Source Protection Plan Policy Applicability Screening Form
Clean Water Act, 2006 Part IV – Section 59

General Information and Instructions

The information on this form will help the Regional Municipality of Peel determine if a development proposal within a vulnerable area surrounding a municipal drinking water source includes restricted land-use activities that are subject to prohibition or risk management plan policies contained within the local source protection plan. This includes new construction, expansion/alteration to an existing development or the change of use of a property or business.

This form should be filled out and submitted along with a site plan, site sketch or design drawings (if available or applicable) for review **prior to** the submission of an application under the *Planning Act* and the *Condominium Act* or an application for a building permit under the *Building Code Act*.

A written Notice to proceed is required from the Risk Management Official before an application or approval under the *Planning Act* and the *Condominium Act* can proceed or a building permit issued where Section 59 policies apply.

The Risk Management Official / Inspector will follow up with the applicant within ten business days of receipt to advise if further information is required to complete the evaluation and render a decision, or if the application can proceed. Any development proposals determined to require a risk management plan will require further consultation with the Risk Management Official / Inspector before a Notice is issued.

Note: Incomplete or inaccurate information may delay the processing of your form. This form or issuance of a Notice under Section 59 does not relieve the applicant/owner of the obligation to secure any other necessary approvals from the Regional Municipality of Peel, local municipality, federal government, provincial government or their agencies or the conservation authority.

Questions?

If you have any questions or would like help with how to complete this form, please contact the Source Protection Risk Management Office:
Email: sourcewater@peelregion.ca
Phone: 905-791-7800, extension 4685

Section 1: Applicant / Subject Property Information

Applicant Information				
Applicant is:	☐	Registered Owner of the property where the development proposal is located		
	☐	Authorized Agent of Registered Owner		
Applicant Name				
Last Name	First Name	Corporation or Partnership		
Address			Unit number	
Municipality		Postal Code	Province	
Phone		Email		
Owner Information (If different from Applicant)				
Last Name	First Name	Corporation or Partnership		
Address			Unit number	
Municipality		Postal Code	Postal Code	
Phone		Email		

Subject Property Location / Site Information			
Civic Address			
Roll Number			
Legal Description	Lot	Concession	Plan Lot
	Plan	Municipality	

Proposed Land Use (Indicate the type of land use(s) that will occur on the subject property - check all applicable boxes)					
☐	Low Density Residential (single detached and semi-detached)	☐	Commercial – Mixed Use (including home businesses)	☐	Institutional
☐	Medium/High Density Residential (townhouses and apartments)	☐	Commercial – Retail	☐	Industrial
☐	Vacant / Undeveloped	☐	Commercial – Food Service	☐	Agricultural
☐	Roads/Walkways/Parking Areas	☐	Commercial – Warehousing	☐	Parks/Parkettes
☐	Other, please specify:	☐	Commercial / Institutional – Office	☐	Conservation Lands

Section 2: Proposed Development

Type of Application (Indicate the type of application you will be submitting - check all applicable boxes)			
☐	Building Permit	☐	Minor Variance
☐	Site Plan Control	☐	Consent / Severance
☐	Plan of Subdivision	☐	Plan of Condominium
☐	Official Plan Amendment	☐	Zoning By-law Amendment
☐	Other, please specify:		

Application Reference Number: (If application has been filed for proposed development	

Brief Description of the Proposed Development If additional space is required, please include a separate attachment. If constructing a geothermal system, please provide construction details including depth, vertical or horizontal, closed loop or open loop.

Site Plan

If a site plan is available, please attach. Otherwise, please provide a legible drawing of the site. If additional space is required, please include a separate attachment. Show an accurately plotted north arrow. Draw plans to scale wherever possible and indicate scale on the plan.

