



Corporate Production GIS Metadata

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Layer Name: Gas_Service_Valve

General Information

Layer Name:	Gas_Service_Valve
# of Features:	2094
Status:	ACTIVE
Layer Source:	GIS_DATA.GAS_SERVICE_VALVE
Layer Quality:	Good
Feature Accuracy:	+/- 2m
Type:	POINT
Description:	Inventory of all gas service valves.
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:	Gas Service Valve: Corporate Services - Technology Innovation and Services - GDA (Current)
History:	
Original Source:	INS - Utilities
Original Source Process:	
Maintenance:	
Current Info Source:	
Outstanding Issues:	
Update Frequency:	CONTINUOUS

Data Fields & Domain Information

Gas_Service_Valve

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.			
GASSERVICEVALVEID	Gasservicevalveid	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.			
ROTATION	Rotation	NUMBER				
REL_GASSERVICEPIPEID	Rel Gasservicepipeid	NUMBER				

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.			
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
SOURCE_DATE	Source Date	DATE	GIS maintained field. Date of the source document or information.			
STATUS	Status	VARCHAR2	Indicates the status of feature. A pick list is used for this field - contact GIS for pick list values.	GasStatus	ACTIVE	ACTIVE; DEACTIVATED; PLANNED; UNKNOWN
STATUS_DATE	Status Date	DATE	Database maintained field. Updates to the current date/time when the STATUS field value is changed.			
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.			

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.			
VALVE_NUM	Valve Num	VARCHAR2				
TYPE	Type	VARCHAR2		GasValveType		BALL; GEARED; PLUG; UNKNOWN
SUBTYPE	Subtype	VARCHAR2		GasValveSubtype	WITH STOP	NO STOP; NO STOPS CLOSED; NO STOPS OPEN; UNKNOWN; WITH STOP
MANUFACTURER	Manufacturer	VARCHAR2		GasServiceValveManufacturer	POLYVALVE LLC	BROAN; CRANE; GROVE; MUELLER; NEWMAN; NORDSTROM; POLYVALVE LLC; ROCKWELL; RuB; UNKNOWN ...See GIS for a complete list...
MODEL	Model	VARCHAR2		GasServiceValveModel		3E; D2513; H11175; H11405; H11406; H11435; H11445; H17501; S80; UNKNOWN ...See GIS for a complete list...

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
MATERIAL	Material	VARCHAR2		GasServiceValveMaterial	PLASTIC	BRASS; PLASTIC; STEEL; UNKNOWN
INSTALLATION_DATE	Installation Date	DATE	Date the feature was installed			
VALVE_LEFT	Valve Left	VARCHAR2		GISOpenClosed	U	C - CLOSED; O - OPEN; U - UNKNOWN
VALVE_KEY	Valve Key	VARCHAR2		GasValveKey	U	F - FORK KEY; HW - HANDWHEEL; L - LUBRICATED PLUG VALVE REQUIRING 2" SQ. KEY (4" NORD OR LARGER); LO - LONG KEY REQUIRED FOR LUBRICATED PLUG VALVE; M - PLUG VALVE REQUIRING SLOTTED MUELLER KEY (2" MUELLER OR SMALLER); PL - PLASTIC VALVE REQUIRING 2" SQ. KEY (2" OR 4" POLYVALVE); PM - PLASTIC VALVE REQUIRING SLOTTED MUELLER KEY (1" OR 1/4" POLYVALVE); U - UNKNOWN; W - WRENCH

Column Name	Alias	Data Type	Comments	Domain Name	Default value	Domain Values
BOX_TYPE	Box Type	VARCHAR2		GasValveBoxType		334; 445; 558; 668; ABOVE GRADE; BURIED; CHAMBER; KG3; STEEL; UNKNOWN
HARD_TO_OPERATE	Hard To Operate	VARCHAR2		YesNo	N	N - NO; U - UNKNOWN; Y - YES
KU_NOTES	Ku Notes	VARCHAR2				
URNS	Turns	NUMBER				
GENERAL_GRID	General Grid	VARCHAR2		GridStandardID		277; 563; 582; 583; 584; 585; 586; 587; 607; 608 ...See GIS for a complete list...
QUARTER_GRID	Quarter Grid	VARCHAR2		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...
LRT_HAZARD_ZONE	Lrt Hazard Zone	VARCHAR2		LrtHazardZone	NONE	BUFFER; NONE; ROAD LRT; ZONE A; ZONE B
VALVE_SIZE	Valve Size	NUMBER		GasMainSize	0	0; 100; 150; 200; 250; 300; 38; 400; 50; 75 ...See GIS for a complete list...
OPERATING_CHECK_AREA	Operating check area	VARCHAR2		GasValveOperatingCheckArea	0	0; 1; 2; 3; 4

***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