



ICI & Agricultural Threats Verification Survey

Wellington Source Water Protection

Completed By: [Click here to enter text.](#)

Date:

Information is collected pursuant to the *Municipal Freedom of Information and Protection of Privacy Act*, R.S.O. 1990, c. M.56 and the *Clean Water Act*, 2006, S.O. 2006, c. 22 for the administration and enforcement of the *Clean Water Act*. Please note that business identity information is not considered personal information pursuant to the *Municipal Freedom of Information and Protection of Privacy Act*.

For any inquiries about the collection of this information, please contact the Risk Management Official, Wellington Source Water Protection, 7444 Wellington Road 21, Elora, ON, N0B 1S0, 519-846-9691 ext. 362.

1.0 Property Information

Property Information	
Municipality:	Click here to enter text.
Parcel Identification Number:	Click here to enter text.
Fire # or Street Address:	Click here to enter text.
Land Use:	<input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Agricultural <input type="checkbox"/> Other
Servicing	<input type="checkbox"/> Municipal Water <input type="checkbox"/> Municipal Sewage <input type="checkbox"/> Natural Gas <input type="checkbox"/> None
Business Information	
Business Name:	Click here to enter text.
Description of Business Activities (briefly describe)	Click here to enter text.

2.0 Contact Information

Person or Representative of Business Engaged in Threat Activity	
Name:	Click here to enter text.
Title:	Click here to enter text.
Mailing Address:	Click here to enter text.
Phone:	Click here to enter text.
Email:	Click here to enter text.
Property Owner (if different from above)	
Property Owner:	Click here to enter text.
Mailing Address:	Click here to enter text.
Phone:	Click here to enter text.

Email:	Click here to enter text.
Tenant (if different from above)	
Tenant Name:	Click here to enter text.
Mailing Address:	Click here to enter text.
Phone:	Click here to enter text.
Email:	Click here to enter text.

3.0 Drinking Water Threats - Activities

3.1 Storage and Handling of Fuels	
Are liquid fuels stored or handled on the property?	<input type="checkbox"/> Storage <input type="checkbox"/> Handling <input type="checkbox"/> No
What types of fuels are used or stored on the property?	<input type="checkbox"/> Gasoline/Diesel <input type="checkbox"/> Heating Fuel/Fuel Oil
For what purpose are fuels used or handled on the site?	<input type="checkbox"/> Retail <input type="checkbox"/> Use on Property <input type="checkbox"/> Distribution (by pipeline or tank trucks) <input type="checkbox"/> Refining
Where do you use and/or store fuels?	<input type="checkbox"/> Above Ground <input type="checkbox"/> Partially Below Ground <input type="checkbox"/> Below Ground
Please provide maximum quantity stored on the property at any one time. Please indicate number of tanks/storage containers for each type.	
Gasoline/Diesel	<input type="checkbox"/> < 25 L (e.g. Jerry can) <input type="checkbox"/> 25 – 250 L (up to 1 drum) <input type="checkbox"/> 250 – 2,500 L (at least 1 drum to 1 tank) <input type="checkbox"/> > 2,500 L (more than 1 tank)
Heating Fuel/Fuel Oil	<input type="checkbox"/> < 25 L (e.g. Jerry can) <input type="checkbox"/> 25 – 250 L (up to 1 drum) <input type="checkbox"/> 250 – 2,500 L (at least 1 drum to 1 tank) <input type="checkbox"/> > 2,500 L (more than 1 tank)
Notes:	Click here to enter text.

