GRCA Metadata

Name: **Sewage Treatment Plants**

Production

General Description

Full Name	SEWAGE_TREATMENT_PLANT
Abstract	Location of municipal and private sewage treatment plants within the Grand River Watershed. In most cases, the known or assumed location of the outfall into the watercourse is shown.
Feature Type	Point
Location	SDE_GRCA
Geographic Extent	GRCA Watershed
Maintenance Status	As Needed

Georeferencing and Accuracy

Horizontal Datum	North American Datum 1983 (EPSG: 6269)
Vertical Datum	Not Applicable
Spatial Projection	NAD83 UTM Zone 17N (EPSG: 26917)
Horizontal Accuracy	+/- 10 metres

Data Sources and Restrictions

Access Constraint	GRCA Open Data Licence v2
Use Constraint	None - in accordance with licence agreement
Citation	Produced using information under License with the Grand River Conservation Authority © Grand River Conservation Authority, 20** [** insert year of publication of IP].
Agency Originator	Grand River Conservation Authority (GRCA)
Agency Distributor	Grand River Conservation Authority (GRCA)
Online Link	https://data.grandriver.ca/downloads-geospatial.html
Methodology	Both location and attribute data about sites originated from an excel spreadsheet which was converted to a text file. Original coordinates were in UTM coordinates. A point coverage was created using Arc/Info's Generate command. Locations were verified, on screen, using 1:10 000 OBM as background.
Related Documents	Sewage Treatment Plant Characteristics - Internal Document () [internal]

Attributes

Full Name	Alias name	Description and Values
OBJECTID	Object ID	System-managed unique identifier
GR_FEATURE		Feature description
ST_PLANTNO		Sewage plant identifier
PLANT_NAME		Name of plant
MUNICPALTY		Name of municipality
REGION_NAME		Name of MoE Region
OPERATOR_NAME		The operator of the STP, typically municipalities contract out the operation of the plant to the Ontario Clean Water Agency.
DISTRCT_NAME		MOE District Office that the plant reports to
WATER_COURSE		Name of water course plant discharges to
CAPACITY		Rated capacity of the plant in 1000's of cubic metres/day
POPULATION_SERVED		Population served by plant

Full Name	Alias name	Description and Values
OWNERSHIP		Distinguishes municipal wastewater treatment plants from industrial or other types of treatment systems. • Inactive: Used to identify wastewater treatment plants that are no longer operating • Municipal: Identifies municipally owned wastewater treatment plants • Private: Privately owned treatment systems associated with industrial operations • Six Nations: The sewage treatment plant in Ohsweken
OWNER_CLASS		Generalization of OWNERSHIP between MUNICIPAL and NON-MUNICIPAL for cartographic purposes • Municipal:
C_OF_A_NUMBER		The MOE Certificate of Approval number for the operation of the wastewater treatment system
COMMENTS		
SHAPE	Shape	Feature Geometry

Update History, last 5 (yyyy-mm-dd)

2017-07-14	Data Update: Minor update to better reflect outfall locations.
2014-06-20	Data Update: Fixed spelling issues
2011-09-02	Data Update: Update
2010-10-28	Data Update: Update
2006-03-01	Data Update: Locations updated with 2000 orthoimagery

Contact Information

Contact	Director of Engineering

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