



Conservation Halton  
 2596 Britannia Road West Burlington, ON 7P 0G3  
 Phone: 905.336-1158 Fax: 905.336.7014  
 Extension: 254 gis@hrca.on.ca

Geographic Information Systems Program  
*Protecting the natural environment  
 from lake to escarpment*  
 www.conservationhalton.on.ca

## Summary Of Conservation Halton GIS Data Holdings and Availability

### NOTE:

- 1) Before contacting Conservation Halton (CH), Municipal consultants should determine if required project data is available from their client.
- 2) Conservation Halton does not redistribute third party datasets to external clients. Please contact the appropriate OWNER to obtain this data.
- 3) A Data Request form must be completed, in full, for all requests **and** a Data Licensing Agreement must be signed before work begins on your data request.
- 4) Charges for staff time, data handling costs and licensing fees may apply to some data sets; these must be paid by the client before any data is released by Conservation Halton.

Conservation Halton Data Layer	OWNER	SHORT DESCRIPTION	UPDATED
Approximate Regulation Limit (ARL)	CH	Approximated area regulated by CH	14-May-2012
Floodplain (Regulated Hazard)	CH	Estimated polygon of Floodplain hazard associated with ARL	14-May-2012
Ponds (Regulated Hazard)	CH	Estimated polygon of Pond hazard associated with ARL	14-May-2012
Meander Belt (Regulated Hazard)	CH	Estimated polygon of Meander Belt hazard associated with ARL	14-May-2012
Shoreline (Regulated Hazard)	CH	Estimated polygon of Shoreline hazard associated with ARL	14-May-2012
Stable Top of Bank (Regulated Hazard)	CH	Estimated polygon of Stable Top of Bank hazard associated with ARL	14-May-2012
Wetland (Regulated Hazard)	CH	Estimated polygon of Wetland hazard associated with ARL	14-May-2012
Flood Lines / Flood Plains	CH	Engineered Flood Plains	varies
Regulated Watercourses & Hydrologic Linkages (e.g., Creeks)	CH	Waterflow showing regulated creeks and additional hydrologic linkages	14-May-2012
Ecological Land Classification (ELC)	CH	Ecological Land Classification	2014
Fisheries Occurrence	CH	Aquatic ecology monitoring program	Yearly
Monitoring Stations (FBMP, MMP)	CH	Forest Bird Monitoring Program and Marsh Monitoring Program Locations	Yearly
Watershed Boundary	CH	HRCA delineated watersheds	22-Oct-07
Subwatersheds: Sixteen Mile, Bronte and Grindstone Creeks	CH	HRCA delineated sub watersheds	22-Oct-07
*Landcover	CH	HRCA derived from orthophoto interpretation	2011, 2012
Orthophotography, 2002 (Orthorectified)	CH	April 2002 Orthophoto flight, colour, 20cm resolution	15-Apr-2002
Digital Elevation Model, 2002	CH	April 2002 DEM, 10m spaced spot elevations and breaklines with elevations	15-Apr-2002
Triangular Irregular Network, 2002	CH	April 2002 TIN, derived from DEM noted above	15-Apr-2002
Digital Terrain Model, 2002	CH	April 2002 DTM, derived from DEM noted above, raster grid with 5m grid cells	15-Apr-2002
Contours, 2002	CH	Contours, interval choice of 10m, 5, 1m or 0.5m.	15-Apr-2002

Third Party Datasets (not available from CH)	OWNER	SHORT DESCRIPTION	
Orthophotography, 2000, orthorectified	GRCA	April 2000 Orthophoto flight, B&W, 50 cm resolution	2000
Orthophotography, 1999, orthorectified	RoH	April 1999 Orthophoto flight, colour, 50 cm resolution	1999
Real-Time Hydrometric Data	WSC	Water level/gauge data	2013
Candidate Significant Woodlands	varies	Contact the local Municipality (RoH, CoH, CoW) *	varies
Pits and Quarries	MNR	NRVIS Pits and Quarries	Varies
Contours (5m; 2.5m intermittent)	MNR	NRVIS Contours	Varies
Waterbodies	MNR	NRVIS lakes	Varies
ANSIS - Life Science and/or Earth Science	MNR	NRVIS ANSIS layer (2003)	Varies
Other Environmental Designations	MNR		
Wetlands - Provincially Significant	MNR	NRVIS Wetland Layer	Varies
Wetlands - Locally Significant	MNR	NRVIS Wetland Layer	Varies
Wildlife Habitat or Significant Wildlife Habitat	MNR	NRVIS Habitat Ranges	Varies
Species Observation Records for Protected Flora and Fauna	MNR	Please contact MNR's Natural Heritage Information Centre (NHIC).	Varies
Environmentally Significant Areas (ESAs) - Hamilton	CoH	ESAs	1995
Environmentally Sensitive Areas (ESAs) - Halton	RoH	ESAs	1998
Greenlands Systems - County of Wellington	CoW	County equivalent to ESAs	1997
Soils: Wellington, Hamilton, Halton, Peel	OMAF	Soil data derived from soils surveys	1985
Landcover: Bronte Creek Watershed Only	OMAF	Agricultural Resource Inventory	1980

