



Corporate Production GIS Metadata

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Layer Name: Water_Service_Pipes

General Information

Layer Name:	Water_Service_Pipes
# of Features:	71432
Status:	ACTIVE
Layer Source:	GIS_DATA.WAT_SERVICE_PIPE
Layer Quality:	Good
Feature Accuracy:	+/- 2m
Type:	POLYLINE
Description:	Inventory of all water 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:	Water Service Pipe: Corporate Services - Technology Innovation and Services - Geospatial Data and Analytics (Current to date of printing)
History:	
Original Source:	INS - Utilities
Original Source Process:	
Maintenance:	
Current Info Source:	
Outstanding Issues:	

Data Fields & Domain Information

Water_Service_Pipes

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.			
WATSERVICEPIPEID	Watservicepipeid	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_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.			
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.			

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
STATUS	Status	VARCHAR2	Indicates the status of feature. A pick list is used for this field - contact GIS for pick list values.	GISStatusAbandoned	ACTIVE	ABANDONED; ACTIVE; UNKNOWN
STATUS_DATE	Status Date	DATE	Database maintained field. Updates to the current date/time when the STATUS field value is changed.			
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.			
CATEGORY	Category	VARCHAR2	Primary mapping field of the layer. Valid category values are:ADDRESS,HYDRANT	WatServiceCategory		ADDRESS; HYDRANT; UNKNOWN
REL_WATERMAINID	Rel Watermainid	NUMBER				
PROPERTY_UNIT_ID	Property Unit Id	NUMBER				
TAG1	Tag1	VARCHAR2	Temporary location to store short term data for mapping purposes only.			
SHAPE	SHAPE	ST_GEOMETRY	ESRI system maintained field. Stores the geometry type and geometry of the feature.			
MAPPED_FROM	Mapped From	VARCHAR2		WatServPipeMappedFrom		CORRECT LOC PENDING; ESTIMATED LOCATION; FROM CONSTRUCTION; FROM LOCATE; UNKNOWN
DIAMETER	Diameter in mm	NUMBER		WatServiceDiameter	0	0; 100; 150; 200; 250; 300; 32; 38; 50; 75 ...See GIS for a complete list...

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
MATERIAL	Material	VARCHAR2		WatServPipeMaterial	XXX	AC - ASBESTOS CEMENT; PE - POLYETHYLENE; PE IN CI - POLYETHYLENE IN CAST IRON; PEX - CROSS LINKED POLYETHYLENE; PVC - POLYVINYL CHLORIDE; PVCB - POLYVINYL CHLORIDE BIONAX; PVCF - POLYVINYL CHLORIDE FUSIBLE; PVCO - POLYVINYL CHLORINE ORIENTATED; ST - STEEL; XXX - UNKNOWN ...See GIS for a complete list...
VALVE_TURNS	Valve Turns	NUMBER				
VALVE_LEFT	Valve Left	VARCHAR2		GISOpenClosed	U	C - CLOSED; O - OPEN; U - UNKNOWN
INSTALLATION_DATE	Installation Date	DATE	Date the feature was installed			
KU_NOTES	Ku Notes	VARCHAR2	Input by Utilities staff. Open text field for notes.			
ENGINEERING_NOTES	Engineering Notes	VARCHAR2	Input by Engineering staff. Open text field for notes.			
CONSULTANT	Consultant	VARCHAR2				
PARCELID	Parcelid	NUMBER	Reference Parcel ID that the feature is located in. The value is either manually entered or generated from a spatial join process.			
LIVE_NOT_CONNECTED	Live not connected	VARCHAR2		YesNo	N	N - NO; U - UNKNOWN; Y - 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