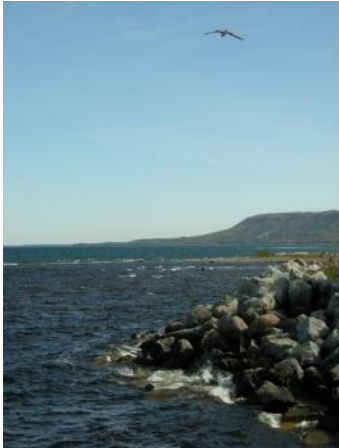


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Chapter 5

Understanding Policy



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5.0 Understanding Policy

5.1 Overview

The full set of source protection plan policies can be found in Chapter 6. The four primary policy areas are:

- a) policies related to a specific threat category;
- b) policies applying to multiple threat categories (general policies);
- c) policies related to transport pathways; and
- d) policies for monitoring the implementation and effectiveness of the above four areas

The policies that apply within a given threat category or section are summarized by a table, similar to the one shown in Table 5.1.1, just before the actual policies are given. The last row of the table lists the ‘general’ policies that also apply. The reader will need to turn to a different part of Chapter 6 to view these additional policies. An explanation of the terms Policy Approach, Implementing Body and Activity Type can be found in Chapter 4.

Table 5.1.1 – Sample of a policy summary table found in Chapter 6.

| Threat 6. The Application of Non-agricultural Source Material to Land | | | | |
|--|---|-----------------------|---|---------------------------------|
| Policy Text ID | Policy Name | Policy Approach | Implementing Body | Activity Type (Existing/Future) |
| 06-01 | Prohibition | Prohibition | RMO | Existing, Future |
| 06-02 | Non-agricultural Source Material Plan Approvals | Prescribed Instrument | Ministry of Agriculture, Food and Rural Affairs | Existing, Future |
| <i>see also General Policies: G-01 Restricted Land Use G-02 Amend Official Plan and Zoning By-law G-04 Education Program</i> | | | | |

5.1.1 Understanding Policy Text ID Numbers

Each policy has its own number, referred to as the Policy Text ID. The first half of the Policy Text ID identifies the policy area to which the policy belongs. The second half of the Policy Text ID is simply the order of that policy within the policy set, such as first, second or third.

If the Policy Text ID starts with a number, the policy refers to the specific threat category denoted by the number. If the Policy Text ID begins with the letter G, the policies are referring to general policies relating to more than one threat category. If the Policy Text ID starts with TP, the policies are referring to transport pathways. If the Policy Text ID starts with MP, the policies are referring to monitoring requirements.

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The following are examples of the various types of Policy Text ID numbers used in the Source Protection Plan.

02-02 specific to threat category 2 (sewage systems and sewage works); second policy in the set

11-01 specific to threat category 11 (pesticide storage); first policy in the set

G-03 a general policy that applies to more than one threat category; third policy in the set

TP-10 policy related to transport pathways; tenth policy in the set

MP-24 a monitoring policy; twenty-fourth policy in the set

5.2 How to Read a Policy

The same pattern or structure has been used to construct each policy in the Source Protection Plan. The relevant details are presented so as to answer the primary questions of what, where, when, how, and who.

In the left-hand column is the Policy Text ID number as described in section 5.1.1. The right-hand column is the Policy Text, which is described in section 5.2.1.

POLICY TEXT ID POLICY TEXT

08-02 Risk Management Plan

The policy applies in:

1. all vulnerable areas where the application of commercial fertilizer to land is a significant drinking water threat (existing activity); and
2. all vulnerable areas, except WHPA-A, where the application of commercial fertilizer to land would be a significant drinking water threat (future activity)

The application of commercial fertilizer to land may only occur in accordance with an approved Risk Management Plan. Therefore, the application of commercial fertilizer to land is designated for the purposes of s.58 of the Clean Water Act.

Establishment of a Risk Management Plan is required. The plan shall meet the guidelines with respect to the contents of a nutrient management plan established under Part III of O.Reg. 267/03 under the Nutrient Management Act.

It is recommended that NMAN software or similar be utilized to assist in calculations. The calculations shall be reviewed annually and the Risk Management Plan updated so that it accurately reflects the anticipated operation on the farm unit during the following year. The plan shall be renewed every five years.

For properties where the person engaging in the activity has a nutrient management plan as per O.Reg. 267/03 under the Nutrient Management Act, the Risk Management Official may accept the nutrient management plan in lieu of a Risk Management Plan for this activity if:

- a) the person engaging in the activity provides a copy of the nutrient management plan to the Risk Management Official; and
- b) the Risk Management Official is satisfied that the nutrient management plan contains sufficient terms, conditions and measures to manage the activity.

Risk Management Plans for existing activities shall be established within three years of the effective date of the Source Protection Plan.

Monitoring policy MP-25 applies.

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5.2.1 Structure of Policy Text

The Policy Text has three basic parts that contain all of the key details.

- 1) The first part follows the title of the policy and specifies four items:
 - what threat is being addressed;
 - where the policy applies (vulnerable areas);
 - what activity type it is for (existing or future); and
 - what threat level is addressed (e.g. significant drinking water threat).
- 2) The second part states the required action and any particulars about how the action is to be conducted.
- 3) The third part states what monitoring policy applies to the policy and generally gives a timeframe for the policy to be implemented.

5.3 Connecting Policies to Activities

Determining whether an activity on a particular piece of land is affected by one or more source protection plan policies can be done by connecting three key pieces of information:

1. Is the property located in a vulnerable area and, if so, what is the vulnerability score?
2. Does an activity that is occurring or could occur on the property generally match one of the drinking water threat categories?
3. Do any of the sets of circumstances within the drinking water threat category exactly match that activity?

Policies only apply to activities under certain circumstances and within particular vulnerable areas.

