

Figure 7

Carlisle
Existing and would be significant surface water threat areas



- Legend**
- SW - Significant Threats - Group 4
 - SW - Significant Threats - Group 5
- Roads**
- Highway
 - Regional
 - Local
- Municipal Well

- Group 4: (WHPA-E-9)**
- Waste Disposal Site - Application of Untreated Septage to Land (Chemical)
 - Waste Disposal Site - Mine Tailings (Chemical)
 - Waste Disposal Site - Landfarming of Petroleum Refining Waste (Chemical)
 - Waste Disposal Site - Landfilling (Hazardous Waste) (Chemical)
 - Waste Disposal Site - Landfilling (Municipal Waste) (Chemical)
 - Waste Disposal Site - Landfilling of solid non-hazardous industrial or commercial waste (Chemical)
 - Waste Disposal Site - Storage of Hazardous Waste at Disposal Site (Chemical)
 - Sewage - Storage (Pathogen)
 - ASM - Application (Chemical)
 - ASM - Handling and Storage (Chemical)
 - NASM - Application (Chemical)
 - NASM - Handling and Storage (Chemical)
 - Commercial Fertilizer - Application (Chemical)
 - Pesticides - Handling and Storage (Chemical)
 - Road Salt - Application (Chemical)
 - Road Salt - Handling and Storage (Chemical)
 - Snow - Storage (Chemical)
 - Runoff Management - Aircraft De-icing Chemicals (Chemical)
 - Use of land for livestock - Grazing and Pasturing (Chemical)
 - Use of land for livestock - Confinement Yard (Chemical)

- Group 5: (WHPA-E-8.1, WHPA-E-9)**
- Waste Disposal Site - Application of Untreated Septage to Land (Pathogen)
 - Sewage - Combined sewage discharge to surface water (Chemical and Pathogen)
 - Sewage - Discharge from stormwater retention pond (Chemical)
 - Sewage - Industrial Effluent Discharges (Chemical and Pathogen)
 - Sewage - Sewage treatment plant bypass discharge to surface water (Chemical and Pathogen)
 - Sewage - Sewage treatment plant effluent discharges (Chemical and Pathogen)
 - ASM - Application (Pathogen)
 - ASM - Handling and Storage (Pathogen)
 - NASM - Application (Pathogen)
 - NASM - Handling and Storage (Pathogen)
 - Pesticides - Application (Chemical)
 - Use of land for livestock - (Pathogen)

SW: Surface Water
WHPA-E-9: Wellhead Protection Area E - Vulnerability score of 9

Reference: Prescribed threat circumstances as listed in the Ministry of the Environment Table of Drinking Water Threats (2009)

Source: Conservation Halton
Date: October 2011
Projection: UTM NAD 83 Zone 17

