

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
WST-1	Storage of Hazardous or Liquid Industrial Waste at Disposal Sites	MOE	C	<p>Prescribed Instrument</p> <p>1) Waste disposal sites shall be prohibited where the activity would be a significant drinking water threat, where waste disposal sites include:</p> <p>a) Storage of hazardous or liquid industrial waste at disposal sites in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA A (future); or • WHPA B (VS ≥ 8) (future); or • WHPA C (VS=8) (future); or • WHPA E (VS ≥ 9) (future). <p>b) Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA A (future); or • WHPA B (VS ≥ 8) (future); or • WHPA C (VS=8) (future); or • WHPA E (VS=10) (future). 	See Maps 1.1 – 1.21	Future: Immediately (T-3)	WST-2	MON-4
	Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste			<p>2) Where a waste disposal site is in an area where the activity is a significant drinking water threat, the Environmental Compliance Approval that governs the activity shall be reviewed to ensure appropriate terms and conditions are included so that the activity ceases to be a significant drinking water threat, where waste disposal sites include:</p> <p>a) Storage of hazardous or liquid industrial waste at disposal sites in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA A (existing); or • WHPA B (VS ≥ 8) (existing); or • WHPA C (VS=8) (existing); or • WHPA E (VS ≥ 9) (existing). <p>b) Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA A (existing); or • WHPA B (VS ≥ 8) (existing); or • WHPA C (VS=8) (existing); or • WHPA E (VS ≥ 10) (existing). 		Existing: 3-years (T-1)	GEN-5	MON-4

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
WST-2	Storage of Hazardous or Liquid Industrial Waste at Disposal Sites Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste	Planning Approval Authority	A	<p>Land Use Planning</p> <p>Waste disposal sites shall be prohibited where the activity would be a significant drinking water threat, where waste disposal sites include:</p> <p>a) Storage of hazardous or liquid industrial waste at disposal sites in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA A (future); or • WHPA B (VS ≥ 8) (future); or • WHPA C (VS=8) (future); or • WHPA E (VS ≥ 9) (future). <p>b) Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA A (future); or • WHPA B (VS ≥ 8) (future); or • WHPA C (VS=8) (future); or • WHPA E (VS=10) (future). 	See Maps 1.1–1.21	<p>Future: Immediately (T-9)</p> <p>Amend OPs and ZBLs for conformity within 5 years (T-8)</p>	WST-1	MON-1

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
<u>WST-1</u>	<u>Storage of Hazardous or Liquid Industrial Wastes (not included in the small quantity exemptions)</u>	<u>RMO</u>	<u>H</u>	<p><u>Part IV, s.58</u></p> <p><u>The establishment, operation, or maintenance of a site used by the generator to store hazardous or liquid industrial waste which is not included in the small quantity exemption in Ontario Regulation 347 under the Environmental Protection Act, is designated for the purpose of s.58 under the Clean Water Act, requiring risk management plans where the threat is, or would be significant, in any of the following areas:</u></p> <ul style="list-style-type: none"> <u>• WHPA-A (existing, future); or</u> <u>• WHPA-B (VS = 10) (existing, future); or</u> <u>• WHPA-E (VS ≥ 9) (existing, future).</u> 	<u>See Maps 1.1 – 1.21</u>	<p><u>Future: Immediately (T-7)</u></p> <p><u>Existing: 1 year/ 5 years (T-6)</u></p>	<u>GEN-1</u> <u>GEN-2</u>	<u>MON-2</u>
<u>WST-2</u>	<u>Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste, or in clause (d) of the definition of liquid or industrial waste</u>	<u>Municipality</u> <u>MOECC</u>	<u>E</u> <u>K</u>	<p><u>Education and Outreach</u></p> <p><u>The municipality shall deliver education and outreach materials and programs where the storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste, or in clause (d) of the definition of liquid or industrial waste is, or would be, a significant drinking water threat targeted towards ensuring that facilities that generate small quantities of waste manage the storage of these wastes so that they cease to be, or do not become, a significant drinking water threat in any of the following areas:</u></p> <ul style="list-style-type: none"> <u>• WHPA-A (existing, future); or</u> <u>• WHPA-B (VS = 10) (existing, future); or</u> <u>• WHPA-E (VS = 10) (existing, future).</u> <p><u>Where appropriate education and outreach materials prepared by the Ministry of the Environment and Climate Change are available, the municipality shall deliver those materials.</u></p>	<u>See Maps 1.1 – 1.21</u>	<u>Existing & Future: 2 years (T-10)</u>	<u>GEN-8</u>	<u>MON-1</u> <u>MON-4</u>

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
WST-3	Application of Untreated Septage to Land	MOECC	C	<p>Prescribed Instrument</p> <p>1) The application of untreated septage to land shall be prohibited where the activity would be a significant drinking water threat in the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS ≥ 8) (future); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-3)</p> <p>Existing: Upon expiry or within 5 years (T-2)</p>	N/A	MON-4
				<p>2) The application of untreated septage to land (existing) may continue only until the expiry of the current approval, after which time it shall be considered a future activity in <u>any of the following areas:</u></p> <ul style="list-style-type: none"> • <u>WHPA-B (VS = 10) (existing); or</u> • <u>WHPA-E (VS ≥ 8) (existing); or</u> • <u>the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing).</u> 		<p>Existing: Upon expiry or within 5 years (T-2)</p>		

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Polices	Monitoring Policy
WST-4	Storage, Treatment, and Discharge of Tailings from Mines	MOECC	C	<p>Prescribed Instrument</p> <p>1) Waste disposal sites (<u>future</u>) shall be prohibited where the storage, generation or management of waste would be a significant drinking water threat, where these activities include:</p> <p>a) Storage, treatment, and discharge of tailings from mines; b) Landfarming of petroleum refining waste; and c) Landfilling (hazardous waste); in any of the following areas: WHPA-A (future); or WHPA-B (VS=10)(future); or WHPA-E (VS ≥ 9) (future); db) Landfilling (municipal waste); and e) Landfilling (solid non-hazardous industrial or commercial waste); in any of the following areas: WHPA-A (future); or WHPA-B (VS ≥ 8) (future); or WHPA-C (VS=8) (future); or WHPA-E (VS ≥ 9) (future); f) Liquid industrial waste injection into a well; in any of the following areas: WHPA-A (future); or WHPA-B (VS ≥ 8) (future); or WHPA-C (VS=8) (future); <u>g) Storage of hazardous or liquid industrial waste (large facilities such as landfills and transfer stations); and</u> <u>h) Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste, or in clause (d) of the definition of liquid industrial waste (large facilities such as landfills and transfer stations).</u></p> <p>2) Where a waste disposal site (<u>existing</u>) is in an area where the storage, generation or management of waste is a significant drinking water threat, the Environmental Compliance Approval that governs the activity shall be reviewed to ensure appropriate terms and conditions are included so that the activity ceases to be a significant drinking water threat, where waste disposal sites include:</p>	See Maps 1.1 - 1.21	Future: Immediately (T-3)	WST-5	MON-4
	<p><u>Storage of Hazardous or Liquid</u></p>							Existing: 3 years (T-1)

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
	<p><u>Industrial Waste (at large facilities such as landfills and transfer stations)</u></p> <p><u>Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste, or in clause (d) of the definition of liquid industrial waste (at large facilities such as landfills and transfer stations)</u></p>			<p>a) Storage, treatment, and discharge of tailings from mines; b) Landfarming of petroleum refining waste; and c) Landfilling (hazardous waste); in any of the following areas: WHPA-A (existing); or WHPA-B (VS=10) (existing); or WHPA-E (VS ≥ 9) (existing); db) Landfilling (municipal waste); and e) Landfilling (solid non-hazardous industrial or commercial waste); in any of the following areas: WHPA-A (existing); or WHPA-B (VS ≥ 8), (existing); or WHPA-C (VS=8) (existing); or WHPA-E (VS ≥ 9) (existing); fe) Liquid industrial waste injection into a well; in any of the following areas: WHPA-A (existing); or WHPA-B (VS ≥ 8) (existing); or WHPA-C (VS=8) (existing); g) <u>Storage of hazardous liquid industrial waste (at large facilities such as landfills and transfer stations); and</u> h) <u>Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste, or in clause (d) of the definition of liquid industrial waste (at large facilities such as landfills and transfer stations).</u></p>				

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
WST-5	<p>Storage, Treatment, and Discharge of Tailings from Mines</p> <p>Landfarming of Petroleum Refining Waste</p> <p>Landfilling (Hazardous Waste)</p> <p>Landfilling (Municipal Waste)</p> <p>Landfilling (Solid Non-Hazardous Industrial or Commercial Waste)</p> <p>Liquid Industrial Waste Injection into a Well</p> <p><u>Storage of Hazardous Liquid Industrial Waste (at large facilities such as landfills and transfer stations)</u></p> <p><u>Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste, or in clause (d) of the definition of liquid industrial waste (at large facilities such as landfills and transfer stations)</u></p>	Planning Approval Authority	A	<p>Land Use Planning</p> <p><u>The use of land for waste disposal (future) sites</u> shall be prohibited where the storage or generation of waste would be a significant drinking water threat, where these activities include at the following types of waste disposal sites:</p> <p>a) Storage, treatment, and discharge of tailings from mines; b) Landfarming of petroleum refining waste; and c) Landfilling (hazardous waste); in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS=10) (future); or • WHPA-E (VS ≥ 9) (future). <p>d) Landfilling (municipal waste); and e) Landfilling (solid non-hazardous industrial or commercial waste); in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS ≥ 8) (future); or • WHPA-C (VS=8) (future); or • WHPA-E (VS ≥ 9) (future). <p>f) Liquid industrial waste injection into a well; in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS ≥ 8) (future); or • WHPA-C (VS=8) (future). <p>g) Storage of hazardous or liquid industrial waste (at large facilities such as landfills and transfer stations); h) Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste, or in clause (d) of the definition of liquid industrial waste (at large facilities such as landfills and transfer stations).</p>	See Maps 1.1 - 1.21	<p>Future: Immediately (T-9)</p> <p>Amend OPs and ZBLs for conformity within 5 years <u>and ZBLs within 3 years of OP approval</u> (T-8)</p>	WST-4	MON-1

