/or purchased from local suppliers. If required, all borrow pits will be identified, established, and decommissioned in accordance with applicable regulatory requirements.	Section 6.2	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
170	Limiting use of ORVs by Hydro One and associated contractors during construction and operation, noting that: <ul style="list-style-type: none"> ● ORV use will follow DFO's Code of Practice for Fording (DFO 2022f), DFO's All Terrain Vehicle Guidance (DFO ND) and O. Reg 316/03; ● Inspections and maintenance activities will include cleaning of ORVs before and after each use to prevent the spread of invasive species and to identify any fuel leaks or equipment damage; and ● Avoidance of sensitive features and water crossings to the extent practicable. 	Section 6.2	Commitment included in the EA
171	Monitoring/inspections of new permanent waterbody crossing structures and roadside drainage features (on a twice annual basis for the first two years following post-construction and then annually) for physical function and condition.	Section 6.2	Commitment included in the EA
172	No tower foundations are anticipated to be placed below the highwater mark (HWM), noting that, with few exceptions, all towers are currently planned at locations that are at least 30 m from mapped waterbodies. If a tower foundation is within the limits of the HWM (based on specific cases in the field), the relevant regulatory approvals will be secured for the proposed works.	Section 6.2	Commitment included in the EA
173	Personnel will be trained in proper solid waste handling and management procedures.	Section 6.2	Commitment included in the EA
174	Potable water for work sites, temporary construction camps, temporary laydown areas will be obtained from local suppliers via water tank trucks.	Section 6.2	Commitment included in the EA
175	Progressive re vegetation of the ROW will be implemented.	Section 6.2	Commitment included in the EA
176	Removed vegetation will be immediately transported outside a waterbody buffer zone (30 m), and above its high-water mark.	Section 6.2	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
177	Sediment control measures will be incorporated prior to construction activities or immediately after disturbance on site-specific cases throughout the Project to avoid introduction of sediment to the environment, and, as part of this, to stabilize drifting soils or loss of topsoil, as practicable. Sediment control measures may include silt fences, filter bags, straw bale fences, berms, ponds and gravel or vegetative filters, check dams, erosion control blankets, and other features.	Section 6.2	Commitment included in the EA
178	Soil/seedbank salvage techniques will be used, along with transplanting and live staking, under site specific circumstances.	Section 6.2	Commitment included in the EA
179	Solid waste handling and storage facilities at temporary construction camps will be provided with drainage controls.	Section 6.2	Commitment included in the EA
180	Solid waste handling and storage facilities at temporary construction camps will be sited outside a minimum 30 m buffer around waterbodies.	Section 6.2	Commitment included in the EA
181	Solid waste will be managed and disposed in compliance with O. Reg. 347 as amended by O. Reg. 86/16 under the <i>Environmental Protection Act</i> .	Section 6.2	Commitment included in the EA
182	Temporary water crossings will be reclaimed at the end of construction. The reclamation will involve removal of temporary water crossing structures (if constructed), restoration and stabilization of waterbody banks, and other disturbed areas when the crossing is no longer required.	Section 6.2	Commitment included in the EA
183	The construction (and removal as needed) of temporary and permanent waterbody crossings, and removal of temporary crossing structures following the completion of the relevant work, will be constructed in compliance with MNRF regulatory permits and approvals, as applicable.	Section 6.2	Commitment included in the EA
184	Vegetation will be managed according to clearance-to-ground levels to allow for increased vegetation height.	Section 6.2	Commitment included in the EA



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185	Wash water from cleaning concrete mixing equipment and delivery systems, as well as from vehicles and equipment, will be collected in designated wash-out sites, located at least 30 m from a water body. The wash-out site will be monitored regularly to verify that runoff from the area does not report to a waterbody. Following the construction phase, all temporary wash-out sites will be capped with local backfill and re-graded prior to construction crews departing the site.	Section 6.2	Commitment included in the EA
186	Water crossing design and construction with maintain the characteristic channel width, depths, slopes and substrate in the event that a channel realignment is required, noting that: <ul style="list-style-type: none"> ● Channel realignments and/or infillings will be avoided through Project planning and design to the extent practicable; ● Channel realignments and/or infilling will only be undertaken in locations where specific conditions are met and/or where required for safety and security purposes; and, if required, ● A realignment would avoid the use of a DFO code of practice (required approval by DFO), with the plan and mitigations requiring reviewed by MNRF through permitting the water crossing. 	Section 6.2	Commitment included in the EA
187	Water crossing structures, including clear span bridges, ice bridges/snow fills, rig mats and culverts, will be primarily based on hydrologic and hydraulic design flow calculations, which consider, but are not limited to, expected rainfall and peak flow within the geographic area, as well as the relevant catchment area, channel slope, and channel substrate.	Section 6.2	Commitment included in the EA
188	Water crossings will be designed and constructed in accordance with permits and approvals through DFO, LRCA, and MNRF, as applicable.	Section 6.2	Commitment included in the EA
189	Water crossings will be designed and constructed in accordance with the MNRF's Environmental Guidelines for Access Roads and Water Crossings (1990).	Section 6.2	Commitment included in the EA

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190	Water crossings will be designed and constructed in compliance with O. Reg. 180/06 as amended by O. Reg. 63/13 and O. Reg. 454/96, as applicable.	Section 6.2	Commitment included in the EA
191	Water taking will be in compliance with O. Reg. 387/04 as amended by O. Reg. 64/16 (pertaining to permits, data and reporting, and water transfers), where applicable, and good industry practice.	Section 6.2	Commitment included in the EA
192	For vehicles and equipment owned/rented by Hydro One or their contractor, only properly functioning vehicles and equipment will be operated.	Section 6.2 Section 6.4	Commitment included in the EA
193	Fuel and hazardous materials will be stored and handled in designated areas with appropriate secondary containment.	Section 6.2 Section 6.4	Commitment included in the EA
194	Hydro One or their contractor(s) will prepare and implement a Spill Prevention and Emergency Response Plan that describes specific measures that would be implemented if a spill occurred.	Section 6.2 Section 6.4	Commitment included in the EA
195	In the event that refuelling, servicing and maintenance is required in the field, 120 m buffer will be respected to the extent possible. There may be locations where this is not possible due to the prevalence of wetlands; however, in these locations enhanced spill containment measures will be used.	Section 6.2 Section 6.4	Commitment included in the EA
196	Personnel will be trained in spill avoidance, clean up and reporting procedures.	Section 6.2 Section 6.4	Commitment included in the EA



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197	Progressive reclamation of disturbed areas will be practiced. Natural recovery is the preferred method over seeding of reclamation on level terrain where erosion is not expected. Enhanced vegetation recovery methods (e.g., seeding, planting seedlings) will be implemented where these enhanced methods are appropriate. If seeding is required, seed erosion prone areas in accordance with MNRF, or other applicable regulatory agency, requirements to promote plant species establishment during reclamation. Seeding will follow as close as possible to final cleanup and topsoil material replacement pending seasonal or weather conditions.	Section 6.2 Section 6.4	Commitment included in the EA
198	Slash and debris will be chipped and spread over the ROW as appropriate in accordance with maximum mulch depth or will be burned in accordance with provincial <i>Forest Fires Prevention Act</i> and the Regulation 207/96 Outdoor Fires under this Act.	Section 6.2 Section 6.4	Commitment included in the EA
199	Soil and aggregate materials will be transported wetted or under cover, as appropriate.	Section 6.2 Section 6.4	Commitment included in the EA
200	Spill response kits will be provided in fuel and hazardous materials storage and handling facilities at temporary construction camps and temporary laydown areas, in on-site work areas and/or in vehicles and equipment, and personnel will be trained in spill response practices and procedures. Spills and leaks will be contained and cleaned up as soon as possible following incidents.	Section 6.2 Section 6.4	Commitment included in the EA
201	Spill response kits will be provided in vehicles and equipment.	Section 6.2 Section 6.4	Commitment included in the EA
202	Stripped soil will be stored outside waterbody and wild rice buffers. Stripped soils will not be placed in surface drainage channel or wetland.	Section 6.2 Section 6.4	Commitment included in the EA
203	Topsoil handling will be suspended during high wind conditions, where practicable and as required.	Section 6.2 Section 6.4	Commitment included in the EA



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204	Refueling, service, and maintenance of vehicles and equipment will generally be carried out in designated areas at temporary construction camps and temporary laydown areas located a minimum of 120 from waterbodies to the extent possible. These areas will be designed and constructed to collect and contain minor leaks and spills. If refueling within 120 of a waterbody cannot be avoided, enhanced spill containment measures will be used. In the event that refuelling, servicing and maintenance is required in the field, 120 m buffer will be respected to the extent possible. There may be locations where this is not possible due to the prevalence of wetlands; however, in these locations enhanced spill containment measures will be used.	Section 6.2 Section 6.4 Section 6.5	Commitment included in the EA
205	During construction and operation and maintenance, existing access roads will be used as much as possible to limit disturbance resulting from construction of new access roads and trails.	Section 6.2 Section 6.4 Section 6.5 Section 6.6	Commitment included in the EA
206	Transport to the construction camp and site will generally be completed using multi-passenger vehicles. Personal vehicles will be minimized to the extent practicable.	Section 6.2 Section 6.4 Section 6.5 Section 6.7 Section 7.8 Section 7.2	Commitment included in the EA
207	Temporary access roads and trails, temporary construction camps, turn-around areas, waterbody crossings, wetland crossings and temporary laydown areas will be decommissioned and reclaimed at the end of construction.	Section 6.2 Section 6.4 Section 6.6	Commitment included in the EA



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208	Herbicides will not be used during construction of the Project or for future maintenance of this transmission line.	Section 6.2 Section 6.4 Section 6.6 Section 7.7 Section 7.8	Commitment included in the EA
209	Multi-passenger vehicles will be used to transport personnel, where practical (Charter buses). Establish user agreements with transportation service providers with sufficient capacity to supply both the Project and their existing and anticipated user base.	Section 6.2 Section 6.4 Section 6.7 Section 6.8 Section 7.2	Commitment included in the EA
210	Fuel and hazardous materials will be transported in approved containers in licensed vehicles. Transportation of fuel on winter roads will only take place in safe ice conditions.	Section 6.2 Section 6.4 Section 7.2 Section 7.3	Commitment included in the EA
211	Hydro One with its contractor will prepare and implement Waste Management Plans that describe the appropriate management of solid, liquid and hazardous waste, including: <ul style="list-style-type: none"> ● Construction related garbage, debris, and surplus materials. ● Hazardous materials such as used oil, filter and grease cartridges, lubrication containers. ● Domestic garbage and camp waste (i.e., food and grey water). 	Section 6.2 Section 6.4 Section 7.2 Section 7.3	Commitment included in the EA
212	Dust control practices (e.g., wetting with water) will be employed at concrete batch plants, work sites and on access roads near residential areas. Calcium chloride may be used along municipal roads near residences to reduce dust and improve safety where there is increased Project traffic interface with public road users. Application of calcium chloride by Hydro One will be completed in consultation with road authorities and will not occur within 120 m of a waterbody or wetland.	Section 6.2 Section 6.4	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
213	Machinery and equipment will arrive on-site in a clean condition and will be inspected and maintained routinely to minimize potential for fluid leaks.	Section 6.2 Section 6.5 Section 6.6	Commitment included in the EA
214	All aggregate pits and quarries will be located a minimum of 120 m away from the ordinary high-water mark of a waterbody, where possible and newly permitted sand and gravel pits will remain 1.5 m above the water table. The aggregate pits will follow the guidelines outlined in the Aggregates Permits on Crown Lands for Pits and Quarries above Water (MNRF 2014b) and the Forest Management Planning Manual (MNRF 2020a) and will meet the conditions set out in the <i>Aggregate Resources Act</i> (Ontario 1990a) and Ontario Standards (MNRF 2020b), including development of a rehabilitation plan.	Section 6.2 Section 6.6	Commitment included in the EA
215	Buffer zones of 30 m will be maintained around waterbodies, and removal of riparian vegetation will be limited to the extent practical and to the requirement of the access road and alignment clearing width only. Clearing at water crossings along the ROW will generally be limited to a 10 m wide ROW for equipment access to water crossing structures (e.g., temporary bridges).	Section 6.2 Section 6.6	Commitment included in the EA
216	Temporary Erosion and Sedimentation Control measures must be: <ul style="list-style-type: none"> ● Effectively installed; ● Installed before or immediately after initial disturbance; and ● Monitored and effectively maintained (e.g., repaired, replaced or supplemented with functional materials) throughout construction until permanent erosion control is established or reclamation is complete. 	Section 6.2 Section 6.6 Section 7.5	Commitment included in the EA

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217	Where reasonable and practicable, vehicles and equipment will be turned off when not in use, unless weather and/or safety conditions dictate the need for them to remain turned on and in a safe operating condition.	Section 6.2 Section 6.7 Section 6.4 Section 7.8 Section 6.9 Section 7.2	Commitment included in the EA
218	Vehicles and equipment will be regularly serviced, maintained and inspected for leaks.	Section 6.2 Section 6.7 Section 6.4 Section 7.2	Commitment included in the EA
219	Multistage drainage and sediment controls to collect and treat stormwater runoff from Project components will be employed at work sites as appropriate.	Section 6.2 Section 7.5	Commitment included in the EA
220	New access roads or trails will be designed and constructed in accordance with the MNR Environmental Guidelines for Access Roads and Water Crossings (1990).	Section 6.2 Section 7.5	Commitment included in the EA
221	Seeding will follow as close as possible to final cleanup and topsoil material replacement pending seasonal or weather conditions.	Section 6.2 Section 7.5	Commitment included in the EA
222	Temporary construction camps, temporary laydown areas and other Project activities will be located a minimum of 30 m away from the ordinary high-water mark of a waterbody. The distance of the setback from the temporary construction camp, temporary laydown area, or storage area will depend on the slope adjacent to the waterbody and will follow the guidelines outlined in the <i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNR 2010).	Section 6.2 Section 7.5	Commitment included in the EA
223	Temporary laydown areas and temporary construction camps will be constructed on existing disturbed areas and/or at reasonably flat areas with stable soil, where possible.	Section 6.2 Section 7.5	Commitment included in the EA



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224	The transmission line ROW, and existing roads and trails will be used for access, to the extent practicable, to minimize changes in land cover.	Section 6.2 Section 7.5	Commitment included in the EA
225	Avoiding construction below the groundwater table where practicable.	Section 6.3	Commitment included in the EA
226	Avoiding foundation construction requiring dewatering where groundwater will be encountered if feasible.	Section 6.3	Commitment included in the EA
227	Avoiding work within designated HVAs where practicable.	Section 6.3	Commitment included in the EA
228	Conducting dewatering according to regulatory and permit requirements.	Section 6.3	Commitment included in the EA
229	Constructing and decommissioning dewatering wells according to regulatory requirements.	Section 6.3	Commitment included in the EA
230	Constructing, permitting, and decommissioning water supply wells according to applicable regulations.	Section 6.3	Commitment included in the EA
231	Containing and treating temporary camp sewage and grey water prior to on-site discharge via an approved and permitted sewage system or removal by a licenced contractor for off-site disposal at an approved disposal facility.	Section 6.3	Commitment included in the EA
232	Containing dewatering discharge that does not meet regulatory or permit requirements and treating or disposing of the discharge at a licensed disposal facility.	Section 6.3	Commitment included in the EA
233	Contaminated groundwater, if encountered, will be contained and disposed of at an off-site licensed facility.	Section 6.3	Commitment included in the EA
234	Daily monitoring of environmentally sensitive features, such as water bodies and springs.	Section 6.3	Commitment included in the EA
235	Designating concrete and equipment wash areas.	Section 6.3	Commitment included in the EA