Include the following information as applicable:

- Property location and boundaries
- Show and label all **existing** structures, structures to be **removed** and locations of proposed **new** structures (indicate footprint for proposed building(s) and proposed paved areas in m^2)
- Show and label location of all existing and proposed **activities**:
  - Identify chemical and fuel storage locations (indicate chemical/fuel storage type e.g. above ground tank or portable containers)
  - Identify areas where road salt is applied and/or stored
  - For agricultural operations, identify manure, fertilizer, pesticide storage and livestock pasturing/grazing area and/or outdoor confinement or farm-animal yard
- Location of drinking water wells (identify active or inactive), geothermal systems, septic system and stormwater infrastructure
- Any additional information related to your operation

Section 3: Associated Reporting Requirements

Current	Proposed	N/A	**Additional legislation, prescribed instruments, permits or approvals that apply to or is registered for the property**
☐	☐	☐	Renewable Energy Permit
☐	☐	☐	Pesticide Permit
☐	☐	☐	Environmental Compliance Approval
☐	☐	☐	Permit to Take Water
☐	☐	☐	Nutrient Management Plan Indicate activity covered by Plan _____ and Plan #: _____
☐	☐	☐	Nutrient Management Strategy Indicate activity covered by Strategy _____ and Strategy #: _____

Current	Proposed	N/A	**Transport Pathways Screening** (see Appendix A)
☐	☐	☐	Are there active or inactive drinking water wells located on the property?
☐	☐	☐	Are there or will there be any monitoring wells or boreholes drilled on the property?
☐	☐	☐	Are there any active or inactive geothermal systems (wells) located on the property? Indicate System Type: ☐ Vertical ☐ Horizontal ☐ Open Loop ☐ Closed Loop
☐	☐	☐	Is there or will there be a septic system on the property?
☐	☐	☐	Will any excavation activities be undertaken on the property (including road cuts, regrading, pits, quarries, dugout ponds or ditches)?
☐	☐	☐	Will stormwater, sewer or water distribution infrastructure be altered or installed on the property (including sanitary sewer pipes, storm sewers, stormwater ponds, water distribution lines, etc.)?

Section 4: Potential Drinking Water Threat Activities – Current or Proposed

The *Clean Water Act* has identified several activities, which under certain circumstances, has the potential to adversely affect the quality or quantity of drinking water sources.
Indicate activities that take place on the property under both current and proposed uses.
Please answer all questions in this section.

Current	Proposed	N/A	**Fuel Handling and Storage**
☐	☐	☐	Liquid Fuel Storage (gasoline, diesel, aviation fuel) Indicate maximum quantity stored on the property at any one time: _____
☐	☐	☐	Fuel Oil Storage, including home heating oil (or waste oil if used as fuel) Indicate maximum quantity stored on the property at any one time: _____

Current	Proposed	N/A	**Chemical Handling and Storage**
☐	☐	☐	Handling and storage of **Dense Non-Aqueous Phase Liquids** (DNAPLs) in any quantity. (see Appendix A)
☐	☐	☐	Handling and storage of **Organic Solvents** (see Appendix A) Indicate volume stored in litres: _____

Current	Proposed	N/A	**Winter Maintenance**
☐	☐	☐	Application of road salt to roads, parking lots, driveways or walkways Indicate total paved area in m^2 or equivalent number of parking spaces: _____
☐	☐	☐	Storage of road salts Indicate quantity stored in tonnes: _____
☐	☐	☐	Storage of snow Indicate total footprint area in hectares: _____

Current	Proposed	N/A	**Waste Disposal or Storage Site**
☐	☐	☐	Storage and/or disposal of hazardous waste or liquid industrial waste
☐	☐	☐	Disposal of municipal waste or solid non-hazardous industrial or commercial waste
☐	☐	☐	Storage of waste oil (used motor oil, hydraulic oil, machine oil, cutting oil, etc.)
☐	☐	☐	Storage of PCB waste
☐	☐	☐	Application of untreated septage to land
☐	☐	☐	Storage, treatment and discharge of tailings from mines
☐	☐	☐	Landfarming of petroleum refining waste
☐	☐	☐	Liquid industrial waste injection into a well
☐	☐	☐	Other waste disposal site as defined by the *Environmental Protection Act*
☐	☐	☐	Property is registered through the Ontario Hazardous Waste Information Network (HWIN)
☐	☐	☐	Property is registered as a Waste Receiver through the Ontario Ministry of Environment, Conservation and Parks (MECP)

Current	Proposed	N/A	**Sewage and Storm Water Management**
☐	☐	☐	Storm water management facility designed to discharge to land or surface water including infiltration e.g., stormwater retention pond Indicate drainage area serviced by facility in hectares: _____
☐	☐	☐	Industrial effluent discharges