5.3.1 Vulnerable Areas

Wellhead Protection Areas (WHPAs) and Intake Protection Zones (IPZs), along with vulnerability scores, have been delineated for municipal drinking water systems in the Source Protection Region. Section 5.5 of the Source Protection Plan has maps for each vulnerable area in the Source Protection Region where policies could apply. The vulnerable area and vulnerability score can be determined from the maps.

Policies may affect activities in the following vulnerable areas within the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region:

- WHPA-A, where the vulnerability score is 10
- WHPA-B, where the vulnerability score is 10
- WHPA-B where the vulnerability score is 8
- WHPA-B, where the vulnerability score is 6
- WHPA-C, where the vulnerability score is 8, 6, or 4
- WHPA-E, where the vulnerability score is 9

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- WHPA-E, where the vulnerability score is 8
- IPZ-1, where the vulnerability score is 10
- IPZ-2, where the vulnerability score is 8
- Events-based areas, where the modelled fuel thresholds apply
- WHPA-Q, where water quantity threats were modelled

In addition, policies regarding Transport Pathways also apply to the above vulnerable areas where the vulnerability score is 10 or 8 or 6.

It should be noted that only the Ruhl Lake intake, for the Hanover drinking water system, has policies that apply to it for numerous threat categories. The vulnerability scores that were determined for the other surface water systems in the Source Protection Region were at lower values, which may have moderate or low drinking water threats. The Source Protection Committee has not developed policies for these moderate or low drinking water threats at this time.

5.3.2 Policies Applied to Vulnerable Areas

Section 5.4 has a series of tables with all the applicable policies that match the vulnerable area scores found on the maps in section 5.5. For each vulnerable area listed in Section 5.3.1 there is a table in Section 5.4. Also, on each table is the list of all the policies that apply to that vulnerable area. The full text of the policies can be found by going to the appropriate Policy Text ID in Chapter 6.

5.3.3 Circumstances Where Policies Apply

For each table in Section 5.4 there is a corresponding Provincial Table of Circumstances. The Table of Circumstances is simply a portion of the Threats Tables. It gives all the details on the manner in which an activity would need to occur for it to be considered a drinking water threat in that particular vulnerable area. Appendix D has copies of the Tables of Circumstances referenced in section 5.4.

5.4 Tables of Policies That Apply in Vulnerable Areas

The box at the top of each table in this section shows the following:

- the vulnerable area that is considered
- the vulnerability score that applies in the vulnerable area
- the colour of the vulnerable area as shown on the maps provided in Section 5.5

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The same Policy Text ID number may be found in more than one table. It is the same policy being applied in these cases to more than one vulnerable area.

Table 5.4.1. Policies that apply within WHPA-A or WHPA-B, where the vulnerability score is 10

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-A | 10 | RED |
| WHPA-B | 10 | RED |

NOTE:

Policy Text IDs marked with  to the left indicate that the policy only applies in WHPA-A.

| Policy Text ID | Policy Name | Implementation |
|---|---|--|
| Threat 1: The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> | | |
| 01-01 | Risk Management Plan for Hazardous Waste or Liquid Industrial Waste | RMO (Risk Management Official) |
| 01-02 | Risk Management Plan for Waste Described in clause (p), (q), (r), (s), (t) or (u) | RMO |
| 01-03 | Review of Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 01-04 | Constraint on Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 01-05 | Siting of PCB Waste Storage | Ministry of the Environment and Climate Change |
| 01-06 | Official Plan and Zoning By-law Amendment for Waste Disposal Sites | Municipality |
| 01-07 | Waste Diversion | Municipality |
| Threat 2: The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage | | |
| 02-01 | Sewer Connection By-law | Municipality |
| 02-02 | Approval of Environmental Compliance Approvals for On-site Sewage Systems | Ministry of the Environment and Climate Change |
| 02-03 | Constraint on Environmental Compliance Approvals for On-site Sewage Systems | Ministry of the Environment and Climate Change |
| 02-04 | Maintenance Inspection Program | Municipality |
| 02-05 | Sewer Requirement for New Lots | Municipality |
| 02-06 | Building Code Changes Related to On-site Sewage Systems | Ministry of Municipal Affairs and Housing |
| 02-07 | Review of Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |

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| Policy Text ID | Policy Name | Implementation |
|---|---|---|
| Threat 2: The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage | | |
| 02-08 | Constraint on Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |
| 02-09 | Sewer Maintenance | Municipality |
| 02-10 | Sewer Locating Program | Municipality |
| 02-11 | Stormwater Management Review | Municipality |
| 02-12 | Separation of Combined Sewers | Municipality |
| 02-13 | Infiltration Prevention | Municipality |
| 02-14 | Design Principles for New Development | Municipality |
| Threat 3: The application of agricultural source material to land | | |
| ◆ 03-01* | Prohibition | RMO |
| 03-02* | Risk Management Plan | RMO |
| Threat 4: The storage of agricultural source material | | |
| ◆ 04-01 | Prohibition | RMO |
| 04-02 | Risk Management Plan – Permanent Nutrient Storage Facility | RMO |
| 04-03 | Risk Management Plan – Temporary Field Nutrient Storage Site | RMO |
| 04-04 | Constraint on Nutrient Management Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 6: The application of non-agricultural source material to land | | |
| ◆ 06-01* | Prohibition | RMO |
| 06-02* | Non-agricultural Source Material Plan Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 7: The handling and storage of non-agricultural source material | | |
| ◆ 07-01 | Prohibition | RMO |
| 07-02 | Non-agricultural Source Material Plan Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 8: The application of commercial fertilizer to land | | |
| ◆ 08-01* | Prohibition | RMO |
| 08-02* | Risk Management Plan | RMO |
| Threat 9: The handling and storage of commercial fertilizer | | |
| 09-01 | Risk Management Plan | RMO |
| Threat 10: The application of pesticide to land | | |
| 10-01 | Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 10-02 | Risk Management Plan | RMO |