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236	Developing waste management plans for all Project waste streams that comply with regulations and include spill prevention, and ensuring that employees are trained in material handling, spill prevention, and spill response and clean-up.	Section 6.3	Commitment included in the EA
237	Discharging groundwater from excavations to designated areas on site, more than 30 m away from surface waterbodies where it can infiltrate the ground surface.	Section 6.3	Commitment included in the EA
238	Equipping work areas and equipment with spill kits for spill response.	Section 6.3	Commitment included in the EA
239	Establishing quarries above the water table only.	Section 6.3	Commitment included in the EA
240	Following all applicable regulatory and permit requirements for explosives storage, use, and disposal.	Section 6.3	Commitment included in the EA
241	Hydro One with their contractor(s) will prepare and implement an EPP and Blasting and Communication Management Plan.	Section 6.3	Commitment included in the EA
242	Hydro One with their contractor(s) will prepare and implement an EPP and Groundwater Dewatering and Discharge Plan.	Section 6.3	Commitment included in the EA
243	Hydro One with their contractor(s) will prepare and implement an EPP, Blasting and Communication Management Plan, Spill and Emergency Preparedness and Response Plan, Waste Management and Disposal Plan, and Groundwater Dewatering and Discharge Plan.	Section 6.3	Commitment included in the EA
244	Inspecting water system regularly and maintaining records of discharge volumes, locations and times.	Section 6.3	Commitment included in the EA
245	Limiting all work to within the ROW as much as possible.	Section 6.3	Commitment included in the EA
246	Limiting clearing and grading to only where necessary.	Section 6.3	Commitment included in the EA
247	Limiting soil stripping wherever possible, maintaining access roads and establishing safe driving rules for Project vehicles.	Section 6.3	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
248	Locating construction camps outside of the required buffer zone for water bodies and wetlands.	Section 6.3	Commitment included in the EA
249	Locating laydown and fly yards, construction camps and aggregate pits and quarries in previously disturbed areas wherever practicable.	Section 6.3	Commitment included in the EA
250	Locating Project facilities involving large areas of hardened surfaces, such as construction camps and laydown yards, outside of designated SGRA to the extent practicable.	Section 6.3	Commitment included in the EA
251	Maintaining soil cover on the ROW as much as practicable.	Section 6.3	Commitment included in the EA
252	Monitoring of dewatering according to permit requirements.	Section 6.3	Commitment included in the EA
253	Prohibiting refuelling of equipment near sensitive receptors.	Section 6.3	Commitment included in the EA
254	Providing secondary containment for all bulk fuel storage.	Section 6.3	Commitment included in the EA
255	Recording water taking amounts, times and locations.	Section 6.3	Commitment included in the EA
256	Removing temporary access roads and workspaces following construction.	Section 6.3	Commitment included in the EA
257	Replacing and regrading any removed soil in workspaces.	Section 6.3	Commitment included in the EA
258	Restricting stumping and grading to work areas and avoid on slopes.	Section 6.3	Commitment included in the EA
259	Retaining low vegetation along the ROW where feasible.	Section 6.3	Commitment included in the EA
260	Revegetating cleared areas following construction where necessary.	Section 6.3	Commitment included in the EA
261	Training for spill response, clean-up and disposal.	Section 6.3	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
262	Transportation and storage of hazardous materials will follow all applicable regulatory requirements, conducting and documenting regular inspections of material storage and equipment.	Section 6.3	Commitment included in the EA
263	Using blast patterns designed to minimize ground disturbance outside of the target area.	Section 6.3	Commitment included in the EA
264	Working with private landowners to identify wells with the potential to be affected by the Project, and ways in which construction can be modified to reduce those effects.	Section 6.3	Commitment included in the EA
265	Working with private landowners to provide alternative water supply if required.	Section 6.3	Commitment included in the EA
266	A Blasting and Communications Management Plan will be prepared and implemented to limit the amount of chemical residue in the environment. The Blasting and Communication Management Plan will include measures to address the following items: <ul style="list-style-type: none"> ● Stakeholder notification; ● Storage, Transportation and Use; ● Security; ● Environmentally Sensitive Areas; and ● Waterbodies. 	Section 6.4	Commitment included in the EA
267	A Dust Control/Air Quality Plan will also be included as part of the EPP that will be provided to affected Indigenous communities for review and input at least 90 days in advance of construction.	Section 6.4	Commitment included in the EA
268	A post-construction assessment process will be established, to assess and respond to reclamation needs within the ROW following completion of construction. Seeding will be completed during the spring and/or summer months, when conditions are most favorable.	Section 6.4	Commitment included in the EA
269	All ROW traffic will be restricted to a single, established travel lane and only use approved access routes.	Section 6.4	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
270	Allow compatible vegetation within the ROW, including riparian vegetation buffer.	Section 6.4	Commitment included in the EA
271	Areas disturbed by aggregate placement will be recontoured to return hydrology and drainage to similar pre-construction conditions.	Section 6.4	Commitment included in the EA
272	Avoid burning slash piles in peat-rich areas where residual fires could smoulder after April 1.	Section 6.4	Commitment included in the EA
273	Avoid burning slash piles when a fire hazard is present.	Section 6.4	Commitment included in the EA
274	Avoid disturbance within wild rice habitat and maintain a 30 m protective buffer. Where this is not reasonably possible, further assessment will be undertaken to support development of an enhanced mitigation plan for respective areas, and engagement with applicable Indigenous communities.	Section 6.4	Commitment included in the EA
275	Avoid locating slash burn piles in peat-rich areas where residual fires could persist after construction.	Section 6.4	Commitment included in the EA
276	Compacted areas will be ripped or otherwise treated to loosen soil and facilitate natural revegetation. Reclamation activities are anticipated to occur immediately after construction, which would decrease the negative effects to physical, chemical and biological properties of soil from stockpiling (i.e., stockpiling would happen only over the short-term). Prior to reclamation activities, a reclamation plan will be developed and can be provided to MNRF. The plan will consist of a map depicting the level of reclamation for each segment of road and a corresponding description of the reclamation activities to be undertaken for each level of reclamation.	Section 6.4	Commitment included in the EA
277	Construction will implement effective dust suppression techniques, such as on-site watering, as necessary to minimize fugitive dust at worksites and access roads as required.	Section 6.4	Commitment included in the EA
278	Continue to engage with MECP SARB regarding ESA permitting requirements for black ash including site specific mitigation measures for the protection and conservation of the species.	Section 6.4	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
279	Decompact subsoils, temporary access trails and soils damaged during wet weather.	Section 6.4	Commitment included in the EA
280	Dust control practices (e.g., wetting with water) will be employed at concrete batch plants, work sites and on access roads as appropriate.	Section 6.4	Commitment included in the EA
281	Follow established vegetation management procedures to ensure protection of wildlife and adjacent vegetation. Where vegetation management is considered necessary, mechanical methods will be used. Control of non-native species will be a priority.	Section 6.4	Commitment included in the EA
282	Follow the appropriate mitigation measures listed in a Soil Management Plan prepared by the contractor.	Section 6.4	Commitment included in the EA
283	Hydro One or their contractor(s) will prepare and implement a Soil Management Plan.	Section 6.4	Commitment included in the EA
284	If timber and brush are disposed of by mechanical means (i.e., mulching or chipping), the material must be dispersed in a way to avoid accumulation of flammable material and comply with the <i>Forest Fires Prevention Act</i> .	Section 6.4	Commitment included in the EA
285	In the event a rare plant species or a rare vegetation community are suspected or encountered unexpectedly, appropriate avoidance or mitigation measures will be applied.	Section 6.4	Commitment included in the EA
286	In the event a rare plant species or a rare vegetation community are suspected or encountered unexpectedly, or cannot be avoided, appropriate avoidance or mitigation measures will be applied; Known sensitive ecological features will be clearly marked (e.g., wetlands and significant wildlife habitat) with associated setbacks.	Section 6.4	Commitment included in the EA
287	In-situ mulch may also be used to help stabilize soils prone to erosion in combination with other erosion control measures.	Section 6.4	Commitment included in the EA
288	Install culverts or temporary bridges using best management practices and following environmental approval conditions	Section 6.4	Commitment included in the EA
289	Known sensitive ecological features will be clearly marked (e.g., wetlands and significant wildlife habitat) with associated setbacks.	Section 6.4	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
290	Limit to the extent practicable the construction of temporary (e.g., access road, travel lane) and permanent (tower foundations) structures in wetlands or within a 30 m setback from a wetland.	Section 6.4	Commitment included in the EA
291	Management plans will be developed before construction activities for vegetation and wetlands including a Vegetation Management Plan which will include rare plant management techniques and Invasive Species and Biosecurity Management Plan.	Section 6.4	Commitment included in the EA
292	Mechanical removal methods will be used for initial vegetation removal.	Section 6.4	Commitment included in the EA
293	Minimize burning of slash piles within 100 m of a waterbody to the extent practicable.	Section 6.4	Commitment included in the EA
294	Minimize disturbance to and access to trapping and hunting areas where possible during the construction stage and during the infrequent periods for operation and maintenance activities for safety reasons.	Section 6.4	Commitment included in the EA
295	Minimize dust-generating activities, as practicable and where required, during periods of high wind to limit dust emissions and spread.	Section 6.4	Commitment included in the EA
296	Mitigation measures will be outlined in the EPP to address items such as re-grading, subsoil compaction, subsoil and topsoil replacement, seeding and revegetation, and temporary watercourse structure removal as it pertains to Final Reclamation.	Section 6.4	Commitment included in the EA
297	Mulch will be generated in areas that have minimal salvageable timber. In these locations, generated mulch will be spread across the ROW to avoid accumulation of flammable material. Mulch chips are not to exceed a spread depth of 18 cm. Generally, mulch depths in wetland areas are minimal since there is insufficient fibre to generate large mulch depths.	Section 6.4	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
298	Natural recovery is the preferred method over seeding of reclamation on level terrain where erosion is not expected. Enhanced vegetation recovery methods (e.g., seeding, planting seedlings) will be implemented where these enhanced methods are appropriate. If seeding is required, seed erosion prone areas in accordance with MNRF, or other applicable regulatory agency, requirements to promote plant species establishment during reclamation. Seeding will follow as close as possible to final cleanup and topsoil material replacement pending seasonal or weather conditions. Areas that have had aggregate placed will be recontoured as necessary to return hydrology and drainage to pre-construction conditions. The stored topsoil and organic material will be spread over the surface. All sites will be left in a stable and self-sustaining condition though areas that may be prone to erosion will be seeded in accordance with MNRF, or other applicable regulatory agency, requirements to ensure prompt revegetation.	Section 6.4	Commitment included in the EA
299	Practices to ensure black ash wood is properly disposed to prevent the spread of the invasive species, emerald ash borer, will be implemented to the extent practicable, such as those outlined by the Canadian Food Inspection Agency (2020) (e.g., not transporting these trees/logs away from the source).	Section 6.4	Commitment included in the EA
300	Prepare and implement appropriate vegetation management procedures that describe the appropriate management of construction materials and equipment to prevent the infiltration and spread of weeds, including: <ul style="list-style-type: none"> ● Cleaning and inspection of vehicles and equipment prior to Project site entry; ● Re-cleaning vehicles and equipment if an area of weed infestation is encountered, prior to advancing to a weed free area; ● Locating and managing cleaning locations on the Project footprint; and ● or areas requiring re-vegetation following the completion of the Project, use approved seed mixes in accordance with MNRF, or other applicable regulatory agency, requirements and/or tree saplings of native species. 	Section 6.4	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
301	Progressive reclamation of disturbed areas will be practiced.	Section 6.4	Commitment included in the EA
302	Proper delineation of Project footprint will be executed to avoid encroachment into natural vegetation to be retained on edge of development and ensure areas beyond the Project footprint are not disturbed (e.g., avoidance flagging, tree protection fences, silt fences around wetlands and waterbodies).	Section 6.4	Commitment included in the EA
303	Reclamation and clean up activities will occur progressively throughout the construction of the Project. These activities will include, but not be limited to, removing refuse, grading disturbed areas, contouring disturbed slopes to a stable profile, and re-establishing natural drainage patterns.	Section 6.4	Commitment included in the EA
304	Recontour disturbed areas to restore drainage patterns and the approximate pre-construction profile.	Section 6.4	Commitment included in the EA
305	Residual logging debris and timber not reserved for landowner use may be mulched in place and spread on the ROW or piled and burned contingent on the approval of a burn plan. Designated tree species (if applicable) will be disposed of in accordance with local or provincial regulations.	Section 6.4	Commitment included in the EA
306	Restrict grubbing within areas with steep slopes or soils with risk of erosion.	Section 6.4	Commitment included in the EA
307	Retain compatible vegetation, coarse woody debris and plants, and other sensitive plants (e.g., black ash, SOCC, SWH) where feasible as practicable and will be considered for further mitigation action as appropriate.	Section 6.4	Commitment included in the EA
308	Re-vegetation efforts will be timed to take advantage of favourable moisture and temperature conditions.	Section 6.4	Commitment included in the EA
309	Soil stockpiles will be vegetated, where appropriate (e.g., if soils are prone to wind erosion).	Section 6.4	Commitment included in the EA
310	Stabilize erodible soils as soon as practicable by seeding, spreading mulch or installing erosion control blankets.	Section 6.4	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
311	Strip the topsoil at burn locations to prevent sterilization of the soil.	Section 6.4	Commitment included in the EA
312	The construction of temporary (e.g., access road) and permanent (e.g., tower foundations) facilities in wetlands or within a 30 m setback from a wetland will be avoided as practicable.	Section 6.4	Commitment included in the EA
313	The Project will provide direction on topsoil stripping, stockpiling, salvage and prioritized placement on the landscape and is further discussed in the physiography and geology assessment in Section 6.1.	Section 6.4	Commitment included in the EA
314	Unless directed otherwise by the MNRF, new access roads will be recontoured and stored topsoil and organic material will be spread across the disturbed road width. Natural drainage will be restored.	Section 6.4	Commitment included in the EA
315	Use clearing equipment that minimizes surface disturbance, soil compaction and topsoil loss (e.g., equipment with low ground pressure tracks or tires, blade shores and brush), to the extent practicable.	Section 6.4	Commitment included in the EA
316	Use natural recovery in wetlands;	Section 6.4	Commitment included in the EA
317	Vehicles and equipment are to arrive on-site in a clean condition and will be regularly serviced, maintained and inspected for leaks.	Section 6.4	Commitment included in the EA
318	Where construction is required within wetlands and is not already approved under MNRF permits, MNRF will be notified as soon as possible. Work may not be conducted unless clearance is obtained from the appropriate regulatory agencies.	Section 6.4	Commitment included in the EA
319	Other slash and debris resulting from mechanical clearing operations will be spread to ensure depths do not exceed 0.3 m or will be piled and burned. In areas that are hand felled only, trees will be bucked and delimbed to lie close to the ground.	Section 6.4 Section 6.5	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
320	Proposed locations of temporary construction camps and temporary laydown areas will be field verified to avoid wetlands including bogs and fens, to the extent practicable. Where possible, schedule work activities in wet areas during frozen conditions.	Section 6.4 Section 6.5	Commitment included in the EA
321	Under nonfrozen conditions and where regulatory approvals allow, install mats (e.g., rig mats, swamp mats or access mats) to limit effects to wetlands, if warranted and surface conditions require. Alternative crossing measures will be used in areas which occur below a high-water mark (see Section 6.6).	Section 6.4 Section 6.5	Commitment included in the EA
322	Use of vegetation management practices to maintain vegetation within the transmission line ROW. For example, implementation of a “wire zone – border zone” approach to vegetation management (Ballard et al. 2007) where appropriate in the ROW. This method manages vegetation in the two zones, where herb/grass/forb species are promoted in the wire zone, and shrub/short tree species are promoted in the border zone. This approach allows for the safe delivery of electricity while also fostering wildlife habitat and biodiversity, and simultaneously developing overall aesthetics and decreased long-term vegetation management costs.	Section 6.4 Section 6.5 Section 6.6	Commitment included in the EA
323	Enhanced vegetation recovery methods (e.g., seeding, planting seedlings) will be implemented where these enhanced methods are appropriate. For example, Hydro One will plant seedlings along new off-ROW access roads in conservation reserves and provincial parks. Further, waterbody crossing locations that have been removed after construction will be seeded in accordance with MNRF, or other applicable regulatory agency, requirements.	Section 6.4 Section 6.6	Commitment included in the EA
324	Slash pile burning will be subject to permits and approvals by appropriate regulatory agencies. Slash piles will be burned in compliance with O. Reg. 207/96.	Section 6.4 Section 6.7 Section 7.8	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
325	Hydro One or its contractor(s) will prepare and implement a Dust Control/Air Quality Plan prior to construction.	Section 6.4 Section 6.7 Section 7.2	Commitment included in the EA
326	Minimize vehicular traffic to exposed soils and stabilize high traffic areas with suitable cover material.	Section 6.4 Section 6.7 Section 7.2	Commitment included in the EA
327	Obey all speed limits to limit fugitive dust.	Section 6.4 Section 6.7 Section 7.2	Commitment included in the EA
328	Restore disturbed areas as soon as reasonably possible to minimize duration of soil exposure.	Section 6.4 Section 6.7 Section 7.2	Commitment included in the EA
329	Hydro One will work with sustainable forestry license holders to manage merchantable timber cleared by the Project.	Section 6.4 Section 6.8	Commitment included in the EA
330	Progressive reclamation of disturbed areas will be practiced. Temporary access roads and trails, temporary construction camps, turn around areas, and temporary laydown areas will be reclaimed at the end of construction.	Section 6.4 Section 7.5	Commitment included in the EA
331	Calcium chloride may be used along municipal roads near residences to reduce dust and improve safety where there is increased Project traffic interface with public road users. Application of calcium chloride by Hydro One will be completed in consultation with road authorities and will not occur within 120 m of a waterbody or wetland.	Section 6.4 Section 7.7	Commitment included in the EA
332	If tree removals or other activities cannot be avoided within the 400 m buffer around bald eagle nests during the critical breeding period (March 1 to August 31) Hydro One will engage with MNRF to discuss if additional mitigation measures are required. If removal of a bald eagle (or other raptor) nest is required, Hydro One will engage with the MNRF and MECF SARB to acquire all appropriate permits for this work.	Section 6.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
333	Install nest platforms to replace or enhance habitat during reclamation if a tree with an existing bald eagle nest is cut down or the 400 m setback cannot be achieved.	Section 6.5	Commitment included in the EA
334	Managing tree clearing activities to the extent possible so that removal will occur outside of the bald eagle critical breeding period (March 1 to August 31).	Section 6.5	Commitment included in the EA
335	Surveys at identified active nest sites of known bald eagle (or other raptor) occurrence records.	Section 6.5	Commitment included in the EA
336	Avoid moderate to high impact operations (including helicopter flights, drilling, blasting and implosion splicing) to the extent practicable within 400 m of an active bald eagle (or other raptor) nest during the critical breeding period (March 1 to August 31).	Section 6.5	Commitment included in the EA
337	Avoid moderate to high impact operations causing sensory disturbance (including tree removal, helicopter flights, blasting, drilling and implosion splicing) to the extent practicable within 400 m of an active bald eagle (or other raptor) nest during the critical breeding period (March 1 to August 31). If activities are required within the protective nest buffer zone during the critical breeding period, engage with MNRF to acquire appropriate permits for this work.	Section 6.5	Commitment included in the EA
338	If a bank swallow nesting colony is identified, a 50 m setback will be applied between April 15 to August 31 for all construction activities causing sensory disturbance.	Section 6.5	Commitment included in the EA
339	Implement best management practices for the protection of bank swallow habitat (per MNRF 2017) where stock piling of aggregate materials is required.	Section 6.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
340	Surveys at identified active nest sites of known bank swallow colony occurrence records.	Section 6.5	Commitment included in the EA
341	Where stock piling of aggregate materials is required, implement MNRF Best Management Practices (BMPs) for protection of bank swallow habitat (MNRF 2017).	Section 6.5	Commitment included in the EA
342	Avoid moderate to high impact operations (including helicopter flights, drilling, blasting and implosion splicing) within 50 m of an active bank swallow colony during the migratory bird nesting period (April 15 to August 31)	Section 6.5	Commitment included in the EA
343	Avoid moderate to high impact operations causing sensory disturbance (including vegetation removal, helicopter flights, blasting, drilling and implosion splicing) to the extent practicable within 500 m of bank swallow habitat during the breeding period (April 15 to August 31), where feasible.	Section 6.5	Commitment included in the EA
344	Avoid vegetation removal within confirmed bank swallow habitat during the migratory bird nesting period (April 15 to August 31). If vegetation removal or other activities are required during this period, engage with MECP to acquire permits for this work.	Section 6.5	Commitment included in the EA
345	Avoid vegetation removal within confirmed bank swallow habitat during the migratory bird nesting period (April 15 to August 31). If vegetation removal or other activities are required during this period, engage with MECP SARB to acquire permits for this work.	Section 6.5	Commitment included in the EA
346	Bank swallow nesting colony sites will be added to the content of the EPP.	Section 6.5	Commitment included in the EA
347	If a bobolink nest is identified, a 500 m setback will be applied to between April 15 to August 31 for all construction activities causing sensory disturbance.	Section 6.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
348	Managing vegetation removal activities so that within Confirmed Bobolink habitats, removal does not occur within the migratory bird nesting period (April 15 to August 31).	Section 6.5	Commitment included in the EA
349	Surveys at known bobolink occurrence records (within the last 20 years) during the breeding season (May 24 to August 14).	Section 6.5	Commitment included in the EA
350	Avoid moderate to high impact operations (including helicopter flights, drilling, blasting and implosion slicing) within 500 m of confirmed bobolink habitat during the migratory bird nesting period (April 15 to August 31).	Section 6.5	Commitment included in the EA
351	Avoid moderate to high impact operations causing sensory disturbance (including vegetation removal, helicopter flights, blasting, drilling and implosion splicing) to the extent practicable within 500 m of bobolink habitat during the breeding period (April 15 to August 31).	Section 6.5	Commitment included in the EA
352	Avoid vegetation removal within confirmed bobolink habitat during the migratory bird nesting period (April 15 to August 31). If vegetation removal or other activities are required during this period, engage with MECP to acquire permits for this work.	Section 6.5	Commitment included in the EA
353	If an active/inactive barn swallow or chimney swift nesting colony is identified during pre-construction surveys or during active construction, including during structure and vegetation removal, the contractor will stop work immediately, leave the area and contact MECP and other appropriate agencies to discuss next steps. Structures with barn swallow nests can be removed outside of the breeding season (April 15 to August 31). Structures that support roosting chimney swifts or chimney swift nests can be removed outside the chimney swift active season (between May 15 to August 31 as determined through eBird data for this species, specific to Rainy River and Thunder Bay Districts (eBird 2023)) after the MECP is notified of this activity by submitting a notice of activity to the Registry using the “Chimney Swift – Activities in Built Structures that are Habitat” form.	Section 6.5	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
354	Avoid moderate to high impact operations causing sensory disturbance (including vegetation removal, helicopter flights, blasting, drilling and implosion splicing) to the extent practicable within 500 m of chimney swift habitat during the breeding period (April 15 to August 31).	Section 6.5	Commitment included in the EA
355	Avoid removal of structures with confirmed chimney swift use during the chimney swift active season (May 15 to August 31). These structures will be removed outside of the active season once MECP has been notified by submitting a notice of activity to the online Registry.	Section 6.5	Commitment included in the EA
356	Avoid vegetation removal within confirmed chimney swift habitat during the migratory bird nesting period (April 15 to August 31). If vegetation removal or other activities are required during this period, engage with MECP to acquire permits for this work.	Section 6.5	Commitment included in the EA
357	If a chimney swift nesting/roosting tree is identified, a 90 m buffer will be applied during the chimney swift active season (May 15 to August 31) as noted on eBird data for this species, specific to Rainy River and Thunder Bay Districts (eBird 2023).	Section 6.5	Commitment included in the EA
358	If structure/vegetation removal or other activities cannot be avoided within chimney swift habitat during the migratory bird nesting period (i.e., April 15 to August 31), Hydro One will engage with MECP SARB to acquire appropriate permits for this work.	Section 6.5	Commitment included in the EA
359	Manage structure removals so that removal does not occur during the chimney swift active season (May 15 to August 31) if the structure is Confirmed chimney swift habitat.	Section 6.5	Commitment included in the EA
360	Manage vegetation removal activities so that removal does not occur within Confirmed barn swallow and chimney swift habitat within the migratory bird nesting period (April 15 to August 31) to the extent possible.	Section 6.5	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
361	Structures with barn swallow nests can be removed outside of the breeding season (April 15 to August 31). Structures that support roosting chimney swifts or chimney swift nests can be removed outside the chimney swift active season (between May 15 – August 31 as determined through eBird data for this species, specific to Rainy River and Thunder Bay Districts (eBird 2023) after the MECP is notified of this activity by submitting a notice of activity to the Registry using the “Chimney Swift – Activities in Built Structures that are Habitat” form.	Section 6.5	Commitment included in the EA
362	Surveys at anthropogenic structures (i.e., buildings, culverts, bridges) to search for barn swallow and chimney swift nests or roosting individuals prior to disturbance at the structure. Chimney swift surveys will be conducted in accordance with the Ontario SwiftWatch protocol (Birds Canada 2023b) and occur between May 15 – August 31 as determined through eBird data for this species, specific to Rainy River and Thunder Bay .Districts (eBird 2023).	Section 6.5	Commitment included in the EA
363	Surveys at identified active nest sites of known barn swallow and chimney swift colony occurrence records to confirm presence of nesting and/or roosting individuals. Chimney swift surveys will be conducted in accordance with the Ontario SwiftWatch protocol (Birds Canada 2023b).	Section 6.5	Commitment included in the EA
364	Avoid moderate to high impact operations (including helicopter flights, drilling, blasting and implosion slicing) within 500 m of confirmed chimney swift habitat during the migratory bird nesting period (April 15 to August 31).	Section 6.5	Commitment included in the EA
365	If an eastern whip-poor-will nest is identified, a 500 m setback will be applied between April 15 to August 31 for all construction activities causing sensory disturbance.	Section 6.5	Commitment included in the EA
366	Manage vegetation removal activities within Confirmed eastern whip-poor-will habitats, so that removal does not occur within the migratory bird nesting period (April 15 to August 31).	Section 6.5	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
367	Surveys at known eastern whip-poor-will occurrence records.	Section 6.5	Commitment included in the EA
368	Avoid moderate to high impact operations (including helicopter flights, drilling, blasting and implosion slicing) within 500 m of confirmed eastern whip-poor-will habitat during the migratory bird nesting period (April 15 to August 31).	Section 6.5	Commitment included in the EA
369	Avoid moderate to high impact operations causing sensory disturbance (including vegetation removal, helicopter flights, blasting, drilling and implosion splicing) to the extent practicable within 500 m of whip-poor-will habitat during the breeding period (April 15 to August 31).	Section 6.5	Commitment included in the EA
370	Avoid vegetation removal within confirmed whip-poor-will habitat during the migratory bird nesting period (April 15 to August 31). If vegetation removal or other activities are required during this period, engage with MECP to acquire permits for this work.	Section 6.5	Commitment included in the EA
371	Avoiding moderate to high impact operations (including helicopter flights, drilling, blasting and implosion slicing) to the extent practicable within 500 m of confirmed eastern whip-poor-will habitat during the migratory bird nesting period (April 15 to August 31).	Section 6.5	Commitment included in the EA
372	If a gray fox den is identified during construction or operations, and should the February 15 to July 15 period not be able to be maintained within the buffer widths identified, local MECP SARB offices will be contacted to develop a den management plan and appropriate Indigenous communities will be notified, where requested.	Section 6.5	Commitment included in the EA
373	If an active fox den is identified during active construction, including during vegetation removal, work will stop and local MECP SARB offices will be contacted immediately. The den will be clearly marked with a GPS waypoint, a 100 m buffer surrounding the den will be established by flagging the buffer and no vegetation removal will proceed within that buffer until MECP is contacted for next steps.	Section 6.5	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
374	Surveys to identify den sites within home ranges of known gray fox occurrence records.	Section 6.5	Commitment included in the EA
375	Avoid vegetation removal and all construction activities that cause sensory disturbance within 100 m of gray fox den from February 15 to July 15 of each year to avoid disturbing denning gray fox.	Section 6.5	Commitment included in the EA
376	Avoid vegetation removal and all construction activities that cause sensory disturbance within 100 m of gray fox den from February 15 to July 15 of each year to avoid disturbing denning gray fox.	Section 6.5	Commitment included in the EA
377	If a gray wolf den is identified during construction or operations, and should this timing not be able to be maintained within the buffer widths identified, local MNRF offices will be contacted to develop a den management plan and appropriate Indigenous communities will be notified, where requested.	Section 6.5	Commitment included in the EA
378	Avoid vegetation removal and all construction activities that cause sensory disturbance or loss of den site within 100 m of gray wolf den from March through June of each year to avoid disturbing denning gray wolf.	Section 6.5	Commitment included in the EA
379	Install temporary reptile and amphibian exclusion fencing where practicable and appropriate at a distance 30 m around wetlands with high potential as habitat for reptiles and amphibians prior to emergence from hibernation in areas of active construction. These high potential wetland habitats will be included in the EPP mapping and the associated mitigation measures will be followed. In areas with extensive amounts of high potential wetland habitat, exclusion fencing will consider eco-passages in order to maintain habitat connectivity. Design and installation of exclusion fencing will follow the principles and techniques described online at https://www.ontario.ca/page/reptile-and-amphibian-exclusion-fencing .	Section 6.5	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
380	To address work in wetlands during the winter period and the risk to overwintering turtles, exclusion fencing to prevent turtles from entering overwintering areas will be implemented where practicable and appropriate. Isolating and dewatering the aquatic work area prior to September 1 is an alternate mitigation measure that could be implemented where practicable and appropriate. This mitigation measure may not be appropriate in many instances given the ripple effects to other environmental discipline (i.e., surface water and fish and fish habitat) and the scale of the Project; however, this mitigation measure will be considered as applicable.	Section 6.5	Commitment included in the EA
381	Clearing will be conducted within the 200 - 500 m distance from hibernation habitat outside of the maternity season for bats (May 1 to August 31) providing noise and vibration created at the site is restricted to that associated with logging (e.g., chain saw, skidder, or mechanical harvesting equipment).	Section 6.5	Commitment included in the EA
382	If a previously unidentified occupied bat roost or a hibernaculum is encountered during construction: <ul style="list-style-type: none"> ● Contractor will immediately halt work in that location, clearly flag the areas around the wildlife feature to protect the feature, document the location and photograph the feature (if safe to do so), notify the Hydro One and report the incidence to the appropriate regulatory agencies, as needed. ● Suspend activity at that location until the resource specialist has assessed the feature and determined a suitable course of action in consultation with appropriate regulatory agencies. ● Hydro One/its contractor will report successes or challenges to the appropriate regulatory agencies to keep them informed of the situation in regards to species of concern. ● Work may be suspended or revised due to the discovery of a feature of concern. 	Section 6.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
383	Mitigation measures such as restricting tree clearing within bat maternity roost habitat during the maternity roost season (May 1 to August 31) is expected to avoid and limit sensory disturbance on maternity colonies. If potential maternity roost habitat is to be removed during the roosting period, it will be subject to ESA permitting and site-specific mitigation measures to be developed in consultation with the MECP. Hydro One will work with the MECP SARB to acquire all appropriate permits for this work.	Section 6.5	Commitment included in the EA
384	No Project-related disturbance will occur within 200 m of a bat hibernaculum without engagement and approval of regulatory agencies.	Section 6.5	Commitment included in the EA
385	No tree removal or other construction activities will be completed within 200 m of a bat hibernaculum.	Section 6.5	Commitment included in the EA
386	Project activities causing loud noise or vibrations (e.g., drilling, blasting, implosion splicing) will not be undertaken within 500 m of a bat hibernaculum during the hibernation period (August 1 to May 31).	Section 6.5	Commitment included in the EA
387	Avoid clearing maternity roost habitat during the bat maternity roosting period (May 1 to August 31). If potential maternity roost habitat is to be removed during the roosting period, it will be subject to ESA permitting requirements and site-specific mitigation measures that would be developed in consultation with the MECP SARB. Hydro One will work with the MECP SARB to acquire all appropriate permits for this work. If significant changes to the construction schedule are experienced, Hydro One will engage with the MECP SARB to understand any potential authorization requirements under the ESA.	Section 6.5	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
388	Limit to the extent practicable the construction of temporary (e.g., access road, travel lane) and permanent (tower foundations) structures in wetlands or within 30 m setback from a wetland. If construction cannot avoid wetlands and 30 m setback, MNRF will be notified as soon as possible prior to work starting. Work may will not be conducted unless approval is obtained from the appropriate regulatory agencies.	Section 6.5	Commitment included in the EA
389	Project components will be sited to provide a 120 m avoidance buffer of upland area to minimize impacts to aquatic feeding areas where possible. In areas where the buffer cannot be maintained, vegetation removal will be completed between December and March when moose are less likely to be using the aquatic feeding areas.	Section 6.5	Commitment included in the EA
390	Hydro One will prioritize avoiding sensitive or important moose areas (e.g., traditional hunting grounds, calving areas, late winter cover areas, mineral licks, etc.) when selecting alternate or preferred new access routes to minimize moose habitat loss and disturbance and during the selection and delineation of fly yards, laydown areas, aggregate sites, other project components, etc.	Section 6.5 Section 7.7 Section 7.8	Commitment included in the EA
391	Maintenance activities will typically occur during the daytime period from 07:00 to 19:00. In the event maintenance will occur beyond the daytime period, Hydro One will reevaluate the potential Project related effects and if required, review mitigation requirements.	Section 6.5	Commitment included in the EA
392	Transmission lines will be designed, constructed, and maintained so that during dry conditions they will minimize corona related sound.	Section 6.5	Commitment included in the EA
393	Avoid moderate to high impact operations (including helicopter flights, drilling, blasting and implosion splicing) within 400 m of a bald eagle (or other raptor) nest, during the critical breeding period (March 1 to August 31).	Section 6.5	Commitment included in the EA
394	Bald eagle and other raptor, swan nest sites will be added to the content of the EPP.	Section 6.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
395	A 50 m buffer will be applied to trumpeter swan (or other swan) nests during the during the migratory bird nesting period (April 15 to August 31).	Section 6.5	Commitment included in the EA
396	If a trumpeter swan nest is identified, a 50 m setback will be applied between April 15 to August 31 for all construction activities causing sensory disturbance.	Section 6.5	Commitment included in the EA
397	Surveys at identified active nest sites of known trumpeter swan occurrence records.	Section 6.5	Commitment included in the EA
398	Trumpeter swan nest sites will be added to the content of the EPP.	Section 6.5	Commitment included in the EA
399	Avoid moderate to high impact operations (including helicopter flights, drilling, blasting and implosion splicing) within 50 m of an active trumpeter swan (or other swan) nest during the trumpeter swan nesting period (April 15 to August 31),	Section 6.5	Commitment included in the EA
400	Avoid moderate to high impact operations (including vegetation removal, helicopter flights, drilling, blasting and implosion splicing) to the extent practicable within 50 m of an active trumpeter swan (or other swan) nest during the trumpeter swan nesting period (April 15 to August 31).	Section 6.5	Commitment included in the EA
401	Avoid vegetation removal trumpeter swan habitat during the migratory bird nesting period (April 15 to August 31). If vegetation removal or other activities are required during this period, conduct pre-clearing nest searches.	Section 6.5	Commitment included in the EA
402	Avoiding moderate to high impact operations (including helicopter flights, drilling, blasting and implosion splicing) to the extent possible within 50 m of an active trumpeter swan (or other swan) nest during the trumpeter swan nesting period (April 15 to August 31).	Section 6.5	Commitment included in the EA
403	If activities are required within the 50 m of an active trumpeter swan (or other swan) nest during the trumpeter swan nesting period (April 15 to August 31, conduct pre-clearing nest searches.	Section 6.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
404	Locate temporary workspaces outside the 30 m waterbody buffer, wherever practicable. If Project activities require equipment within the 30 m waterbody buffer (e.g., line stringing), appropriate regulatory approvals will be obtained.	Section 6.5	Commitment included in the EA
405	Unless approved by the appropriate regulatory agency, all access roads will be set back 30 m from all water bodies, except at waterbody crossing locations as identified in the crossing lists (i.e., access roads will not cross into the 30 m waterbody buffer).	Section 6.5	Commitment included in the EA
406	Use existing roads and trails to the extent possible and comply with conditions outlined in road use agreements.	Section 6.5	Commitment included in the EA
407	A Vegetation Management Plan including measures to protect rare plants and rare vegetation communities will be developed and implemented by the contractor. In the event a rare plant species or a rare vegetation community are encountered unexpectedly, or cannot be avoided, the rare plant protection measures outlined in the Vegetation Management Plan will be implemented.	Section 6.5	Commitment included in the EA
408	Construction will be completed as quickly and efficiently as possible near environmentally sensitive features to minimize the disturbance to fish and wildlife.	Section 6.5	Commitment included in the EA
409	Engage with applicable government agency (MECP, MNR and ECCC) if sensitive ecological features are encountered or cannot be avoided.	Section 6.5	Commitment included in the EA
410	Environmental training for workers, including information on active nest identification and procedures to follow if an active nest is identified.	Section 6.5	Commitment included in the EA
411	Erosion control practices would limit wind and water erosion on cover soil and overburden stockpiles (e.g., vegetation, erosion mats).	Section 6.5	Commitment included in the EA
412	Hunting and fishing on the Project site by Project personnel is prohibited.	Section 6.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
413	Hydro One and their contractor(s) will prepare and implement an EPP and a Cleanup and Reclamation Plan. Natural recovery is the preferred method of reclamation on Crown land, preferably with conifer dominated vegetation to be consistent with adjacent vegetation communities. Where necessary, seedling planting will occur to improve reclamation success. Conifer planting will occur on areas of temporary disturbance (e.g., temporary access roads, laydown areas, camps, and workspaces) where such forest types are naturally expected and/or where habitat enhancement is identified. Hydro One will confirm reclamation plans through engagement with Indigenous communities, the MNRF and local foresters. Effectiveness of reclamation efforts will be monitored and managed post-construction, including confirmation that vegetation communities that naturally regenerate (or were planted) are similar to adjacent vegetation communities. If required, adaptive management will be employed to modify or enhance any reclamation efforts. Erosion control practices would limit wind and water erosion on cover soil and overburden stockpiles (e.g., vegetation, erosion mats).	Section 6.5	Commitment included in the EA
414	Hydro One will minimize the total footprint of Project access roads by aligning construction and operations stage access planning to the extent possible.	Section 6.5	Commitment included in the EA
415	If a beaver lodge or dam requires removal then an Application to Interfere with/Destroy a Black Bear or Furbearing Mammal Den, Beaver Dam, Black Bear in Den will be submitted to the MNRF.	Section 6.5	Commitment included in the EA
416	If a beaver requires removal, the head trapper of the trapline (if within a trapline area) will be contacted and the required MNRF permits will be acquired as necessary.	Section 6.5	Commitment included in the EA
417	If adherence to the timing windows and restrictions is not possible, the Contractor will develop site specific mitigation and monitoring in consultation with appropriate regulatory agencies (e.g., MNRF, LRCA).	Section 6.5	Commitment included in the EA



