Corporate Production GIS Metadata

Kitchener GeoHub | Open Data Metadata Home

Layer Name: Storm_Catchbasins

General Information

Layer Name:	Storm_Catchbasins
# of Features:	15204
Status:	ACTIVE
Layer Source:	GIS_DATA.STM_CATCHBASIN
Layer Quality:	Good
Feature Accuracy:	+/- 1m
Type:	POINT
Description:	Inventory of storm water catch basins.
Projection:	NAD 83 UTM Zone 17N (EPSG 26917)
Disclaimer:	The City of Kitchener assumes no responsibility for the accuracy of the provided data. Any use of this information is done so at the users risk. Good survey practices must be applied when utilizing this information. The City of Kitchener and its partners have created this data for information purposes on an as-is and as available basis and is under no circumstances a substitute for a Legal Survey. The City does not make any representations or warranty, express or implied, concerning the accuracy, quality, likely results, or reliability of the use of the data. The City of Kitchener assumes no responsibility for any errors and is not liable for any damages of any kind resulting from the use of, or reliance on, the information and material contained in this layer. All information should be verified independently before being used or relied on. Users are encouraged to contact the City of Kitchener to ensure the accuracy of the information provided by Kitchener.

Source and Contraints

Source Map Label:	Storm Water Inlets: Development & Technical Services - Engineering Design Construction (Sept 2002), Corporate Services - Information Technology - GIS (2002 - current)
History:	August 2004 - Conversion of DGN files maintained by Engineering into SDE September 1 2004 - Conversion of attributes from MS Access database maintained by Engineering into SDE May 2005 QC of convered attributes August 2005 started updating layer based on Service Agreement: DTS - Engineering : Sanitary, Storm Drainage, Road Infrastructure, Sidewalk, Survey Monumentation. Please see Sevice Agreement for details
Original Source:	INS - Engineering
Original Source Process:	
Maintenance:	Service Agreement: DTS - Engineering : Sanitary, Storm Drainage, Road Infrastructure, Sidewalk, Survey Monumentation. Please see Sevice Agreement for details
Current Info Source:	Kitchener As-Builts
Outstanding Issues:	
Update Frequency:	CONTINUOUS

Data Fields & Domain Information

Storm_Catchbasins

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
OBJECTID	OBJECTID	NUMBER	ESRI system maintained integer field used to uniquely identify rows in tables in a geodatabase. Note that OBJECTIID values change upon export or import of the data and should not be used as a primary field for searching or identifying records.			
STMCATCHBASINID	Stmcatchbasinid	NUMBER	Database maintained field that permanently assigns a unique value for each record. This ID value should be the one referred to when identifying a record.			
STATUS	Status	VARCHAR2	Indicates the status of feature. A pick list is used for this field - contact GIS for pick list values.	GISStatus	ACTIVE	ACTIVE; HISTORIC; PLANNED; UNKNOWN
SOURCE	Source	NUMBER	GIS maintained field. Source EDRA (Electronic Document Registration Application) document number, or name of department or specific staff member that the information came from.			
SOURCE_DATE	Source Date	DATE	GIS maintained field. Date of the source document or information.			
ROADSEGMENTID	Roadsegment ID	NUMBER	Input by GIS staff. ROADSEGMENTID of the GIS_DATA.ROADSEGMENT layer feature that the sanitary manhole is associated with . A value of -1 indicates that the feature is not near a road. Roadsegments must have a CATEGORY value of 'HIGHWAY' , 'RAMP' , 'ROAD' , or 'ROUNDABOUT' and a STATUS value of 'ACTIVE' , 'PLANNED', or 'REGISTERED'.			
PARCELID	Parcel ID	NUMBER	Reference Parcel ID that the feature is located in. The value is either manually entered or generated from a spatial join process.			

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
QUARTER_GRID_ID	Quarter Grid ID	VARCHAR2	Input by GIS staff. Standard quarter grid.	GridQuarteredID		277-A; 407-C; 586-D; 587-A; 607-A; 607-B; 607-C; 607-D; 608-A; 608-B ...See GIS for a complete list...
ROADCONSTLIMITID	Road Construction Limit ID	NUMBER	This field is not being used at this time.			
UPDATE_BY	Update By	VARCHAR2	Database maintained field. Updates to the user name that most recently updated either an attribute or the geometry of the feature. Update takes place when the feature is created and/or changed.			
UPDATE_DATE	Update Date	DATE	Database maintained field. Updates to the current data/time when an attribute or the geometry of the feature is changed. Update takes place when the feature is created and/or changed.			
CREATE_BY	Create By	VARCHAR2	Database maintained field. Updates to the user name that created the feature. Update takes place when the feature is created.			
CREATE_DATE	Create Date	DATE	Database maintained field. Updates to the current data/time. Update takes place when the feature is created.			
TAG1	Tag1	VARCHAR2	Temporary location to store short term data for mapping purposes only.			
TAG2	Tag2	VARCHAR2	Temporary location to store short term data for mapping purposes only.			
TAG3	Tag3	VARCHAR2	Temporary location to store short term data for mapping purposes only.			
GIS_NOTES	Gis Notes	VARCHAR2	Open text field for outlining any problems or to highlight special characteristics of the feature specific to GIS.			
SHAPE	SHAPE	ST_GEOMETRY	ESRI system maintained field. Stores the geometry type and geometry of the feature.			