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The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-A | 10 | RED |
| WHPA-B | 10 | RED |

NOTE:

Policy Text IDs marked with  to the left indicate that the policy only applies in WHPA-A.

| Policy Text ID | Policy Name | Implementation | |
|---|--|--|---|
|  | Threat 11: The handling and storage of pesticide | | |
| 11-01 | Prohibition | RMO | |
| 11-02 | Risk Management Plan | RMO | |
| | Threat 12: The application of road salt | | |
| 12-01† | Risk Management Plan | RMO | |
| | Threat 13: The handling and storage of road salt | | |
| 13-01 | Prohibition | RMO | |
| | Threat 14: The storage of snow | | |
| 14-01 | Prohibition | RMO | |
| 14-02 | Risk Management Plan for Snow Storage | RMO | |
| | Threat 15: The handling and storage of fuel | | |
| 15-01 | Prohibition of Certain Fuel Facilities | RMO | |
| 15-02 | Risk Management Plan for Small Fuel Facilities | RMO | |
| 15-03 | Risk Management Plan for Certain Fuel Facilities | RMO | |
| | Threat 16: The handling and storage of a dense non-aqueous phase liquid (DNAPLs) | | |
| 16-01 | Prohibition | RMO | |
| 16-02 | Risk Management Plan | RMO | |
| 16-03 | Sewer Use By-law | Municipality | |
| | Threat 17: The handling and storage of an organic solvent | | |
| 17-01 | Prohibition | RMO | |
| 17-02 | Risk Management Plan | RMO | |
| 17-03 | Sewer Use By-law | Municipality | |
| | Threat 18: The management of runoff that contains chemicals used in the de-icing of aircraft | | |
| 18-01 | Prohibition | RMO | |
| | Threat 21: The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard | | |
|  | 21-01 | Prohibition | RMO |
| | 21-02 | Risk Management Plan - Grazing or Pasturing | RMO |
| | 21-03 | Risk Management Plan - Confinement Area or Yard | RMO |
| | 21-04 | Constraint on Nutrient Management Approvals - Confinement Area or Yard | Ministry of Agriculture, Food and Rural Affairs |

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Table 5.4.1. Policies that apply within WHPA-A or WHPA-B, where *continued* the vulnerability score is 10

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-A | 10 | RED |
| WHPA-B | 10 | RED |

NOTE:

Policy Text IDs marked with  to the left indicate that the policy only applies in WHPA-A.

| Policy Text ID | Policy Name | Implementation |
|---|--|---|
| General: Policies applying to multiple threat categories | | |
| G-01 | Restricted Land Use – Non-residential | RMO/ Municipality |
| G-02 | Restricted Land Use – Residential | RMO/ Municipality |
| G-04 | Amend Official Plan and Zoning By-law | Municipality |
| G-05 | Incentive Program | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-06 | Education Program | Conservation Authorities |
| G-07 | Vulnerable Area Road Signs | Ministry of Transportation/ Municipality |
| G-08 | Hazardous Waste Disposal Opportunity | Municipality |
| G-09 | Hazardous Waste Collection Program | Municipality |
| G-10 | Transition Provisions | All those named in other Source Protection Plan policies |
| G-11 | Financial Support Fund | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-12 | Municipal/Conservation Authority Implementation Assistance | Ministry of the Environment and Climate Change |
| G-13 | Update of Municipal Emergency Response Plans | Municipality |
| G-14 | Compliance Monitoring for Prescribed Instruments | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs/Ministry of Natural Resources and Forests |

Details about circumstances that would make policies listed in Table 5.4.1 apply to an activity can be found in:

- Appendix D.1 “PROVINCIAL TABLE 1 (CW10S): Chemicals in a WHPA with a vulnerability score of 10 where threats are significant.”

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- Appendix D.2 “PROVINCIAL TABLE 12 (PW10S): Pathogens in WHPA A, B with a vulnerability of 10 where threats are significant”
- Appendix D.4 “PROVINCIAL TABLE 9 (DWAS): DNAPLS in WHPA A, B, C, C1, with any vulnerability where threats are significant.”
- * These policies require referencing mapping of managed lands and livestock density in the assessment reports (in combination with the vulnerability scoring) to determine where these policies would apply.
- † These policies require referencing mapping impervious surface area in the assessment reports (in combination with the vulnerability scoring) to determine where these policies would apply.

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Table 5.4.2. Policies that apply within WHPA-B, where the vulnerability score is 8

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-B | 8 | ORANGE |

| Policy Text ID | Policy Name | Implementation |
|---|---|---|
| Threat 1: The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> | | |
| 01-03 | Review of Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 01-04 | Constraint on Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 01-06 | Official Plan and Zoning By-law Amendment | Municipality |
| 01-07 | Waste Diversion | Municipality |
| Threat 2: The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage | | |
| 02-07 | Review of Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |
| 02-08 | Constraint on Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |
| Threat 16: The handling and storage of a dense non-aqueous phase liquid (DNAPLs) | | |
| 16-01 | Prohibition | RMO |
| 16-02 | Risk Management Plan | RMO |
| 16-03 | Sewer Use By-law | Municipality |
| General: Policies applying to multiple threat categories | | |
| G-01 | Restricted Land Use – Non-residential | RMO/Municipality |
| G-02 | Restricted Land Use – Residential | RMO/Municipality |
| G-04 | Amend Official Plan and Zoning By-law | Municipality |
| G-06 | Education Program | Conservation Authority |
| G-07 | Vulnerable Area Road Signs | Municipality /Ministry of Transportation |
| G-08 | Hazardous Waste Disposal Opportunity | Municipality |
| G-09 | Hazardous Waste Collection Program | Municipality |
| G-10 | Transition Provisions | All those named in other source protection plan policies |
| G-11 | Financial Support Fund | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-12 | Municipal/Conservation Authority Implementation Assistance | Ministry of the Environment and Climate Change |
| G-13 | Update of Municipal Emergency Response Plans | Municipality |