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418	If an active den/beaver lodge is identified during active construction, including during vegetation removal, work will stop and local MNRF/MECP SARB offices (as appropriate) will be contacted immediately. The den/lodge will be clearly marked, a 100 m buffer surrounding the den will be established and no vegetation removal will proceed within that buffer until MNRF/MECP SARB is engaged.	Section 6.5	Commitment included in the EA
419	If nests are discovered during construction or operation and maintenance, the contractor will stop work immediately, leave the area, and the MECP, MNRF and/or ECCC will be contacted to discuss permitting requirements and/or next steps, and appropriate Indigenous communities will be contacted, as requested.	Section 6.5	Commitment included in the EA
420	If vegetation removal during construction and operation and maintenance activities cannot be avoided during the migratory bird nesting period (April 15 to August 31), pre-clearing nest searches will be completed. If any areas are found to have birds exhibiting agitated breeding behaviour, these areas, in addition to any active nests found, will be flagged and protected from clearance until the current breeding season has passed.	Section 6.5	Commitment included in the EA
421	If vegetation removal must be completed during the migratory bird nesting period (April 15 to August 31), implement nest sweeps. Similar measures will be taken for vegetation removal during routine ROW maintenance.	Section 6.5	Commitment included in the EA
422	If vegetation removal must be completed during the migratory bird nesting period (April 15 to August 31), implement pre-clearing nest searches (for species not protected under the ESA). Similar measures will be taken for vegetation removal during routine ROW maintenance.	Section 6.5	Commitment included in the EA
423	If vegetation removal will impact SAR or SCC habitat, Hydro One will engage with MECP, MNRF and/or ECCC to discuss permitting requirements and next steps, and appropriate Indigenous communities will be notified, where requested.	Section 6.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
424	Implement progressive reclamation and revegetation of disturbed areas no longer required.	Section 6.5	Commitment included in the EA
425	Implement the Wildlife Standard Mitigation listed for the potential effect on the loss or alteration of vegetation and topography can reduce or degrade wildlife habitat, and adversely affect their survival and reproduction potential' above. In addition, implement the following measures: - Environmental training for workers will include information on den/beaver lodge identification and procedures to follow if a den/lodge is identified.	Section 6.5	Commitment included in the EA
426	In the event that a nest is found, implement Wildlife Features of Concern Discovery Contingency Plan.	Section 6.5	Commitment included in the EA
427	<u>Limit the Project footprint to the extent feasible such as use of existing access roads.</u>	Section 6.5	Commitment included in the EA
428	Manage vegetation removal activities so that removal does not occur within the migratory bird nesting period (April 15 to August 31) to the extent reasonably possible.	Section 6.5	Commitment included in the EA
429	Obtain necessary environmental permits and approvals prior to the construction in environmentally sensitive areas.	Section 6.5	Commitment included in the EA
430	Prepare and implement a Vegetation Management Plan to keep vegetation from interfering with the safe and reliable operation and maintenance of the transmission line	Section 6.5	Commitment included in the EA
431	Recreational use of off-road vehicles by Project personnel will be prohibited in the Project footprint. Vehicles, including offroad vehicles, are to be driven in a responsible and environmentally respectful manner.	Section 6.5	Commitment included in the EA
432	Refine Project footprint in the planning stage to avoid known species of concern and/or their habitat, if required.	Section 6.5	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
433	Retain compatible shrub vegetation, trees, wildlife trees, and coarse woody debris in selective, environmentally sensitive areas, to the extent practicable and where safe to do so, to provide line of sight breaks. Known sensitive ecological features would be clearly marked (e.g., wetlands and significant wildlife habitat) with associated setbacks.	Section 6.5	Commitment included in the EA
434	Retain snags (i.e., standing or partially fallen dead trees) to provide wildlife habitat, where practicable.	Section 6.5	Commitment included in the EA
435	Revegetate with plant species that will maintain habitat quality to feature of concern (i.e., maintain the location as a feeding area) as appropriate.	Section 6.5	Commitment included in the EA
436	Salvage/rescue cut timber; disturbance to other areas; employ tree protection measures.	Section 6.5	Commitment included in the EA
437	Specific plant and/or material harvesting sites, such as blueberry patches identified by Indigenous communities, will be allowed to naturally revegetate in the ROW.	Section 6.5	Commitment included in the EA
438	The Contractor will adhere to the recommended construction timing windows and restrictions.	Section 6.5	Commitment included in the EA
439	The Contractor will follow all environmental permitting approval conditions.	Section 6.5	Commitment included in the EA
440	Vehicles will not exceed speed limits and will lower speeds in specific conditions such as areas of high erosion hazard and blind corners. Clearly mark speed limits along the access roads.	Section 6.5	Commitment included in the EA
441	Wildlife will not be fed or harassed.	Section 6.5	Commitment included in the EA
442	Build construction camps and laydown yards in areas with existing disturbance and near highways and existing transmission lines where possible.	Section 6.5	Commitment included in the EA



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443	Hydro One and their contractor will strictly prohibit carrying recreational firearms in company vehicles and storage of recreational firearms and all-terrain vehicles for personal use at project facilities (i.e., camps).	Section 6.5 Section 7.7 Section 7.8	Commitment included in the EA
444	Appropriate resource specialist will assess sensitive features and inspect or monitor Project activities at or near sensitive areas, as required.	Section 6.5	Commitment included in the EA
445	Follow best management practices for the installation, maintenance, removal, and reclamation of water crossing structures.	Section 6.5	Commitment included in the EA
446	Implement an Invasive Species and Biosecurity Management Plan.	Section 6.5	Commitment included in the EA
447	Implement dust control measures (e.g., spray dust control solution that holds moisture for a long period of time causing dust to settle).	Section 6.5	Commitment included in the EA
448	Install equipment waterbody crossing structures using best management practices and following environmental approval conditions.	Section 6.5	Commitment included in the EA
449	Keep equipment well maintained.	Section 6.5	Commitment included in the EA
450	Limit the duration of disturbance from construction as practicable.	Section 6.5	Commitment included in the EA
451	Noise abatement, emission and pollution control equipment on machinery will be in place, properly maintained and in good working order.	Section 6.5	Commitment included in the EA
452	Postpone instream construction if elevated flows (i.e., typically those resulting from precipitation events of 5 mm or more) or flood conditions are present or anticipated outside of already identified in water works timing restrictions. Resume activities when water levels have subsided or equipment/techniques suitable for conditions are deployed.	Section 6.5	Commitment included in the EA
453	Retain compatible vegetation where practicable on areas prone to wind erosion, steep slopes, drainage ways or next to a waterbody.	Section 6.5	Commitment included in the EA

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454	Tackify, cover, seed, apply water or pack the topsoil stockpiles and windrows with approved equipment, if soils prone to wind erosion.	Section 6.5	Commitment included in the EA
455	To minimize drifting soils and loss of topsoil in areas prone to wind or water erosion stabilize the disturbed area as soon as practicable by: - Spreading wood chips or straw crimping (weed free straw); sowing a fast-growing ground cover (expend or postpone topsoil handling) during high wind or wet conditions, where practicable. If it is not possible to suspend or postpone the construction activities, a site specific Erosion and Sedimentation Control Plan will be implemented.	Section 6.5	Commitment included in the EA
456	Turn off vehicles and equipment when not in use and minimize idling unless weather and/or safety conditions dictate the need for them to remain turned on and in a safe operating condition.	Section 6.5	Commitment included in the EA
457	Burning of slash will be in accordance with regulatory approvals and permits and subject to agreements with landowners, Sustainable Forest Licence (SFL) holders (e.g., overlapping agreements).	Section 6.5	Commitment included in the EA
458	Erosion and sedimentation controls will remain in place until the construction activities are completed and the disturbed area has been stabilized, restored, and revegetated.	Section 6.5	Commitment included in the EA
459	Where vegetation has established, or risk for erosion and sedimentation has been mitigated, remove temporary erosion and sediment control measures.	Section 6.5	Commitment included in the EA
460	Allow compatible vegetation in the ROW to grow back to provide cover and reduce line of sight for predators.	Section 6.5	Commitment included in the EA
461	Avoid blasting within 50 m of a trumpeter swan nest (or other swan nest) during the migratory bird nesting period (April 15 to August 31).	Section 6.5	Commitment included in the EA
462	Avoid blasting within 500 m of protected habitat for endangered and threatened SAR (i.e., bank swallow, bobolink, chimney swift, eastern whip-poor-will), during the migratory bird nesting period (April 15 to August 31).	Section 6.5	Commitment included in the EA



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463	Bird deterrents or visibility enhancements (e.g., spinning reflectors) will be installed on the transmission line in certain locations.	Section 6.5	Commitment included in the EA
464	Check the blast zone for large wildlife species before a blast as described in the Blasting and Communication Management Plan to be developed by the Contractor.	Section 6.5	Commitment included in the EA
465	Collect waste material on a regular basis, or as needed to maintain a neat and clean Project footprint.	Section 6.5	Commitment included in the EA
466	Collect, segregate, store and dispose of food waste and domestic garbage on a regular basis, or as needed to reduce potential human/wildlife encounters.	Section 6.5	Commitment included in the EA
467	Conduct environmental and safety orientation for Project personnel.	Section 6.5	Commitment included in the EA
468	Conduct worker awareness training for machine operators to help alert them to the possibility of turtles, snakes and amphibians in active areas of construction.	Section 6.5	Commitment included in the EA
469	Construction personnel will traverse the path of construction equipment, to induce frogs, toads, and snakes to be scared away from the path of oncoming machinery.	Section 6.5	Commitment included in the EA
470	Continue to engage with the MECP regarding permitting requirements for little brown myotis and, northern myotis.	Section 6.5	Commitment included in the EA
471	Dispose of waste material on a regular basis at appropriate and approved waste disposal facility.	Section 6.5	Commitment included in the EA
472	Drivers have standard safety training and will be provided with environmental awareness and sensitivity training.	Section 6.5	Commitment included in the EA
473	Dumping or burying of garbage, non wood construction wastes, food wrappings, bottles/cans, sanitary wastes or other non wood materials is strictly prohibited.	Section 6.5	Commitment included in the EA

