

# Land Information Ontario Data Description

## OHN – 100K Waterbody

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# LIO Class Description

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## OHN - 100K Waterbody

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**Class Short Name:** OHN100WB

**Version Number:** 1

**Class Description:**

Waterbodies are polygon features (natural and constructed) that describe various realizations of surface water. This is a generalization of the medium scale OHN - Waterbody class and is used for cartographic purposes and web mapping services.

**Abstract Class Name:** SPMNTPOLY

**Abstract Class**

**Description:**

Spatial Multi-Non-Tessellating-Polygon: An object is represented by ONE or MORE polygons. Polygons may NOT overlap. HOLES within and GAPS between polygons ARE allowed. Example: the St. Lawrence Islands National Park, where the Park itself is made up of many islands.

**Metadata URL:**

**Tables in LIO Class:**  
**OHN - 100K Waterbody**

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**OHN\_100K\_WATERBODY\_FT**

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Waterbodies are polygon features (natural and constructed) that describe various realizations of surface water.

Column Name	Column Type	Mandatory	Short Name	Valid Values
<b>OGF_ID</b>	NUMBER(13,0)	Yes	OGF_ID	
A unique numeric provincial identifier assigned to each object.				
<b>WATERBODY_TYPE</b>	VARCHAR2(20)	Yes	WBDY_TYPE	Lake, Ocean, River (See OHN_SS_WATERBODY_TYPE_LIST table)
The nature of a body of water defined according to its water velocity and usage.				
<b>OFFICIAL_NAME_LABEL</b>	VARCHAR2(100)	No	OFF_NAME	
This field is a concatenation of the Geographic Named Extent Fields "Official Name" and "Alternate Name".				
<b>GEL_NAME_IDENT</b>	VARCHAR2(32)	No	GEL_IDENT	
An identifier from the Geographic Named Extent Layer (GEL). This is a unique, 32 length, alpha-numeric identifier used to distinguish an object.				
<b>POLITICAL_SUBDIVISION_CODE</b>	VARCHAR2(5)	No	POL_SUBDIV	CA-AB, CA-BC, CA-MB, CA-NB, CA-NL, CA-NS, ... (See POLITICAL_SUBDIVISION_LIST table)
ISO codes for the representation of countries and their sub-divisions.				
<b>LABEL_IND</b>	VARCHAR2(3)	Yes	LABEL_IND	Yes, No
Used to identify if the feature is to be labelled Default = No				
<b>SYSTEM_CALCULATED_AREA</b>	NUMBER(16,3)	Yes	SYS_AREA	
The area of a polygon measured in square metres.				
<b>SYSTEM_CALCULATED_PERIMETER</b>	NUMBER(16,3)	Yes	SYS_PERIM	
The perimeter of a polygon or length of a line measured in metres.				
<b>GEOMETRY_UPDATE_DATETIME</b>	DATE	No	GEO_UPD_DT	
Date/time the geometry was created or last modified in the source database.				
<b>EFFECTIVE_DATETIME</b>	DATE	No	EFF_DATE	
Date/time the record was created or last modified in the source database.				
<b>SHAPE</b>	SDO_GEOMETRY	No	SHAPE	
Geometry attribute.				

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**OHN\_SS\_WATERBODY\_TYPE\_LIST**

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The nature of a body of water defined according to its water velocity and usage.

Column Name	Column Type	Mandatory	Short Name	Valid Values
<b>WATERBODY_TYPE</b>	VARCHAR2(20)	Yes	WBDY_TYPE	
The nature of a body of water defined according to its water velocity and usage.				

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<b>DESCRIPTION</b>	VARCHAR2 (100)	Yes	DESCR
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Describes the Waterbody Type

<b>EFFECTIVE_DATETIME</b>	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

<b>EXPIRY_DATETIME</b>	DATE	No	EXP_DATE
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Date/time that the record was expired from use.

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## **POLITICAL\_SUBDIVISION\_LIST**

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ISO code list for the countries and their sub-divisions.

<b>Column Name</b>	<b>Column Type</b>	<b>Mandatory</b>	<b>Short Name</b>	<b>Valid Values</b>
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<b>POLITICAL_SUBDIVISION_CODE</b>	VARCHAR2 (5)	Yes	POL_SUBDIV
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ISO codes for the representation of countries and their sub-divisions.

<b>DESCRIPTION</b>	VARCHAR2 (100)	Yes	DESCR
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Describes the Subdivision Code

<b>EFFECTIVE_DATETIME</b>	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

<b>EXPIRY_DATETIME</b>	DATE	No	EXP_DATE
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Date/time that the record was expired from use.