3.2 Waste Management	
Is the property registered through Ontario's Hazardous Waste Information Network (HWIN)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is the property registered as a Waste Receiver through the Ontario MOECC?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does the property have an Ontario MOECC Environmental Compliance Approval (ECA) for waste storage or waste disposal?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, please specify type of waste on ECA.	<input type="checkbox"/> Hazardous Waste <input type="checkbox"/> Liquid Industrial Waste <input type="checkbox"/> Municipal (non-hazardous) <input type="checkbox"/> Other Liquid Waste
Is there Polychlorinated biphenyl (PCB) storage on site?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does the property store small quantities of hazardous waste?	<p>Small quantities includes waste that is <1kg or <25L, containers or liners of containers that stored hazardous waste and residues on materials used to clean-up spills of hazardous waste.</p> <input type="checkbox"/> Yes <input type="checkbox"/> No
Does waste contain any of the following chemicals? (Check all that apply)	<input type="checkbox"/> Arsenic or arsenic-containing compounds <input type="checkbox"/> Barium <input type="checkbox"/> Cadmium or cadmium containing compounds <input type="checkbox"/> Chromium VI <input type="checkbox"/> Dichlorophenoxy Acetic Acid (D-2,4) <input type="checkbox"/> Mercury or mercury-containing compounds <input type="checkbox"/> Selenium or selenium-containing compounds <input type="checkbox"/> Silver or silver-containing compounds <input type="checkbox"/> 2,4,5-Trichlorophenoxyacetic Acid
Where do you store or handle waste?	<input type="checkbox"/> Above Ground <input type="checkbox"/> Partially Below Ground <input type="checkbox"/> Below Ground
Notes:	Click here to enter text.

3.3 Storage of Commercial Fertilizer	
Is commercial fertilizer stored on the property?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, for what purpose is commercial fertilizer stored?	<input type="checkbox"/> Retail <input type="checkbox"/> Wholesale <input type="checkbox"/> Manufactured <input type="checkbox"/> Application off site <input type="checkbox"/> Application on site
What is the total amount (both liquid and solid) of stored commercial fertilizer?	<input type="checkbox"/> < 25 kg <input type="checkbox"/> 25 – 250 kg <input type="checkbox"/> 250 – 2,500 kg <input type="checkbox"/> > 2,500 kg
Notes:	Click here to enter text.

3.4 Storage of Pesticide	
Is pesticide stored on the property?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes for what purpose is pesticide stored?	<input type="checkbox"/> Retail <input type="checkbox"/> Wholesale <input type="checkbox"/> Manufactured <input type="checkbox"/> Application off site <input type="checkbox"/> Application on site
What is the total amount of stored pesticides?	<input type="checkbox"/> < 250 kg <input type="checkbox"/> 250 – 2,500 kg <input type="checkbox"/> > 2,500 kg
Do the pesticides stored on the property contain any of the following ingredients? (Check all that apply)	<input type="checkbox"/> MCPA <input type="checkbox"/> Mecoprop <input type="checkbox"/> Atrazine <input type="checkbox"/> Dicamba <input type="checkbox"/> 2,4-D <input type="checkbox"/> Dichloropropene-1,3 <input type="checkbox"/> MCPB <input type="checkbox"/> Metalaxyl <input type="checkbox"/> Pendimethalin <input type="checkbox"/> Glyphosate <input type="checkbox"/> Metolachlor or s-Metolachlor <input type="checkbox"/> Other (please provide)
Notes:	Click here to enter text.

3.5 Application of Commercial Fertilizer and Pesticides	
Is commercial fertilizer applied on the property?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is pesticide applied on the property?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is a custom operator used?	Fertilizer <input type="checkbox"/> Yes Name of Operator: <input type="checkbox"/> No Pesticides <input type="checkbox"/> Yes Name of Operator: <input type="checkbox"/> No
If yes, provide approximate area of application.	Click here to enter text.
Do pesticides applied on the property contain any of the following ingredients? (Check all that apply)	<input type="checkbox"/> MCPA <input type="checkbox"/> Atrazine <input type="checkbox"/> 2,4-D <input type="checkbox"/> MCPB <input type="checkbox"/> Pendimethalin <input type="checkbox"/> Metolachlor or s-Metolachlor <input type="checkbox"/> Other (please provide) <input type="checkbox"/> Mecoprop <input type="checkbox"/> Dicamba <input type="checkbox"/> Dichloropropene-1,3 <input type="checkbox"/> Metalaxyl <input type="checkbox"/> Glyphosate
Soil Test? If yes, how often?	<input type="checkbox"/> Yes Frequency: <input type="checkbox"/> No
Fertilizer application rate, if known.	Rate:
Is it based on soil tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Notes:	Click here to enter text.