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Polices	Monitoring Policy
WST-6	PCB Waste Storage	RMO	G	<p>Part IV, s.57, s.58</p> <p>Where an approval under the <i>Environmental Protection Act</i> is not required, the establishment, operation or maintenance of a waste disposal site, including for the storage of PCB waste where it is, or would be, a significant drinking water threat, will require the following actions to be taken:</p> <p>1) The storage of PCB waste is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat would be significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS = 10) (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-5)	GEN-1	MON-2
			H	<p>2) The storage of PCB waste (existing) is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing); or • WHPA-E (VS = 10) (existing). 		Existing: 1 year/ 5 years (T-6)	GEN-1 GEN-2 N/A	MON-2
WST-7	<u>PCB Waste Storage (temporary waste destruction units)</u>	MOECC	C	<p><u>Prescribed Instrument</u></p> <p><u>Where a temporary waste destruction unit for PCBs is required in an area where the storage of PCB waste is, or would be, a significant drinking water threat, the Environmental Compliance Approval that governs the activity shall be reviewed or established to ensure appropriate terms and conditions are included so that the activity ceases to be, or does not become, a significant drinking water threat in any of the following areas:</u></p> <ul style="list-style-type: none"> • <u>WHPA-A (existing, future); or</u> • <u>WHPA-B (VS = 10) (existing, future); or</u> • <u>WHPA-E (VS = 10) (existing, future).</u> 	See Maps 1.1 - 1.21	<p><u>Future: Immediately (T-3)</u></p> <p><u>Existing: 3 years (T-1)</u></p>	GEN-3	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SWG-1	Septic Systems Governed under the <i>Building Code Act</i>	Municipality	E	<p>Specify Action</p> <p>A prioritized maintenance inspection program for septic systems governed under the <i>Building Code Act</i>; in locations where the threat is, or would be, significant, shall be implemented by the municipality or Principal Authority under the Ontario Building Code no later than January 2017. Inspection efforts should be prioritized based on systems that pose the greatest risk to sources of drinking water, such as the oldest systems or those in any of the areas of highest vulnerability:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS = 10) (existing, future); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 	See Maps 1.1 - 1.21	January 2017 (T-13)	N/A	MON-1
SWG-2	Septic Systems Governed under the <i>Building Code Act</i>	MOECC <u>Municipality</u>	K <u>E</u>	<p>Education and Outreach</p> <p>The Ministry of the Environment <u>and Climate Change</u> should develop and produce education and outreach materials <u>which shall be delivered for delivery</u> by local municipalities to landowners with septic systems governed under the <i>Building Code Act</i> within significant threat areas that explains the rationale for the maintenance inspection program and the benefits of regular maintenance and properly functioning septic systems where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (<u>existing, future</u>); or • WHPA-B (VS = 10) (<u>existing, future</u>); or • WHPA-E (VS = 10) (<u>existing, future</u>); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (<u>existing, future</u>). 	See Map 1.1 - 1.21	<u>Existing & Future: Implement within 2 years (T-10)</u>	GEN- 86	MON-4 <u>MON-1</u>

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SWG-3	Septic Systems Governed under the <i>Building Code Act</i>	Municipality <u>Planning Approval Authority</u>	<u>AE</u>	<p>Specify Action Land Use Planning</p> <p>Where septic systems governed under the <i>Building Code Act</i> (vacant existing lot of record) would be a significant drinking water threat, <u>vacant lots of record shall be subject to site plan control so that the location of the individual on-site sewage systems and replacement beds only be permitted if they are sited to ensure they do not become a significant drinking water threat</u> septic systems shall only be permitted if the municipality is satisfied that the activity does not become a significant drinking water threat. The hydrogeological assessment to determine appropriate development density shall be conducted by a professional licensed to carry out that work for existing lots of record in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (<u>future</u>); or • WHPA-B (VS = 10) (<u>future</u>); or • WHPA-E (VS = 10) (<u>future</u>); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (<u>future</u>). 	See Maps 1.1 - 1.21	<p>Immediately (T-17) Future: Immediately (T-9)</p> <p><u>Amend OPs for conformity within 5 years and ZBLs within 3 years of OP approval (T-8)</u></p>	N/A	MON-1
SWG-4	Septic Systems Governed under the <i>Building Code Act</i>	Planning Approval Authority	A	<p>Land Use Planning</p> <p>1) No new lots requiring septic systems governed under the <i>Building Code Act</i> shall be created where the activity would be a significant drinking water threat in the following area:</p> <ul style="list-style-type: none"> • WHPA-A (future). <p>2) New lots requiring septic systems governed under the <i>Building Code Act</i> in an area where the activity would be a significant drinking water threat shall only be permitted if the municipality is satisfied that the activity will not become a significant drinking water threat. The hydrogeological assessment to determine appropriate development density shall be conducted by a professional licensed to carry out that work in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS = 10) (future); or • WHPA-E (VS = 10) (future); or • the remainder of an Issue Contributing Area for Nitrates, or Pathogens, <u>Sodium or Chloride</u> (future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-9)</p> <p><u>Amend OPs and ZBLs for conformity within 5 years and ZBLs within 3 years of OP approval (T-8)</u></p>	N/A	MON-1

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SWG-5	Septic Systems Governed under the <i>Building Code Act</i>	MMAH	K	<p>Specify Action</p> <p>The Ministry of Municipal Affairs and Housing is requested to amend the <i>Building Code Act</i> to permit municipalities to require higher standards for septic systems governed under the <i>Building Code Act</i> to deal with nitrate and pathogen threats where they would be a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS = 10) (future); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-1 87)	N/A	MON-4
SWG-6	Septic Systems Governed under the <i>Building Code Act</i> and <i>Ontario Water Resources Act</i>	Municipality	E	<p>Specify Action</p> <p>Where municipal sanitary sewers and capacity are available, the municipality is encouraged to pass by-laws <u>under the <i>Municipal Act</i></u> to require mandatory connections to the municipal sewer system for new development and existing septic systems governed under the <i>Building Code Act</i> and the <i>Ontario Water Resources Act</i>, and the decommissioning of existing systems, where they are a significant drinking water threat located in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A <u>(existing, future)</u>; or • WHPA-B (VS = 10) <u>(existing, future)</u>; or • WHPA-E (VS = 10) <u>(existing, future)</u>; or • the remainder of an Issue Contributing Area for Nitrates, or Pathogens, <u>Sodium or Chloride (existing, future)</u>. 	See Maps 1.1 - 1.21	<u>Existing & Future: Consider within 2 years (T-15)</u>	N/A	MON-1
SWG-7	Septic Systems Governed under the <i>Building Code Act</i> and <i>Ontario Water Resources Act</i>	Municipality <u>SPA</u>	E	<p>Specify Action</p> <p>The municipality in cooperation with local health units and Source Protection Authorities shall provide education and outreach materials for septic systems governed under the <i>Building Code Act</i> and the <i>Ontario Water Resources Act</i> (existing) to landowners in the entire Issue Contributing Area for Sodium or Chloride regarding:</p> <p>a) the use of more efficient water softeners to reduce the discharge of salt to the septic system; and</p> <p>b) promoting best management practices to ensure outdoor taps are not connected to the softened water line.</p>	See Maps 1.2 1.3 1.11 1.14	Existing: <u>Implement within 2 years (T-10)</u>	GEN- 86	MON-1 <u>MON-3</u>

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SWG-8	Septic Systems Regulated under the <i>Ontario Water Resources Act</i>	MOECC	C	Prescribed Instrument 1) Septic systems with subsurface disposal of effluent, as regulated by the <i>Ontario Water Resources Act</i> , shall be prohibited where the activity would be a significant drinking water threat in the following area: <ul style="list-style-type: none"> • WHPA-A (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-3)	SWG-9	MON-4
				2) Where septic systems with subsurface disposal of effluent, as regulated by the <i>Ontario Water Resources Act</i> , are in an area where the activity is, or would be, a significant drinking water threat, the Environmental Compliance Approval that governs the activity shall be reviewed or established to ensure appropriate terms and conditions are included so that the activity ceases to be, or does not become, a significant drinking water threat in any of the following areas: <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS = 10) (existing, future); or • the remainder of an Issue Contributing Area for Nitrates, or Pathogens, <u>Sodium or Chloride</u> (existing, future). 		Future: Immediately (T-3) Existing: 3 years (T-1)	GEN-35 SWG-9	MON-4
SWG-9	Septic Systems Regulated under the <i>Ontario Water Resources Act</i>	Planning Approval Authority	A	Land Use Planning 1) New development dependent on septic systems with subsurface disposal of effluent, as regulated by the <i>Ontario Water Resources Act</i> , shall be prohibited where the activity would be a significant drinking water threat in the following area: <ul style="list-style-type: none"> • WHPA-A (future). 2) New development dependent on septic systems with subsurface disposal of effluent, as regulated by the <i>Ontario Water Resources Act</i> , in an area where the activity would be a significant drinking water threat, shall only be permitted where it has been demonstrated by the proponent through an approved Environmental Assessment or similar planning process that the location for the septic system is the preferred alternative and the safety of the drinking water system has been assured in any of the following areas: <ul style="list-style-type: none"> • WHPA-B (VS = 10) (future); or • WHPA-E (VS = 10) (future); or • the remainder of an Issue Contributing Area for Nitrates, or Pathogens, <u>Sodium or Chloride</u> (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-9) Amend OPs and ZBLs for conformity within 5 years and ZBLs within 3 years of OP approval (T-8)	SWG-8	MON-1

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SWG-10	Septic Systems Regulated under the <i>Ontario Water Resources Act</i>	MOECC	K	<p>Specify Action</p> <p>The Ministry of the Environment and Climate Change is requested to develop guidelines for managing significant drinking water threats from septic systems with subsurface disposal of effluent, as regulated by the <i>Ontario Water Resources Act</i>, for distribution to developers, municipalities and other interested or affected parties in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS = 10) (existing, future); or • the remainder of an Issue Contributing Area for Nitrates, Pathogens, Sodium or Chloride (existing, future). 	See Maps 1.1 - 1.21	Existing & Future: Consider within 2 years (T-15)	N/A GEN-8	MON-4