* OWNER INFORMATION		GIS DATA CONTACTS
Conservation Halton	CH	Conservation Halton - Coordinator, Geomatics Information Management Program (905) 336-1158 x2254 - gis@hrca.on.ca
Ontario Ministry of Agriculture and Food	OMAF	Ontario Ministry of Agriculture and Food - www.omafr.gov.on.ca
Ontario Ministry of Natural Resources	MNR	Ministry of Natural Resources - www.lio.gov.on.ca
Natural Heritage Information Centre	NHIC	The Natural Heritage Information Centre (NHIC) http://nhic.mnr.gov.on.ca/
Grand River Conservation Authority	GRCA	Grand River Conservation Authority - www.grandriver.ca/grin/grin.cfm
Water Survey of Canada	WSC	Water Survey Canada - www.wsc.ec.gc.ca/applications/H2O/index-eng.cfm
Region of Halton	RoH	Region of Halton - www.halton.ca
City of Hamilton	CoH	City of Hamilton - www.hamilton.ca (GIS Services)
County of Wellington	CoW	County of Wellington - www.wellington.ca

GIS Layers Not Available	Possible Alternate Layer
Crest of Slope or Fill Line	Stable Top of Bank
Landcover	Contact the GIS Coordinator to determine availability for your study area.
Significant Valley Lands	ESA layer + Stable Top of Bank or MMAH Greenbelt valley lands layer

\*\*This listing should not be copied or redistributed without the written authorization of Conservation Halton.



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**2016 Fee Schedule for Digital Data and Custom Mapping**

The types of fees applied will vary based on the type of request, whether digital data is a deliverable, the specific data use and the client Group category. Please see the Data Dissemination Policy for more information.

A handling fee is applied to each data request form submitted to Conservation Halton. Floodplain models have mandatory handling and staff time recovery fees that are not normally waived.

Handling Fee: \$120.00 per request,  
 Staff Time: \$60.00 per half hour (Minimum \$60 per request)

**1. DIGITAL FEE SCHEDULE**

Approximate Regulation Limit (ARL)	\$100.00 per tile (1x1 km)
All ARL Hazards (e.g. - floodplains, meander belt, wetlands)	\$100.00 per tile (1x1 km)
2002 Orthophotos	\$100.00 per tile (1x1 km)
2002 Digital Elevation Model	\$100.00 per tile (1x1 km)
2002 Contours	\$100.00 per tile (1x1 km)
2002 TINs (Triangular Irregular Networks)	\$100.00 per tile (1x1 km)
Floodplain Hydraulic or Flow Model (e.g., HECRAS)	varies, \$100.00 per model

**Commonly Requested Digital Data Packages**

***Floodplain Package "A"***

Floodplain limit and associated cross sections (as shape files) + HEC2 Model, Handling fee + staff time

***Floodplain Package "B"***

Floodplain limit and associated cross sections (as shape files) and HEC2 + HEC Geo-RAS Models Handling fee + staff time

***Floodplain Package "C"***

Floodplain limit and associated cross sections (as shape files), HEC2 + HEC Geo-RAS Models, plus TIN Handling fee + staff time + TIN licensing fee

***Planning Package "A"***

Approximate Regulation Limit, all hazards, (e.g. - Floodplain) and creeks Handling fee + staff time + ARL licensing fee +hazard fee

***Planning Package "B"***

Approximate Regulation Limit, all hazards, creeks and 1m contours, Handling fee + staff time + ARL licensing fee + hazard fee + contour fee

***Ecological Package "A"***

Approximate Regulation Limit, Creeks, fisheries occurrence Handling fee + staff time + ARL licensing fee

***Ecological Package "B"***

Approximate Regulation Limit, Creeks, 1m Contours, fisheries occurrence Handling fee + staff time + ARL licensing fee + contour fee

**2. PRINTED MAPS FEE SCHEDULE +**

Approximate Regulation Limit (ARL) - colour 11x17 map	\$20.00 per page
B&W FDRP Flood and Fill Lines - Xerox 2510 or Diazo reprints	\$20.00 per page
+ Please contact a member of the Planning Department (x276) to obtain prints of these maps.	

**3. CUSTOM MAPPING PRODUCTS ++**

Custom mapping (11x17 PDF)	\$200.00 (first hour)
Additional time is charged at	\$60.00 per additional half hour (Minimum \$60 per request)

++ Please complete a **custom map request form** to initiate a request. This is available online.