3.6 Road Salt and Snow Storage	
Is road salt applied to the property?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is road salt stored on the property?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, what is approximate volume of road salt stored?	<input type="checkbox"/> < 5,000 Tonnes <input type="checkbox"/> > 5,000 Tonnes
Where is road salt stored?	<input type="checkbox"/> In Building <input type="checkbox"/> Salt Dome Facility <input type="checkbox"/> Sealed Container

	<input type="checkbox"/> Outside
Is snow stored on the property?	<input type="checkbox"/> Yes, only onsite snow <input type="checkbox"/> Yes, snow is brought to site from other location <input type="checkbox"/> No, snow from property is removed off site
If yes what is the approximate maximum size of the snow storage area?	<input type="checkbox"/> < 0.01 – 0.5 ha <input type="checkbox"/> 0.5 – 1 ha <input type="checkbox"/> 1 – 5 ha <input type="checkbox"/> > 5 ha
Where is snow stored?	<input type="checkbox"/> Above Grade <input type="checkbox"/> Below Grade

3.7 Sewage	
Is the property municipally serviced for sewage?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, is sewage pumping station present on site?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If no please identify type of sewage disposal used on property:	<input type="checkbox"/> an earth pit privy, privy vault, greywater system, cesspool or a leaching bed system <input type="checkbox"/> a system that requires or uses a holding tank for the retention of hauled sewage at the site where it is produced prior to its collection by a hauled sewage system
Is the design flow of the sewage system greater than 10,000 L/day:	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, does the site have an Environmental Compliance Approval?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is there a storm water management pond on site?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does site have an oil-water separator and catch basins?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Notes:	Click here to enter text.

3.8 Storage and Handling of Organic Solvents

(see below for examples of products that may contain these chemicals)

Do you use or store any products that contain organic solvents?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, do these products contain any of the listed chemicals?	<input type="checkbox"/> Carbon Tetrachloride <input type="checkbox"/> Chloroform <input type="checkbox"/> Methylene Chloride <input type="checkbox"/> Pentachlorophenol
Do you have Material Safety Data Sheets (MSDS) for products?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Where do you use and/or store these chemicals?	<input type="checkbox"/> Above Ground <input type="checkbox"/> Partially Below Ground <input type="checkbox"/> Below Ground
What is the total volume stored?	<input type="checkbox"/> < 25 L <input type="checkbox"/> 25 – 250 L <input type="checkbox"/> 250 – 2,500 L <input type="checkbox"/> > 2,500 L
Notes:	Click here to enter text.

What are Organic Solvents?

Organic solvents are liquid organic compounds with the ability to dissolve solids, gases, or liquids. Organic solvents that are a potential concern with respect to drinking water sources include Carbon Tetrachloride, Chloroform, Methylene Chloride, Pentachlorophenol.

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: Is 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, aerosol propellant and as an agent in urethane foam blowing.

Pentachlorophenol (PCP): has been used as a herbicide, insecticide, fungicide, algaecide, and disinfectant, and as an ingredient in antifouling paint. Its use has significantly declined due to its high toxicity. Today it is used industrially as a wood preservative and is not manufactured in Canada.

3.9 Storage and Handling of Dense Non-Aqueous Phase Liquids

(see examples of products that may contain these chemicals)

<p>Do you use or store any products that could contain DNAPLs?</p> <p>Products and activities that could contain DNAPLs include:</p> <ul style="list-style-type: none">- Dry cleaning chemicals- Automotive products- Brake Cleaner- Metal Parts Cleaner- Degreasers- Liquid cooling products for machines/engines- Flame retardants- Wood preservatives- Manufacturing- Paints, paint thinner	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>Do you have Material Safety Data Sheets (MSDS) for products?</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>Do these products contain any of the listed chemicals?</p>	<p><input type="checkbox"/> Poly Aromatic Hydrocarbons</p> <p><input type="checkbox"/> Dioxane-1,4</p> <p><input type="checkbox"/> Tetrachloroethylene (PCE)</p> <p><input type="checkbox"/> Vinyl Chloride</p> <p><input type="checkbox"/> Trichloroethylene (TCE)</p>
<p>Where do you use and/or store these chemicals?</p>	<p><input type="checkbox"/> Above Ground</p> <p><input type="checkbox"/> Partially Below Ground</p> <p><input type="checkbox"/> Below Ground</p>
<p>What is the total volume stored?</p>	<p><input type="checkbox"/> < 25 L</p> <p><input type="checkbox"/> 25 – 250 L</p> <p><input type="checkbox"/> 250 – 2,500 L</p> <p><input type="checkbox"/> > 2,500 L</p>
<p>If unsure if products contain DNAPLs please provide a list of products used/stored on site that could potentially contain DNAPLs and approximate volume.</p>	<p>Click here to enter text.</p>

What are DNAPLs?