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SWG-11	Discharge from a Stormwater Retention Pond	MOECC	C	<p>Prescribed Instrument</p> <p>1) Discharge, including infiltration, from a stormwater retention pond shall be prohibited into an area where the discharge would be a significant drinking water threat in the following area:</p> <ul style="list-style-type: none"> • WHPA-A (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-3)	SWG-12	MON-4
				<p>2) Where the discharge from a stormwater retention pond is in an area where the activity is, or would be, a significant drinking water threat, the Environmental Compliance Approval that governs the activity shall be reviewed or established to ensure appropriate terms and conditions are included so that the activity ceases to be, or does not become, a significant drinking water threat in the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 8) (existing, future); or • the remainder of an Issue Contributing Area for Nitrates, Pathogens, Sodium or Chloride (existing, future). <p>Not limiting any other conditions to be included in the Environmental Compliance Approval, the Issuing Director should include the following conditions, where possible:</p> <ul style="list-style-type: none"> • no untreated stormwater is discharged from the pond into a WHPA-E where it would be classified as a significant drinking water threat; • existing infiltration ponds are lined to prevent infiltration of contaminants; and • in an Issue Contributing Area for Sodium or Chloride, require actions to reduce salt sodium and chloride loading into the pond from upstream lands where the application of road salt occurs. 		Future: Immediately (T-3) Existing: 3 years (T-1)	GEN-35 SWG-12	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SWG-12	Discharge from a Stormwater Retention Pond	Planning Approval Authority	A	<p>Land Use Planning</p> <p>1) The use of land for the establishment of new stormwater retention ponds shall be prohibited where the discharge (including infiltration) of stormwater would be into a significant threat area in the following area:</p> <ul style="list-style-type: none"> • WHPA-A (future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-9)</p> <p>Amend OPs and ZBLs for conformity within 5 years <u>and ZBLs within 3 years of OP approval</u> (T-8)</p>	SWG-11	MON-1
				<p>2) The use of land for the discharge from a stormwater retention pond in an area where the activity would be a significant drinking water threat, shall only be permitted where it has been demonstrated by the proponent through an approved Environmental Assessment or similar planning process that the location of discharge from a stormwater retention pond is the preferred alternative and the safety of the drinking water system has been assured in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS = 10) (future); or • WHPA-E (VS ≥ 8) (future); or • the remainder of an Issue Contributing Area for Nitrates, Pathogens, Sodium or Chloride (future). 				

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SWG-13	Sanitary Sewers and Related Pipes	MOECC	C	<p>Prescribed Instrument</p> <p>Where sanitary sewers and related pipes are in an area where the activity is, or would be, a significant drinking water threat, the Environmental Compliance Approval that governs the activity shall be reviewed or established to ensure appropriate terms and conditions so that the activity ceases to be, or does not become, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS = 10) (existing, future); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). <p>Not limiting any other conditions to be included in the Environmental Compliance Approval, the Issuing Director should include the following conditions, where possible:</p> <ul style="list-style-type: none"> • requiring higher construction standards; and • inspections by the owner for leaks. 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-3)</p> <p>Existing: 3 years (T-1)</p>	GEN-35 SWG-14	MON-4
SWG-14	Sanitary Sewers and Related Pipes	Planning Approval Authority	A	<p>Land Use Planning</p> <p>New development dependent on sanitary sewers and related pipes, in an area where the activity would be a significant drinking water threat, shall only be permitted where it has been demonstrated by the proponent through an approved Environmental Assessment or similar planning process, that the location for the sanitary sewer and related pipes is the preferred alternative and the safety of the drinking water system has been assured in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS = 10) (future); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-9)</p> <p>Amend OPs <u>and ZBLs</u> for conformity within 5 years <u>and ZBLs within 3 years of OP approval</u> (T-8)</p>	SWG-13	MON-1

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Polices	Monitoring Policy
SWG-15	Storage of Sewage	MOECC	C	<p>Prescribed Instrument</p> <p>1) The storage of sewage shall be prohibited where the activity would be a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-E (VS ≥ 9) (future); or • WHPA-E (VS ≥ 4.5) in an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-3)	SWG-16	MON-4
				<p>2) Where facilities for the storage of sewage are in an area where the activity is, or would be, a significant drinking water threat, the Environmental Compliance Approval that governs the activity shall be reviewed or established to ensure appropriate terms and conditions are included so that the activity ceases to be, or does not become, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS ≥ 8) (existing, future); or • WHPA-C (VS = 8) (existing, future); or • WHPA-E (VS ≥ 9) (existing); or • WHPA-E (VS ≥ 4.5) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 		Future: Immediately (T-3) Existing: 3 years (T-1)	GEN-35 SWG-16	MON-4
SWG-16	Storage of Sewage	Planning Approval Authority	A	<p>Land Use Planning</p> <p>1) The use of land for the establishment of facilities for the storage of sewage shall be prohibited where the activity would be a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-E (VS ≥ 9) (future); or • WHPA-E (VS ≥ 4.5) in an Issue Contributing Area for Nitrates or Pathogens (future). <p>2) The use of land for the establishment of facilities for the storage of sewage, in an area where the activity would be a significant drinking water threat, shall only be permitted where it has been demonstrated by the proponent through an approved Environmental Assessment or similar planning process that the location for the storage of sewage is the preferred alternative and the safety of the drinking water system has been assured in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS ≥ 8) (future); or • WHPA-C (VS = 8) (future); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-9) Amend OPs and ZBLs for conformity within 5 years and ZBLs within 3 years of OP approval (T-8)	SWG-15	MON-1

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Polices	Monitoring Policy
SWG-17	Combined Sewer Discharge from a Stormwater Outlet to Surface Water Sewage Treatment Bypass Discharge to Surface Water Industrial Effluent Discharges Sewage Treatment Plant Effluent Discharges (Includes Lagoons)	MOECC	C	Prescribed Instrument 1) Future sewage works shall be prohibited where the establishment, operation and maintenance of sewage works would be a significant drinking water threat, where the sewage works discharge is to surface water from: a) Combined sewer discharge from a stormwater outlet to surface water; <u>and</u> b) Industrial effluent discharges; c) Sewage treatment bypass discharge to surface water; and Sewage treatment plant effluent discharge (includes lagoons); in any of the following areas: <ul style="list-style-type: none"> • WHPA-E (VS ≥ 8) (future); or • <u>In any WHPA-E (VS ≥ 4.2)</u> in an Issue Contributing Area for Nitrates, <u>or</u> Pathogens, <u>Sodium or Chloride</u> (future); <u>and</u> where the discharge is to land, also in: <ul style="list-style-type: none"> • the remainder of an Issue Contributing Area for Nitrates, Pathogens, Sodium or Chloride (future). c) <u>Industrial effluent discharges, in any of the following areas:</u> <ul style="list-style-type: none"> • <u>WHPA-E (VS ≥ 8) (future); or</u> • <u>In any WHPA-E in an Issue Contributing Area for Nitrates, Pathogens or Chloride (future).</u> d) <u>Sewage treatment plant effluent discharges (includes lagoons), in any of the following areas:</u> <ul style="list-style-type: none"> • <u>WHPA-A (future); or</u> • <u>WHPA-B (VS = 10) (future); or</u> • <u>WHPA-E (VS ≥ 8) (future); or</u> • <u>In any WHPA-E in an Issue Contributing Area for Nitrates or Pathogens (future).</u> 	See Maps 1.1 - 1.21	Future: Immediately (T-3)	SWG-18	MON-4
				2) Where sewage works are in an area where the activity is a significant drinking water threat, the Environmental Compliance Approval that governs the activity shall be reviewed to ensure appropriate terms and conditions are included so that the activity ceases to be a significant drinking water threat, where the sewage works discharge is to surface water from: a) Combined sewer discharge from a stormwater outlet to surface water; <u>and</u> b) Industrial effluent discharges;		Existing: 3 years (T-1)	GEN-35	MON-4

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
				<p>e)b) Sewage treatment bypass discharge to surface water; and <u>Sewage treatment plant effluent discharges (includes lagoons);</u> in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-E (VS ≥ 8) (existing); or • In any WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates, or Pathogens, Sodium or Chloride (existing); and • where the discharge is to land, also in: • the remainder of an Issue Contributing Area for Nitrates, Pathogens, Sodium or Chloride (existing). <p><u>c) Industrial effluent discharges, in any of the following areas:</u></p> <ul style="list-style-type: none"> • WHPA-E (VS ≥ 8) (existing); or • <u>In any WHPA-E in an Issue Contributing Area for Nitrates, Pathogens or Chloride (existing).</u> <p><u>d) Sewage treatment plant effluent discharges (includes lagoons), in any of the following areas:</u></p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing); or • WHPA-E (VS ≥ 8) (existing); or • <u>In any WHPA-E in an Issue Contributing Area for Nitrates or Pathogens (existing).</u> 				

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SWG-18	<p>Combined Sewer Discharge from a Stormwater Outlet to Surface Water</p> <p>Sewage Treatment Bypass Discharge to Surface Water</p> <p>Industrial Effluent Discharges</p> <p>Sewage Treatment Plant Effluent Discharges (Includes Lagoons)</p>	Planning Approval Authority	A	<p>Land Use Planning</p> <p>The use of land for the Development dependent on the establishment of sewage works, or any use of land for any purpose that would be dependent on these sewage works, shall be prohibited where sewage works the activity would be a significant drinking water threat where the sewage works discharge is to surface water from:</p> <p>a) Combined sewer discharge from a stormwater outlet to surface water; and Industrial effluent discharges;</p> <p>b) Sewage treatment bypass discharge to surface water; and Sewage treatment plant effluent discharges (includes lagoons); in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-E (VS ≥ 8) (future); or • In any WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates, or Pathogens, Sodium or Chloride (future); and <p>where the discharge is to land, also in:</p> <ul style="list-style-type: none"> • the remainder of an Issue Contributing Area for Nitrates, Pathogens, Sodium or Chloride (future). <p>c) Industrial effluent discharges, in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-E (VS ≥ 8) (future); or • In any WHPA-E in an Issue Contributing Area for Nitrates, Pathogens or Chloride (future). <p>d) Sewage treatment plant effluent discharges (includes lagoons), in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS ≥ 8) (future); or • In any WHPA-E in an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-9)</p> <p>Amend OPs and ZBLs for conformity within 5 years and ZBLs within 3 years of OP approval (T-8)</p>	SWG-17	MON-1