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474	During operations, vegetation that is compatible (i.e., does not grow too tall) with the clearance distance required to conductors will be retained.	Section 6.5	Commitment included in the EA
475	Employees in vehicles encountering large mammals (e.g., caribou, moose, black bear, and wolf) on roads will be required to communicate the presence of wildlife on and near roads to other employees working in the area.	Section 6.5	Commitment included in the EA
476	Ensure food waste and domestic garbage is stored in designated areas within appropriate wildlife proof containment to avoid attracting nuisance wildlife.	Section 6.5	Commitment included in the EA
477	Environmental training for workers, including information on turtle nest identification and procedures to follow if an active nest is identified.	Section 6.5	Commitment included in the EA
478	Have equipment for containing spills on-site. Spill response kits will be provided in fuel and hazardous materials storage and handling facilities at temporary construction camps and temporary laydown areas, in on-site work areas and/or in vehicles and equipment, and personnel will be trained in spill response practices and procedures. Spills and leaks will be contained and cleaned up as soon as possible following incidents.	Section 6.5	Commitment included in the EA
479	Hydro One will limit unauthorized access to provincial parks by installing signage on access roads where permissible by MNR.	Section 6.5	Commitment included in the EA
480	Hydro One with its contractor(s) will prepare and implement an Environmental Protection Plan, Spill Prevention and Emergency Response Plan and Soil Handling Management Plan to avoid exposure of wildlife to harmful substances.	Section 6.5	Commitment included in the EA
481	Implement a recycling program at the construction camps to reduce the amount of waste generated.	Section 6.5	Commitment included in the EA
482	Implement a wildlife sighting and incident reporting procedure.	Section 6.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
483	Implement exclusion fencing to prevent turtles from entering overwintering areas where practicable and appropriate. Isolating and dewatering the aquatic work area prior to September 1 is an alternate mitigation measure that could be implemented where practicable and appropriate (Note: these mitigation measures may not be appropriate in many instances given the ripple effects to other environmental discipline [i.e., surface water and fish and fish habitat].and the scale of the Project; however, this mitigation measure will be considered as applicable).	Section 6.5	Commitment included in the EA
484	In areas that are hand felled only, trees will be bucked and delimbed to lie close to the ground.	Section 6.5	Commitment included in the EA
485	In the event that blasting is required, adhere to the Blasting and Communication Management Plan to be developed by the Contractor, and include mitigation measures such as use of blast mats or controlled blasting techniques to minimize fly rock.	Section 6.5	Commitment included in the EA
486	Industry standards to avoid electrocutions have been incorporated in structure design (CSAC22.3, CSA 2015b).	Section 6.5	Commitment included in the EA
487	Lattice transmission structures will be used where possible. Management of nests such as moving nests to alternate structures, and removing unoccupied nests, will occur during the non-breeding season.	Section 6.5	Commitment included in the EA
488	Littering will be strictly prohibited.	Section 6.5	Commitment included in the EA
489	Removal of bald eagle (or other raptor) nests will require authorization and methods for removal will be determined in consultation with the MNR.	Section 6.5	Commitment included in the EA
490	Retain food wastes (e.g., lunch wastes, wrappers) and return to appropriate onsite waste containers.	Section 6.5	Commitment included in the EA
491	Revegetate with plant species that will maintain habitat quality to feature of concern (i.e., bat maternity roost habitat) as appropriate.	Section 6.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
492	Ripping is preferred over blasting where rock is encountered.	Section 6.5	Commitment included in the EA
493	Safe handling practices will be used to move turtles, snakes and other herpetofauna to areas away from the construction (e.g., Ontario Species at Risk Handling Manual: For Endangered Species Act Authorization Holders).	Section 6.5	Commitment included in the EA
494	Selective clearing and retention of shrub vegetation, trees, wildlife trees, and coarse woody debris in areas where safe operation practices can still be achieved to limit access or hunting.	Section 6.5	Commitment included in the EA
495	Speed limits will be enforced on access roads.	Section 6.5	Commitment included in the EA
496	Spills will be contained locally and disposed of at an approved industrial waste disposal facility.	Section 6.5	Commitment included in the EA
497	Storage facilities for hazardous materials and waste will meet regulatory requirements and would be designed to protect the environment and workers from exposure.	Section 6.5	Commitment included in the EA
498	The Blasting and Communication Management Plan will include measures to address the following items: <ul style="list-style-type: none"> ● Stakeholder notification; ● Storage, Transportation and Use; ● Security; ● Environmentally Sensitive Areas (e.g., nests and den sites); and ● Waterbodies. 	Section 6.5	Commitment included in the EA
499	The risk of collisions with the transmission line will be greatly minimized or eliminated by using a Project design that adheres to the Standards for Overhead Systems (CSA-C22.3, CSA 2015).	Section 6.5	Commitment included in the EA
500	Train individuals working on-site and handling hazardous materials about best practices for the transportation of dangerous goods to avoid negatively affecting wildlife by introducing hazardous materials into the environment.	Section 6.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
501	Use of existing access roads to minimize additional linear disturbances and habitat conversion.	Section 6.5	Commitment included in the EA
502	Use of explosives for foundation excavations and access roads will be limited to conditions that do not allow for typical or standard drilling methods.	Section 6.5	Commitment included in the EA
503	Wildlife will always have the right of way, except in instances related to the imminent health and safety of workers and the public.	Section 6.5	Commitment included in the EA
504	Wildlife-vehicle collisions will be reported, which provides feedback for adaptive management.	Section 6.5	Commitment included in the EA
505	Avoid blasting within 400 m of a bald eagle (or other raptor) during the critical breeding period (March 1 to August 31).	Section 6.5	Commitment included in the EA
506	Avoid clearing maternity roost habitat from May 1 to August 31. Should this timing not be able to be maintained as identified, MECP SARB will be contacted for further discussion and appropriate Indigenous communities notified, where requested.	Section 6.5	Commitment included in the EA
507	Avoid helicopter flights within 400 m of a bald eagle (or other raptor) nest during the critical breeding period (March 1 to August 31).	Section 6.5	Commitment included in the EA
508	Avoid physical disturbance to existing anthropogenic structures located off of the Project ROW and access roads that could be roosts for bats (e.g., sheds, barns, houses, buildings, and bridges).	Section 6.5	Commitment included in the EA
509	Where new water crossing structures are proposed, the primary preferred structures will avoid in water work (e.g., preferential use of clear span bridges, ice bridges/snow fills, etc.).	Section 6.5 Section 6.6	Commitment included in the EA
510	Reclaim temporary access roads, construction camps, turn-around areas, water crossings, and laydown areas at the end of construction.	Section 6.5 Section 6.6	Commitment included in the EA



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511	Construction activities should be limited to the daytime period (i.e., 07:00 to 18:00). Nighttime work is not anticipated. In the event construction will occur beyond the daytime period, Hydro One will review and implement applicable mitigation measures and obtain any required permits or bylaw exemptions.	Section 6.5 Section 6.9 Section 6.9 Section 7.1 Section 7.2	Commitment included in the EA
512	Comply with local municipal noise by-laws and the MECP Model Municipal Noise Control Bylaw (i.e., NPC-115 and NPC-118) or Environmental Noise Guideline Publication NPC300 (MOECC 2013).	Section 6.5 Section 6.9 Section 7.2	Commitment included in the EA
513	Slash and debris resulting from mechanical clearing operations will be spread to ensure depths do not exceed 0.3 m or will be piled and burned. Slash and debris windrows are not expected to be required, but if they are required the windrows will be left open at all roads or access trails, along property lines, and along wetlands and watercourses to provide access for wildlife not capable of crossing the low vegetation pile. The windrows will be allowed to decompose naturally.	Section 6.5 Section 7.1 Section 7.4	Commitment included in the EA
514	A Spill Prevention and Emergency Response Plan will be prepared and implemented that describes specific measures that would be implemented if a spill occurred.	Section 6.6	Commitment included in the EA
515	Access to waterbodies, wetlands, and banks will be limited to protect riparian vegetation and minimize bank erosion. Swamp mats will be used where necessary on banks and approaches.	Section 6.6	Commitment included in the EA
516	An Erosion and Sediment Control Plan and Spill Prevention and Emergency Response Plan will be developed for the Project.	Section 6.6	Commitment included in the EA
517	Any infrastructure installed will also be regularly monitored and maintained over the lifespan according to Hydro One's maintenance schedule.	Section 6.6	Commitment included in the EA
518	Any portion of equipment to be used within a waterbody or operating within the bank will be free of and monitored for fluid leaks, and externally cleaned/degreased prior to works (MTO 2009).	Section 6.6	Commitment included in the EA

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519	Applicable best management strategies, avoidance and mitigation measures will be applied using the practices detailed within various standard guidance documents (MNR 1990, MNRF and DFO 2021, DFO 2022a, DFO 2022c, MNR 2010a and MTO/DFO/MNRF 2020), and environmental permit/approval conditions (once available).	Section 6.6	Commitment included in the EA
520	Before construction, all water crossings will be checked to make sure they are on the water crossing lists (Appendix 6.6-B and 6.6C). If new waterbodies are identified, an Aquatics Specialist will be consulted to determine the practicable crossing methods, proposed restricted activity timing window, approvals or permits required, and inform regulators, Indigenous communities, and stakeholders of any new waterbodies.	Section 6.6	Commitment included in the EA
521	Blasting activities will be permitted through DFO and MNRF.	Section 6.6	Commitment included in the EA
522	Blasting operations will follow DFO's Measures to Protect Fish and Fish Habitat (DFO 2022a) and Guidelines for the Use of Explosives in or Near Canadian Fisheries Waters (Wright and Hopky 1998, Godard et al. 2008) including:	Section 6.6	Commitment included in the EA



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	<ul style="list-style-type: none"> ● Maximum allowable limit for overpressure at 50 kilopascals (kPa) based on recent information disseminated by DFO (Godard et al. 2008). Previous advice (Wright and Hopky 1998) limited overpressure to 100 kPa; ● Peak particle velocity (13 millimetres per second [mm/s]) to avoid death or damage to fish, their eggs or larvae; ● The use of explosives will be limited to Project construction activities and to specific geological conditions that do not allow for an alternative method of removing material; ● Blasting will occur on land and recommended setback distances from waterbodies will be applied to avoid effects to fish and effects to incubating eggs; ● Blasts will be designed to minimize ground vibrations that can cause slope instability and impact to fish and fish habitats; ● No ammonium nitrate-fuel oil mixtures will be used, due to the production of toxic by-products (i.e., ammonia); ● Blast mats will be used to reduce the risk of fly rock from entering the waterbodies; ● Vibrations and peak particle velocity will be monitored throughout construction and blasting; ● Waterbodies closest to the blasting area will be isolated (e.g., silt curtain or cofferdam or alternate) to keep fish from entering the area during the blasting periods. A fish rescue/relocation will be completed to remove fish from the isolated areas. Fish rescues will be completed by fisheries biologists/environmental technicians, according to the conditions within an obtained MNRF LCFSP; and ● All applicable DFO-recommended measures to protect fish and fish habitat from the use of explosives will be considered for the Project (DFO 2022a), including respecting the Ontario Restricted Activity Timing Windows for the Protection of Fish and Fish Habitat (DFO 2013b). 		



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523	Channel realignments/infilling will be avoided through Project planning and design to the extent practicable. Channel realignments/infilling will only be undertaken in locations where specific conditions are met and/or where required for safety/security purposes. If required, then DFO/MNRF permitting, and consultation will be undertaken.	Section 6.6	Commitment included in the EA
524	Clearing of vegetation, grubbing and levelling for facility areas and temporary laydowns will be limited to only the areas and extents required.	Section 6.6	Commitment included in the EA
525	Complete instream construction in isolation of flowing water (i.e., use isolation methods where surface water exists at the time of construction) as appropriate. Isolation measures will follow the DFO Interim Standard for In-water Site Isolation (DFO 2023a).	Section 6.6	Commitment included in the EA
526	Construction near and in-water during the fish and fish habitat proposed restricted activity timing windows will be avoided. Proposed restricted activity timing windows were assigned to avoid work during sensitive life history periods or life stages for all fish that may be present in each waterbody, including movements to spawning areas, spawning and egg incubation, or eggs and newly hatched fry. Work may not be conducted during the proposed restricted activity timing window, or within a setback unless permits/approval is obtained from the appropriate regulatory agencies (i.e., MNRF and DFO), where required.	Section 6.6	Commitment included in the EA
527	Construction near and in-water will be avoided during a fish and fish habitat restricted activity timing window. Work may not be conducted during the proposed restricted activity timing window, or within a setback unless permits/approval is obtained from the appropriate regulatory agencies, where required.	Section 6.6	Commitment included in the EA
528	Culvert installations will follow regulatory requirements (i.e., Interim Code of Practice: Temporary Cofferdams and Diversion Channels (DFO 2023b), submission of appropriate notification and acquisition of necessary permits/approvals from regulatory agencies (i.e., MNRF, DFO).	Section 6.6	Commitment included in the EA

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529	Culvert maintenance will be completed in consideration of best management practices and environmental permit/approval conditions (once available), including MNR Guidelines for Access Roads (MNR 1990, 2010a,b), DFO's Measures to Protect Fish and Fish Habitat (DFO 2022a) and Code of Practice for Culvert Maintenance (DFO 2022g).	Section 6.6	Commitment included in the EA
530	Culverts will be regularly monitored and maintained to reduce the risk of blockages from forming and causing ponding or backwater effects. Where culverts are installed at fish bearing waterbodies, debris removal activities will follow DFO's Code of Practice on Culvert Maintenance (i.e., gradual removal such that flooding downstream, extreme flows downstream, release of suspended sediment, and fish stranding can be avoided) (DFO 2022g); and	Section 6.6	Commitment included in the EA
531	Develop and maintain surface water management and Erosion and Sedimentation Control infrastructure to minimize potential for net changes to infiltration rates.	Section 6.6	Commitment included in the EA
532	Disturbance to and access restrictions on trapping and hunting areas will be minimized where possible during the construction stage and during the infrequent periods for operation and maintenance activities for safety reasons; and	Section 6.6	Commitment included in the EA
533	Disturbed areas will be re-contoured to restore drainage patterns and the approximate pre-construction profile.	Section 6.6	Commitment included in the EA
534	Downstream sediment effects will be minimized by using isolation methods for the installation and removal of culverts, as required by MNR and DFO regulatory and permitting requirements. For isolation, temporary diversions may be used (i.e., isolation construction techniques such as flumes, instream diversions, or bypass pumps) to divert the water flow around the isolated workspace. Where diversions are used, bypass pumping will be monitored and adjusted as necessary to maintain downstream flow. Isolation measures will follow the DFO Interim Standard for In-water Site Isolation (DFO 2023a).	Section 6.6	Commitment included in the EA



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535	Each waterbody crossing will be visited ahead of construction by qualified environmental personnel to confirm that the crossing location is conducive to a culvert install, such that any changes in site conditions can be addressed through adaptive management.	Section 6.6	Commitment included in the EA
536	Environmental Monitor(s) will be on-site during construction to monitor the installation, use and removal of temporary water crossing structures, as appropriate. Erosion and Sedimentation Control measures will be installed prior to commencing construction activities. Upon removal of the crossing materials, if necessary, the waterbody banks will be returned to their original profile and disturbed areas will be stabilized, as necessary, to reduce the risk of soil erosion.	Section 6.6	Commitment included in the EA
537	Equipment for containing spills will be on-site. Spill response kits will be provided in fuel and hazardous materials storage and handling facilities at temporary construction camps and laydown areas, in on-site work areas and/ or in vehicles and equipment, and personnel will be trained in spill response practices and procedures. Spills and leaks will be contained and cleaned up as soon as possible following incidents.	Section 6.6	Commitment included in the EA
538	Erosion and Sedimentation Control measures will be installed, monitored, and managed to minimize or avoid sediment mobilization to drainages or waterbodies. Adequate and appropriate Erosion and Sedimentation Control materials shall be on-site and available prior to commencement of maintenance activity that could result in sedimentation to the waterbody.	Section 6.6	Commitment included in the EA
539	Erosion and Sedimentation Control measures will be installed, monitored, and managed to minimize or avoid sediment mobilization to drainages, or waterbodies. Adequate and appropriate Erosion and Sedimentation Control materials shall be on-site and available prior to commencement of maintenance activity that could result in sedimentation to the waterbody.	Section 6.6	Commitment included in the EA

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540	Fish within the isolated workspaces will be rescued (i.e., salvaged and relocated) by qualified professionals prior to construction in the isolated workspace under the conditions of a MNRFC LCFSP. Should any in-water work be required within Lake Sturgeon habitat or other aquatic SAR habitat, then an authorization under the ESA may be required.	Section 6.6	Commitment included in the EA
541	Following the construction phase, all temporary wash-out sites will be capped with local backfill and re-graded or rehabilitated according to approvals conditions, prior to construction crews departing the site.	Section 6.6	Commitment included in the EA
542	For diversions during isolations, screened pumps will be used to reduce the risk of entrainment or impingement of fish following the guidance within the DFO Code of Practice for End-of-pipe fish protection screens for small water intakes in freshwater (DFO 2020).	Section 6.6	Commitment included in the EA
543	For isolations/diversions, 100% downstream flow will be maintained. Pump intakes and outlets (if applicable) should not disturb the bed.	Section 6.6	Commitment included in the EA
544	For Lake Trout lakes overlapping the Project footprint, consideration of the Inland Ontario Lakes Designated for Lake Trout Management (2006) and the Amendment to Area specific Crown Land Use Policy #2007-025 (2009) (Update to Area-specific Land Use Policy to Reflect Updated Crown Land Disposition Policy for Designated Lake Trout Lakes [MNRFC 2023]). Consideration of the recommended Area of Concern and application of a 120 m buffer as practicable. No timber harvesting will take place within this buffer except for access road routes and as practicable for the transmission line. Further mitigation for potential impacts to Lake Trout is presented throughout this EA Section;	Section 6.6	Commitment included in the EA
545	Fording will be avoided to the extent possible, if fording is required it will be a one-time crossing with clearing and bridge installation equipment (over and back) in flowing water conditions with stable beds and low sloping banks or approaches. Any fording will follow DFO's Code of Practice for Temporary Fords (DFO 2022f).	Section 6.6	Commitment included in the EA

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546	Fording will be avoided to the extent possible; if fording is required it will be a one-time crossing with clearing and bridge installation equipment (over and back) in flowing water conditions with stable beds and low sloping banks or approaches. Any fording will follow DFO's Code of Practice for Temporary Fords (DFO 2022f).	Section 6.6	Commitment included in the EA
547	Hydro One with their contractor(s) will prepare and implement a Blasting and Communication Management Plan (Section 6.6.7.8) that describes specific measures that would be implemented if blasting is required.	Section 6.6	Commitment included in the EA
548	In the event of a climate change emergency that impacts fish and fish habitat, Hydro One will apply for a DFO <i>Emergency Fisheries Act</i> Authorization to allow for a timely response.	Section 6.6	Commitment included in the EA
549	Individuals working on-site and handling hazardous materials will be trained in best practices related to the transportation of dangerous goods to avoid negatively affecting fish and fish habitat by introducing hazardous materials into the environment (Section 9.3.1.11).	Section 6.6	Commitment included in the EA
550	Log fill crossings (i.e., a piece of corduroy road) will be used only in areas with no defined channel, areas that are dry at the time of crossing and in seepage areas where no fish habitat has been identified. They will be used only during the recommended timing windows, and under agency permitted conditions.	Section 6.6	Commitment included in the EA
551	Manage temporary flows, withdrawal and discharge, including all water from dewatering operations to reduce the risk of erosion and/ or release of sediments to a waterbody.	Section 6.6	Commitment included in the EA
552	Materials used or generated (e.g., organics, soils, woody debris, temporary stockpiles, construction debris, etc.) during site preparation, construction and clean-up will be temporarily stored a minimum 30 m from waterbodies, to reduce the risk of entry of sediment or deleterious substances from entering a waterbody.	Section 6.6	Commitment included in the EA

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553	Most construction workers will be accommodated in temporary construction camps, and Hydro One or their contractor will develop a worker awareness guide that identifies local fishing licence authorities and where to obtain fishing licences, reviews the regulations within the FMZ and best management practices to reduce the spread of invasive species/diseases.	Section 6.6	Commitment included in the EA
554	Near water and instream construction will be postponed if excessive flows or flood conditions are present or anticipated that occur outside of those already identified in water works timing restrictions. Activities will resume when water levels have subsided or equipment/techniques suitable for conditions are deployed.	Section 6.6	Commitment included in the EA
555	Off-road vehicle use by Hydro One or its contractors within the ROW will be limited during construction and operation and will follow DFO's Code of Practice for Fording (DFO 2022f) and DFO's All Terrain Vehicle Guidance (DFO nd). Guidance includes vehicles will be cleaned before and after a ride to reduce the risk of spreading invasive species, vehicles will be inspected for fuel leaks or equipment damage, riders will avoid sensitive features and water crossings to the extent practicable, riders will not harm, kill or collect flora or fauna, and garbage and debris will be properly disposed of.	Section 6.6	Commitment included in the EA
556	Only approved seed mix species and species of importance to Indigenous communities for restoration/reclamation will be used; Encroachment into and the alteration of bed and bank profiles will be avoided. Only clean materials (free from particulates) will be used and fish cover features will be integrated where feasible.	Section 6.6	Commitment included in the EA
557	Only the appropriately sized crossing structure will be implemented, that is determined by site specific conditions and flow at the crossings. Approved crossing structures will be placed in the appropriate locations.	Section 6.6	

