

Appendix 5 – PDS 9-2021

Excerpt from the Existing Regional Official Plan (ROP, 2014)

7.A.2 Water Resources

Objectives

- Objective 7.A.2.A To protect, improve or restore the quantity and quality of ground and surface water resources.
- Objective 7.A.2.B To maintain or restore natural stream form and flow characteristics in the region's watercourses.

Policies

- Policy 7.A.2.1 Development and site alteration shall only be permitted if it will not have negative impacts, including cross-jurisdictional and cross-watershed impacts, on:
- a) The quantity and quality of surface and ground water;
 - b) The functions of ground water recharge and discharge areas, aquifers and headwaters;
 - c) The natural hydrologic characteristics of watercourses such as base flow;
 - d) Surface or ground water resources adversely impacting on natural features or ecological functions of the Core Natural Heritage System or its components;
 - e) Natural drainage systems, stream forms and shorelines; and
 - f) Flooding or erosion.
- Policy 7.A.2.2 Development and site alteration shall be restricted in the vicinity of vulnerable surface and ground water features of importance to municipal water supplies so that the safety and quality of municipal drinking water will be protected or improved.
- Policy 7.A.2.3 As watershed and ground water studies identify surface and ground water features, hydrologic functions and natural heritage features and areas necessary for the ecological and hydrologic integrity of Niagara's watersheds, the Region shall consider appropriate amendments to this Plan.

Policy 7.A.2.4 Efficient and sustainable use of water resources shall be promoted, including practices to conserve water and protect or enhance water quality.

Policy 7.A.2.5 Combined sewer overflows and sewage treatment plant bypasses have significant environmental impacts. The elimination of sewer overflows and bypasses shall be a Regional priority.

Policy 7.A.2.6 A stormwater management plan and a sediment and erosion control plan prepared and signed by a qualified engineer may be required with a development application depending on:

- a) The scale and nature of the proposal; and
- b) Site-specific environmental conditions.

A stormwater management plan shall be required with an application for development or site alteration in the Unique Agricultural Areas.

Stormwater management plans shall be prepared in accordance with Policy 7.A.2.1, with the Ontario Ministry of the Environment Stormwater Management Planning and Design Manual 2003 or its successor, and with watershed and/or environmental planning studies for the area.

A stormwater management plan and a sediment and erosion control plan shall not be required for a new mineral aggregate operation or an expansion to an existing operation where these matters are adequately addressed through studies prepared to meet the requirements of the Aggregate Resources Act.

Policy 7.A.2.7 A stormwater management plan submitted with an application for development shall demonstrate that the proposal will minimize vegetation removal, grading and soil compaction, erosion and sedimentation, and impervious services as well as meeting the requirements of Policy 7.A.2.6. Stormwater management facilities shall not be constructed in Core Natural Heritage Areas, Fish Habitat, key hydrologic features, or in required vegetation protection zones in the Unique Agricultural Areas unless permitted under Chapter 7.B of this Plan.

Policy 7.A.2.8 Prior to any planning approvals, new development applications requiring a Provincial Permit to Take Water shall satisfy the Region that the water taking will not have negative impacts on natural ecosystems or the quality and quantity of water to meet existing and planned uses.

- Policy 7.A.2.9 Development and site alteration shall not have significant adverse impacts on ground water quality or quantity. In areas where development and site alteration could significantly affect ground water quality or quantity the Region shall require further review of potential impacts.
- Policy 7.A.2.10 The Region shall oppose the transfer of water outside the Great Lakes Basin.
- Policy 7.A.2.11 The Region recognizes the importance of municipal drains for drainage of agricultural lands and, in some areas, for conveying irrigation water. The Region supports design, construction and maintenance of Requisition and Petition Drains authorized under the Drainage Act in accordance with Best Management Practices to avoid significant detrimental effects on farmland, water resources, natural areas and fish and wildlife habitat and encourages local municipalities to include policies in their official plans to achieve this.