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SWG-19	Combined Sewer Discharge from a Stormwater Outlet to Surface Water Sewage Treatment Bypass Discharge to Surface Water Sewage Treatment Plant Effluent Discharges (Includes Lagoons)	Town of Orangeville CVSPA	E	<p>Research</p> <p>The Town of Orangeville shall undertake research to determine the extent to which the sodium and chloride loading from the Town’s Water Pollution Control Plant (WPCP) outfall into WHPA-E for Well 10 influences the rising sodium and chloride levels measured at this well and report back to the Credit Valley Source Protection Authority (CVSPA) within 2 years from the date the Source Protection Plan takes effect.</p> <p>The CVSPA in partnership with the Town of Orangeville shall provide the report along with recommendations to the CTC Source Protection Committee to determine whether to make a formal request to the Director pursuant to section 119 of the Technical Rules: Assessment Report under the <i>Clean Water Act, 2006</i> dated November 2009 to add this WPCP outfall as a Local Threat. If the WPCP outfall is added as a Local Threat then policies SWG-17 and SWG-18 shall apply.</p>	See Map 1.3	See Policy	SWG-17 SWG-18	MON-1 MON-3

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
ASM-1	Application of Agricultural Source Material (ASM) to Land	OMAFRA	C	<p>Prescribed Instrument</p> <p>1) The application of ASM to land shall be prohibited where the activity is, or would be, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (future); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-3)</p> <p>Existing: Upon expiry or within 5 years (T-2)</p>	N/A	MON-4
				<p>2) Where the application of ASM to land is in an area where the activity is, or would be, a significant drinking water threat, the Nutrient Management Plan or Strategy that governs the activity shall be reviewed or established to ensure appropriate terms and conditions are included so that the activity ceases to be, or does not become, a significant drinking water threat. <u>In addition to any other risk management measures required through the Prescribed Instrument, the Prescribed Instrument shall as a minimum ensure: in any of the following areas:</u></p> <p><u>a) the application of ASM is not applied during restricted periods, or any other time when the soil is snow covered or frozen consistent with the limitations of subsection 52.2 – 52.4 of Ontario Regulation 267/03 under the Nutrient Management Act, 2002 to avoid runoff; and</u></p> <p><u>b) soil testing is required for plant available nitrogen each year prior to application of ASM to determine appropriate application rates, in any of the following areas:</u></p> <ul style="list-style-type: none"> • WHPA-B (VS = 10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • <u>WHPA-E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or</u> • <u>WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates (existing, future); or</u> • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 		<p>Future: Immediately (T-3)</p> <p>Existing: 3 years (T-1)</p>	GEN-35 ASM-5	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
ASM-2	Application of Agricultural Source Material (ASM) to Land	RMO	G	<p>Part IV, s.57, s.58</p> <p>For farms that do not require a Nutrient Management Plan or Strategy, where the application of ASM is, or would be, a significant drinking water threat, the following actions shall be taken:</p> <p>1) The application of ASM is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (future); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-5)</p> <p>Existing: 180 days (T-4)</p>	GEN-1	MON-2
			H	<p>2) The application of ASM is designated for the purpose of s.58 under the Clean Water Act, requiring risk management plans, where the threat is, or would be significant. <u>In addition to any other risk management measures required through the risk management plan, the risk management plan shall as a minimum ensure: in any of the following areas:</u></p> <p><u>a) the application of ASM is not applied during restricted periods, or any other time when the soil is snow covered or frozen consistent with the limitations of subsection 52.2 – 52.4 of Ontario Regulation 267/03 under the Nutrient Management Act, 2002 to avoid runoff; and</u></p> <p><u>b) soil testing is required for plant available nitrogen each year prior to application of ASM to determine appropriate application rates, in any of the following areas:</u></p> <ul style="list-style-type: none"> • WHPA-B (VS = 10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • <u>WHPA-E (VS ≥ 8)</u> which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • <u>WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates (existing, future); or</u> • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 		<p>Future: Immediately (T-7)</p> <p>Existing: 1 year/ 5 years (T-6)</p>	GEN-1 GEN-2 ASM-6	MON-2

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
ASM-3	Storage of Agricultural Source Material (ASM)	OMAFRA	C	<p>Prescribed Instrument</p> <p>1) The storage of ASM shall be prohibited where the activity would be a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (future); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-3)	N/A	MON-4
				<p>2) Where the storage of ASM is in an area where the activity is, or would be, a significant drinking water threat, the Nutrient Management Plan or Strategy that governs the activity shall be reviewed or established to ensure appropriate terms and conditions are included so that the activity ceases to be, or does not become, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 		Future: Immediately (T-3) Existing: 3 years (T-1)	GEN- 35 ASM-5	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
ASM-4	Storage of Agricultural Source Material (ASM)	RMO	G	<p>Part IV, s.57, s.58</p> <p>For farms that do not require a Nutrient Management Plan or Strategy, where the storage of ASM would be a significant drinking water threat, the following actions shall be taken:</p> <p>1) The storage of ASM is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat would be significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (future); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-5)	GEN-1	MON-2
			H	<p>2) The storage of ASM is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 		Future: Immediately (T-7) Existing: 1 year/ 5 years (T-6)	GEN-1 GEN-2 ASM-6	MON-2

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
ASM-5	Application of Agricultural Source Material (ASM) to Land Storage of Agricultural Source Material (ASM)	MOE	K	<p>Specify Action</p> <p>For farms that require a Nutrient Management Plan or Strategy, the Ministry of the Environment shall prioritize and conduct regular inspections of these farms where the application and storage of ASM is, or would be, a significant drinking water threat for:</p> <p>a) the application of ASM to land in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS=10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-B (VS=10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). <p>b) The storage of ASM in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS=10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-B (VS=10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 	See Maps 1.1–1.21	GEN-5	ASM-1 ASM-3	MON-4

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
ASM-6	Application of Agricultural Source Material (ASM) to Land Storage of Agricultural Source Material (ASM)	Municipality	E	<p>Specify Action</p> <p>For farms and other lands that do not require a Nutrient Management Plan or Strategy, the municipality shall prioritize and conduct regular inspections of these lands where the application and storage of ASM is, or would be, a significant drinking water threat in any of the following areas:</p> <p>a) the application of ASM to land in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA B (VS=10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA B (VS=10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or <p>or</p> <ul style="list-style-type: none"> • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). <p>b) The storage of ASM in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA A (existing); or • WHPA B (VS=10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA B (VS=10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or <p>or</p> <p>the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future).</p>	See Maps 1.1–1.21	After RMP is approved per policy ASM-2 and ASM-4	ASM-2 ASM-4	MON-1
ASM-5	Management of Agricultural Source Material (ASM) (Aquaculture)	MOECC	C	<p>Prescribed Instrument</p> <p>The management of ASM (aquaculture) shall be prohibited where the activity is, or would be, a significant drinking water threat in the following areas:</p> <ul style="list-style-type: none"> • <u>An Issue Contributing Area for Pathogens (existing, future).</u> 	See Map 1.9	<p>Future: Immediately (T-3)</p> <p>Existing: Upon expiry or within 5 years (T-2)</p>	N/A	MON-4

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
NASM-1	Application of Non-Agricultural Source Material (NASM) to Land (Category 1)	RMO OMAFRA MOE	G E	<p>Part IV, s.57, s.58 Prescribed Instrument</p> <p><u>Where the application of NASM (Category 1) to land is, or would be, a significant drinking water threat, the following actions shall be taken:</u></p> <p>1) The application of NASM (Category 1) to land <u>is designated for the purpose of s.57 under the Clean Water Act, and is therefore prohibited where the threat is, or would be, significant</u> shall be prohibited where the activity is, or would be, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Pathogens (future). 	See Maps 1.1 - 1.21	Future: Immediately (T- 53)	GEN-1 N/A	MON- 24
			H	<p>2) Where the application of NASM (Category 1) to land <u>is designated for the purpose of s.58 under the Clean Water Act, requiring risk management plans where the threat is significant is in an area where the activity is, or would be, a significant drinking water threat, the NASM Plan that governs the activity shall be reviewed or established to ensure appropriate terms and conditions are included so that the activity ceases to be, or does not become, a significant drinking water threat</u> in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS = 10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 		Future: Immediately (T- 73)		

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
NASM-2	Handling and Storage of Non-Agricultural Source Material (NASM) (Category 1)	RMO OMAFRA MOE	GC	<p><u>Part IV, s.57, s.58 Prescribed Instrument</u></p> <p><u>Where the handling and storage of NASM (Category 1) is, or would be, a significant drinking water threat, the following actions shall be taken:</u></p> <p>1) The handling and storage of NASM (Category 1) <u>is designated for the purpose of s.57 under the Clean Water Act, and is therefore prohibited where the threat would be significant shall be prohibited where the activity would be a significant drinking water threat</u> in the following area:</p> <ul style="list-style-type: none"> • WHPA-A (future). 	See Maps 1.1 - 1.21	Future: Immediately (T- 53)	<u>GEN-1</u> N/A	MON- 24
			H	<p>2) Where t<u>he handling and storage of NASM (Category 1) is designated for the purpose of s.58 under the Clean Water Act, requiring risk management plans where the threat is significant is in an area where the activity is, or would be, a significant drinking water threat, the NASM Plan that governs the activity shall be reviewed or established to ensure appropriate terms and conditions are included so that the activity ceases to be, or does not become, a significant drinking water threat</u> in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 89) (existing, future); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 		Future: Immediately (T- 73)	<u>GEN-1</u> GEN- 25 NASM-5	MON- 24

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
NASM-3	Application of Non-Agricultural Source Material (NASM) to Land (Category 2 and 3)	OMAFRA MOECC	C	<p>Prescribed Instrument</p> <p>1) The application of NASM (Category 2 and 3) to land shall be prohibited where the activity would be a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS ≥ 8) (future); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-3)	N/A	MON-4
				<p>2) The application of NASM to land (existing) may continue only until the expiry of the current approval, after which time it would be considered as a future activity.</p>		Existing: Upon expiry or within 5 years (T-2)	N/A NASM-5	MON-4
NASM-4	Handling and Storage of Non-Agricultural Source Material (NASM) (Category 2 and 3)	OMAFRA MOECC	C	<p>Prescribed Instrument</p> <p>The handling and storage of NASM (Category 2 and 3) shall be prohibited where the activity is, or would be, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 89) (existing, future); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-3)</p> <p>Existing: Upon expiry or within 5 years (T-2)</p>	N/A	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
NASM-5	Application of NASM to Land	OMAFRA	K	Education and Outreach The Ministry of the Environment <u>and Climate Change</u> and OMAFRA are requested to provide to landowners and haulers that have a <u>Prescribed Instrument or Risk Management Plan NASM Plan or Environmental Compliance Approval</u> to haul, store or apply NASM, (Category 1) , information on the importance of protecting source water and the location of the nearby municipal wells where the application, handling and storage of NASM is, or would be, a significant drinking water threat in any of the following areas: <ul style="list-style-type: none"> • WHPA-A <u>(existing, future)</u>; or • WHPA-B (VS = 10) <u>(existing, future)</u>; or • WHPA-E (VS ≥ 8) for application; VS ≥ 9 for handling and storage <u>(existing, future)</u>; or • the remainder of an Issue Contributing Area for Nitrates or Pathogens <u>(existing, future)</u>. 	See Maps 1.1 - 1.21	<u>Existing & Future: Consider within 2 years (T-15)</u>	GEN-86 NASM-1 NASM-2 <u>NASM-3</u>	MON-4
	Handling and Storage of NASM	MOECC						