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**LIO Lookup Table Values:**  
**POLITICAL\_SUBDIVISION\_LIST**

<b>POLITICAL SUBDIVISION CODE</b>	<b>DESCRIPTION</b>	<b>EXPIRY DATETIME</b>
CA-AB	Canada - Alberta	
CA-BC	Canada - British Columbia	
CA-MB	Canada - Manitoba	
CA-NB	Canada - New Brunswick	
CA-NL	Canada - Newfoundland and Labrador	
CA-NS	Canada - Nova Scotia	
CA-NT	Canada - Northwest Territories	
CA-NU	Canada - Nunavut	
CA-ON	Canada - Ontario	
CA-PE	Canada - Prince Edward Island	
CA-QC	Canada - Quebec	
CA-SK	Canada - Saskatchewan	
CA-YT	Canada - Yukon Territory	
US-AK	United States - Alaska	
US-AL	United States - Alabama	
US-AR	United States - Arkansas	
US-AZ	United States - Arizona	
US-CA	United States - California	
US-CO	United States - Colorado	
US-CT	United States - Connecticut	
US-DE	United States - Delaware	
US-FL	United States - Florida	
US-GA	United States - Georgia	
US-HI	United States - Hawaii	
US-IA	United States - Iowa	
US-ID	United States - Idaho	
US-IL	United States - Illinois	
US-IN	United States - Indiana	

US-KS	United States - Kansas	
US-KY	United States - Kentucky	
US-LA	United States - Louisiana	
US-MA	United States - Massachusetts	
US-MD	United States - Maryland	
US-ME	United States - Maine	
US-MI	United States - Michigan	
US-MN	United States - Minnesota	
US-MO	United States - Missouri	
US-MS	United States - Mississippi	
US-MT	United States - Montana	
US-NC	United States - North Carolina	
US-ND	United States - North Dakota	
US-NE	United States - Nebraska	
US-NH	United States - New Hampshire	
US-NJ	United States - New Jersey	
US-NM	United States - New Mexico	
US-NV	United States - Nevada	
US-NY	United States - New York	
US-OH	United States - Ohio	
US-OK	United States - Oklahoma	
US-OR	United States - Oregon	
US-PA	United States - Pennsylvania	
US-RI	United States - Rhode Island	
US-SC	United States - South Carolina	
US-SD	United States - South Dakota	
US-TN	United States - Tennessee	
US-TX	United States - Texas	
US-UT	United States - Utah	
US-VA	United States - Virginia	
US-VT	United States - Vermont	
US-WA	United States - Washington	

US-WI	United States - Wisconsin	
US-WV	United States - West Virginia	
US-WY	United States - Wyoming	

**LIO Lookup Table Values:**  
**POLITICAL\_SUBDIVISION\_LIST**

<b>POLITICAL SUBDIVISION CODE</b>	<b>DESCRIPTION</b>	<b>EXPIRY DATETIME</b>
CA-AB	Canada - Alberta	
CA-BC	Canada - British Columbia	
CA-MB	Canada - Manitoba	
CA-NB	Canada - New Brunswick	
CA-NL	Canada - Newfoundland and Labrador	
CA-NS	Canada - Nova Scotia	
CA-NT	Canada - Northwest Territories	
CA-NU	Canada - Nunavut	
CA-ON	Canada - Ontario	
CA-PE	Canada - Prince Edward Island	
CA-QC	Canada - Quebec	
CA-SK	Canada - Saskatchewan	
CA-YT	Canada - Yukon Territory	
US-AK	United States - Alaska	
US-AL	United States - Alabama	
US-AR	United States - Arkansas	
US-AZ	United States - Arizona	
US-CA	United States - California	
US-CO	United States - Colorado	
US-CT	United States - Connecticut	
US-DE	United States - Delaware	
US-FL	United States - Florida	
US-GA	United States - Georgia	
US-HI	United States - Hawaii	
US-IA	United States - Iowa	
US-ID	United States - Idaho	
US-IL	United States - Illinois	
US-IN	United States - Indiana	



US-KS	United States - Kansas	
US-KY	United States - Kentucky	
US-LA	United States - Louisiana	
US-MA	United States - Massachusetts	
US-MD	United States - Maryland	
US-ME	United States - Maine	
US-MI	United States - Michigan	
US-MN	United States - Minnesota	
US-MO	United States - Missouri	
US-MS	United States - Mississippi	
US-MT	United States - Montana	
US-NC	United States - North Carolina	
US-ND	United States - North Dakota	
US-NE	United States - Nebraska	
US-NH	United States - New Hampshire	
US-NJ	United States - New Jersey	
US-NM	United States - New Mexico	
US-NV	United States - Nevada	
US-NY	United States - New York	
US-OH	United States - Ohio	
US-OK	United States - Oklahoma	
US-OR	United States - Oregon	
US-PA	United States - Pennsylvania	
US-RI	United States - Rhode Island	
US-SC	United States - South Carolina	
US-SD	United States - South Dakota	
US-TN	United States - Tennessee	
US-TX	United States - Texas	
US-UT	United States - Utah	
US-VA	United States - Virginia	
US-VT	United States - Vermont	
US-WA	United States - Washington	

US-WI	United States - Wisconsin	
US-WV	United States - West Virginia	
US-WY	United States - Wyoming	

LIO Table Relationships for Class:

OHN - 100K Waterbody

OHN_100K_WATERBODY_FT	<p>←----- OHN_100K_WATERBODY_FT.WATERBODY_TYPE = OHN_SS_WATERBODY_TYPE_LIST.WATERBODY_TYPE</p>	OHN_SS_WATERBODY_TYPE_LIST
	<p>←----- OHN_100K_WATERBODY_FT.POLITICAL_SUBDIVISION_CODE = POLITICAL_SUBDIVISION_LIST.POLITICAL_SUBDIVISION_CODE</p>	POLITICAL_SUBDIVISION_LIST