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558	Operate and maintain water crossings in consideration of MNRF Environmental Guidelines for Access Roads and Water Crossings (MNR 1990), MNRF and DFO Protocol for the Review and Approval of Forestry Water Crossings (MNRF and DFO 2021), DFO's Measures to Protect Fish and Fish Habitat (DFO 2022a) and applicable Codes of Practice (DFO 2022c), Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR 2010a).	Section 6.6	Commitment included in the EA
559	Potential changes due to climate change will be mitigated to the extent possible by using avoidance techniques (i.e., limiting construction of new access roads) and maintaining a 30 m vegetated buffer around waterbodies to help maintain shading and riparian vegetation to reduce the risk of erosion and provide flood protection (see Sections 6.6.7.2, 6.6.7.4, 6.6.7.5, and 6.6.7.7 for the full list of mitigation measures applicable);	Section 6.6	Commitment included in the EA
560	Prepare and implement a Spill Prevention and Emergency Response Plan (Section 9.3.1.13) that describes specific measures that would be implemented if a spill occurred.	Section 6.6	Commitment included in the EA
561	Project design will use best management practices to capture a wide spectrum of environmental conditions, such that suitably sized infrastructure is used at water crossings to accommodate flood and low flow conditions; and	Section 6.6	Commitment included in the EA
562	Project planning will avoid their habitats and apply the restricted activity timing window for in-water works for all aquatic SAR to the extent practicable, similarly to all other fish species within the potential waterbodies. If in-water work for construction or operation and maintenance activities cannot be avoided during the restricted activity timing window for fish species for any specific crossing, Hydro One will engage with MECP, MNRF and/or DFO on behalf of ECCC to discuss permitting requirements and next steps and the appropriate Indigenous communities will be notified, where requested.	Section 6.6	Commitment included in the EA

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563	Register aboveground storage tanks under, and in compliance with, applicable federal and provincial legislation.	Section 6.6	Commitment included in the EA
564	Regulatory permits/approval will be obtained from the appropriate regulator, as applicable, and qualified professionals will rescue and relocate fish within the isolated workspace prior to construction in the isolated workspace.	Section 6.6	Commitment included in the EA
565	Regulatory permits/approvals will be obtained from applicable regulatory agencies to install water crossings.	Section 6.6	Commitment included in the EA
566	Re-instate and re-stabilize any portion of a waterbody beds, banks and slopes and natural areas that was disturbed during construction to compatible pre-construction conditions or better (see Section 6.6.7.4).	Section 6.6	Commitment included in the EA
567	Reportable spills (as defined in O.Reg. 675/98) of potentially deleterious materials will be reported to the Ministry of the Environment Spills Action Centre (SAC) (MTO 2009); and if the spill is in fish-bearing water, or where potential for harm of fish or fish habitat is likely, the MNRF and DFO must also be contacted (MTO 2009).	Section 6.6	Commitment included in the EA
568	Site-specific conditions and discharge rates (i.e., stream measurements and flow calculations completed in accordance with MNRF requirements) at the crossing will inform appropriate sizing and precise location for each water crossing structure.	Section 6.6	Commitment included in the EA
569	Snow fill crossings will apply adaptive management strategies and specific protocols which will be outlined in the EPP to test the applicability of the crossing method and reduce the likelihood of harm to fish and fish habitat as well as for health and safety purposes.	Section 6.6	Commitment included in the EA
570	Spills of potentially deleterious materials are to be reported to the Ministry of the Environment Spills Action Centre (SAC) (MTO 2009); and if the spill is in fish bearing water, where potential for harm of fish or fish habitat is likely, the MNRF and DFO must also be contacted (MTO 2009); wash, refuel, store and service machinery, fuels, and other materials in such a way to reduce the risk of any deleterious substances from entering a waterbody (i.e., > 30 m away) (DFO 2022a).	Section 6.6	Commitment included in the EA



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571	The laydown areas will be cleared of vegetation, grubbed and levelled, as required, and vegetation will generally be cleared using mechanical harvesters to remove the merchantable timber and bulldozers to remove the remaining woody vegetation.	Section 6.6	Commitment included in the EA
572	The number of temporary and permanent water crossings required for the Project will be minimized, where possible.	Section 6.6	Commitment included in the EA
573	The proposed restricted activity timing windows are applicable if any work is completed below the HWM (e.g., installation or removal of fill or culverts or bridge supports below the HWM, ice bridges and snow fill construction, beaver dam removals, fording).	Section 6.6	Commitment included in the EA
574	The proposed restricted activity timing windows are not applicable if all work is completed above the HWM (e.g., installation of the transmission line, installation or removal of a clear span bridge or rig mat with no fill or supports below the HWM, or when using the existing and installed water crossing structures, where no modifications are required).	Section 6.6	Commitment included in the EA
575	The removal of riparian vegetation and in water vegetation will be limited to the extent practicable, and to the requirement of the access road width only.	Section 6.6	Commitment included in the EA
576	The temporary construction camps, temporary laydown areas will be located a minimum of 30 m back from the ordinary HWM of a waterbody through detailed planning, where reasonably possible or otherwise permitted by regulators. The distance of the setback in these areas will depend on the slope adjacent to the waterbody and will follow the guidelines outlined in the Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR 2010a).	Section 6.6	Commitment included in the EA

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577	To minimize downstream sediment effects, isolation methods will be used for the installation and removal of culverts, as required by MNR and DFO regulatory and permitting requirements. Isolation measures will follow the DFO Interim Standard for In-water Site Isolation (DFO 2023a). For isolation, temporary diversions may be used (i.e., isolation construction techniques such as flumes, instream diversions, or bypass pumps) to divert the water flow around the isolated workspace. Where diversions are used, bypass pumping will be monitored and adjusted as necessary to maintain downstream flow.	Section 6.6	Commitment included in the EA
578	To the extent practicable and while implementing all recommended mitigation measures, work will be completed below the HWM as quickly as possible to shorten the duration of disturbance.	Section 6.6	Commitment included in the EA
579	Turbidity and total suspended solids will be monitored according to permit requirements; and	Section 6.6	Commitment included in the EA
580	Upon removal of the temporary crossing materials, the waterbody banks will be returned to their original profile, if needed, and disturbed areas will be stabilized, as necessary, to reduce the risk of soil erosion. The number of water crossings required for the Project will be minimized.	Section 6.6	Commitment included in the EA
581	Use erosion resistant fill material below the high-water level within the floodplain of a waterbody.	Section 6.6	Commitment included in the EA
582	Use only clean material free of particulate matter or deleterious substances.	Section 6.6	Commitment included in the EA



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583	Vegetation mitigation measures presented in Section 6.4 will be implemented, including: <ul style="list-style-type: none"> ● Compatible vegetation will be allowed to grow back within the ROW, including riparian areas, to heights compatible with safe operation of the transmission line; ● The Vegetation Management Plan will be followed (Section 6.4) to allow for revegetation following construction; ● Native soils will be stabilized and reinstated and topsoil/planting mediums will be used in all areas where disturbance or exposure occurred during construction; ● Disturbed banks of waterbodies will be reinstated and stabilized to pre-construction conditions and configurations (or better) using proper design and stabilization techniques (i.e., use of vegetation, rock stone materials). 	Section 6.6	Commitment included in the EA
584	Wash, refuel, store and service machinery, fuels and other materials in such a way to reduce the risk of any deleterious substances from entering a waterbody (i.e., >30 m away) (DFO 2022a).	Section 6.6	Commitment included in the EA
585	Water crossing structures (e.g., bridges, ice bridges/snow fills, rig mats) will be installed, maintained, removed, and decommissioned and the waterbody will be reclaimed post decommissioning using best management practices and following environmental permit/approval conditions (once available), permits, or authorizations issued for the Project from the appropriate regulatory agencies. If culverts are installed, they will be installed as per the previous measures. <ul style="list-style-type: none"> ● Where rig mats are necessary for crossing unstable or unconfined waterbodies the following mitigation measures will be used as appropriate and additional details will be included in the EPP: 1) Prioritize crossing during the frozen season to limit disturbance, 2) Where winter construction is not feasible, sediment and erosion control measures should be implemented (i.e., silt fencing, silt curtains, aqua dams, coffer dams etc.) to minimize disturbance to fish habitat, and 3) On site 	Section 6.6	Commitment included in the EA



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	monitoring will be completed during these crossings to monitor impacts to fish (i.e., distressed fish, stranded fish, mortalities) and be prepared for fish salvage, where required.		
586	Water crossings will be constructed in consideration of MNRF Environmental Guidelines for Access Roads and Water Crossings (MNR 1990), MNRF and DFO protocol for the review and approval of forestry water crossings (MNRF and DFO 2021), DFO's Measures to Protect Fish and Fish Habitat (DFO 2022a) and applicable Codes of Practice (DFO 2022c), Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR 2010a).	Section 6.6	Commitment included in the EA
587	Water crossings will be constructed or installed in a manner that maintains downstream flows and fish passage for the lowest trophic levels of each system according to DFO's species-specific passage requirements (Di Rocco and Gervais 2022). Constructed water crossings will follow permits or approvals issued for the Project from the appropriate regulatory agencies, including being designed to handle peak and low flow conditions, culvert embedment by 10% and will follow the natural slope of the watercourse. Mitigation options will be implemented in permanent structures to minimize net habitat loss and optimize usage and passage by fish (e.g., baffles, gradient pools, keyed stone, etc.) (MTO 2017). Where permanent culverts are installed, substrates inside the culvert will mimic the existing substrates upstream of the crossing.	Section 6.6	Commitment included in the EA
588	Where beaver dam removals are required to facilitate the installation of water crossing structures, the activity will be completed in consideration of best management practices and environmental permit/approval conditions (once available), including MNRF guidelines for access roads (MNR 1990, 2010a, b), DFO's Measures to Protect Fish and Fish Habitat (DFO 2022a) and Code of Practice for Beaver Dam Removal (DFO 2022h) as well as permitting through the MNRF.	Section 6.6	Commitment included in the EA

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589	Where instream and riparian vegetation removed, a vegetation rehabilitation reclamation plan will be developed to replant following construction to pre-construction conditions or better (see Section 6.4).	Section 6.6	Commitment included in the EA
590	Work in and near water work and sensitive habitat features (e.g., SAR/SOCC habitats, spawning areas, groundwater upwellings, etc.) will be avoided as practicable through planning and design.	Section 6.6	Commitment included in the EA
591	Install, monitor, and manage appropriate erosion and sedimentation control measures to minimize or avoid sediment mobilization to drainages, or waterbodies. Adequate and appropriate erosion and sedimentation control materials shall be on-site and available prior to commencement of construction.	Section 6.6 Section 7.2 Section 7.5	Commitment included in the EA
592	Electric or hybrid vehicles will be used for operation and maintenance activities where possible.	Section 6.8	Commitment included in the EA
593	Hydro One with their contractor(s) will keep equipment well maintained to maximize fuel efficiency.	Section 6.8	Commitment included in the EA
594	Temporary disturbances will be reclaimed, and compatible vegetation will be allowed to regrow within the ROW.	Section 6.8	Commitment included in the EA
595	Aggregate pit blasting at temporary or existing aggregate pits, will be carried out to comply with the conditions provided in the license or aggregate permit, if a license or aggregate permit exists or is required.	Section 6.9	Commitment included in the EA
596	Notify Indigenous communities, landowners, and relevant stakeholders along the ROW of the planned construction schedule before the start of construction and prior to specific activities that may generate vibration.	Section 6.9	Commitment included in the EA
597	Notify Indigenous communities, landowners, and relevant stakeholders along the ROW of the planned construction schedule before the start of construction and prior to specific noisy activities such as implosion operations (e.g., cable splicing).	Section 6.9	Commitment included in the EA

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598	Transmission line will be designed and operated to meet the requirements of the Ontario Hydro Protocol at the representative potential points of receptions.	Section 6.9	
599	Transformer stations will operate in accordance with an Environmental Compliance Approval or Environmental Activity and Sector Registry registration.	Section 6.9 Section 7.1	Commitment included in the EA
600	Avoid operating equipment expected to be a significant source of vibration simultaneously. Vibration levels could be less when operating separately.	Section 6.9 Section 7.2	Commitment included in the EA
601	Blasting delays and blast mats will be used, as appropriate, to control vibration and fly rock as required.	Section 6.9 Section 7.2	Commitment included in the EA
602	Consider the use of frequency dependent vibration limits as more detailed information regarding the construction activities is known.	Section 6.9 Section 7.2	Commitment included in the EA
603	Construction blasting will be carried out in compliance with the OPSS 120 and NPC-119. The OPSS 120 details items such as vibration limits, protective measures, pre-blast surveys and notification to nearby owners and tenants. All blasts, which might impact local structures or disrupt humans, should be monitored for ground and air vibrations.	Section 6.9 Section 7.2	Commitment included in the EA
604	Design access roads to minimize reversing, which is expected to minimize use of backup beepers, where possible.	Section 6.9 Section 7.2	Commitment included in the EA
605	Develop a construction vibration workplan prior to the start of construction describing the construction schedule, list of construction equipment, list of potential points of reception locations, applicable guidance documents including criteria and municipal by-laws (i.e., residential, heritage structures and utilities) and control measures.	Section 6.9 Section 7.2	Commitment included in the EA
606	Hydro One, with its contractor(s), will check that equipment and machinery used on site is maintained in good working conditions through regular maintenance and inspection.	Section 6.9 Section 7.2	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
607	Hydro One, with its contractor(s), will prepare and implement an EPP and Noise Management Plan prior to construction.	Section 6.9 Section 7.2	Commitment included in the EA
608	Investigate noise concerns as they arise through a complaint resolution mechanism whereby persons can contact Hydro One if there are perceived noise issues.	Section 6.9 Section 7.2	Commitment included in the EA
609	Investigate vibration concerns as they arise through a complaint resolution mechanism whereby persons can contact Hydro One if there are perceived vibration issues.	Section 6.9 Section 7.2	
610	Locate and operate construction equipment as far as possible from potential points of receptions.	Section 6.9 Section 7.2	Commitment included in the EA
611	Operate vehicles and equipment such that impulsive noise is minimized, where possible.	Section 6.9 Section 7.2	Commitment included in the EA
612	A Traffic Management Plan will be developed for the Project prior to the start of construction activities and will be shared with local municipalities as necessary. Potentially affected stakeholders will be engaged regarding the placement of permanent fencing and gates.	Section 7.1	Commitment included in the EA
613	Access roads will be designed to minimize reversing (use of backup beepers) in close proximity to residential areas, while in parks and/or protected areas should be designed to minimize disturbance to the surrounding environment, (where reasonably possible). Nearby Indigenous communities, landowners, and other stakeholders along the ROW will be notified of the planned construction schedule before the start of construction activities.	Section 7.1	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
614	Access roads will use in-situ and/or other locally sourced material (e.g., gravel pits) where practicable to create a stable surface for travel (e.g., cleared wood, logs and swamp mats may be used as a base for travel across wetlands, bogs and/or low-lying areas). All access roads will be built or upgraded to have an average 10 m wide driving surface and an average 20 m vegetation clearing area but could be wider to allow for safe movement of equipment. Removal of compatible vegetation at waterbody crossings along the transmission line alignment ROW will generally be limited to a 10 m-wide ROW for equipment access to waterbody crossing structures (e.g., temporary bridges). Additional removal of incompatible vegetation may be required for technical or safety reasons as appropriate.	Section 7.1	Commitment included in the EA
615	Additionally, the Project will continue to consult with the MNRF, Indigenous communities, and/or trail and canoe route operators to develop appropriate strategies to facilitate continued, uninterrupted use and access to natural, cultural, and recreational values. Potentially affected stakeholders will be engaged about the placement of permanent fencing and gates as applicable.	Section 7.1	Commitment included in the EA
616	Additionally, the Project will engage with Indigenous communities as it relates to natural, cultural, and recreational resources in provincial parks and conservation reserves.	Section 7.1	Commitment included in the EA
617	Affected landowners, lessees and licence holders and claims holders are to be notified before the start of construction to prevent or reduce effects to their operations or activities, and construction activities will be coordinated with tenure holders through ongoing engagement. Where applicable, affected parties will be notified with respect to crossing agreements and third-party agreements (the list of crossing agreements and third-party agreements will be determined prior to construction).	Section 7.1	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
618	Applications for pits or quarries will be developed in accordance with the Aggregate Resources Application Standards and Regulation (O.Reg. 244/97). A rehabilitation plan will be required at the time of application as part of the pit or quarry site plan.	Section 7.1	Commitment included in the EA
619	Appropriate sediment and erosion controls will be implemented at each pit and associated storage area as appropriate.	Section 7.1	Commitment included in the EA
620	As part of the process to obtain an Overlapping Licence Agreement with each SFL-holder, Hydro One and/or their contractor will meet with each SFL holder to discuss: <ul style="list-style-type: none"> ● Harvest and utilization plans for merchantable and non-merchantable trees; ● Disposal plans for non-marketable trees and non-merchantable portions of trees; ● Available markets, product specifications and pricing for harvested timber; ● Wood supply commitments in accordance with SFL conditions; ● Use and maintenance of forest access roads; ● Potential synergies, or conflicts, in timing of operations with the SFL holder (e.g., road use and maintenance, timber harvest, wood haul); ● Disruption of recently renewed/established post-harvest areas; and ● Rehabilitation and regeneration of disturbed sites. 	Section 7.1	Commitment included in the EA
621	Blasting and the storage of materials and equipment within parks and protected areas will be avoided where reasonably possible.	Section 7.1	Commitment included in the EA

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622	City of Dryden: Additional mitigation measures related to conformance with planning policies for the City of Dryden include the following: <ul style="list-style-type: none"> ● Hydro One will engage with the City of Dryden to determine if additional technical studies area required for the Project crossing waste disposal industrial lands via an existing access road where no improvements are required. ● Utility infrastructure which overlaps extractive industrial lands should not adversely affect the viability of the extractive industry in the future; ● Site alteration which overlaps open space lands should complement the natural area and ensure the protection of the City of Dryden’s trail systems. ● Site alteration which overlaps rural lands should preserve the character and scenic quality of the rural landscape. 	Section 7.1	Commitment included in the EA
623	City of Thunder Bay: Additional mitigation measures related to conformance with planning policies for the City of Thunder Bay include the following: <ul style="list-style-type: none"> ● Engage with the City of Thunder to determine if the one existing access road with potential improvements crosses a small area of environmental protection zone lands. 	Section 7.1	Commitment included in the EA
624	Compatible vegetation will be retained where practical to meet regulatory requirements and minimize visual disturbance from activities, maintain visibility of portage on either side of the ROW and access roads for recreational user accessibility, keep portages cleared of vegetation debris, and maintain the existing grade of the portage in a manner that is safe for recreational users.	Section 7.1	Commitment included in the EA
625	Consideration of the recommended Area of Concern and application of a 120 m buffer, as practicable. No timber harvesting will take place within this buffer except for access routes and as practicable for the transmission line. Further mitigation for potential impacts to lake trout is presented in Section 6.6 (Fish and Fish Habitat) of the EA.	Section 7.1	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
626	Construct water body crossing structures according to the crossing method identified on the water body crossing lists and in accordance with regulatory approvals.	Section 7.1	Commitment included in the EA
627	Construction and maintenance crews will be present and visible. Noise and air emissions (e.g., air, dust, noise, and effluent) are addressed in their appropriate section as part of the effects assessment of the Project (see Section 6.0).	Section 7.1	Commitment included in the EA
628	Construction personnel will ensure that activities and equipment do not impact upon neighbouring properties, structures or operations. In the unlikely event that physical damages are incurred by a landowner, damages are subject to compensation through Hydro One's existing compensation policies.	Section 7.1	Commitment included in the EA
629	Construction routes will be designed to avoid key access roads/entrances to parks and protected areas, tourism establishment areas, campsites, boat launches and caches, aquatic access points, and trailheads as reasonably possible. New travel lanes for maintenance will be gated, fenced, ditched or bermed to limit travel to construction traffic and to prevent unplanned/undesired recreational access during the operation and maintenance stage. Gates or fencing outside of the ROW will be reviewed by MNRF as tenure will be required for structures on Crown land, and placement of gates and/or access restrictions will be in accordance with MNRF land use policies.	Section 7.1	Commitment included in the EA
630	Construction routes will be designed to avoid key access roads/entrances, and new travel lanes for maintenance will be gated, fenced, ditched or bermed to limit travel to construction traffic and to prevent unplanned/undesired recreational access during the operation and maintenance stage. Gates or fencing outside of the ROW will be reviewed by MNRF as tenure will be required for structures on Crown land, and placement of gates and/or access restrictions will be in accordance with MNRF land use policies.	Section 7.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
631	Construction water sources, methods of accessing water and volume of water for concrete production will be confirmed during detailed planning and will be conducted in accordance with applicable regulatory requirements.	Section 7.1	Commitment included in the EA
632	Coordinate construction activities with forestry resource land users through ongoing engagement, and will continue to engage licence holders, and other tenure holders, and where appropriate (i.e., Road Use Agreements and guidelines).	Section 7.1	Commitment included in the EA
633	Coordinate construction activities with mining resource land users through ongoing engagement, and will continue to engage claim holders, licence holders, and other tenure holders, and where appropriate.	Section 7.1	Commitment included in the EA
634	Coordinating with landowners to maintain access to private lands and inform them of soil management options.	Section 7.1	Commitment included in the EA
635	Disturbance to the natural landscape will be avoided where practicable in areas where camping, commercial tourism, recreational activities and/or recreational infrastructure is present.	Section 7.1	Commitment included in the EA
636	Disturbances will be avoided and minimized and access restrictions on areas where OTN trails, non-OTN trails, and other trails including resource trails are located will be implemented where possible.	Section 7.1	Commitment included in the EA
637	Disturbances will be avoided and minimized and access restrictions on trapline license areas will be implemented where possible.	Section 7.1	Commitment included in the EA
638	During construction, the ROW will be approximately 46 m in width and construction activities will be limited to surveyed and marked areas. Existing roads or trails that connect to the Project ROW may be used (including access along adjacent existing transmission line or utility corridors) and in some cases may require upgrades or improvements. Unless an existing access trail currently exists on the existing ROW, using the Project's ROW is preferred for new access development. However, where travel in the ROW with heavy equipment is not possible due to terrain, ground conditions or environmental sensitivities, new access in the existing ROW will be developed as appropriate.	Section 7.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
639	During operation and maintenance, the Project will follow standards that can set out directions that involve the removal of any non-compatible vegetation from the ROW.	Section 7.1	Commitment included in the EA
640	During the construction and operation phases, inconsistencies between conditions of different licences, permits, approvals, certificates, plans and by laws will be resolved prior to construction, engagement with relevant municipal, provincial, and federal bodies. Consultation material can be provided to interest holders to identify and address any concerns or issues. The Project will coordinate construction activities with aggregate resource land users through ongoing engagement, and will continue to engage claim holders, licence holders, and other tenure holders, and where appropriate recommendations or concerns will be reviewed and incorporated as possible.	Section 7.1	Commitment included in the EA
641	During the construction stage, landowners, guided outfitters, tourism establishment area operators, parks and protected area administrators, registered trappers, the Ontario Federation of Anglers and Hunters, registered BMA and BHA licence holders, local trail associations, boating clubs and snowmobile clubs will be notified of Project activities before the start of construction.	Section 7.1	Commitment included in the EA
642	During the operation and maintenance phases, restrictions to accessing recreation and commercial tourism features will be limited to infrequent, periodic maintenance activities; otherwise, it is anticipated that the recreation and commercial tourism features within the Project footprint will remain open and accessible to users.	Section 7.1	Commitment included in the EA
643	Equipment or waterbody crossing structures that may temporarily impede or be a hazard to navigation for recreational users during the construction phase will be appropriately marked with warning signage or other warning signals.	Section 7.1	Commitment included in the EA
644	Existing access roads and Project roads, including within the 46 m ROW, will be used to transport aggregate to the source of use.	Section 7.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
645	Existing access roads and trails will be used to the extent practicable to limit disturbances to park access resulting from the construction of new access roads.	Section 7.1	Commitment included in the EA
646	For designated Lake Trout Lakes overlapping the Project footprint, consider the Inland Ontario Lakes Designated for Lake Trout Management (2006) and the Amendment to Area specific Crown Land Use Policy #2007-025 (2009) (Update to Area-specific Land Use Policy to Reflect Updated Crown Land Disposition Policy for Designated Lake Trout Lakes). <ul style="list-style-type: none"> Consider the recommended Area of Concern and apply a 120 m buffer as described, as practicable. No timber harvesting will take place within this buffer except for access road routes and as practicable for the transmission line. Revegetation will be completed post-construction and will include seeding disturbed areas. Further mitigation for potential impacts to lake trout is presented in Section 6.6. 	Section 7.1	Commitment included in the EA
647	For designated Lake Trout Lakes overlapping the Project footprint, consideration of the Inland Ontario Lakes Designated for Lake Trout Management (2006) and the Amendment to Area specific Crown Land Use Policy #2007-025 (2009) (Update to Area-specific Land Use Policy to Reflect Updated Crown Land Disposition Policy for Designated Lake Trout Lakes).	Section 7.1	Commitment included in the EA
648	Guided outfitters and trapline license area, BMA and BHA licence holders will be engaged with, and, where appropriate, mutually beneficial agreements will be developed with the affected tenure holders. Disturbances will be avoided and minimized and access restrictions on camping, commercial tourism, or other recreational activities, features or infrastructure is present will be implemented where possible.	Section 7.1	Commitment included in the EA
649	Hydro One and/or their contractor will also meet with non-SFL related wood facilities to discuss opportunities for harvested open market wood fibre, product specifications and pricing.	Section 7.1	Commitment included in the EA