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
LIV-1	The Use of Land as Livestock Grazing or Pasturing Land (O. Reg. 385/08, s.3)	RMO	G	<p>Part IV, s. 57, s.58</p> <p>Where the use of land as livestock grazing or pasturing land is, or would be, a significant drinking water threat, the following actions shall be taken:</p> <p>1) The use of land as livestock grazing or pasturing land (with an animal density >1 Nutrient Unit per acre) is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A in an Issue Contributing Area for Nitrates or Pathogens (existing, future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-5)</p> <p>Existing: 180 days (T-4)</p>	GEN-1	MON-2
			H	<p>2) The use of land as livestock grazing or pasturing land is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-A in an Issue Contributing Area for Nitrates or Pathogens with an animal density <1 Nutrient Unit per acre (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 8) (existing, future); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 		<p>Future: Immediately (T-7)</p> <p>Existing: 1 year/ 5 years (T-6)</p>	<p>GEN-1</p> <p>GEN-2</p> <p>LIV-5</p>	MON-2

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
LIV-2	The Use of Land as an Outdoor Confinement Area or a Farm-Animal Yard (O. Reg. 385/08, s.3)	OMAFRA	C	<p>Prescribed Instrument</p> <p>1) The use of land as an outdoor confinement area or farm-animal yard shall be prohibited where the activity would be a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (future); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-3)	N/A	MON-4
				<p>2) Where the use of land as an outdoor confinement area or farm-animal yard is in an area where the activity is, or would be, a significant drinking water threat, the Nutrient Management Plan or Strategy that governs the activity shall be reviewed or established to ensure appropriate terms and conditions are included so that the activity ceases to be, or does not become, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 		Future: Immediately (T-3) Existing: 3 years (T-1)	GEN- 35 LIV-4	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
LIV-3	The Use of Land as an Outdoor Confinement Area or a Farm-Animal Yard (O. Reg. 385/08, s.3)	RMO	G	<p>Part IV, s.57, s.58</p> <p>For lands that do not require a Nutrient Management Plan or Strategy, where the use of land as an outdoor confinement area or farm-animal yard is, or would be, a significant drinking water threat, the following actions shall be taken:</p> <p>1) The use of land for an outdoor confinement area or farm-animal yard is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where it would be significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (future); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-5)	GEN-1	MON-2
			H	<p>2) The use of land as an outdoor confinement area or farm-animal yard is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-B (VS = 10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 		Future: Immediately (T-7) Existing: 1 year/ 5 years (T-6)	GEN-1 GEN-2 LIV-5	MON-2

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
LIV-4	The Use of Land as an Outdoor Confinement Area or a Farm Animal Yard (O. Reg. 385/08, s.3)	MOE	K	<p>Specify Action</p> <p>For farms that require a Nutrient Management Plan or Strategy, the Ministry of the Environment shall prioritize and conduct regular inspections of these farms where the use of land as an outdoor confinement area or a farm animal yard is, or would be, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA A (existing); or • WHPA B (VS=10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA B (VS=10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 	See Maps 1.1–1.21	GEN-5	LIV-2	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
LIV-5	<p>The use of Land as Livestock Grazing or Pasturing Land (O. Reg. 385/08, s.3)</p> <p>The use of Land as an Outdoor Confinement Area or a Farm Animal Yard (O. Reg. 385/08, s.3)</p>	Municipality	E	<p>Specify Action</p> <p>For farms and other lands that do not require a Nutrient Management Plan or Strategy, the municipality shall prioritize and conduct regular inspections of these farms where the use of land for livestock grazing or pasturing and/or an outdoor confinement area or a farm-animal yard is, or would be, a significant drinking water threat for:</p> <p>a) the use of land as livestock grazing or pasturing land in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-A in an Issue Contributing Area for Nitrates or Pathogens with an animal density <1 Nutrient Unit per acre (existing, future); or • WHPA-B (VS=10) (existing, future); or • WHPA-E (VS ≥ 8) (existing, future); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). <p>b) the use of land as an outdoor confinement area or a farm-animal yard in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS=10) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-E (VS ≥ 8) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-B (VS=10) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • WHPA-E (VS ≥ 4.2) in an Issue Contributing Area for Nitrates or Pathogens (existing); or • the remainder of an Issue Contributing Area for Nitrates or Pathogens (existing, future). 	See Maps 1.1–1.21	After RMP is approved per policy LIV-1 and LIV-3	LIV-1 LIV-3	MON-1

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
FER-1	Application of Commercial Fertilizer to Land	OMAFRA	C	<p>Prescribed Instrument</p> <p>1) The application of commercial fertilizer <u>(containing nitrogen)</u> to land shall be prohibited where the activity is, or would be, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-E (VS ≥ 4.5) in an Issue Contributing Area for Nitrates (future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-3)</p> <p>Existing: Upon expiry or within 5 years (T-2)</p>	N/A	MON-4
				<p>2) Where the application of commercial fertilizer <u>(containing nitrogen or phosphorus)</u> to land is in an area where the activity is, or would be, a significant drinking water threat, the Nutrient Management Plan or Strategy that governs the activity shall be reviewed or established to ensure appropriate terms and conditions are included so that the activity ceases to be, or does not become, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 9) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-E (VS ≥ 4.5) in an Issue Contributing Area for Nitrates (existing); or • the remainder of an Issue Contributing Area for Nitrates (existing, future). 		<p>Future: Immediately (T-3)</p> <p>Existing: 3 years (T-1)</p>	<p>GEN-35 FER-4</p>	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
FER-2	Application of Commercial Fertilizer to Land	RMO	G	<p>Part IV, s.57, s.58</p> <p>For lands that do not require a Nutrient Management Plan or Strategy, where the application of commercial fertilizer to land is, or would be, a significant drinking water threat (excluding incidental quantities for personal use), the following actions shall be taken:</p> <p>1) The application of commercial fertilizer with (containing Nnitrogen) is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-E (VS ≥ 4.5) in an Issue Contributing Area for Nitrates (future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-5)</p> <p>Existing: 180 days (T-4)</p>	GEN-1	MON-2
			H	<p>2) The application of commercial fertilizer (containing nitrogen or phosphorus) to land is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing or future use of fertilizer without Nitrogen); or • WHPA-B (VS = 10) (existing, or future use of any fertilizer); or • WHPA-E (VS ≥ 9) which is not in an Issue Contributing Area for Nitrates (existing, or future use of any fertilizer); or • WHPA-E (VS ≥ 4.5) in an Issue Contributing Area for Nitrates (existing use of any fertilizer); or • the remainder of an Issue Contributing Area for Nitrates (existing, or future use of any fertilizer). 		<p>Future: Immediately (T-7)</p> <p>Existing: 1 year/ 5 years (T-6)</p>	GEN-1 GEN-2 FER-5	MON-2

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
FER-3	Handling and Storage of Commercial Fertilizer	RMO	G	<p>Part IV, s.57, s.58</p> <p>For farms and other lands, where the handling and storage of commercial fertilizer to land is, or would be, a significant drinking water threat (excluding incidental quantities for personal use), the following actions shall be taken:</p> <p>1) The handling and storage of commercial fertilizer is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat would be significant in the following area:</p> <ul style="list-style-type: none"> • WHPA-A (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-5)	GEN-1	MON-2
			H	<p>2) The handling and storage of commercial fertilizer to land is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS = 10) (existing, future); or • the remainder of an Issue Contributing Area for Nitrates (existing, future). <p>Without limiting other requirements, risk management plans shall include conditions to require storage of quantities over 2,500 kg to be within a covered structure.</p>		Future: Immediately (T-7) Existing: 1 year/ 5 years (T-6)	GEN-1 GEN-2 FER-5	MON-2
FER-4	Application of Commercial Fertilizer	MOE	K	<p>Specify Action</p> <p>For farms that require a Nutrient Management Plan or Strategy, the Ministry of the Environment shall prioritize and conduct regular inspections of these farms where the application of commercial fertilizer to land is, or would be, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS=10) (existing, future); or • WHPA-E (VS ≥ 9) which is not in an Issue Contributing Area for Nitrates or Pathogens (existing, future); or • WHPA-E (VS ≥ 4.5) in an Issue Contributing Area for Nitrates (existing); or the remainder of an Issue Contributing Area for Nitrates (existing, future). 	See Maps 1.1—1.21	GEN-5	FER-1	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
FER-5	Application of Commercial Fertilizer Handling and Storage of Commercial Fertilizer	Municipality	E	<p>Specify Action</p> <p>For farms and other lands (excluding incidental quantities for personal use) that do not require a Nutrient Management Plan or Strategy, the municipality shall prioritize and conduct regular inspections of these lands where the application, handling and storage of commercial fertilizer is, or would be, a significant drinking water threat, for:</p> <p>a) application of commercial fertilizer to land in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing or future use of fertilizer without Nitrogen); or • WHPA-B (VS=10) (existing or future use of any fertilizer); or • WHPA-E (VS ≥ 9) which is not in an Issue Contributing Area for Nitrates (existing or future use of any fertilizer); or • WHPA-E (VS ≥ 4.5) in an Issue Contributing Area for Nitrates (existing use of any fertilizer); • the remainder of an Issue Contributing Area for Nitrates (existing or future use of any fertilizer). <p>b) handling and storage of commercial fertilizer in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS=10) (existing, future); or • WHPA-E (VS=10) (existing, future); or • the remainder of an Issue Contributing Area for Nitrates (existing, future). 	See Maps 1.1-1.21	After RMP is approved per policy FER-2 and FER-3	FER-2 FER-3	MON-1
FER-4 6	Application of Commercial Fertilizer to Land Handling and Storage of Commercial Fertilizer	Municipality MOECC	E K	<p>Education and Outreach</p> <p>The municipality shall deliver education and outreach materials and programs where the application, handling and storage of commercial fertilizer is, or would be, a significant drinking water threat, targeted towards:</p> <p>a) an individual for personal use to promote timely fertilizer application and best management practices in urban settings; and</p> <p>b) <u>owners/tenants of non-agricultural ly zoned</u> lands to promote best management practices to safeguard water supplies from drinking water threats; in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (<u>existing, future</u>); or • WHPA-B (VS = 10) (<u>existing, future</u>); or • WHPA-E (VS ≥ 9 for application; VS = 10 for handling and storage) (<u>existing, future</u>); or • the remainder of an Issue Contributing Area for Nitrates (<u>existing, future</u>). <p>Where education and outreach materials prepared by the Ministry of the Environment <u>and Climate Change</u> are available, the municipality shall deliver those materials.</p>	See Maps 1.1 - 1.21	<u>Existing & Future: Implement within 2 years (T-10)</u>	GEN-86	MON-1 MON-4