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The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-B | 8 | ORANGE |

| Policy Text ID | Policy Name | Implementation |
|-----------------------|--|--|
| G-14 | Compliance Monitoring for Prescribed Instruments | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs/Ministry of Natural Resources and Forests |

Details about circumstances that would make policies listed in Table 5.4.2 apply to an activity can be found in:

- Appendix D.3 “PROVINCIAL TABLE 2 (CW8S): Chemicals in a WHPA with a vulnerability score of 8 where threats are significant.”
- Appendix D.4 “PROVINCIAL TABLE 9 (DWAS): DNAPLs in WHPA A, B, C, C1, with any vulnerability where threats are significant.”

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Table 5.4.3. Policies that apply within WHPA-B, where the vulnerability score is 6, or WHPA-C, where the vulnerability score is 8 or 6 or 4

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-B | 6 | YELLOW |
| WHPA-C | 8 | ORANGE |
| | 6 | YELLOW |
| | 4 | MEDIUM GREEN |

| Policy Text ID | Policy Name | Implementation |
|---|--|---|
| Threat 16: The handling and storage of a dense non-aqueous phase liquid (DNAPLs) | | |
| 16-01 | Prohibition | RMO |
| 16-02 | Risk Management Plan | RMO |
| 16-03 | Sewer Use By-law | Municipality |
| General: Policies applying to multiple threat categories | | |
| G-01 | Restricted Land Use – Non-residential | RMO/ Municipality |
| G-02 | Restricted Land Use – Residential | RMO/ Municipality |
| G-04 | Amend Official Plan and Zoning By-law | Municipality |
| G-06 | Education Program | Conservation Authority |
| G-08 | Hazardous Waste Disposal Opportunity | Municipality |
| G-09 | Hazardous Waste Collection Program | Municipality |
| G-10 | Transition Provisions | All those named in other source protection plan policies |
| G-11 | Financial Support Fund | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-12 | Municipal/Conservation Authority Implementation Assistance | Ministry of the Environment and Climate Change |
| G-13 | Update of Municipal Emergency Response Plans | Municipality |
| G-14 | Compliance Monitoring for Prescribed Instruments | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs/Ministry of Natural Resources and Forests |

Details about circumstances that would make policies listed in Table 5.4.3 apply to an activity can be found in:

- Appendix D.4 “PROVINCIAL TABLE 9 (DWAS): DNAPLS in WHPA A, B, C, C1, with any vulnerability where threats are significant.”

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Table 5.4.4. Policies that apply within WHPA-E, where the vulnerability score is 9

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-E | 9 | ORANGE |

| Policy Text ID | Policy Name | Implementation |
|---|---|---|
| Threat 1: The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> | | |
| 01-01 | Risk Management Plan for Hazardous Waste or Liquid Industrial Waste | RMO (Risk Management Official) |
| 01-02 | Risk Management Plan for Waste Described in clause (p), (q), (r), (s), (t) or (u) | RMO |
| 01-03 | Review of Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 01-04 | Constraint on Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 01-06 | Official Plan and Zoning By-law Amendment for Waste Disposal Sites | Municipality |
| 01-07 | Waste Diversion | Municipality |
| Threat 2: The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage | | |
| 02-07 | Review of Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |
| 02-08 | Constraint on Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |
| 02-09 | Sewer Maintenance | Municipality |
| 02-10 | Sewer Locating Program | Municipality |
| 02-11 | Stormwater Management Review | Municipality |
| 02-12 | Separation of Combined Sewers | Municipality |
| 02-13 | Infiltration Prevention | Municipality |
| 02-14 | Design Principles for New Development | Municipality |
| Threat 4: The storage of agricultural source material | | |
| 04-02 | Risk Management Plan – Permanent Nutrient Storage Facility | RMO |
| 04-03 | Risk Management Plan – Temporary Field Nutrient Storage Site | RMO |
| 04-04 | Constraint on Nutrient Management Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 6: The application of non-agricultural source material to land | | |
| 06-02* | Non-agricultural Source Material Plan Approvals | Ministry of Agriculture, Food and Rural Affairs |

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Table 5.4.4. Policies that apply within WHPA-E, where the vulnerability *continued* score is 9

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-E | 9 | ORANGE |

| Policy Text ID | Policy Name | Implementation |
|---|--|---|
| Threat 7: The handling and storage of non-agricultural source material | | |
| 07-02 | Non-agricultural Source Material Plan Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 8: The application of commercial fertilizer to land | | |
| 08-02* | Risk Management Plan | RMO |
| Threat 10: The application of pesticide to land | | |
| 10-01 | Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| Threat 11: The handling and storage of pesticide | | |
| 11-02 | Risk Management Plan | RMO |
| Threat 12: The application of road salt | | |
| 12-01† | Risk Management Plan | RMO |
| Threat 13: The handling and storage of road salt | | |
| 13-01 | Prohibition | RMO |
| Threat 14: The storage of snow | | |
| 14-01 | Prohibition | RMO |
| 14-02 | Risk Management Plan | RMO |
| Threat 15: The handling and storage of fuel | | |
| 15-01 | Prohibition of Certain Fuel Facilities | RMO |
| 15-02 | Risk Management Plan for Small Fuel Facilities | RMO |
| 15-03 | Risk Management Plan for Cetain Fuel Facilities | RMO |
| Threat 21: The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard | | |
| 21-02 | Risk Management Plan - Grazing or Pasturing | RMO |
| 21-03 | Risk Management Plan - Confinement Area or Yard | RMO |
| 21-04 | Constraint on Nutrient Management Approvals - Confinement Area or Yard | Ministry of Agriculture, Food and Rural Affairs |