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650	Hydro One is committed to not displacing residences where the residents do not want to leave their home.	Section 7.1	Commitment included in the EA
651	<p>Hydro One is currently considering site-specific mitigation measures for the use of an existing access road to cross Quetico Provincial Park and will confirm their appropriateness through further engagement with Ontario Parks during the draft EA process. Mitigation measures under consideration at this location include:</p> <ul style="list-style-type: none"> ● Construction vehicles will not use Ontario Parks parking lots; ● Modification of speed limits for construction vehicles; and ● Warning signage. 	Section 7.1	Commitment included in the EA
652	Hydro One will contact directly affected property owners to meet to review the project-specific Land Acquisition Compensation Principles that will set out the process between Hydro One and property owners to conclude property settlements.	Section 7.1	Commitment included in the EA
653	Hydro One will continue to consult with the MNRF and Environment and Climate Change Canada (ECCC) on sensitive ecological features, wildlife, migratory birds, and species at risk. Additional mitigation measures for wildlife and wildlife habitat described in Section 6.5.7 will be implemented.	Section 7.1	Commitment included in the EA
654	Hydro One will develop a Clearing and Timber Salvage Plan that will be finalized in consultation with the SFL holder who will advise on the forest products that can be received by the mills.	Section 7.1	Commitment included in the EA
655	Hydro One will engage with the appropriate land-use planning authority for land-use related permissions and permits for all areas, municipalities and unincorporated/unorganized townships.	Section 7.1	
656	Hydro One will implement a Land Acquisition Compensation Program for directly affected property owners.	Section 7.1	Commitment included in the EA
657	Hydro One will review any ancillary damages during the construction stage and can compensate loss through the Land Acquisition Compensation Program if a loss can be demonstrated.	Section 7.1	Commitment included in the EA



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658	Hydro One will work with FMUs to manage merchantable timber cleared by the Project.	Section 7.1	Commitment included in the EA
659	Hydro One will work with FMUs to manage merchantable timber cleared by the Project. Trees of merchantable value will be felled, de-limbed, mulched, or piled at the edge of the ROW according to clearing contract requirements.	Section 7.1	Commitment included in the EA
660	Hydro One will work with regulatory agencies and consult with Indigenous communities to update the relevant provincial park management plans and conservation reserve management statements to allow for the Project, where required.	Section 7.1	Commitment included in the EA
661	Hydro One, throughout the construction phase of the Project, will continue to engage with interest holders, regulators, agencies, private landowners, and Indigenous communities.	Section 7.1	Commitment included in the EA
662	Hydro One's project-specific Land Acquisition Compensation Principles will include financial compensation to account for time invested in the lands right process and compensation to allow access for environmental assessments, surveys, studies, and land appraisals.	Section 7.1	Commitment included in the EA
663	If excessive rain, wet weather, or flood-like conditions occur or are anticipated, the following contingency measures will be implemented as appropriate: re-schedule work or reduce/detour traffic in areas where soils are prone to rutting; restrict construction traffic, where feasible, to equipment with low-ground pressure tires or wide pad tracks; during extreme wet conditions, work only in low-risk areas, such as well-drained soil or well-sodded lands, until conditions improve; limit vehicle access through soft/wet areas to periods when frozen conditions occur (i.e., early morning or evening); crews are to park in a stable area and walk to on-site equipment if feasible; install access or swamp matting in sensitive areas to protect soils; if required, silt fencing or other methods of erosion control will be installed.	Section 7.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
664	If temporary road closures are required during material transportation or other construction activities, the Project will coordinate with the appropriate road authority to ensure that proper notice is provided and that required signage and traffic controls are implemented, such as through a Traffic Management Plan that is completed in accordance with the Ontario Traffic Manual Book 7 (where applicable) and can also include submission to local road authorities upon request.	Section 7.1	Commitment included in the EA
665	Implement a permit consultation process through the Permits and Approvals Plan. The permits and approvals plan acknowledges that working proactively with municipalities and communities is integral, with consultation and engagement following Hydro One's protocols.	Section 7.1	Commitment included in the EA
666	In the event construction will occur beyond the daytime period, Hydro One, with its contractors will review mitigation measure requirements. Noise concerns will be addressed as they arise through a complaint resolution mechanism whereby individuals can contact Hydro One if issues arise.	Section 7.1	Commitment included in the EA
667	In the event that the municipal and provincial Crown land use planning and management documents do not provide explicit guidance or permission for transmission line development through the Swamp River ANSI, the Project will implement a permit consultation process through the Permits and Approvals Plan. This consultation process establishes a framework for meaningful engagement with interest holders, regulators, agencies, private landowners, and Indigenous communities throughout the duration of the permitting process, ROW clearing, and construction activities. The permits and approvals plan acknowledges that working proactively with municipalities and communities is integral, with consultation and engagement following Hydro One's protocols.	Section 7.1	Commitment included in the EA

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668	In the event there are no existing roads or trails that connect to the ROW, new roads may be built, with the appropriate permits or authorizations prior to construction, as applicable. New access roads and waterbody crossings will be designed and constructed in accordance with municipal, provincial, and federal guidelines.	Section 7.1	Commitment included in the EA
669	Indigenous communities, guided outfitters and registered trappers, and BMA and BHA licence holders will be engaged with, and where appropriate recommendations or concerns will be addressed.	Section 7.1	Commitment included in the EA
670	Indigenous communities, landowners, guided outfitters, administrators, registered trappers, the Ontario Federation of Anglers and Hunters (OFAH), registered licence holders, within the Project footprint will be notified of Project activities before the start of construction, as the Project will implement a Communications Plan.	Section 7.1	Commitment included in the EA
671	Indirect effects on land use quality in parks and protected areas will be reduced by implementing the mitigation measures applied to the biophysical criteria as described in other sections of this EA will be implemented.	Section 7.1	Commitment included in the EA
672	It is the preference to use the Project's ROW; however, where travel in the ROW with heavy equipment is not possible due to terrain, ground conditions or environmental sensitivities, existing roads or trails that connect to the Project ROW may be used (including access along adjacent existing transmission line or utility corridors) and in some cases may require upgrades or improvements.	Section 7.1	Commitment included in the EA
673	Landowners, guided outfitters, administrators, registered trappers, the Ontario Federation of Anglers and Hunters (OFAH), registered licence holders, within the Project Footprint be notified of Project activities before the start of construction.	Section 7.1	Commitment included in the EA
674	Maintain signage during operation should access and navigation be impeded during the operation and maintenance stage.	Section 7.1	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
675	Maintain visibility of portage on both side of the ROW (e.g., no stockpiled vegetation or soils at the portage access points) and access roads for recreational user accessibility and keep portages cleared of vegetation debris and maintain the existing grade of the portage in a manner that it is safe for the recreational users.	Section 7.1	Commitment included in the EA
676	MNRF and/or trail and canoe route operators will continue to be consulted to develop appropriate strategies to facilitate continued, use, and access to hunting, trapping, and fishing areas.	Section 7.1	Commitment included in the EA
677	Multiple contingency and management plans will be developed for the Project as part of the Environmental Protection Plan. For example, a Vehicle and Equipment Operation, Maintenance, and Refuelling Plan. Additionally, a Permits and Approval Plan provides an overview of the general project permits and the approval process, including any renewal processes and permit consultation. A Clearing and Timber Salvage Plan developed for the Project will set out the permits needed, the ROW clearing process, and timber management practices.	Section 7.1	Commitment included in the EA
678	Multiple contingency and management plans will be developed for the Project. For example, a construction Traffic/Access Management Plan will be prepared and implemented. The Access Plan will identify new and existing roads, entrance approaches, water crossings, and temporary workspaces. Additionally, a Communications Plan will be developed to outline the communications procedures with Indigenous communities, project stakeholders, rightsholders, and other organizations. Project construction activities will be confined to surveyed and marked areas.	Section 7.1	Commitment included in the EA
679	New aggregate pits will be excavated primarily using equipment common to aggregate operations and excavated topsoil or overburden will be stored on-site and used for eventual reclamation of the pits.	Section 7.1	Commitment included in the EA
680	No disturbance of portages outside of the Project footprint will be permitted and instream activity will be completed in the shortest timeframe practicable.	Section 7.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
681	Noise concerns will also be further addressed as they arise through a complaint resolution mechanism where Hydro One can be contacted if there are perceived noise issues.	Section 7.1	Commitment included in the EA
682	Obtain applicable approvals and meet the requirements of the <i>Canadian Navigable Waters Act</i> and conditions of approvals prior to construction, which may include notifications.	Section 7.1	Commitment included in the EA
683	Obtain regulatory approvals as required from applicable regulatory agencies (i.e., MNR, DFO, and/or LRCA) prior to installation of water body crossing structures. Hydro One will consult with the appropriate regulatory agency to discuss any alternatives or modifications to the crossing requirements specified in approvals before construction begins.	Section 7.1	Commitment included in the EA
684	Ongoing operation or maintenance damages for private land will be pursuant to the Landowner Compensation Program and its associated policies.	Section 7.1	Commitment included in the EA
685	Operations and maintenance activities within the Campus Lake Conservation Area will avoid disturbance of the weir and remnant sluice at the outlet of Mable Lake as disturbance in this area is not permitted.	Section 7.1	Commitment included in the EA
686	Pits no longer in use will be reclaimed and a reclamation plan will be prepared by Hydro One and submitted to the MNR. Reclamation success of the pit sites will be monitored by Hydro One.	Section 7.1	Commitment included in the EA
687	Potentially affected property owners will be engaged about the possible placement of fencing to address concerns regarding trespassing and access, as required.	Section 7.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
688	<p>Prior to Project construction, appropriate permits, licences, and other approvals will also be acquired in order to satisfy the conditions of provincial, and municipal land use planning and parks management documents (i.e., the <i>Planning Act</i>, PPS 2020, CLUPA, the Growth Plan for Northern Ontario, the <i>Northern Services Board Act</i>, local roads boards, and rural planning boards). Consultation material can be provided to interest holders to identify and address any concerns or issues.</p> <ul style="list-style-type: none"> Hydro One will engage with the appropriate land-use planning authority for land-use related permissions and permits for all areas, municipalities and unincorporated/unorganized Townships. 	Section 7.1	Commitment included in the EA
689	<p>Removal of riparian vegetation will be limited to the extent necessary, and to the requirement of the access road or trail width only. Removal of compatible vegetation at waterbody crossings along the transmission line alignment ROW will generally be limited to a 10 m-wide ROW for equipment access to waterbody crossing structures (e.g., temporary bridges). Additional removal of incompatible vegetation may be required for technical or safety reasons as appropriate.</p>	Section 7.1	Commitment included in the EA
690	<p>Remove temporary water body crossing structures and associated fill materials when the crossing is no longer required after construction, unless otherwise agreed upon in third-party agreements.</p>	Section 7.1	Commitment included in the EA
691	<p>Review planned harvest allocations from approved FMPs as they relate to Project construction activities including clearing of the ROW and use of land for temporary Project components such as construction camps and laydown yards.</p>	Section 7.1	Commitment included in the EA
692	<p>Rural or Unincorporated Areas:</p> <ul style="list-style-type: none"> Hydro One will engage with the appropriate planning authority for land-use related permissions and permits for all areas, municipalities and unincorporated/unorganized townships. This can include consultation with the applicable rural planning boards that encompass both small municipalities and unincorporated areas. 	Section 7.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
693	Sediment and erosion control measures will be installed prior to commencing construction activities, where required, to reduce the potential for water runoff to carry soil and other sediment into nearby water features or sensitive environmental areas.	Section 7.1	Commitment included in the EA
694	Several other management plans will also be developed and implemented for the Project. For example, an Access Plan will identify new and existing roads, entrance approaches, water crossings, and temporary workspaces. Hydro One will continue to consult with trappers associations and the Ministry of Natural Resources and Forestry to confirm how the Project may affect trappers. Registered active trappers will be consulted and appropriate mitigation applied. This could include providing compensation if impacted by the construction of the Project (e.g., due to damage to trapper assets, general disturbance, adverse effects, and impacts to trapping operations). Hydro One and/or their contractor will maintain ongoing communication with local trapping groups, associations and trappers, and where feasible, allow for trappers the opportunity to relocate traplines in advance of construction.	Section 7.1	Commitment included in the EA
695	Signs will be placed in engagement with the appropriate authorities. The MNRF will continue to be consulted to facilitate continued, uninterrupted use and access to parks and protected areas. Should any affected trails be considered to be a key trail resource for access to other areas, an alternate trail route to allow land users to navigate around temporary closures should be developed.	Section 7.1	Commitment included in the EA
696	Temporary laydown areas and temporary construction camps will not be located within provincial parks or protected areas.	Section 7.1	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
697	The Communications Plan will also establish the communications protocols for both formal and informal communications with Indigenous communities, project stakeholders, rightsholders, and other organizations. This can include consulting with park and conservation administrators to implement appropriate restriction protocols during maintenance activities in parks and protected areas to avoid or reduce effects to perceptions of land quality by park users.	Section 7.1	Commitment included in the EA
698	The environmental and safety orientation program developed and implemented by the Project will also include information about wildlife and species at risk awareness.	Section 7.1	Commitment included in the EA
699	The MNR and/or trail and canoe route operators will continue to be consulted to develop appropriate strategies to facilitate continued, uninterrupted use and access to lands and features utilized for fishing.	Section 7.1	Commitment included in the EA
700	The Municipality of Shuniah: Additional mitigation measures related to conformance with planning policies for the Municipality of Shuniah include the following: <ul style="list-style-type: none"> • Site alteration within rural lands should ensure that the rural character of the environment and existing agricultural and/or natural resource operations are protected. 	Section 7.1	Commitment included in the EA
701	The number of towers in provincial parks will be minimized by spacing them at the maximum distance possible.	Section 7.1	Commitment included in the EA
702	The number, location, and characteristics of existing and proposed new access roads to be used for the Project will be refined through detailed planning work and through consultation with Indigenous communities, government officials and agencies, and interested persons and organizations.	Section 7.1	Commitment included in the EA
703	The Project is designed to maximize alignment with existing infrastructure corridors to reduce disturbances land and resource users in the Project footprint who may participate in camping, commercial tourism, or other recreational activities.	Section 7.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
704	The Project will adhere to contingency and management plans developed for this Project, such as an Access Plan will gather additional information regarding existing and potential aggregate pit locations and detail restrictions on site access.	Section 7.1	Commitment included in the EA
705	The Project will implement an Access Plan that will set out the plan to access new or existing roads, entrance approaches, water crossings, and temporary workspaces within the Project scope.	Section 7.1	Commitment included in the EA
706	The Project will maintain signage during operation should access and navigation be impeded during the operation and maintenance stage.	Section 7.1	Commitment included in the EA
707	The Project will use existing road and trail infrastructure where practicable, in order to limit disturbances resulting from the construction of new access roads and trails, although new access roads constructed may alleviate some additional pressure on the roads. Temporary road disturbances and restrictions will not be continuous, as construction will be completed using a staged approach.	Section 7.1	Commitment included in the EA
708	The Project will utilize a Communications Plan, which will set out standards regarding communications on Project updates and community relations, such as providing advance notice of construction activities will be provided to park users through formal notification in local newspapers and at park locations (e.g., park entrances). A minimum 48-hour notification in advance of major activities commencing will be provided to Indigenous Communities, directly affected landowners, or as otherwise required by permits/approvals. Details of construction activities/schedule will be made available via the Hydro One project website.	Section 7.1	Commitment included in the EA
709	The Project will work with parks administrators and the MNRF during both construction and operation to implement appropriate restriction protocols within affected parks and protected areas as required. Work will be completed within the existing provincial park management plans and conservation reserve management statements and seek to promote user access while maintaining user safety.	Section 7.1	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
710	The ROW will be utilized for equipment access to waterbody crossing structures (e.g., temporary bridges). Instream activity will be completed in the shortest timeframe practicable to minimize the duration and severity of disturbance to waterbodies.	Section 7.1	Commitment included in the EA
711	To minimize future potential access development impacts, some access roads may be permanently left in place to support long-term inspection and maintenance activities and for multiple use/integration with other industrial operations (e.g., forestry operations).	Section 7.1	Commitment included in the EA
712	To minimize indirect nuisance effects, local municipal noise by laws and the MECP Model Municipal Noise Control Bylaw (i.e., NPC-115) will be complied with including making sure equipment used is well maintained and operated so as not to exceed the Health Canada Noise Guidance and MECP NPC-300 noise guideline on ambient noise levels. Vehicles and equipment will be operated such that impulsive noise are minimized including turning off vehicles and equipment; and minimizing reversing where possible, reasonable, and practicable. Noise concerns will also be further addressed as they arise through a complaint resolution mechanism where Hydro One can be contacted if there are perceived noise issues.	Section 7.1	Commitment included in the EA
713	To reduce impacts on canoe routes and portages, vegetation clearing around important canoe routes and associated portages will be limited to where necessary for safety. Compatible vegetation will be retained where practical to meet regulatory requirements and minimize visual disturbance from activities, maintain visibility of portage on either side of the ROW and access roads for recreational user accessibility, keep portages cleared of vegetation debris, and maintain the existing grade of the portage in a manner that is safe for recreational users.	Section 7.1	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
714	To support ongoing park use, signs will be installed on the ROW indicating park boundaries and alternate access points to park users. Construction routes will be designed to avoid key access roads/entrances to parks and protected areas to the extent practicable, in engagement with parks and protected area administrators. Signage will also be used to notify road users of road closures, lane closures, and other disturbances to local roadways.	Section 7.1	Commitment included in the EA
715	Vegetation clearing will consist of cutting tree trunks parallel to, and within 15 cm of the ground or lower, as well as the removal of shrubs, debris, and other such materials. Grubbing may be required along some parts of the ROW. In these areas, vegetation will be removed manually, using chain saws and other hand-held equipment, while leaving the under growth and duff layer undisturbed to prevent erosion.	Section 7.1	Commitment included in the EA
716	Vegetation management in previously forested areas within will occur during the operation and maintenance phase in the permanent ROW in order to maintain transmission line integrity.	Section 7.1	Commitment included in the EA
717	Vegetation removal along the ROW will take into consideration: <ul style="list-style-type: none"> • widths of waterbodies; location of wetlands; locations of known archaeological and cultural heritage sites; • areas of commercial timber and the method of cutting and storing commercial timber, and required riparian buffer zones (e.g., for waterbodies and other sensitive natural features). 	Section 7.1	Commitment included in the EA
718	Vehicles and equipment will be operated such that impulsive noise are minimized including turning off vehicles and equipment; and minimizing reversing where possible, reasonable, and practicable.	Section 7.1	Commitment included in the EA
719	Waste will be appropriately stored, transported, and disposed of according to applicable provincial and federal laws and regulations.	Section 7.1	Commitment included in the EA
720	Water used for dust suppression will be brought to the site by tanker truck. Permits for this will be acquired, if necessary.	Section 7.1	Commitment included in the EA