Current	Proposed	N/A	**Groundwater Recharge** Conversion of land to impervious/paved surfaces
☐	☐	☐	Parking lots, roads, driveways, etc. Indicate total paved area in m^2: _____
☐	☐	☐	Building(s) Indicate total area of building footprint in m^2: _____

Current	Proposed	N/A	Agricultural/Non-Agricultural Source Material, Fertilizers and Pesticides
☐	☐	☐	Application of Agricultural Source Material (e.g., manure) to Land (see Appendix A) Indicate application rate in nutrient units per hectare: _____
☐	☐	☐	Storage of Agricultural Source Material (e.g., manure) on property (see Appendix A) Indicate size of storage facility in nutrient units per hectare: _____
☐	☐	☐	Application of Non-Agricultural Source Material e.g., biosolids to Land (see Appendix A) Indicate application rate in nutrient units per hectare: _____
☐	☐	☐	Storage of Non-Agricultural Source Material (e.g., biosolids) (see Appendix A) Indicate size of storage facility in nutrient units per hectare: _____
☐	☐	☐	Application of Commercial Fertilizer to Land Indicate application rate in nutrient units per hectare: _____
☐	☐	☐	Storage of Commercial Fertilizer Indicate total mass of materials stored in kilograms: _____
☐	☐	☐	Application of Pesticide(s) to Land (see Appendix A)
☐	☐	☐	Storage of Pesticide(s) (see Appendix A) Indicate total mass of materials stored in kilograms: _____

Current	Proposed	N/A	Livestock and Farm-Animal Operations
☐	☐	☐	Property used for livestock grazing or pasturing Indicate below type of each livestock, total number and total area of the property used for livestock
☐	☐	☐	Property used for outdoor confinement or farm-animal yard Indicate below type of each livestock, total number and total area of the property used for livestock

Type / Description	Quantity	Total Area (in hectares)

Section 5: Submission Requirements Checklist

Item Description	✓	N/A
I have included a detailed description of the development proposal, activity or land use, including but not limited to, quantities of any know chemicals/ road salts / wastes to be stored on site and their composition as applicable.	☐	☐
I have included legible, electronically produced (or hand drawn and labelled) copies of the site plans, specifications and/or drawings (if available or applicable)	☐	☐
I have included a copy of any applicable survey certified by a registered Ontario Land Surveyor.	☐	☐

Section 6: Declaration of Applicant

I _____, am authorized
(print name)

to prepare, sign and submit this form and make all the certifications set out below. I have reviewed this form and have made all inquiries necessary to declare to the best of my knowledge, information and belief:

1. The information contained in this form, attached schedules, attached plans and specifications, and other attached documentation is complete and accurate to the best of my knowledge.
2. If the owner is a corporation or partnership, I have the authority to bind the corporation or partnership.

_____ _____

Date

Signature of Applicant
[Handwritten Signature Required]

Notice of Collection:
Personal information on this form is collected by The Regional Municipality of Peel under the authority of the *Clean Water Act, 2006* and will be used for the administration and enforcement of the *Clean Water Act, 2006*. Questions about this collection may be directed to the Region's Risk Management Official, 10 Peel Centre Drive, Brampton ON L6T 4B9 or 905-791-7800, extension 4339.

Appendix A

Transport Pathway

A transport pathway is a human-made feature above or below ground surface that may increase the vulnerability of the sources of drinking water. Transport pathways redirect the natural flow of water to surface water sources, or disturb the materials above an aquifer, which may increase the rate of flow to a groundwater source. Transport pathways bypass the natural protection provided by soil and rock layers and natural processes resulting in potential greater risk of contamination of water sources.

Under the *Clean Water Act*, O. Reg. 287/07, municipalities shall notify the Source Protection Authority and the Source Protection Committee if a person applies to the municipality for the approval of a proposal to engage in any activity in a Wellhead Protection Area (WHPA) or Intake Protection Zone (IPZ) that **may** result in the creation of a new transport pathway or the modification of an existing transport pathway. This notice shall include a description of the proposal, the identity of the person responsible for the proposal, and a description of the approvals that are required to engage in the proposed activity. The municipality shall give a copy of the notice to the person responsible for the development proposal.