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Table 5.4.4. Policies that apply within WHPA-E, where the vulnerability score is 9 *continued*

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-E | 9 | ORANGE |

| Policy Text ID | Policy Name | Implementation |
|---|--|--|
| General: Policies applying to multiple threat categories | | |
| G-01 | Restricted Land Use – Non-residential | RMO/ Municipality |
| G-02 | Restricted Land Use – Residential | RMO/ Municipality |
| G-04 | Amend Official Plan and Zoning By-law | Municipality |
| G-05 | Incentive Program | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-06 | Education Program | Conservation Authorities |
| G-07 | Vulnerable Area Road Signs | Ministry of Transportation / Municipality |
| G-10 | Transitions Provisions | All those named in other source protection plan policies |
| G-11 | Financial Support Fund | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-12 | Municipal/Conservation Authority Implementation Assistance | Ministry of the Environment and Climate Change |
| G-13 | Update of Municipal Emergency Response Plans | Municipality |
| G-14 | Compliance Monitoring for Prescribed Instruments | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs/Ministry of Natural Resources and Forests |

Details about circumstances that would make policies listed in Table 5.4.4 apply to an activity can be found in:

- Appendix D.7 “PROVINCIAL TABLE 20 (CIPZWE9S): Chemicals in an IPZ or WHPA-E where the vulnerability score is 9 where threats are significant.”
- Appendix D.8 “PROVINCIAL TABLE 46 (PIPZWE9S): Pathogens in an IPZ or WHPA-E with a vulnerability of 9 where threats are significant.”

* These policies require referencing mapping of managed lands and livestock density in the assessment reports (in combination with the vulnerability scoring) to determine where these policies would apply.

† These policies require referencing mapping impervious surface area in the assessment reports (in combination with the vulnerability scoring) to determine where these policies would apply.

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Table 5.4.5. Policies that apply within WHPA-E, where the vulnerability score is 8

The table below shows policies that apply in these zones.

| | | |
|-------------------------|-----------------------------|-------------------------------|
| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
| WHPA-E | 8 | ORANGE |

| Policy Text ID | Policy Name | Implementation |
|---|--|---|
| Threat 1: The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> | | |
| 01-03 | Review of Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 01-04 | Constraint on Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| Threat 2: The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage | | |
| 02-07 | Review of Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |
| 02-08 | Constraint on Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |
| 02-11 | Stormwater Management Review | Municipality |
| 02-12 | Separation of Combined Sewers | Municipality |
| 02-13 | Infiltration Prevention | Municipality |
| 02-14 | Design Principles for New Development | Municipality |
| Threat 3: The application of agricultural source material to land | | |
| 03-02 | Risk Management Plan | RMO |
| Threat 4: The storage of agricultural source material | | |
| 04-02 | Risk Management Plan – Permanent Nutrient Storage Facility | RMO |
| 04-03 | Risk Management Plan – Temporary Field Nutrient Storage Site | RMO |
| 04-04 | Constraint on Nutrient Management Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 6: The application of non-agricultural source material to land | | |
| 06-02 | Non-agricultural Source Material Plan Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 7: The handling and storage of non-agricultural source material | | |
| 07-02 | Non-agricultural Source Material Plan Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 21: The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard | | |
| 21-02 | Risk Management Plan - Grazing or Pasturing | RMO |
| 21-03 | Risk Management Plan - Confinement Area or Yard | RMO |
| 21-04 | Constraint on Nutrient Management Approvals - Confinement Area or Yard | Ministry of Agriculture, Food and Rural Affairs |

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Table 5.4.5. Policies that apply within WHPA-E, where the vulnerability *continued* score is 8

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-E | 8 | ORANGE |

| Policy Text ID | Policy Name | Implementation |
|---|--|--|
| General: Policies applying to multiple threat categories | | |
| G-01 | Restricted Land Use – Non-residential | RMO/ Municipality |
| G-02 | Restricted Land Use – Residential | RMO/ Municipality |
| G-04 | Amend Official Plan and Zoning By-law | Municipality |
| G-05 | Incentive Program | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-06 | Education Program | Conservation Authorities |
| G-07 | Vulnerable Area Road Signs | Ministry of Transportation / Municipality |
| G-10 | Transition Provisions | All those named in other source protection plan policies |
| G-11 | Financial Support Fund | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-12 | Municipal/Conservation Authority Implementation Assistance | Ministry of the Environment and Climate Change |
| G-13 | Update of Municipal Emergency Response Plans | Municipality |
| G-14 | Compliance Monitoring for Prescribed Instruments | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs/Ministry of Natural Resources and Forests |

Details about circumstances that would make policies listed in Table 5.4.4 apply to an activity can be found in:

- Appendix D.9 “PROVINCIAL TABLE 22 (CIPZWE8S): Chemicals in an IPZ or WHPA-E where the vulnerability score is 8 where threats are significant.”
- Appendix D.10 “PROVINCIAL TABLE 48 (PIPZWE8S): Pathogens in an IPZ or WHPA-E with a vulnerability of 8 where threats are significant.”