AMENDED PROPOSED SOURCE PROTECTION PLAN: CTC Source Protection Region

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
PES-1	Application of Pesticide to Land	RMO	H	<p>Part IV, s.58</p> <p>The application of pesticide to land is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 8.1) (existing, future). <p>Without limiting other requirements, risk management plans shall incorporate appropriate agri-environmental best management practices and standards to ensure the activity ceases to be, or does not become, a significant drinking water threat.</p>	See Maps 1.1 - 1.21	<p>Future: Immediately (T-7)</p> <p>Existing: 1 year/ 5 years (T-6)</p>	GEN-1 <u>GEN-2</u>	MON-2
PES-2	Handling and Storage of Pesticide	RMO	G	<p>Part IV, s.57, s.58</p> <p>Where the handling and storage of pesticide is, or would be, a significant drinking water threat, the following actions shall be taken:</p> <p>1) The handling and storage of pesticide is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat would be significant in the following area:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS=10) (future); or • WHPA-E (VS ≥ 9) (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-5)	GEN-1	MON-2
			H	<p>2) The handling and storage of pesticide is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing, <u>future</u>); or • WHPA-E (VS ≥ 9) (existing, <u>future</u>). <p>Without limiting other requirements, risk management plans shall incorporate appropriate agri-environmental best management practices and standards to ensure the activity ceases to be a significant drinking water threat.</p>		<p><u>Future: Immediately (T-7)</u></p> <p>Existing: 1 year/ 5 years (T-6)</p>	<p><u>GEN-1</u></p> <p><u>GEN-2</u></p> <p>N/A</p>	MON-2

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
PES-3	Application of Pesticide to Land Handling and Storage of Pesticide	MOECC	K	<p>Education and Outreach</p> <p>Where the application, handling and storage of pesticide is, or would be, a significant drinking water threat, the Ministry of the Environment <u>and Climate Change</u> should develop education, training and outreach programs promoting integrated pest management and alternative pest control best management practices, particularly for farms, golf courses and sports fields where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (<u>existing, future</u>); or • WHPA-B (VS = 10) (<u>existing, future</u>); or • WHPA-E (VS ≥ 8.1 for application; VS ≥ 9 for handling and storage) (<u>existing, future</u>). 	See Maps 1.1 - 1.21	<u>Existing & Future: Consider within</u> 2 years (T-15)	GEN- <u>86</u>	MON-4
PES-4	Application of Pesticide to Land Handling and Storage of Pesticide	Municipality	E	<p>Incentive</p> <p>Where the application, handling and storage of pesticide is, or would be, a significant drinking water threat, the municipality shall consider providing incentive programs to encourage best management practices for agricultural/rural landowners to reduce the risks to groundwater where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing); or • WHPA-E (VS ≥ 8.1 for application; VS ≥ 9 for handling and storage) (existing). 	See Maps 1.1 - 1.21	Existing: <u>Consider within</u> 2 years (T-11)	N/A	MON-1

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SAL-1	Application of Road Salt (Unassumed Roads and Private Parking Lots)	RMO	H	<p>Part IV, s.58</p> <p>For unassumed roads and private parking lots <u>with greater than 200 square metres(excluding parking for low density residential)</u>, the application of road salt is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 9) (existing, future); or • the remainder of an Issue Contributing Area for Sodium or Chloride (existing, future). <p>Without limiting other requirements, risk management plans shall include a goal to minimize salt usage through alternative measures, while maintaining roadway safety for users.</p>	See Maps 1.1 - 1.21	<p>Future: Immediately (T-7)</p> <p>Existing: 1 year/ 5 years (T-6)</p>	GEN-1 <u>GEN-2</u> <u>SAL-3</u>	MON-2
SAL-2	Application of Road Salt (Public Roads)	RMO	H	<p>Part IV, s.58</p> <p>For public roads, the application of road salt is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is, or would, be significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 9) (existing, future); or • the remainder of an Issue Contributing Area for Sodium or Chloride (existing, future). <p>Without limiting other requirements, risk management plans shall include provisions for:</p> <ol style="list-style-type: none"> a) the reduction of salt usage through best management practices such as alternative de-icer materials (with lower sodium and chloride) and/or contemporary technology; and b) the use of trained individuals in the application of road salt (could include technicians and technologists and others responsible for salt management plans, winter maintenance supervisors, patrollers, equipment operators, mechanics, and contract employees). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-7)</p> <p>Existing: 1 year/ 5 years (T-6)</p>	GEN-1 <u>GEN-2</u> <u>SAL-3</u>	MON-2

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SAL-3	Application of Road Salt	Planning Approval Authority	A	<p>Land Use Planning</p> <p>Where the application of road salt to roads and parking lots would be a significant drinking water threat, the planning approval authority shall:</p> <ol style="list-style-type: none"> Prohibit the establishment of new parking lots with greater than 2000 square metres (approximately 80 spaces) of paved surface in: <ul style="list-style-type: none"> WHPA-A not in an Issue Contributing Area for Sodium or Chloride (future); Prohibit the establishment of new parking lots with greater than 200 square metres (approximately 8 spaces) of paved surface in: <ul style="list-style-type: none"> WHPA-A in an Issue Contributing Area for Sodium or Chloride (future); and Rrequire a salt management plan, which includes a reduction in the future use of salt, as part of a complete application for development which includes new roads and parking lots where the application of road salt is significant in any of the following areas: <ul style="list-style-type: none"> WHPA-B (VS = 10) (future); or WHPA-E (VS ≥ 9) (future); or the remainder of an Issue Contributing Area for Sodium or Chloride (future). <p>Such plans should include but not be limited to mitigation measures regarding design of parking lots, roadways and sidewalks to minimize the need for repeat application of road salt such as reducing ponding in parking areas; and directing stormwater discharge outside of vulnerable areas where possible.</p>	See Maps 1.1 - 1.21	<p>Future: Immediately (T-9)</p> <p>Amend OPs and ZBLs for conformity within 5 years and ZBLs within 3 years of OP approval (T-8)</p>	<p>SAL-1 SAL-2 N/A</p>	MON-1

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SAL-4	Application of Road Salt	MOECC	K	<p>Specify Action</p> <p>Where the application of road salt is, or would be, a significant drinking water threat, the Ministry of the Environment and Climate Change in consultation with other provincial ministries and municipal associations should promote best management practices for the application of road salt, to protect sources of municipal drinking water in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 9) (existing, future); or • the remainder of an Issue Contributing Area for Sodium or Chloride (existing, future). 	See Maps 1.1 - 1.21	Existing & Future: Consider within 2 years (T-15)	N/A	MON-4
SAL-5	Application of Road Salt	MOECC	K	<p>Specify Action</p> <p>Where the application of road salt is, or would be, a significant drinking water threat, the Ministry of the Environment and Climate Change in consultation with other provincial ministries and municipal associations should develop a licensing and accreditation program for Snow and Ice Contractors for the application of road salt, to protect sources of municipal drinking water in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 9) (existing, future); or • the remainder of an Issue Contributing Area for Sodium or Chloride (existing, future). 	See Maps 1.1 - 1.21	Existing & Future: Consider within 2 years (T-15)	N/A	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SAL-6	Application of Road Salt (Provincial Highways)	Ministry of Transportation	K	<p>Specify Action</p> <p>For provincial highways where the application of road salt is, or would be, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 9) (existing, future); or • the remainder of an Issue Contributing Area for Sodium or Chloride (existing, future); <p>the Ministry of Transportation should:</p> <p>a) continue the proactive implementation of their salt management plans with their supporting de-icing contactors and the use of best management practices within wellhead protection areas;</p> <p>b) update their salt management plan, as required, to ensure consistency with the most current versions of Environment Canada’s Code of Practice for the Environmental Management of Road Salts and Transportation Association of Canada’s Synthesis of Best Practices;</p> <p>c) investigate and implement where practical, alternative products and mitigation practices and technologies for road salt application and the management of highway runoff and infiltration;</p> <p>d) in consultation with the Source Protection Authority, consider the information contained in the CTC Source Protection Assessment Reports for the siting and prioritization of future pilot projects assessments related to road salt application and the management of highway runoff and infiltration. In particular, <u>a pilot project an assessment of application rates and options for reducing the application of salt</u> should be undertaken at those wells in Orangeville immediately adjacent to Highways 9 and 10; and</p> <p>e) forward upon request to the Source Protection Authority the results of monitoring data on specific pilot projects.</p>	See Maps 1.1 - 1.21	Existing & Future: Consider within 2 years (T-15)	N/A	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SAL-7	Handling and Storage of Road Salt	RMO	G	<p>Part IV, s.57, s.58</p> <p>Where the handling and storage of road salt is, or would be, a significant drinking water threat <u>(excluding incidental quantities for personal use)</u>, the following actions shall be taken:</p> <p>1) The handling and storage of road salt is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat would be significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS ≥ 9) (future); or • the remainder of an Issue Contributing Area for Sodium or Chloride (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-5)	GEN-1	MON-2
			H	<p>2) The handling and storage of road salt is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing); or • WHPA-E (VS ≥ 9) (existing); or • the remainder of an Issue Contributing Area for Sodium or Chloride (existing). 		Existing: 1 year/ 5 years (T-6)	N/A <u>GEN-1</u> <u>GEN-2</u>	MON-2