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721	Where applicable, affected parties will be notified with respect to crossing agreements and third-party agreements (the list of crossing agreements and third-party agreements will be determined prior to construction).	Section 7.1	Commitment included in the EA
722	Where possible, access restrictions will be limited, intermittent, and temporary. Access restrictions will occur over a planned period of time (i.e., weeks to months) while active construction is ongoing in that particular segment of the Project, before construction moves to another segment along the linear corridor and access is restored.	Section 7.1	Commitment included in the EA
723	Within the Campus Lake Conservation Area, there will be no disturbance to the weir and remnant sluice at the outlet of Mable Lake.	Section 7.1	Commitment included in the EA
724	Work will be scheduled in wet areas during frozen conditions, where reasonably possible. Known natural, cultural, and recreational values will be marked clearly (e.g., rare vegetation communities, wetlands, significant wildlife habitat) and associated setbacks will be established, Project personnel will avoid areas that are flagged or fenced and abide by restrictions on in/out privileges.	Section 7.1	Commitment included in the EA
725	Maintenance will be performed to Hydro One's vegetation standard. Vegetation that will impede Hydro One's standing and falling clearance distances to the conductor will be addressed by Hydro One Forestry Services. Clearance distances align with the NERC Vegetation Management standard FAC-003 and the minimum vegetation clearance distance required to prevent flashover.	Section 7.1 7.4.7.4 Section 7.4	Commitment included in the EA
726	Areas of non-merchantable vegetation that must be cleared will be piled and burned or mulched. Where piling and burning is prescribed, trees will be sheared at the stump using bulldozers equipped with shear blades.	Section 7.1 Section 7.4	Commitment included in the EA
727	Hydro One will plant seedlings along new off-ROW access roads in conservation reserves and provincial parks (limited to roads that require new clearing and new construction). Where existing roads and trails are used, these areas will be reclaimed to their pre-existing condition to the extent practicable. In addition, Hydro One will plant seedlings in the one	Section 7.1 Section 7.4	Commitment included in the EA



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	temporary helicopter pad within the Campus Lake Conservation Reserve following construction.		
728	New, on-ROW trails will be reclaimed, and topsoil will be rolled back over the reclaimed road. Areas that are subject to erosion, and waterbody crossing locations that have been removed after construction will all be seeded in accordance with MNRFP, or other applicable regulatory agency, requirements to promote plant species establishment during reclamation, as soon as feasible after construction.	Section 7.1 Section 7.4	Commitment included in the EA
729	Small trees and branches will be dispersed on the ROW or piled and burned on-site in accordance with the <i>Forest Fires Prevention Act</i> and Regulation 207/96 Outdoor Fires under this Act.	Section 7.1 Section 7.4	Commitment included in the EA
730	The reclaimed on-ROW access road will naturally vegetate along with the remainder of the right-of-way and will be managed to support vegetation that is compatible with the safe operation of the transmission line.	Section 7.1 Section 7.4	Commitment included in the EA
731	Vegetation clearing around canoe routes, portages, and recreational trails will be limited to where necessary for safety standards and compatible vegetation will be retained where practicable to meet regulatory requirements and minimize visual evidence of disturbance from Project activities.	Section 7.1 Section 7.4	Commitment included in the EA
732	A Communications Plan will establish the communications process for both formal and informal communications with Indigenous communities, project stakeholders, rightsholders, and other organizations. A minimum 48-hour notification in advance of major activities commencing will be provided to Indigenous Communities, directly affected landowners, or as otherwise required by permits/approvals. Details of construction activities/schedule will be made available via the Hydro One project website.	Section 7.1 Section 7.7 Section 7.8	Commitment included in the EA
733	During the operations stage, existing roads and trails will be used where possible with affected trails repaired and rehabilitated.	Section 7.1 Section 7.7 Section 7.8	Commitment included in the EA



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734	Project construction activities will be confined to surveyed and marked areas, and a construction Traffic/Access Management Plan will be prepared and implemented.	Section 7.1 Section 7.7 Section 7.8	Commitment included in the EA
735	Restore temporary construction access roads and areas that are being used on a temporary basis during construction, such as laydown areas, pull sites, and helipads, that are located on previously undisturbed lands. Where necessary, sediment and erosion control measures will be implemented for areas for the temporary structures like access roads, watercourse crossings, laydown areas, and construction camps.	Section 7.1 Section 7.7 Section 7.8	Commitment included in the EA
736	Access roads will be established within the transmission line ROW for use during operation and maintenance. The access will be located, for the most part, within the cleared ROW; however, in some places (e.g., where the ROW spans a waterbody or crosses difficult terrain) an access road off ROW may be required to reduce the number of watercourse crossing requirements.	Section 7.1 Section 7.7 Section 7.8	Commitment included in the EA
737	A formal complaints process will be implemented that allows emergency services, municipalities, and community members to share any issues and concerns with Hydro One and its contractor(s) during the construction stage.	Section 7.2	Commitment included in the EA
738	A recycling program will be implemented at temporary construction camps to reduce the amount of solid waste generated as a requirement of the construction contract with Hydro One.	Section 7.2	Commitment included in the EA
739	Acquire locates prior to construction activities.	Section 7.2	Commitment included in the EA
740	Catering and cleaning services will be subcontracted to local regional and Indigenous businesses. The contractor will also work with local businesses for water and sewage transportation, as well as the disposal of construction and camp waste, in alignment with common industry practices.	Section 7.2	Commitment included in the EA



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741	Cover or otherwise contain loose construction materials with potential to release airborne particulates during transport, installation or removal as appropriate.	Section 7.2	Commitment included in the EA
742	Electricity at two of the three temporary construction camps will use diesel generators. The diesel generators will be operated in compliance with applicable regulations and guidelines, including acquiring any necessary permits and approvals.	Section 7.2	Commitment included in the EA
743	Hold workers to both a Worker Code of Conduct and an Occupational Health and Safety Management Plan.	Section 7.2	Commitment included in the EA
744	Housing out of area construction staff in construction camps.	Section 7.2	Commitment included in the EA
745	Hydro One will review and approve an environmental and safety orientation program, to be implemented by the contractor.	Section 7.2	Commitment included in the EA
746	Hydro One will work with Gwayakocchigewin Limited Partnership on a community-led committee to provide feedback and develop additional mitigation measures, where required.	Section 7.2	Commitment included in the EA
747	Hydro One with its contractor will communicate with the local airports used by the Project (and with CPR and CN rail if used) to inform them of proposed Project schedules, and to confirm service capacity, siding availability, schedules and any potential interactions with existing air and rail users, and operations.	Section 7.2	Commitment included in the EA
748	Hydro One with its contractor will prepare and implement a Traffic Control Plan for Project traffic.	Section 7.2	Commitment included in the EA

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749	Hydro One with its contractor will prepare and implement the following management plans to limit risks to public safety: <ul style="list-style-type: none"> ● Fire Prevention and Preparedness Plan ● COVID-19 Pandemic Management Plan ● Emergency Response Plan ● Worker of Standards of Conduct Policy ● Use appropriate road signage during construction activities 	Section 7.2	Commitment included in the EA
750	Hydro One with their contractor will be required to comply with the <i>Ontario Occupational Health and Safety Act</i> , 1990 (Government of Ontario 1990) and other legislated safety requirements. Hydro One will also be required to have a HASP in place.	Section 7.2	Commitment included in the EA
751	Maintain a zero-tolerance policy toward workers being under the influence of drugs or alcohol while working, or while travelling to and from work.	Section 7.2	Commitment included in the EA
752	Maintain drug and alcohol-free temporary construction camps and worksites.	Section 7.2	Commitment included in the EA
753	Minimize human annoyance at identified potential points of receptions, as appropriate.	Section 7.2	Commitment included in the EA
754	Minimize the frequency of the transport of goods and equipment, to the extent practical.	Section 7.2	Commitment included in the EA
755	Notification to other utility providers to notify them of any construction activities which may cross or interact with existing utility infrastructure.	Section 7.2	Commitment included in the EA
756	Notify access road users (e.g., those dependent on Project impacted roads for access to businesses, residences) of construction activities and planned access restrictions and detours.	Section 7.2	Commitment included in the EA
757	Notify Indigenous communities, landowners, and other stakeholders along the ROW of the planned construction schedule before the start of construction.	Section 7.2	Commitment included in the EA



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758	Only authorized individuals will be allowed within the construction camp and visitors will be required to check in with security upon arrival. Bringing an unauthorized individual onto site would be a violation of the terms and conditions of employment.	Section 7.2	Commitment included in the EA
759	Potable water for work sites (e.g., ice roads, snow making, concrete, etc.) will be sourced from local water sources using a PTTW.	Section 7.2	Commitment included in the EA
760	Prioritizing local hiring as much as possible.	Section 7.2	Commitment included in the EA
761	Project construction, operation, maintenance, and retirement activities will be undertaken with appropriate safety measures in place.	Section 7.2	Commitment included in the EA
762	Project personnel will receive applicable training in health and safety and emergency response. Hydro One will identify potential safety, health and environmental concerns related to the Project stages. Prevention measures and response procedures will be described in a Health and Safety Plan (HASP) and a Spill Prevention and Emergency Response Plan. All Project personnel will receive applicable training in health and safety and emergency response.	Section 7.2	Commitment included in the EA
763	Project-specific measures, such as on-site emergency medical care, will reduce need for local hospitals or EMS in the event of a work-related incident.	Section 7.2	Commitment included in the EA
764	Provide adequate notice to appropriate stakeholders along the ROW prior to blasting and implosion operations.	Section 7.2	Commitment included in the EA
765	Provide first aid stations at temporary construction camps and job sites.	Section 7.2	Commitment included in the EA
766	Store construction and hazardous waste in a manner compliant with legislation and health and safety guidelines.	Section 7.2	Commitment included in the EA

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767	The contractor will develop and implement systems for tracking and reporting incidents of harassment and violence. Any incidents that violate the contractor policies or rules and require immediate attention or action, will be appropriately addressed by Project leadership, which may include termination.	Section 7.2	Commitment included in the EA
768	The contractor will explore options to increase the representation of Indigenous women and gender diverse individuals in the workforce at all employment levels.	Section 7.2	Commitment included in the EA
769	The contractor will implement mandatory training for all employees on gender-based and sexual violence, anti-racism, cultural safety, diversity and inclusion, and the effects of colonization on Indigenous peoples.	Section 7.2	Commitment included in the EA
770	The contractor will maintain a set of camp rules that describes what is and is not acceptable practice in camp, including a curfew, and prohibited items, actions or practices.	Section 7.2	Commitment included in the EA
771	The contractor will prohibit non-Project personnel from riding in company vehicles (including hitch hikers).	Section 7.2	Commitment included in the EA
772	The contractor will support community safety programs for the First Nations close to the proposed Project.	Section 7.2	Commitment included in the EA
773	The majority of temporary workers hired from out of the criterion-specific LSAs will be housed in temporary construction camps or other existing temporary accommodation establishments.	Section 7.2	Commitment included in the EA
774	The Project contractor will create safety protocols applicable to the project area (including construction camps). For example, the Project contractor will maintain a Substance Abuse program, which is a term and condition of employment for their employees.	Section 7.2	Commitment included in the EA
775	Train employees in standard first aid. Hydro One with their contractor will prepare and implement an Occupational Health and Safety Plan.	Section 7.2	Commitment included in the EA
776	Use appropriate road signage during construction activities.	Section 7.2	Commitment included in the EA



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777	Water for temporary construction camps and laydown areas will be obtained from local suppliers via water tank trucks. Wells may be drilled at the temporary construction camps if this option is more feasible. Domestic effluent will be removed from the temporary construction camps by approved disposal trucks and disposed of at municipal wastewater treatment plants with authorization and capacity to accept this waste. Solid waste disposal services, including hazardous and non-hazardous waste, will be provided on-site at temporary construction camps.	Section 7.2	Commitment included in the EA
778	Worker camps will have private security in place.	Section 7.2	Commitment included in the EA
779	Workers are not expected to permanently relocate themselves or their families to Community Services and Facilities LSA communities.	Section 7.2	Commitment included in the EA
780	Workers will be required to adhere to an Employee and Contractor Code of Conduct that outlines appropriate behavior at the worksite, temporary construction camps, in Quality of Life LSA communities, and while travelling to and from work rotations.	Section 7.2	Commitment included in the EA
781	Benefit enhancement measures, such as providing governments with information about total annual payments from the Project over the operation and maintenance stage of the Project, will enable governments to incorporate revenues from the Project into their long-term budgeting processes.	Section 7.3	Commitment included in the EA
782	During pre-construction, Hydro One and its contractor(s) will engage with all local emergency services that may be impacted by the Project and provide them with pertinent information such as the location of work fronts within the emergency services district, types of work activities occurring, estimated manpower, emergency planning, etc.	Section 7.3	Commitment included in the EA
783	Hydro One and its contractor(s) will provide emergency response, medical assessment, primary health care, chronic disease management, injury prevention, health promotion, medical referral, and coordinate emergency medical evacuations as needed for workers in remote and isolated settings.	Section 7.3	Commitment included in the EA



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784	Hydro One and their contractor(s) will provide the following types of controls to address non-emergency health and safety issues (quantities and locations to be determined): <ul style="list-style-type: none"> ● Primary Care Paramedics and/or Emergency Medical Responders. ● First Aiders. ● First Aid Clinics. ● Mobile Treatment Centre. 	Section 7.3	Commitment included in the EA
785	Hydro One will pay local service providers such as the District of Thunder Bay and District of Kenora, in the event that emergency services are used by the Project to offset any financial burden that the Project may place on local government revenues.	Section 7.3	Commitment included in the EA
786	Hydro One will pay market value for the use of solid and liquid waste and potable water services from local providers.	Section 7.3	Commitment included in the EA
787	Hydro One will prioritize procurement opportunities for local qualified candidates from Indigenous communities.	Section 7.3	Commitment included in the EA
788	Implement the Indigenous Engagement Procurement Plan to maximize local and Indigenous opportunities through employment, training and subcontracting.	Section 7.3	Commitment included in the EA
789	Implement the Indigenous Participation Plan.	Section 7.3	Commitment included in the EA
790	Support procurement from Indigenous communities, local, and regional sources where practicable.	Section 7.3	Commitment included in the EA
791	Work with Indigenous communities and businesses to train local members to be equipped to participate as employees either directly with the Project contractor or subcontractors.	Section 7.3	Commitment included in the EA
792	Avoiding new Project footprint disturbances, to the extent practicable, such as using existing roads and trails, and disturbed areas (e.g., area of alteration related to forestry cut blocks, utility corridors).	Section 7.4	Commitment included in the EA



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793	Control dust through implementation of a Dust Control Plan.	Section 7.4	Commitment included in the EA
794	Hydro One will work with parks administrators and the MNRF to implement appropriate protocols within affected parks and protected areas as required, including managing merchantable timber cleared by the Project. Trees of merchantable value will be felled, de-limbed, mulched, or piled at the edge of the ROW according to clearing contract requirements. During operation and maintenance, the Project will follow standards that can set out directions that involve the removal of any non-compatible vegetation from the ROW.	Section 7.4	Commitment included in the EA
795	Monitor and manage reclamation activities to address potential visual effects, including soil erosion and revegetation.	Section 7.4	Commitment included in the EA
796	Removing unnecessary facilities, and reclaiming aggregate pits, temporary access roads and water crossings, helicopter pads, temporary laydown areas, and temporary construction camps.	Section 7.4	Commitment included in the EA
797	Retaining existing vegetation, and landforms, to the extent practicable, to provide screening of activity and Project components.	Section 7.4	Commitment included in the EA
798	Selection and location of structures to minimize visibility and visual contrast with the existing conditions during operations and maintenance.	Section 7.4	Commitment included in the EA
799	Based on site assessment, recommendations will be made through engagement with Indigenous communities, the MCM and relevant stakeholders.	Section 7.5	Commitment included in the EA
800	Collection of archaeological resources by Project personnel is prohibited. Project personnel will be provided guidance prior to construction.	Section 7.5	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
801	Completion of Stage 2 Archaeological Assessment (and Stage 3 and 4 if required) in the areas of the Project footprint with archaeological potential and anticipated to be subject to Project impacts. <ul style="list-style-type: none"> • Areas of archaeological potential possibly requiring Stage 2 Archaeological Assessment are identified in Map 10 of the Stage 1 Archaeological Assessment report. • Stage 2 Archaeological Assessment will determine whether archaeological sites are present within the Project footprint and recommend appropriate mitigation measures should archaeological resources be identified. 	Section 7.5	Commitment included in the EA
802	Continue to offer ongoing engagement to affected communities and apply protocols identified by Indigenous communities for land access and treatment of findings. Hydro One will consult with the MCM regarding proposed protocols on treatment of findings, where appropriate.	Section 7.5	Commitment included in the EA
803	Existing roads and trails will be used where possible.	Section 7.5	Commitment included in the EA
804	Identified archaeological resources near the Project footprint and their associated setbacks will be staked or fenced off.	Section 7.5	Commitment included in the EA
805	Identify whether the Project will affect areas below high-water marks and, if so, completion of marine archaeological assessment(s). <ul style="list-style-type: none"> • The marine archaeological assessment(s) (and Stage 3 and 4 if required) will be undertaken as soon as possible in the Detailed Planning Phase, prior to construction in these areas start. Additional mitigation measures may be identified and implemented as a result of the marine assessment(s). • The marine assessment(s) report will be provided to Indigenous communities prior to submission to the MCM. 	Section 7.5	Commitment included in the EA

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806	If site assessment is deemed necessary, the site will be assessed based on the following criteria: <ul style="list-style-type: none"> • The cultural importance of the site to the affected community. • The location of the site with respect to the Project footprint. • The feasibility of alternate routing or siting to avoid the resource. 	Section 7.5	Commitment included in the EA
807	No clearing or construction activity within flagged or fenced areas that contain archaeological resources until further investigation is completed.	Section 7.5	Commitment included in the EA
808	Project personnel will avoid areas that are staked or fenced and abide by restrictions on in/out privileges that are implemented in areas requiring special protection due to environmentally sensitive features.	Section 7.5	Commitment included in the EA
809	Protect archaeological sites identified adjacent to the Project, if deemed appropriate based on the assessment.	Section 7.5	Commitment included in the EA
810	The Stage 2 Archaeological Assessment should follow Section 2.1.5 of the MCM's Standards and Guidelines for consultant Archaeologists (MTCS 2011).	Section 7.5	Commitment included in the EA
811	Hydro One with its contractor(s) will prepare and implement an Archaeological Resources Contingency Plan prior to construction to provide direction in the event that archaeological resources not previously identified are encountered.	Section 7.5	Commitment included in the EA
812	The Project footprint will be surveyed before construction to limit activities to the designated areas of the Project.	Section 7.5 Section 7.6	Commitment included in the EA

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813	<p>In the event that archaeological resources not previously identified are suspected or encountered unexpectedly during construction, implement the following mitigation measures:</p> <ul style="list-style-type: none"> • Suspend activity at that location and do not allow work to resume until permission is granted by Hydro One who will engage Indigenous communities and their elders to obtain direction. • Following engagement with the affected Indigenous communities and their elders, Hydro One will bring in a licenced archaeologist and contact the MCM. • The licenced archaeologist will develop an appropriate mitigation measures plan including engagement with Hydro One, affected Indigenous communities, their elders and stakeholders, and if necessary, the appropriate regulatory agencies. • Continue to offer ongoing engagement to affected communities and apply protocols identified by Indigenous communities for land access and treatment of findings. Hydro One will consult with the MCM regarding proposed protocols on treatment of findings, where appropriate. 	Section 7.5 Section 7.7 Section 7.8	Commitment included in the EA
814	<p>The Stage 2 Archaeological Assessment (and Stage 3 and 4, if required) should be undertaken as soon as possible in the Detailed Planning Phase, prior to construction.</p> <ul style="list-style-type: none"> • Further archaeological work will involve Indigenous community members interested in and/or knowledgeable about the area. • Training of the Indigenous community members about archaeological fieldwork methods, as well as general theory, will be built into the Project scope. Training of local Indigenous community members will build capacity for future archaeological projects within and outside their traditional territories. 	Section 7.5 Section 7.7 Section 7.8	Commitment included in the EA
815	<p>The Stage 2 Archaeological Assessment report will be provided to Indigenous communities prior to submission to the MCM.</p>	Section 7.5 Section 7.7 Section 7.8	Commitment included in the EA