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Table 5.4.6. Policies that apply within IPZ-1, where the vulnerability score is 10

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| IPZ-1 | 10 | RED |

| Policy Text ID | Policy Name | Implementation |
|---|---|--|
| Threat 1: The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> | | |
| 01-01 | Risk Management Plan for Hazardous Waste or Liquid Industrial Waste | RMO (Risk Management Official) |
| 01-02 | Risk Management Plan for Waste Described in clause (p), (q), (r), (s), (t) or (u) | RMO |
| 01-03 | Review of Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 01-04 | Constraint on Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 01-05 | Siting of PCB Waste Storage | Ministry of the Environment and Climate Change |
| 01-06 | Official Plan and Zoning By-law Amendment for Waste Disposal Sites | Municipality |
| 01-07 | Waste Diversion | Municipality |
| Threat 2: The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage | | |
| 02-01 | Sewer Connection By-law | Municipality |
| 02-02 | Approval of Environmental Compliance Approvals for On-site Sewage Systems | Ministry of the Environment and Climate Change |
| 02-03 | Constraint on Environmental Compliance Approvals for On-site Sewage Systems | Ministry of the Environment and Climate Change |
| 02-04 | Maintenance Inspection Program | Municipality |
| 02-05 | Sewer Requirement for New Lots | Municipality |
| 02-06 | Building Code Changes Related to On-site Sewage Systems | Ministry of Municipal Affairs and Housing |
| 02-07 | Review of Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |
| 02-08 | Constraint on Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |
| 02-09 | Sewer Maintenance | Municipality |
| 02-10 | Sewer Locating Program | Municipality |
| 02-11 | Stormwater Management Review | Municipality |
| 02-12 | Separation of Combined Sewers | Municipality |
| 02-13 | Infiltration Prevention | Municipality |
| 02-14 | Design Principles for New Development | Municipality |

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Table 5.4.6. Policies that apply within IPZ-1, where the vulnerability score is 10 *continued*

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| IPZ-1 | 10 | RED |

| Policy Text ID | Policy Name | Implementation |
|---|--|---|
| Threat 3: The application of agricultural source material to land | | |
| 03-02* | Risk Management Plan | RMO |
| Threat 4: The storage of agricultural source material | | |
| 04-02 | Risk Management Plan – Permanent Nutrient Storage Facility | RMO |
| 04-03 | Risk Management Plan – Temporary Field Nutrient Storage Site | RMO |
| 04-04 | Constraint on Nutrient Management Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 6: The application of non-agricultural source material to land | | |
| 06-02* | Non-agricultural Source Material Plan Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 7: The handling and storage of non-agricultural source material | | |
| 07-02 | Non-agricultural Source Material Plan Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 8: The application of commercial fertilizer to land | | |
| 08-02* | Risk Management Plan | RMO |
| Threat 9: The handling and storage of commercial fertilizer | | |
| 09-01 | Risk Management Plan | RMO |
| Threat 10: The application of pesticide to land | | |
| 10-01 | Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 10-02 | Risk Management Plan | RMO |
| Threat 11: The handling and storage of pesticide | | |
| 11-02 | Risk Management Plan | RMO |
| Threat 12: The application of road salt | | |
| 12-01† | Risk Management Plan | RMO |
| Threat 13: The handling and storage of road salt | | |
| 13-01 | Prohibition | RMO |
| Threat 14: The storage of snow | | |
| 14-01 | Prohibition | RMO |
| 14-02 | Risk Management Plan | RMO |
| Threat 15: The handling and storage of fuel | | |
| 15-01 | Prohibition of Certain Fuel Facilities | RMO |
| 15-02 | Risk Management Plan for Small Fuel Facilities | RMO |
| 15-03 | Risk Management Plan for Certain Fuel Facilities | RMO |

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Table 5.4.6. Policies that apply within IPZ-1, where the vulnerability score is 10 *continued*

The table below shows policies that apply in these zones

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| IPZ-1 | 10 | RED |

| Policy Text ID | Policy Name | Implementation |
|---|--|--|
| Threat 16: The handling and storage of a dense non-aqueous phase liquid (DNAPLs) | | |
| 16-01 | Prohibition | RMO |
| 16-02 | Risk Management Plan | RMO |
| 16-03 | Sewer Use By-law | Municipality |
| Threat 17: The handling and storage of an organic solvent | | |
| 17-01 | Prohibition | RMO |
| 17-02 | Risk Management Plan | RMO |
| 17-03 | Sewer Use By-law | Municipality |
| Threat 18: The management of runoff that contains chemicals used in the de-icing of aircraft | | |
| 18-01 | Prohibition | RMO |
| Threat 21: The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard | | |
| 21-02 | Risk Management Plan - Grazing or Pasturing | RMO |
| 21-03 | Risk Management Plan - Confinement Area or Yard | RMO |
| 21-04 | Constraint on Nutrient Management Approvals - Confinement Area or Yard | Ministry of Agriculture, Food and Rural Affairs |
| General: Policies applying to multiple threat categories | | |
| G-01 | Restricted Land Use – Non-residential | RMO/ Municipality |
| G-02 | Restricted Land Use – Residential | RMO/ Municipality |
| G-04 | Amend Official Plan and Zoning By-law | Municipality |
| G-05 | Incentive Program | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-06 | Education Program | Conservation Authority |
| G-07 | Vulnerable Area Road Signs | Ministry of Transportation / Municipality |
| G-08 | Hazardous Waste Disposal Opportunity | Municipality |
| G-09 | Hazardous Waste Collection Program | Municipality |
| G-10 | Transition Provisions | All those named in other source protection plan policies |
| G-11 | Financial Support Fund | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-12 | Municipal/Conservation Authority Implementation Assistance | Ministry of the Environment and Climate Change |

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The table below shows policies that apply in these zones

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| IPZ-1 | 10 | RED |

| | | |
|------|--|--|
| G-13 | Update of Municipal Emergency Response Plans | Municipality |
| G-14 | Compliance Monitoring for Prescribed Instruments | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs/Ministry of Natural Resources and Forests |

Details about circumstances that would make policies listed in Table 5.4.5 apply to an activity can be found in:

- Appendix D.5 “PROVINCIAL TABLE 19 (CIPZ10S): Chemicals in an IPZ with a vulnerability of 10 where threats are significant.”
- Appendix D.6 “PROVINCIAL TABLE 45 (PIPZ10S): Pathogens in an IPZ with a vulnerability of 10 where threats are significant.”
- * These policies require referencing mapping of managed lands and livestock density in the assessment reports (in combination with the vulnerability scoring) to determine where these policies would apply.
- † These policies require referencing mapping impervious surface area in the assessment reports (in combination with the vulnerability scoring) to determine where these policies would apply.