Dense Non-Aqueous Phase Liquids (DNAPLs)

DNAPLs are chemicals that are denser than water and are not readily soluble in water which means a spill can quickly contaminate groundwater aquifers. The majority of DNAPLs are used in commercial and industrial applications. These chemicals can also be found in small quantities in household products. Common DNAPLs include dry cleaning fluid, industrial degreasers, auto parts cleaning products, paint/paint thinners, enamels/lacquers, resins, adhesives/glues and creosote.

DNAPLs of concern identified by the *Clean Water Act* include the following:

- Dioxane-1,4: Used as a degreasing solvent or solvent stabilizer in various manufacturing processes.
- Polycyclic Aromatic Hydrocarbons (PAHs): Used in wood preservatives, pharmaceuticals, dyes and asphalt products.
- Tetrachloroethylene (PCE) (also known as tetrachloroethene or perchloroethylene "PERC"): Used in dry cleaning, metal cleaning and as an intermediate in manufacturing processes.
- Trichloroethylene (TCE): Mainly used for degreasing of metal parts in the automotive and metal industries and also found in some household products such as adhesives, paint removers, paints, rug cleaning fluids, and metal cleaners.

- Vinyl Chloride: Used to make polyvinyl chloride (PVC) pipes, wire coatings, vehicle upholstery and plastic kitchen ware.

Organic Solvents

Organic Solvents are liquid organic compounds with the ability to dissolve solid, gases or liquids and therefore have the ability to contaminate drinking water sources.

Organic solvents of concern identified by the *Clean Water Act* include the following:

- Carbon Tetrachloride: Once used widely in fire extinguishers, as a cleaning agent, in the manufacture of refrigerants as well as an industrial solvent and metal degreasing agent is a banned substance in Ontario since 1999. The only permitted uses of the chemical are in research laboratories or in the manufacturing process where the product is converted to an alternative product which does not contain a class of ozone-depleting substances.
- Chloroform: Commonly used in a laboratory setting, and in the production of pharmaceuticals, dyes and pesticides.
- Dichloromethane (also known as methylene chloride): Used as a solvent in paint strippers and removers. It is used as a process solvent in the manufacture of drugs, pharmaceuticals and film coatings. It is also used as a metal cleaning and finishing solvent in electronics manufacturing.
- Pentachlorophenol (PCP): used as an herbicide, insecticide, fungicide, algaecide and disinfectant, and as an ingredient in antifouling paint. Its use has significantly declined due to its high toxicity.

Agricultural Source Material (ASM)

ASM includes:

- Manure produced by farm animals (includes bedding materials).
- Runoff from farm-animal yards and manure storages.
- Wash water that has not been mixed with human body waste (e.g., from the milking centre).
- Organic materials produced by intermediate operations that process the above materials (e.g., mushroom compost).
- Anaerobic digestion output that does not include sewage biosolids or human body waste.
- Regulated compost (which contains dead farm animals).

Non-Agricultural Source Material (NASM)

NASM includes:

- Category 1: e.g. Leaf and yard waste that has not been composted.
- Category 2: e.g. organic waste matter that contains no meat or fish and is derived from food processing at a bakery.
- Category 3: e.g. pulp and paper biosolids, paunch manure and sewage biosolids.

Pesticides

Pesticides of concern identified by the *Clean Water Act* include the following:

- MCPA (2-methyl-4-chlorophenoxyacetic acid)
- Mecoprop
- Atrazine
- Dicamba
- Dichlorophenoxy Acetic Acid (D-2,4)
- Dichloropropene-1,3
- MCPB (4-(4-chloro-2-methylphenoxy) butanoic acid)
- Metalaxyl
- Metolachlor or s-Metolachlor

This Section for Internal Use Only				
WHPA	Vulnerability Score	ICA	☐ HVA	☐ SGRA

Action Required/Taken	
☐	Application can proceed as written; s.59(2)(a) Notice to Proceed File No.: _____ issued by the RMO on _____.
☐	Risk Management Plan has been agreed to or established and S.59(2)(b) Notice to Proceed File No.: _____ issued by the RMO on _____.
☐	Section 59 of the *Clean Water Act* does not apply; application can proceed as written. Comments provided on _____.
☐	Activity is prohibited. Application cannot proceed as written.