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
CATEGORY	Category	VARCHAR2	Provided through as-built plan or digital submission. Primary mapping field of the layer. Valid category values are:CATCH BASIN,CATCH BASIN MANHOLE,DITCH INLET CATCH BASIN,DOUBLE CATCH BASIN,DOUBLE SIDE INLET CATCH BASIN,FRENCH DRAIN,SIDE INLET CATCH BASIN,TO INPUT,UNKNOWN	StmCatchbasinCategory		CATCH BASIN; DITCH INLET CATCH BASIN; DOUBLE CATCH BASIN; DOUBLE DITCH INLET CATCH BASIN; DOUBLE SIDE INLET CATCH BASIN; FRENCH DRAIN; SIDE INLET CATCH BASIN
OWNERSHIP	Asset Owner	VARCHAR2	Asset Owner: Who owns the feature, Generally Government agencies such as CITY, REGION and MTO and private citizens and businesses shown as PUBLIC. This usually relates to the property the asset sits on.	OwnershipClass	KITCHENER	CAMBRIDGE; DUAL CITY AND REGION; DUAL CITY AND WRDSB; PRIVATE; REGION; SCHOOL BOARD; UNKNOWN; WATERLOO; WELLESLEY; WILMOT ...See GIS for a complete list...
WATERGRID	Water Grid ID	VARCHAR2	Input by GIS staff. Water grid.			
DEPTH	Depth (mm)	NUMBER	Provided through as-built plan or digital submission. Working depth.			
SUMP	Is a Sump Present	VARCHAR2	Provided through as-built plan or digital submission. Sump present indication.	YesNoLongOnly	YES	NO; YES
COVER_SHAPE	Cover Shape	VARCHAR2	Provided through as-built plan or digital submission. Cover shape.	StmCatchbasinCoverShape	SQUARE	RECTANGULAR; ROUND; SQUARE
COVER_TYPE	Cover Type	VARCHAR2	Provided through as-built plan or digital submission. Cover type.	StmCatchbasinCoverType	GRATE	GRATE; NONE; OPEN COVER; SIDE INLET
SUBDRAIN	Is a Sub-drain present	VARCHAR2	Provided through as-built plan or digital submission. Subdrain present indication.	YesNoLongOnly	NO	NO; YES
LEAD_INVERT	Lead Invert: Invert of outgoing pipe	NUMBER	Provided through as-built plan or digital submission. Invert of outgoing pipe.			
ELEVATION_TOP	Elevation (m) at Top of Cathcbasin	NUMBER	Provided through as-built plan or digital submission. Elevation at top.			
INSTALLATION_DATE	Installation Date	DATE	Date the feature was installed			
INSTALLATION_YEAR	Installation Year	NUMBER	Year the asset was installed. Usually a database maintained field.			

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
ACQUISITION	How did the city received or acquired the feature	VARCHAR2	Input by GIS staff. Identification of how the city received or acquired the feature. If the feature came through the subdivision process it is considered 'DONATED' and if not it is 'PURCHASED'	PSABAcquisition	DONATED	DONATED; PURCHASED
ENGINEERING_NOTES	Engineering Notes	VARCHAR2	Input by Engineering staff. Open text field for notes.			
ISSUE_NOTES	Issue Notes	VARCHAR2	Input by GIS staff. Open text field that is used to identify or list data issues of records.			
CONSULTANT	Name of consultant that submitted drawings	VARCHAR2	Provided through as-built plan or digital submission. Open text field used to indicate the consultant that submitted drawings using the digital submission process set up in 2011.			
SAN_SUB_DRAINAGE_AREA	San Sub Drainage Area	VARCHAR2	Input by GIS staff. Sanitary sub drainage area.	SanSubDrainageArea		BIEHN; BRIDGEPORT; LOWER SCHNEIDER - UPPER DOON; NONE; UNKNOWN; UPPER SCHNEIDER - SHOEMAKER DIRECT; UPPER SCHNEIDER - UPPER SCHNEIDER DIRECT; UPPER SCHNEIDER - VICTORIA; UPPER SCHNEIDER - VOISON; UPPER SCHNEIDER - WESTMOUNT DIRECT ...See GIS for a complete list...
PRIORITY_SNOW_CLEARING	Priority Snow Clearing Needed	VARCHAR2		YesNoOnly	N	No; Yes

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
CLEANOUT_CATEGORY	Type of Cleanout	VARCHAR2		StmCleanoutCategory	NA	COMMERCIAL OR INDUSTRIAL; DRAINAGE AREA; MATURE SUBDIVISION; NA; NEW SUBDIVISION; OLD SUBDIVISION
FISH_PLATE	Fish Plate Stamp on Catchbasin	VARCHAR2		YesNoOnly	N	No; Yes
LOCATION	Location	VARCHAR2	Open text field that describes the location of the feature in more detail.			
GENERAL_GRID	General Grid ID	VARCHAR2	Input by GIS staff. Standard grid.	GridStandardID		277; 563; 582; 583; 584; 585; 586; 587; 607; 608 ...See GIS for a complete list...
CB_INSERT	Are there any Catchbasin Inserts	VARCHAR2	Provided through as-built plan or digital submission. Identify the presence of any catchbasin inserts such as CB Shields etc.	YesNoOnly	N	No; Yes
LEGAL_ACCESS	Is there Legal Access	VARCHAR2		YesNoOnly	Y	No; Yes
PHYSICAL_ACCESS	Is there Physical Access	VARCHAR2		YesNoOnly	Y	No; Yes

*Layer Quality:
SCHEMATIC - spatial representation of features are not to scale and not in accurate relative position to other features on other layers.
GENERALIZED - position of features are approximate, should not be used in conjunction with base layers (parcel fabric or Ortho-imagery)
GOOD - position of features are usually based on relative position to base layers (Ortho-imagery or parcel fabric)

Note: Dataset may not include all fields: Open Data layers will only include fields approved for sharing as open data

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