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Table 5.4.7. Policies that apply within IPZ-2, where the vulnerability score is 8

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| IPZ-2 | 8 | ORANGE |

| Policy Text ID | Policy Name | Implementation |
|---|--|---|
| Threat 1: The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> | | |
| 01-03 | Review of Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| 01-04 | Constraint on Environmental Compliance Approvals | Ministry of the Environment and Climate Change |
| Threat 2: The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage | | |
| 02-07 | Review of Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |
| 02-08 | Constraint on Environmental Compliance Approvals for Sewage Works | Ministry of the Environment and Climate Change |
| 02-11 | Stormwater Management Review | Municipality |
| 02-12 | Separation of Combined Sewers | Municipality |
| 02-13 | Infiltration Prevention | Municipality |
| 02-14 | Design Principles for New Development | Municipality |
| Threat 3: The application of agricultural source material to land | | |
| 03-02* | Risk Management Plan | RMO |
| Threat 4: The storage of agricultural source material | | |
| 04-02 | Risk Management Plan – Permanent Nutrient Storage Facility | RMO |
| 04-03 | Risk Management Plan – Temporary Field Nutrient Storage Site | RMO |
| 04-04 | Constraint on Nutrient Management Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 6: The application of non-agricultural source material to land | | |
| 06-02* | Non-agricultural Source Material Plan Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 7: The handling and storage of non-agricultural source material | | |
| 07-02 | Non-agricultural Source Material Plan Approvals | Ministry of Agriculture, Food and Rural Affairs |
| Threat 21: The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard | | |
| 21-02 | Risk Management Plan - Grazing or Pasturing | RMO |
| 21-03 | Risk Management Plan - Confinement Area or Yard | RMO |
| 21-04 | Constraint on Nutrient Management Approvals - Confinement Area or Yard | Ministry of Agriculture, Food and Rural Affairs |

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Table 5.4.7. Policies that apply within IPZ-2, where the vulnerability score is 8 *continued*

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| IPZ-2 | 8 | ORANGE |

| Policy Text ID | Policy Name | Implementation |
|---|--|--|
| General: Policies applying to multiple threat categories | | |
| G-01 | Restricted Land Use – Non-residential | RMO/ Municipality |
| G-04 | Amend Official Plan and Zoning By-law | Municipality |
| G-05 | Incentive Program | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-06 | Education Program | Conservation Authority |
| G-07 | Vulnerable Area Road Signs | Ministry of Transportation / Municipality |
| G-10 | Transition Provisions | All those named in other source protection plan policies |
| G-11 | Financial Support Fund | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-12 | Municipal/Conservation Authority Implementation Assistance | Ministry of the Environment and Climate Change |
| G-13 | Update of Municipal Emergency Response Plans | Municipality |
| G-14 | Compliance Monitoring for Prescribed Instruments | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs/Ministry of Natural Resources and Forests |

Details about circumstances that would make policies listed in Table 5.4.6 apply to an activity can be found in:

- Appendix D.9 “PROVINCIAL TABLE 22 (CIPZWE8S): Chemicals in an IPZ or WHPA-E where the vulnerability score is 8 where threats are significant.”
- Appendix D.10 “PROVINCIAL TABLE 48 (PIPZWE8S): Pathogens in an IPZ or WHPA-E with a vulnerability of 8 where threats are significant.”
- * These policies require referencing mapping of managed lands and livestock density in the assessment reports (in combination with the vulnerability scoring) to determine where these policies would apply.

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Table 5.4.8a. Policies that apply to Transport Pathways in WHPA-A, where the vulnerability score is 10

The table below shows policies that apply in these zones.

| <i>Vulnerable Area:</i> | <i>Vulnerability Score:</i> | <i>Colour of Zone on Map:</i> |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-A | 10 | RED |

| <i>Policy Text ID</i> | <i>Policy Name</i> | <i>Implementation</i> |
|-----------------------|--|--|
| TP-01 | Municipal By-law for Geothermal Systems | Municipality |
| TP-02 | Municipal By-law for Water Connection | Municipality |
| TP-03 | Circulation of Proposals with New Transport Pathways | Municipality |
| TP-04 | Water Services for New Lots | Municipality |
| TP-05 | Provincial Legislation for Geothermal Systems | Ministry of the Environment and Climate Change |
| TP-06 | Provincial Permitting System for New Wells | Ministry of the Environment and Climate Change |
| TP-07 | Building Code Changes | Ministry of Municipal Affairs and Housing |
| TP-08 | O. Reg. 903 Changes Constraining Well Location | Ministry of the Environment and Climate Change |
| TP-09 | Pilot Project to Locate Unidentified Wells | Municipality/ Ministry of the Environment and Climate Change/ Conservation Authorities |
| TP-10 | Incentive Program for Wells | Ministry of the Environment and Climate Change |
| TP-11 | Education Program – Transport Pathways | Conservation Authorities |

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Table 5.4.8b. Policies that apply to Transport Pathways in WHPA-B, where the vulnerability score is 10 or 8 or 6

The table below shows policies that apply in these zones.