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SAL-8	Application of Road Salt	Municipality	E	<p>Education and Outreach</p> <p>The municipality shall deliver education and outreach materials and programs where the application, handling and storage of road salt is, or would be, a significant drinking water threat, targeted towards:<u>in any of the following areas:</u></p> <p><u>a) owners/tenants of residences and small businesses where the application, handling and storage of road salt (existing, future) is, or would be, a significant drinking water threat about the impact of salt on municipal drinking water and what they can do to reduce their use of salt to ensure that the activity ceases to be or does not become a significant drinking water threat; and</u></p> <p><u>b) commercial and industrial sectors to address the importance of source protection planning and the impacts of road salt on drinking water sources, with the key message being responsible salt storage and application, and the use of contemporary technology; in any of the following areas:</u></p> <ul style="list-style-type: none"> • WHPA-A <u>(existing, future)</u>; or • WHPA-B (VS = 10) <u>(existing, future)</u>; or • WHPA-E (VS ≥ 9) <u>(existing, future)</u>; or • the remainder of an Issue Contributing Area for Sodium or Chloride <u>(existing, future)</u>. 	See Maps 1.1 - 1.21	Existing & Future: Implement within 2 years (T-10)	GEN-86	MON-1 MON-4
	Handling and Storage of Road Salt	MOECC	K	<p>Where appropriate education and outreach materials prepared by the Ministry of the Environment <u>and Climate Change</u> are available, the municipality shall deliver those materials, targeted towards:</p> <p>a) owners/tenants of residences and small businesses where the application, handling and storage of road salt (existing, future) is, or would be, a significant drinking water threat about the impact of salt on municipal drinking water and what they can do to reduce their use of salt to ensure that the activity ceases to be or does not become a significant drinking water threat; and</p> <p>b) commercial and industrial sectors to address the importance of source protection planning and the impacts of road salt on drinking water sources, with the key message being responsible salt storage and application, and the use of contemporary technology.</p>				

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SAL-9	Application of Road Salt Handling and Storage of Road Salt	SPA Municipality	F	<p>Monitoring</p> <p>Where the application, handling and storage of road salt (existing, future) is, or would be, a significant drinking water threat in an Issue Contributing Area for Sodium or Chloride:</p> <p>a) the responsible Source Protection Authority, in partnership with affected municipalities, shall conduct an investigation on the source and nature of sodium and chloride threats, contingent on funding;</p> <p>b) the municipality shall undertake monthly sampling of sodium and chloride levels in raw water at affected wells and report the results to the Source Protection Authority; and</p> <p>c) the Source Protection Authority <u>in partnership with affected municipalities</u> shall assess the information for any increasing trends and advise the Source Protection Committee on the need for new source protection plan policies to be developed to prevent future drinking water Issues.</p>	See Maps 1.2 1.3 1-11 1.14	<u>Existing & Future:</u> <u>Initiate within</u> 2 years (T-16)	N/A	MON-3 MON-1

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SAL-10	Moderate/ Low Threats Application of Road Salt	Planning Approval Authority	B	<p>Land Use Planning</p> <p>Where the application of road salt would be a moderate or low drinking water threat, the planning approval authority is encouraged to require a salt management plan, which includes a reduction in the future use of salt, as part of a complete application for development which includes new roads and parking lots in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS < 10) (future); or • WHPA-C (future); or • WHPA-D (future); or • WHPA-E (VS ≥ 4.5 and <9) (future); or • HVA (future); or • SGRA (VS ≥ 6) (future). <p>Such plans should include, but not be limited to, mitigation measures regarding design of parking lots, roadways and sidewalks to minimize the need for repeat application of road salt such as reducing ponding in parking areas, directing stormwater discharge outside of vulnerable areas where possible, and provisions to hire certified contractors.</p>	See Chapter 5 of the respective Assessment Reports	Future: Immediately (T-9) Amend OPs and ZBLs for conformity within 5 years <u>and ZBLs within 3 years of OP approval</u> (T-8)	N/A	N/A
SAL-11	Moderate/ Low Threats Application of Road Salt	MOECC	J	<p>Specify Action</p> <p>Where the application of road salt is or would be a moderate or low drinking water threat, the Ministry of the Environment <u>and Climate Change</u> in consultation with other provincial ministries and municipal associations should promote best management practices for the application of road salt, to protect sources of municipal drinking water in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS < 10) (existing, future); or • WHPA-C (existing, future); or • WHPA-D (existing, future); or • WHPA-E (VS ≥ 4.5 and <9) (existing, future); or • HVA (existing, future); or • SGRA (VS ≥ 6) (existing, future). 	See Chapter 5 of the respective Assessment Reports	<u>Existing & Future: Consider within 2 years</u> (T-15)	N/A	N/A

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SAL-12	Moderate/ Low Threats Application of Road Salt	Municipality	J	<p>Specify Action</p> <p>Where the application of road salt on unassumed roads and private parking lots <u>with greater than 200 square metres(excluding low density residential)</u> is or would be a moderate or low drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS < 10) (existing, future); or • WHPA-C (existing, future); or • WHPA-D (existing, future); or • WHPA-E (VS ≥ 4.5 and <9) (existing, future); or • HVA (existing, future); or • SGRA (VS ≥ 6) (existing, future). <p>The municipality is encouraged to:</p> <p>a) require implementation of a salt management plan which includes the goal to minimize salt usage through alternative measures, while maintaining public safety; and</p> <p>b) require the use of trained individuals in the application of road salt (could include technicians and technologists and others responsible for salt management plans, winter maintenance supervisors, patrollers, equipment operators, mechanics, and contract employees).</p>	See Chapter 5 of the respective Assessment Reports	<u>Existing & Future: Consider within 2 years (T-15)</u>	N/A	N/A
SAL-13	Moderate/ Low Threats Application of Road Salt Handling and Storage of Road Salt	SPA Municipality	J	<p>Specify Action</p> <p>Where the application, handling and storage of road salt is, or would be, a moderate or low drinking water threat, the municipality is requested to report the results of its sodium and chloride monitoring conducted under the <i>Safe Drinking Water Act</i> and any other monitoring programs annually to the Source Protection Authority. The Source Protection Authority shall assess the information for any increasing trends and advise the Source Protection Committee on the need for new source protection plan policies to be developed to prevent future drinking water Issues, in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS < 10) (existing, future); or • WHPA-C (existing, future); or • WHPA-D (existing, future); or • WHPA-E (VS ≥ 4.5 and <9) (existing, future); or • HVA (existing, future); or • SGRA (VS ≥ 6) (existing, future). 	See Chapter 5 of the respective Assessment Reports	<u>Existing & Future: Consider within 2 years (T-15)</u>	N/A	N/A

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
SNO-1	Storage of Snow	RMO	G	<p>Part IV, s.57, s.58</p> <p>Where the storage of snow is, or would be, a significant drinking water threat, the following actions shall be taken:</p> <p>1) The storage of snow is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS ≥ 9) (future); or • the remainder of an Issue Contributing Area for Sodium or Chloride (future). <p>Notwithstanding the above, emergency snow storage may be permitted outside of WHPA-A as determined by the risk management official and the municipality responsible for snow storage.</p>	See Maps 1.1 - 1.21	Future: Immediately (T-5) Existing: 180 days (T-4)	GEN-1	MON-2
			H	<p>2) The storage of snow is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS = 10) (existing); or • WHPA-E (VS ≥ 9) (existing); or • The remainder of an Issue Contributing Area for Sodium or Chloride (existing). <p>Without limiting other requirements, risk management plans shall include appropriate terms and conditions to ensure the storage of snow, and associated runoff, ceases to be a significant drinking water threat.</p>		Existing: 1 year/ 5 years (T-6)		

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
FUEL-1	Handling and Storage of Fuel (Municipal Wellheads)	MOECC	C	<p>Prescribed Instrument</p> <p>Where the handling and storage of fuel at a municipal wellhead is in an area where the activity is, or would be, a significant drinking water threat, drinking water licences under the <i>Safe Drinking Water Act</i> shall be reviewed to ensure that appropriate terms and conditions are included so that the activity ceases to be, or does not become, a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS = 10) (existing, future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-3)</p> <p>Existing: 3 years (T-1)</p>	GEN-35	MON-4
FUEL-2	Handling and Storage of Fuel (Aggregate Extraction Sites) 	MNRE	C	<p>Prescribed Instrument</p> <p>1) The handling and storage of fuel at an aggregate extraction site shall be prohibited where the activity would be a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS = 10) (future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-3)</p>	N/A	MON-4
				<p>2) Where the handling and storage of fuel at an aggregate extraction site is in an area where the activity is a significant drinking water threat, the license, site plan or permit that governs the activity shall be reviewed to ensure appropriate terms and conditions are included so that the activity ceases to be a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing); or • WHPA-E (VS = 10) (existing). 		<p>Existing: 3 years (T-1)</p>	GEN-35	MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
FUEL-3	Handling and Storage of Fuel (Liquid Fuel and Fuel Oil in Non-Residential (includes ICI, Farm), and Multi-unit Residential and Small Business in quantities ≥ 2500 litres above or below grade)	RMO	G	<p>Part IV, s.57, s.58</p> <p>Where the handling and storage of liquid fuel and fuel oil at non-residential properties, or multi-unit residential properties <u>or small businesses (in quantities ≥ 2500 litres above or below grade)</u> is in an area where the activity is, or would be, a significant drinking water threat, the following actions shall be taken:</p> <p>1) The handling and storage of fuel is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat would be significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS = 10) (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-5)	GEN-1	MON-2
			H	<p>2) The handling and storage of fuel is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing); or • WHPA-E (VS = 10) (existing). <p>Without limiting other requirements, risk management plans shall incorporate appropriate provisions of Ontario Regulations 213/01 and 217/01 and their codes, best management practices and standards as amended from time to time to ensure the activity ceases to be a significant drinking water threat.</p>		Existing: 1 year/ 5 years (T-6)	N/A GEN-1 GEN-2	MON-2
		SPA	E	<p>3) The Source Protection Authority shall:</p> <p>a) request inspection reports information from the Technical Standards and Safety Authority Association (TSSA) on <u>Private Fuel Outlets (PFOs) in areas where the handling and storage of fuel is a significant threat as requested by the SPA the location and number of existing storage tanks that are significant drinking water threats which have been brought into compliance with the new standards under Regs. 213/01 and 217/01, and the location and number of tanks remaining to be upgraded to current standards;</u> and</p> <p>b) provide this information to the Risk Management Official to aid in priorizing-prioritizing the development of the risk management plans for those that pose the greatest risk first; <u>and</u></p>		Existing: 180 days (T-14)	N/A	MON-3