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816	CHERs will be conducted to evaluate the cultural heritage landscapes in the Project LSA.	Section 7.6	Commitment included in the EA
817	If any potential resources are evaluated in the CHERs as being of CHVI, an HIA will be completed and include mitigation measures. The HIA may also recommend that an HCP be undertaken to guide protection and conservation of the specific cultural heritage resource. The CHERs, HIA, and/or HCP will be submitted for MCM and Indigenous communities for review and comment.	Section 7.6	Commitment included in the EA
818	If required, a compliance letter for the Project under the OHA will be obtained from the MCM prior to construction, and the mitigation measures specified in the letter will be adhered to.	Section 7.6	Commitment included in the EA
819	Project personnel will be made aware when working near known or potential built cultural resources and cultural heritage landscapes and avoid areas that are flagged or fenced, and abide by restrictions on in/out privileges.	Section 7.6	Commitment included in the EA
820	Development of new aggregate resources will undergo the applicable permitting process and will include engagement with Indigenous communities as part of the permitting process or as committed to by Hydro One.	Section 7.7	Commitment included in the EA
821	Hydro One will continue discussions with affected Indigenous communities on priority hunting areas and helicopter activity within these areas. Helicopter use in identified priority hunting areas will be limited to the extent reasonably possible. This may include adjusting flight paths around sensitive features or altering start and end times during the day for specific areas.	Section 7.7	Commitment included in the EA
822	Hydro One will continue to work with First Nation communities as IK information becomes available to identify specifically affected areas of harvested resources (i.e., hunting, trapping, fishing, gathering), and review existing or develop appropriate mitigation or avoidance measures. As IK information becomes available, the information will be incorporated into the next project planning and decision-making milestone.	Section 7.7	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
823	Hydro One will continue to work with First Nation communities as IK studies become available during the EA process to identify any specifically affected points of access, and review existing or develop appropriate mitigation or avoidance measures. As IK studies become available, the information will be incorporated into the next project planning and decision-making milestone.	Section 7.7	Commitment included in the EA
824	Hydro One will work with First Nation communities to identify other culturally sensitive, sacred, or spiritual landscapes, and through engagement develop appropriate mitigation or avoidance measures. As IK information becomes available, the information will be incorporated the next project planning and decision-making milestone, and appropriate avoidance or mitigation measures will be developed and implemented.	Section 7.7	Commitment included in the EA
825	Hydro One will work with First Nation communities to identify other factors of importance to quality of experience/sense of place in areas of use for traditional purposes, and through engagement develop appropriate mitigation or avoidance measures. As IK information becomes available, the information will be incorporated the next project planning and decision-making milestone, and appropriate avoidance or mitigation measures will be developed and implemented.	Section 7.7	Commitment included in the EA
826	Indigenous communities will be engaged on decisions regarding access roads left in place to support operations and maintenance. Hydro One will minimize the total footprint of Project access roads by aligning construction and operations stage access planning to the extent possible.	Section 7.7	Commitment included in the EA
827	Provide notification of maintenance activities to affected Indigenous communities, landowners, and stakeholders along the Project corridor as required under Project permits, approvals, and agreements, including sharing approximate dates that work may be done in an area prior to commencing work in the area. The notification process will be developed in collaboration with affected Indigenous communities.	Section 7.7	Commitment included in the EA

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828	Confine Project construction activities to surveyed and marked areas.	Section 7.7 Section 7.8	Commitment included in the EA
829	Construction routes will be designed so as to avoid key access roads/entrances and new travel lanes for maintenance will be gated, fenced, ditched or bermed as appropriate to be to limit travel to construction traffic and to prevent unplanned/undesired recreational access during the operation and maintenance stage.	Section 7.7 Section 7.8	Commitment included in the EA
830	Construction staging will be planned to avoid or minimize potential effects on environmentally sensitive areas or wildlife breeding cycles (e.g., breeding bird period, fisheries windows, etc.), where possible.	Section 7.7 Section 7.8	Commitment included in the EA
831	Cultural awareness training will be provided to the contractor to facilitate the identification of unexpected archaeological resources and protocols/procedures for reporting.	Section 7.7 Section 7.8	Commitment included in the EA
832	If there are concerns or issues raised by Indigenous community members, there will be a process implemented for Hydro One to discuss and address those issues. A Communications Plan will establish the communications process for both formal and informal communications with Indigenous communities, project stakeholders, and other organizations.	Section 7.7 Section 7.8	Commitment included in the EA
833	Implement mitigation measures applied to land use planning, parks and protected area criteria as described in other sections of this EA (i.e., Section 7.1 Non-Indigenous Land and Resource Use) that speak to minimizing the Project footprint.	Section 7.7 Section 7.8	Commitment included in the EA
834	Information will be shared to provide land users clarity on the regulatory restrictions or other legal encumbrances that will impact use of the transmission line ROW.	Section 7.7 Section 7.8	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
835	Signage will be posted along public roadways in proximity to areas of construction and maintenance activities as appropriate to alert other land users that workers are in the area, such as during hunting seasons or periods of harvests indicated by Indigenous communities. Signs will be placed in engagement with the appropriate authorities.	Section 7.7 Section 7.8	Commitment included in the EA
836	There will be engagement with Indigenous communities related to archaeological sites identified in the Archaeological Resources LSA through the completion of the Stage 2 Archaeological Assessment. These sites will be subject to avoidance and protection measures to avoid loss of, or damage to, archaeological resources, or assessed and mitigated by excavation.	Section 7.7 Section 7.8	Commitment included in the EA
837	Through engagement during the Draft EA process, Hydro One heard feedback from Indigenous communities and stakeholders regarding concerns with the use of herbicides to remove and manage vegetation on the Project. After extensive consideration of this feedback, herbicides will not be used during construction of the Project or for future maintenance of this transmission line.	Section 7.7 Section 7.8	Commitment included in the EA
838	Training of the Indigenous community members about archaeological fieldwork methods, as well as general theory, will be built into the Project scope. Training of local Indigenous community members will build capacity for future archaeological projects within and outside their traditional territories.	Section 7.7 Section 7.8	Commitment included in the EA
839	Disturbances will be avoided and minimized and access restrictions on areas where OTN trails, non-OTN trails, and other trails including resource trails are located will be implemented where possible.	Section 7.7 Section 7.8	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
840	Hydro One will continue to work with Métis communities and submitted IK information to further identify specifically affected areas of harvested resources (i.e., hunting, trapping, fishing, gathering) and known sites identified by Métis citizens as being important for teaching/transmittal to the next generation, and review existing or develop appropriate mitigation or avoidance measures.	Section 7.8	Commitment included in the EA
841	Hydro One will continue to work with Métis communities as IK information becomes available during the EA process to identify specifically affected areas of cultural resources (i.e., culturally important, ceremonial, sacred) and known sites identified by Métis citizens as being important for teaching/transmittal to the next generation, and review existing or develop appropriate mitigation or avoidance measures. As IK information becomes available, the information will be incorporated into the next project planning and decision-making milestone.	Section 7.8	Commitment included in the EA
842	Provide adequate notification of construction and maintenance activities to affected Indigenous communities, landowners, and stakeholders along the Project corridor as required under Project permits, approvals, and agreements, including sharing approximate dates that work may be done in an area prior to commencing work in the area.	Section 7.8	Commitment included in the EA
843	Where blasting activities are required, all blasting operations will occur in accordance with the EPP Blasting and Communication Management Plan. The process and procedures for notifications and minimizing effects of blasting activities (i.e., avoidance of sensitive features and timing windows, where possible) will be developed collaboratively with Indigenous communities.	Section 7.8	Commitment included in the EA
844	Hydro One with their contractor(s) will prepare and implement an EPP, Waste Management and Disposal Plan, and Groundwater Dewatering and Discharge Plan.	Section 6.3	Commitment included in the EA

Table 1.0-2: Other Environmental Assessment Commitments

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
845	Hydro One will consider Indigenous Knowledge, including Traditional Knowledge/Traditional Land and Resource Use, at all stages of the project.	Throughout EA	Completed through the EA; however, will be ongoing throughout the Project
846	Baseline data collected for aquatic, vegetation and wetlands and wildlife and wildlife habitat components will be made available to Grand Council Treaty #3 offices and the communities upon completion of baseline reporting and effects assessment.	Appendix 6.2-A Appendix 6.4-A Appendix 6.6-A	Completed through the EA
847	Hydro One will share the field survey results with the GLP Protection Committee.	Appendix 6.2-A Appendix 6.4-A Appendix 6.6-A	Completed through the EA
848	Findings related to the 2022 field surveys will be shared with MNO Region 1 and Region 2 in advance of integration into the EA through community open house events and meetings, along with other engagement activities which may occur prior to the finalization of the EA so that Indigenous communities are provided opportunity to review and provide meaningful input.	Appendix 6.2-A Appendix 6.4-A Appendix 6.6-A	Completed through the EA
849	Hydro One will engage with Indigenous communities, agencies and the public during the EA to request feedback on the preliminary criteria and indicators. The preliminary criteria and indicators will be added as an appendix to the Field Work Plan and additional references to the criteria and indicators will be made throughout the Field Work Plan.	Section 4.0 Appendix 2.0-A Section 6.0 Section 7.0	Completed through the EA
850	Hydro One will continue to engage with Sustainable Forest License holders throughout the EA.	Section 4.4.3	Completed through the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
851	If IK/TLRU from the MNO is received after the draft EA is completed, attempts will be made to incorporate the MNO input into the final EA.	Section 4.5.6 Section 6.4 Section 6.5 Section 6.6 Section 7.1 Section 7.8	Completed through the EA
852	If destruction or alteration of fish habitat may occur, those specific sites will be surveyed, either as part of the 2022 field surveys, or subsequent surveys if required.	Section 6.6 Appendix 6.6-A	Completed through the EA; however, will be ongoing throughout the Project
853	Lac des Mille Lacs First Nation noted concerns related to confidential information. Hydro One noted that MECP could request to see confidential information (submitted in confidence) but committed to not disclosing confidential information without discussing with Lac des Mille Lacs First Nation and receiving permission first.	Section 4.5 Section 7.7 Appendix 6.4-A	Completed through the EA; however, will be ongoing throughout the Project
854	Hydro One made a commitment to provide opportunities for the Indigenous community portion of the Record of Consultation (RoC) to be reviewed prior to posting it publicly.	Section 4.0	Completed through the EA
855	Indigenous knowledge will be incorporated into the baseline of the EA as information is received and will not be limited to a section focused on Indigenous interests.	Section 4.0 Section 6.0 Section 7.0	Completed through the EA
856	Hydro One committed to knowledge sharing opportunities during the Stage 1 Archaeological Assessment.	Section 4.5.4 Appendix 7.5-A	Completed through the EA
857	No field surveys are to occur within Wabigoon Lake Ojibway Nation territory without the presence of a community field monitor, and participating field crew having completed Wabigoon Cultural Sensitivity Training.	Section 4.5.5 Appendix 6.2-A Appendix 6.4-A Appendix 6.6-A	Completed through the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
858	The planned approach to construction will be documented in the EA and measures will be considered to mitigate potential impacts. Monitoring will be undertaken throughout construction to ensure compliance with the measures prescribed in the environmental assessment. Hydro One will hold their Contractor(s) responsible for any non-compliance.	Section 3.0 Section 10.0	Completed through the EA
859	Commitments regarding the inclusion of affected First Nations in the inspection of decommissioned and/or temporary construction infrastructure will be developed in collaboration with GLP and included as part of the Indigenous Monitoring Plan.	Appendix 4.0-A	Commitment included in the EA
860	Hydro One commits to developing an Indigenous Monitoring Plan in collaboration with affected Indigenous communities.	Section 10.1	Commitment included in the EA
861	The Environmental Protection Plan will be provided to affected Indigenous communities and agencies for review and input at least 90 days in advance of construction	Section 10.2	Commitment included in the EA
862	Hydro One commits to engaging with affected Indigenous communities on infrastructure that will be left in place to support operations and maintenance. This commitment will be included in the final EA as well as part of the Indigenous Monitoring Plan.	Appendix 4.0-A	Commitment included in the EA
863	The inclusion of Indigenous monitors during reclamation activities will be included in the Indigenous Monitoring Plan.	Appendix 4.0-A	Commitment included in the EA
864	Helicopter use in priority hunting areas will be limited to the extent reasonably possible. Note that the ability to adjust activities will be subject to the total amount of priority hunting areas identified and flow of other project activities.	Appendix 4.0-A	Commitment included in the EA
865	The process and procedures for notifications and avoiding sensitive timing windows will be developed collaboratively with communities through development of the Traditional Land and Resource Use Management Plan.	Appendix 4.0-A	Commitment included in the EA
866	The Final EA will be updated to acknowledge the importance of Indigenous community perspectives in relation to assessing the significance of an effect on Indigenous Rights	Throughout EA	Completed in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
867	Hydro One will provide opportunities to conduct pre-clearing harvests, and the process and procedures for them, will be included in the Traditional Land and Resource Use Management Plan which will be developed collaboratively with Indigenous communities.	Appendix 4.0-A	Commitment included in the EA
868	Section 10.0 of the Final EA Report outlines the monitoring requirements for the Project, including proposed monitoring for wildlife and wildlife habitat. Indigenous communities have noted the importance of moose to their communities. Hydro One will work with Indigenous communities to develop and implement mitigation effectiveness monitoring.	Section 10.0	Commitment included in the EA
869	Hydro One is committed to upholding OCAP principles regarding information shared by Indigenous communities to inform the EA.	Appendix 4.0-A	Commitment included in the EA
870	Hydro One has committed to undertaking a biodiversity initiative specific to this project to offset habitat loss or transition (long-term change) that may occur as a result of the Project. Following completion of the EA process, Hydro One will engage with Indigenous communities, local communities and interested parties to discuss the implementation of the biodiversity initiative for the Project.	Appendix 4.0-A	Commitment included in the EA
871	Hydro One commits to further discussion with the NWOMC and Region 2 on HADD requirements associated with the Project once those requirements are known.	Appendix 4.0-A	Commitment included in the EA
872	Hydro One commits to continuing to engage with the MNO on the information provided in the NWOMC and Region 2 Traditional Knowledge and Land Use Study for the Project. While the preferred route has been determined, Hydro One commits to engaging with the MNO on potential refinements to the Project footprint and incorporation of site-specific mitigation in order to avoid or minimize impacts to NWOMC and Region 2.	Appendix 4.0-A	Commitment included in the EA
873	Hydro One is also committed to working with NWOMC and Region 2 to develop a community-based monitoring program in areas of high interest to MNO.	Appendix 4.0-A	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
874	Hydro One commits to further engagement with the NWOMC and Region 2 on the effects related to provincial parks and conservation reserves, including on any required modifications to their Management Plans and Statements.	Appendix 4.0-A	Commitment included in the EA
875	Hydro One will consult with the NWOMC and Region 2 on the access roads that will be left in place to support operation and maintenance of the Project.	Appendix 4.0-A	Commitment included in the EA
876	Hydro One commits to consult with affected Indigenous communities on the plan for helicopter use on the Project and consult affected Indigenous communities on priority hunting areas and helicopter activity within these areas.	Appendix 4.0-A	Commitment included in the EA
877	Hydro One commits to engaging with the NWOMC and Region 2 on aggregate use and the offering of rights associated with aggregate pits before reclamation. Hydro One and its contractors are committed to discussing business participation opportunities with all Indigenous communities.	Appendix 4.0-A	Commitment included in the EA
878	Where blasting activities are required, all blasting operations will occur in accordance with the EPP Blasting and Communication Management Plan. The process and procedures for notifications and minimizing effects of blasting activities (i.e., avoidance of sensitive features and timing windows, where possible) will be developed collaboratively with Indigenous communities.	Appendix 4.0-A	Commitment included in the EA
879	Hydro One commits to further engagement on the plan for vegetation restoration and to providing opportunities for NWOMC and Region 2 involvement in monitoring programs.	Appendix 4.0-A	Commitment included in the EA
880	Hydro One commits to continuing to engage with the NWOMC Regional Consultation Committee and the Region 2 Regional Consultation Committee on the Stage 2 Archaeological Assessment and providing opportunities for involvement in the assessment.	Appendix 4.0-A	Commitment included in the EA
881	Where notice is provided to affected Indigenous communities prior to the start of construction, concerns related to potential placement of signs could be raised for discussion to determine appropriate locations that most appropriately inform land users of active work.	Appendix 4.0-A	Commitment included in the EA



ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
882	Hydro One is committed to ongoing engagement with the NWOMC and Region 2 through the permitting phase of the Project and into construction.	Appendix 4.0-A	Commitment included in the EA
883	Hydro One commits to further engagement on the plan for vegetation restoration, including on seed mixes to be used. A process for monitoring will be developed in collaboration with affected First Nation communities and included as part of the Indigenous Monitoring Plan.	Appendix 4.0-A	Commitment included in the EA
884	Hydro One commits to engaging with Lac des Mille Lacs First Nation on potential refinements to the Project footprint and incorporation of site-specific mitigation in order to avoid or minimize impacts to Lac des Mille Lacs First Nation.	Appendix 4.0-A	Commitment included in the EA
885	The Project team can support Lac des Mille Lacs First Nation in acquiring information related to archaeological sites with community associations from the MCM.	Appendix 4.0-A	Commitment included in the EA
886	Excel files with the UTM coordinates of the transmission line, all potential PORs and the representative PORs will be provided to the MECP.	Appendix 4.0-A	Commitment included in the EA
887	The Steep Rock pit lake area will continue to be monitored and any flooding, if/when it materializes, and any warranted mitigation will be considered collectively with all of Hydro One's system assets.	Appendix 4.0-A	Commitment included in the EA
888	Any merchantable timber used in the subgrade will be accounted for under a scaling agreement with the MNRF.	Appendix 4.0-A	Commitment included in the EA
889	Each waterbody crossing will be visited ahead of construction to ensure that the crossing location is conducive to a culvert install. If site-specific features, such as a bedrock bottom, prevent the installation of a culvert then a different crossing method will be chosen.	Appendix 4.0-A	Commitment included in the EA
890	Rehabilitation plans will be included at the time of application(s) for all proposed aggregate sites.	Appendix 4.0-A	Commitment included in the EA
891	Hydro One will consider Ontario's Biodiversity Strategy 2023-2030 when undertaking planning for the biodiversity initiative.	Appendix 4.0-A	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
892	Hydro One will consider the restoration of riparian habitat within the RSA as one potential regional option or activity for the Project's biodiversity initiative to boost the percentage to within the recommended resource management criterion.	Appendix 4.0-A	Commitment included in the EA
893	MNRFF will be contacted to discuss permitting requirements if an individual will possess a dead animal. (i.e., Future MNRFF permitting/approval requirements are not noted if an individual encounters and wishes to possess a found dead wild animal.)	Appendix 4.0-A	Commitment included in the EA
894	Biodegradable sediment fencing will be used throughout the project.	Appendix 4.0-A	Commitment included in the EA
895	Erosion and sediment control measures will be kept in place until all work is completed and/or all disturbed ground has been stabilized and/ or re-vegetated as required.	Appendix 4.0-A	Commitment included in the EA
896	MNRFF will be notified of all new watercourses identified requiring crossings. In situations where unmapped streams are encountered and a water crossing is required, an appropriate crossing structure will be installed based on the types of equipment crossing, the overall width of the crossing, the season of use, and the duration of the crossing.	Appendix 4.0-A	Commitment included in the EA
897	Log fills will only be prescribed in wet areas where there are no defined channels and are intended only to maintain natural drainage patterns. There will be no log fills installed in any actual waterbody or in any defined channel, whether it is wet or dry. In effect, log fills will only be used where there is clearly no impact to fish or fish habitat.	Appendix 4.0-A	Commitment included in the EA
898	Hydro One will adhere to the restricted activity timing period for lake trout to the extent practicable and the mitigation measures outlined in Section 6.6.7.2.1 (Mitigation Measures) in order to minimize adverse impacts to lake trout habitat.	Appendix 4.0-A	Commitment included in the EA

ID #	Hydro One Environmental Assessment Commitment	EA Report Section Where Commitment is Incorporated	Status
899	Aggregate required for the construction of the road will be sourced from existing or approved pits under the Aggregate Resources Act and aggregate pit applications will follow the MNRF process outlined at https://www.ontario.ca/page/aggregate-resources#section-7 .	Appendix 4.0-A	Commitment included in the EA
900	Trees harvested on private land will be made available for use by the landowner. Where landowners do not want timber for personal use, material will be disposed of by chipping, burning, or delivery to a manufacturing facility or otherwise amenable receiver.	Appendix 4.0-A	Commitment included in the EA
901	Meetings will occur with non-SFL related wood facilities to discuss opportunities for harvested open market wood fibre, product specifications and pricing.	Appendix 4.0-A	Commitment included in the EA
902	Any clearing plans will be finalized in consultation with the SFL holders who will advise on the forest products that can be received by the mills. These will be agreed and included in the overlapping licence agreement that is a prerequisite to the Crown Forest Licence that must be obtained prior to the cutting of trees.	Appendix 4.0-A	Commitment included in the EA
903	A slash management plan may be developed if required by the SFL holder.	Appendix 4.0-A	Commitment included in the EA
904	Hydro One will continue to engage with MNRF managed stakeholders as appropriate throughout the EA and construction. For example, the Ontario Fur Managers Association to discuss the Project.	Appendix 4.0-A	Commitment included in the EA
905	Notification will be provided to local fire department in advance of burning activities (slash pile burning).	Appendix 4.0-A	Commitment included in the EA
906	Hydro One will work with private landowners to identify nearby wells with the potential to be affected by the Project, including shallow dug wells, and ways in which construction activities and locations can be modified to reduce those effects, including avoiding excavation and blasting near private wells. In the event of well interference as a result of the Project, Hydro One will work with the landowner to provide alternative water supply.	Appendix 4.0-A	Commitment included in the EA





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