| <i>Vulnerable Area:</i> | <i>Vulnerability Score:</i> | <i>Colour of Zone on Map:</i> |
|--------------------------------|------------------------------------|--------------------------------------|
| WHPA-B | 10 | RED |
| WHPA-B | 8 | ORANGE |
| WHPA-B | 6 | YELLOW |

| <i>Policy Text ID</i> | <i>Policy Name</i> | <i>Implementation</i> |
|------------------------------|--|---|
| TP-01 | Municipal By-law for Geothermal Systems | Municipality |
| TP-02 | Municipal By-law for Water Connection | Municipality |
| TP-03 | Circulation of Proposals with New Transport Pathways | Municipality |
| TP-04 | Water Services for New Lots | Municipality |
| TP-05 | Provincial Legislation for Geothermal Systems | Ministry of the Environment and Climate Change |
| TP-06 | Provincial Permitting System for New Wells | Ministry of the Environment and Climate Change |
| TP-07 | Building Code Changes | Ministry of Municipal Affairs and Housing |
| TP-08 | Pilot Project to Locate Unidentified Wells | Ministry of the Environment and Climate Change / Municipality/ Conservation Authorities |
| TP-10 | Incentive Program for Wells | Ministry of the Environment and Climate Change |
| TP-11 | Education Program – Transport Pathways | Conservation Authorities |

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Table 5.4.8c. Policies that apply to Transport Pathways in WHPA-E, where the vulnerability score is 8

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-E | 8 | ORANGE |

| Policy Text ID | Policy Name | Implementation |
|-----------------------|--|--|
| TP-03 | Circulation of Proposals with New Transport Pathways | Municipality |
| TP-05 | Provincial Legislation for Geothermal Systems | Ministry of the Environment and Climate Change |
| TP-11 | Education Program – Transport Pathways | Conservation Authorities |

Table 5.4.8d. Policies that apply to Transport Pathways in IPZ-1, where the vulnerability score is 10

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| IPZ-1 | 10 | RED |

| Policy Text ID | Policy Name | Implementation |
|-----------------------|--|--|
| TP-03 | Circulation of Proposals with New Transport Pathways | Municipality |
| TP-05 | Provincial Legislation for Geothermal Systems | Ministry of the Environment and Climate Change |
| TP-11 | Education Program – Transport Pathways | Conservation Authorities |

Table 5.4.8e. Policies that apply to Transport Pathways in IPZ-2, where the vulnerability score is 8

The table below shows policies that apply in these zones.

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| IPZ-2 | 8 | ORANGE |

| Policy Text ID | Policy Name | Implementation |
|-----------------------|--|--|
| TP-03 | Circulation of Proposals with New Transport Pathways | Municipality |
| TP-05 | Provincial Legislation for Geothermal Systems | Ministry of the Environment and Climate Change |
| TP-11 | Education Program – Transport Pathways | Conservation Authorities |

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Table 5.4.9. Policies that apply within Events-based areas (EBA)

The table below shows policies that apply in these zones

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| EBA | | See maps |

| Policy Text ID | Policy Name | Implementation |
|---|---|--|
| Threat 15: The handling and storage of fuel | | |
| 15-04 | Prohibition | RMO |
| 15-05 | Risk Management Plan | RMO |
| General: Policies applying to multiple threat categories | | |
| G-01 | Restricted Land Use – Non-residential | RMO/ Municipality |
| G-02 | Restricted Land Use – Residential | RMO/ Municipality |
| G-03 | Restricted Land Use – Non Residential for Fuel Near Intakes | RMO/ Municipality |
| G-04 | Amend Official Plan and Zoning By-law | Municipality |
| G-05 | Incentive Program | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-06 | Education Program | Conservation Authority |
| G-11 | Financial Support Fund | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-12 | Municipal/Conservation Authority Implementation Assistance | Ministry of the Environment and Climate Change |

Specific fuel quantity thresholds for each of seven Great Lakes Intakes are shown on their individual maps.

Table 5.4.10. Policies that apply within WHPA-Q

The table below shows policies that apply in this zone

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-Q | | See maps |

| Policy Text ID | Policy Name | Implementation |
|--|-----------------------------------|--|
| Threat 19: An Activity That Takes Water From an Aquifer or a Surface Water Body Without Returning the Water Taken to the Same Aquifer or Surface Water Body | | |
| 19-01 | Review of Permits to Take Water | Ministry of the Environment and Climate Change |
| 19-02 | Ongoing Tier 3 Model Maintenance | Ministry of the Environment and Climate Change |
| 19-03 | Water Management Plan | Municipality |
| 19-04 | Collaboration with Other Agencies | Municipality |

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The table below shows policies that apply in this zone

| Vulnerable Area: | Vulnerability Score: | Colour of Zone on Map: |
|-------------------------|-----------------------------|-------------------------------|
| WHPA-Q | | See maps |

| General: Policies applying to multiple threat categories | | |
|---|--|--|
| G-01 | Restricted Land Use – Non-residential | RMO/ Municipality |
| G-02 | Restricted Land Use – Residential | RMO/ Municipality |
| G-04 | Amend Official Plan and Zoning By-law | Municipality |
| G-05 | Incentive Program | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-06 | Education Program | Conservation Authority |
| G-11 | Financial Support Fund | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs |
| G-12 | Municipal/Conservation Authority Implementation Assistance | Ministry of the Environment and Climate Change |
| G-14 | Compliance Monitoring for Prescribed Instruments | Ministry of the Environment and Climate Change/ Ministry of Agriculture, Food and Rural Affairs/Ministry of Natural Resources and Forests |

5.5 Viewing Vulnerable Areas

Maps have been provided on the following pages for each of the vulnerable areas where policies apply. The maps are organized by municipality. The extent of the vulnerable areas can be seen by turning to the maps. The colours on the tables in Section 5.4 match the colours found on the maps.

The map set only includes areas where significant drinking water threats could occur (see section 5.3.1 for a list of areas). The vulnerability score for certain systems is lower in value, so that activities do not reach the significant drinking water threat level. This includes the East Linton Water Treatment Plant.

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