



Corporate Production GIS Metadata

[Kitchener GeoHub](#)

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Layer Name: Sanitary_Service_Pipe

General Information

Layer Name:	Sanitary_Service_Pipe
# of Features:	66207
Status:	ACTIVE
Layer Source:	GIS_DATA.SAN_SERVICE_PIPE
Layer Quality:	Good
Feature Accuracy:	+/- 1m
Type:	POLYLINE
Description:	Inventory of the sanitary Service pipes
Projection:	NAD 83 UTM Zone 17N (EPSG 26917)
Disclaimer:	<p>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.</p>

Source and Contraints

Source Map Label:	San Service Pipe: Corporate Services - Technology Innovation and Services - GDA (Current)
History:	
Original Source:	INS - Engineering

Original Source Process:	
Maintenance:	
Current Info Source:	
Outstanding Issues:	
Update Frequency:	CONTINUOUS

Data Fields & Domain Information

Sanitary_Service_Pipe

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 OBJECTID values change upon export or import of the data and should not be used as a primary field for searching or identifying records.			
SANSERVICEPIPEID	Sanservicepipe ID	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.			
CREATE_DATE	Create Date	DATE	Database maintained field. Updates to the current data/time. Update takes place when the feature is created.			

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
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.			
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.			
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.			
STATUS	Status	VARCHAR2	Indicates the status of feature. A pick list is used for this field - contact GIS for pick list values.	SanStmServicePipeStatus	ACTIVE	ACTIVE; ESTIMATED LOCATION; UNKNOWN
STATUS_DATE	Status Date	DATE	Database maintained field. Updates to the current date/time when the STATUS field value is changed.			

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
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.			
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
MATERIAL	Material	VARCHAR2	<p>Provided through as-built plan or digital submission. Material that the sanitary pipe is composed of. Values are codes. The following uses the key 'CODE' ('DESCRIPTION'). The default value is 'X' ('X - TO INPUT'). Valid values are 'AC' ('AC - ASBESTOS CEMENT'), 'CLAY' ('CLAY'), 'CP' ('CP - CONCRETE PIPE'), 'HDPE' ('HDPE - HIGH DENSITY POLYETHYLENE'), 'PVC' ('PVC - POLYVINYL CHLORIDE'), 'RCP' ('RCP - REINFORCED CONCETE PIPE'). The value 'XXX' ('XXX - UNKNOWN') indicates that the subtype of the valve was not given or is unknown.</p>	SanServiceMaterial	PVC	<p>AC - ASBESTOS CEMENT; CLAY; CP - CONCRETE; HDPE - HIGH DENSITY POLYETHYLENE; HDPE/PVC - HIGH DENSITY POLYETHYLENE AND POLYVINYL CHLORIDE; PVC - POLYVINYL CHLORIDE; RCP - REINFORCED CONCETE PIPE</p>

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
DIAMETER	Diameter: Inside cross-sectional width (mm)	NUMBER	Provided through as-built plan or digital submission. Inside cross-sectional width of the sanitary service pipe in millimetres. The default value is '0'. Valid values are '25', '50', '75', '100', '125', '150', '175', '200', '225', '250', '275', '300'. A value of -2 indicates that the width was not given or is unknown.	SanDiameter	100	0; 125; 150; 175; 200; 225; 25; 250; 275; 300 ...See GIS for a complete list...
INSTALLATION_DATE	Installation Date	DATE	Date the feature was installed			
ENGINEERING_NOTES	Engineering Notes	VARCHAR2	Input by Engineering staff. Open text field for notes.			
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.			
OWNERSHIP	Ownership	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...

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
INSTALLATION_YEAR	Installation Year	NUMBER	Year the asset was installed. Usually a database maintained field.			
LINER_YEAR	Year Liner Installed	NUMBER				
CAPPED	Is the service capped?	VARCHAR2		YesNoLong	NO	NO; UNKNOWN; 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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City of Kitchener Corporate Database