Dense, Non-aqueous Phase Liquids (DNAPLs) are chemicals that more dense than water and generally do not dissolve readily in

water. If spilled they tend to sink into the ground and contaminate the deepest groundwater resources. DNAPLs that are a potential concern with respect to drinking water sources include Poly aromatic hydrocarbons (PAHs), Dioxane-1,4, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl Chloride

Dioxane-1,4: Used as a degreasing solvent or solvent stabilizer in various manufacturing processes.

Tetrachloroethylene (PCE): 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. 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.

Poly Aromatic Hydrocarbons: Used in wood preservatives, pharmaceuticals, dyes and asphalt products.

Examples of PAHs include naphthalen; acenaphthen; anthracene; ben[a]anthracene;chrysene;coronen; fluoranthen; fuorene; penanthrene; pyrene.

4.0 Risk Management Measures

4.1 Spill Response and Emergency Plans

Do you have a spill response plan for chemicals stored on site?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, are employees trained on spill response?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Do you have an emergency plan?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Notes:	Click here to enter text.

5.0 Transport Pathways

5.1 Water Wells	
Is there a water well on site? If yes, please indicate number of wells.	Click here to enter text.
Type of well (i.e., drilled or dug) and casing:	<input type="checkbox"/> Drilled Well <input type="checkbox"/> Dug Well <input type="checkbox"/> Flush-mount Casing <input type="checkbox"/> Concrete Casing <input type="checkbox"/> Steel Monument Casing
Well Use:	<input type="checkbox"/> Potable Water Supply <input type="checkbox"/> Monitoring <input type="checkbox"/> Industrial Processes <input type="checkbox"/> Irrigation <input type="checkbox"/> Other: Click here to enter text.
Casing diameter and material:	Click here to enter text.
Well casing height:	Click here to enter text.
Condition of well:	Click here to enter text.
5.2 Water Quantity Threats	
Does property pump volumes of water greater than 10,000 L/day?	Click here to enter text.
Does property have a Permit to Take Water from the MOECC?	
What types of water takings occur on site?	<input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water
Notes:	Click here to enter text.

6.0 Agricultural Threat Verification

6.1 General	
Does a Nutrient Management Plan or Strategy apply to the property?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is there an Environmental Farm Plan for the property?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Crop rotation	<input type="checkbox"/> Corn <input type="checkbox"/> Wheat <input type="checkbox"/> Soybean <input type="checkbox"/> Other: _____ Current Crop: _____

6.2 Manure (Agricultural Source Material) Application	
Is manure (ASM) applied on the property?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, provide approximate area of application.	
Custom Operator?	<input type="checkbox"/> Yes Name of Operator: <input type="checkbox"/> No
If yes, provide name & contact information	
Notes:	
6.2.2 Manure (Agricultural Source Material) Storage	
Is manure (ASM) stored on the property?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, provide details of location on property, amount stored etc.	
Notes:	

6.3. Non-Agricultural Source Material (NASM) Application	
Is NASM applied on the property? e.g biosoilds, commercial food wastes etc.	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, provide approximate area of application.	
Custom Operator?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, provide name & contact information	
Notes:	
6.3.2 Non-Agricultural Source Material (NASM) Storage	

Is NASM stored on the property? e.g biosoilds, commercial food wastes etc.	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, provide details of location on property, amount stored etc.	
Notes:	

6.4 Grazing and Pasturing of Livestock	
Is there any grazing or pasturing of one or more livestock on the property, excluding household pets? e.g. cows, horses, sheep, goats, other animals	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, indicate the kind of livestock and approximately how many?	
Notes:	

7.0 Site Map

Please provide a sketch showing property and location of drinking water threat activities. Items to include in sketch if applicable: buildings, property lines, surface water bodies, wells, storage tanks, storm sewer drains, oil-water separators, catch basins, waste storage. Please include north arrow, street numbers, roads, etc. for orientation.