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
				c) provide to TSSA any data about leaks and other concerns observed, as they relate to TSSA's mandate to enforce O. Reg. 213/217 (as amended) and their corresponding codes, at PFOs from RMOs or through SPA staff work that would support TSSA's enforcement of regulatory requirements for PFOs.				
FUEL-4	Handling and Storage of Fuel (Liquid Fuel and Fuel Oil in Non-Residential (includes ICI, Farm), Multi-unit Residential, Residential, and Small Business)	Municipality	E	<p>Education and Outreach</p> <p>The municipality shall prepare and deliver education and outreach materials and programs to residences and small businesses where the handling and storage of liquid fuel and fuel oil is, or would be, a significant drinking water threat to advise the owner/tenant about the actions to take to ensure that the activity ceases to be, or does not become, a significant drinking water threat. Where appropriate education and outreach materials prepared by the Ministry of the Environment and Climate Change, TSSA or other parties are available, the municipality shall deliver those materials in any of the following areas:-</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS = 10) (existing, future). 	See Maps 1.1 - 1.21	Existing & Future: Implement within 2 years (T-10)	GEN-8 6	MON-1
		MOECC TSSA MGCS	K	<p>The Ministry of the Environment and Climate Change shall collaborate with TSSA and MGCS to:</p> <p>a) provide education and outreach materials for delivery by local municipalities to residences and small businesses about how to prevent spills or leaks from contaminating water and what to do if a spill happens or is suspected;</p> <p>b) include source water safety information into current public education vehicles, such as TSSA's website and seasonal brochures;</p> <p>c) work with fuel industry associations to facilitate distribution of educational materials to fuel suppliers; and</p> <p>d) provide colleges with source water awareness information that can be integrated into fuel technician training programs.</p>				MON-4

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
DNAPL-1	Handling and Storage of a Dense Non-Aqueous Phase Liquid	RMO	G	<p>Part IV, s.57, s.58</p> <p>Where the handling and storage of a DNAPL is, or would be, a significant drinking water threat, the following actions shall be taken:</p> <p>1) The handling and storage of a DNAPL in any quantity (excluding incidental quantities for personal use) is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat would be significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (VS ≥ 2) (future); or • WHPA-B (VS ≥ 2) (future); or • WHPA-C (VS ≥ 2) (future); or • WHPA-E (VS = 10) (future). 	See Maps 2.1 - 2.21	Future: Immediately (T-5)	GEN-1	MON-2
			H	<p>2) The handling and storage of a DNAPL in any quantity (excluding incidental quantities for personal use) is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (VS ≥ 2) (existing); or • WHPA-B (VS ≥ 2) (existing); or • WHPA-C (VS ≥ 2) (existing); or • WHPA-E (VS = 10) (existing). 		Existing: 1 year/ 5 years (T-6)	N/A GEN-1 GEN-2	MON-2

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
DNAP-2	Handling and Storage of a Dense Non-Aqueous Phase Liquid	Municipality MOECC	E K	<p>Education and Outreach</p> <p>The municipality shall deliver education and outreach materials and programs where the handling and storage of a DNAPL is, or would be, a significant drinking water threat targeted towards: in any of the following areas in any quantity:</p> <p>a) an individual for personal use to promote the use of non-toxic products and additional opportunities for participation in household hazardous waste disposal and to advise the owner/tenant about the actions to take to ensure that the activity ceases to be, or does not become, a significant drinking water threat; and</p> <p>b) industrial and commercial users to promote the use of alternatives to DNAPLs (including non-toxic products), pollution prevention approaches, best management practices, and safe disposal; in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (VS ≥ 2) (existing, future); or • WHPA-B (VS ≥ 2) (existing, future); or • WHPA-C (VS ≥ 2) (existing, future); or • WHPA-E (VS = 10) (existing, future). <p>Where education and outreach materials prepared by the Ministry of the Environment <u>and Climate Change</u> are available, the municipality shall deliver those materials, targeted towards:</p>	See Maps 2.1 - 2.21	<u>Existing & Future: Implement within 2 years (T-10)</u>	GEN-86	MON-1 MON-4
DNAP-3	Moderate/Low Threats Handling and Storage of a Dense Non-Aqueous Phase Liquid	Municipality	J	<p>Specify Action</p> <p>Where the handling and storage of a DNAPL is, or would be, a moderate or low drinking water threat, the municipality is encouraged to specify and promote best management practices for the handling and storage of DNAPL for ICI land uses in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-D (existing, future); or • WHPA-E (VS ≥ 4.8 and <10) (existing, future); or • HVA (existing, future); or • SGRA (VS = 6) (existing, future). 	See Chapter 5 of the respective Assessment Reports	<u>Existing & Future: Consider within 2 years (T-15)</u>	N/A	N/A

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
OS-1	Handling and Storage of an Organic Solvent	RMO	G	<p>Part IV, s.57, s.58</p> <p>Where the handling and storage of an organic solvent is, or would be, a significant drinking water threat, the following actions shall be taken:</p> <p>1) The handling and storage of an organic solvent is designated for the purpose of s.57 under the <i>Clean Water Act</i>, and is therefore prohibited where the threat would be significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS = 10) (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-5)	GEN-1	MON-2
			H	<p>2) The handling and storage of an organic solvent is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing); or • WHPA-B (VS = 10) (existing); or • WHPA-E (VS = 10) (existing). 		Existing: 1 year/ 5 years (T-6)	N/A GEN-1 GEN-2	MON-2

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
OS-2	Handling and Storage of an Organic Solvent	Municipality MOECC	E K	<p>Education and Outreach</p> <p>The municipality shall deliver education and outreach materials and programs where the handling and storage of an organic solvent is, or would be, a significant drinking water threat, targeted towards: in any of the following areas:</p> <p>a) an individual for personal use to promote the use of non-toxic products and additional opportunities for participation in household hazardous waste disposal and to advise the owner/tenant about the actions to take to ensure that the activity ceases to be, or does not become, a significant drinking water threat; and</p> <p>b) industrial and commercial users to promote the use of alternatives to these chemicals (including non-toxic products), pollution prevention approaches, best management practices, and safe disposal; in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS = 10) (existing, future). <p>Where education and outreach materials prepared by the Ministry of the Environment and Climate Change are available, the municipality shall deliver those materials, targeted towards:</p>	See Maps 1.1 - 1.21	Existing and Future: Implement within 2 years (T-10)	GEN-86	MON-1 MON-4
OS-3	Moderate/Low Threats Handling and Storage of an Organic Solvent	Municipality	J	<p>Specify Action</p> <p>Where the handling and storage of an organic solvent is, or would be, a moderate or low drinking water threat, the municipality is encouraged to specify and promote best management practices for the handling and storage of organic solvent for ICI land uses in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-B (VS < 10) (existing, future); or • WHPA-C (existing, future); or • WHPA-D (existing, future); or • WHPA-E (VS ≥ 4.8 and <10) (existing, future); or • HVA (existing, future); or • SGRA (VS ≥ 6) (existing, future). 	See Chapter 5 of the respective Assessment Reports	Existing and Future: Consider within 2 years (T-15)	N/A	N/A

Policy ID	Threat Description	Implementing Body	Legal Effect	Policy	Where Policy Applies	When Policy Applies	Related Policies	Monitoring Policy
DI-1	Management of runoff that contains chemicals used in the de-icing of aircraft	RMO	H	<p>Part IV, s.58</p> <p>The management of runoff that contains chemicals used in the de-icing of aircraft is designated for the purpose of s.58 under the <i>Clean Water Act</i>, requiring risk management plans, where the threat is, or would be, significant in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (existing, future); or • WHPA-B (VS = 10) (existing, future); or • WHPA-E (VS ≥ 9) (existing, future). 	See Maps 1.1 - 1.21	<p>Future: Immediately (T-7)</p> <p>Existing: 1 year/ 5 years (T-6)</p>	GEN-1 GEN-2	MON-2
DI-2	Management of runoff that contains chemicals used in the de-icing of aircraft	Municipality	E	<p>Specify Action</p> <p>When developing new airports, the municipality shall encourage the federal and other government agencies to locate facilities for the de-icing of aircraft and the management of de-icing fluid runoff, outside of areas where the activity would be a significant drinking water threat in any of the following areas:</p> <ul style="list-style-type: none"> • WHPA-A (future); or • WHPA-B (VS = 10) (future); or • WHPA-E (VS ≥ 9) (future). 	See Maps 1.1 - 1.21	Future: Immediately (T-18 7)	N/A	MON-1

9.1410.14 MONITORING OF POLICY IMPLEMENTATION

Policy ID	Implementing Body	Legal Effect	Monitoring Policy
MON-1	Municipality	F	The municipality or planning approval authority shall, by February 1 of each year, prepare and submit a report <u>equivalent to Section 65 of O. Reg. 287/07 under the Clean Water Act, 2006</u> to the Source Protection Authority on the actions taken in the previous calendar year to achieve the outcomes of the source protection policy. Where applicable, municipal planning authorities shall provide a copy of the notice of adoption of amendments to official plans and/or zoning by laws. <u>Reporting shall include information related to the effectiveness of the policies in ensuring a threat ceases to be, or does not become significant, and any actions required to respond to a drinking water threat during the reporting period.</u>
MON-2	RMO	F	The risk management official shall, by February 1 of each year, undertake the reporting requirements specified in Section 65 of O. Reg. 287/07 under the <i>Clean Water Act, 2006</i> on the actions taken in the previous calendar year to achieve the outcomes of the source protection policy. <u>Reporting shall include information related to the effectiveness of the policies in ensuring a threat ceases to be, or does not become significant, and any actions required to respond to a drinking water threat during the reporting period.</u>
MON-3	SPA	F	The source protection authority shall include in the annual report pursuant to s.46 under the <i>Clean Water Act, 2006</i> , documentation on the risk reduction efforts they administered throughout the year. <u>Reporting shall include information related to the effectiveness of the policies in ensuring a threat ceases to be, or does not become significant, and any actions required to respond to a drinking water threat during the reporting period.</u>
MON-4	Provincial Ministry	F	The provincial ministry shall, by February 1 of each year, prepare and submit a report to the Source Protection Authority on the actions taken in the previous calendar year to achieve the outcomes of the source protection policy. <u>Reporting shall include information related to the effectiveness of the policies in ensuring a threat ceases to be, or does not become significant, and any actions required to respond to a drinking water threat during the reporting period.</u>