

The following table provides Halifax Water GIS feature codes and descriptions. The polylines provided are appropriate to GIS only, not the CAD environment. Halifax Water linear infrastructure is managed by Layer in the CAD environment. The distinction of existing, proposed, public, and private infrastructure is also managed in the CAD environment through the use of Layers. Halifax Water's standard DWG file and plot style file are available upon request. Similarly the Halifax Water ESRI style files for distribution and collection GIS features are also available upon request.

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
COLLECTION SYSTEM - Anode (Point Features)			
SWHA	Anode	Point/Block	Anode
COLLECTION SYSTEM - Casing (Polyline Features)			
SWCA	Casing	Polyline	Casing
COLLECTION SYSTEM - Cathodic Protection Test Station (Point Features)			
SWTSTCA	Cathodic Protection Test Station	Point/Block	CathProtTestStation
COLLECTION SYSTEM - Chambers (Point Features)			
SWDCCO	Combined Diversion Chamber	Point/Block	Chamber
SWDCSA	Wastewater Diversion Chamber	Point/Block	Chamber
SWDCST	Stormwater Diversion Chamber	Point/Block	Chamber
SWDCUK	Unknown Diversion Chamber	Point/Block	Chamber
SWDPCO	Combined Diversion Point	Point/Block	Chamber
SWDPSA	Wastewater Diversion Point	Point/Block	Chamber
SWDPST	Stormwater Diversion Point	Point/Block	Chamber
SWDPUK	Unknown Diversion Point	Point/Block	Chamber
SWVCCO	Combined Force Main Valve Chamber	Point/Block	Chamber
SWVCSA	Wastewater Force Main Valve Chamber	Point/Block	Chamber
SWVCST	Stormwater Force Main Valve Chamber	Point/Block	Chamber
SWVCUK	Unknown Force Main Valve Chamber	Point/Block	Chamber
SWJCCO	Combined Junction Chamber	Point/Block	Chamber
SWJCSA	Wastewater Junction Chamber	Point/Block	Chamber
SWJCST	Stormwater Junction Chamber	Point/Block	Chamber
SWJCUK	Unknown Junction Chamber	Point/Block	Chamber
SWPCCO	Combined Pump Chamber	Point/Block	Chamber
SWPCSA	Wastewater Pump Chamber	Point/Block	Chamber
SWPCST	Stormwater Pump Chamber	Point/Block	Chamber
SWPCUK	Unknown Pump Chamber	Point/Block	Chamber
SWRCCO	Combined Regulating Chamber	Point/Block	Chamber
SWRCSA	Wastewater Regulating Chamber	Point/Block	Chamber
SWRCST	Stormwater Regulating Chamber	Point/Block	Chamber
SWRCUK	Unknown Regulating Chamber	Point/Block	Chamber
SWPTUSA	Wastewater Pre-Treatment Unit	Point/Block	Chamber
SWTU	Stormwater Treatment Unit	Point/Block	Chamber
SWTCCO	Combined Tide Chamber	Point/Block	Chamber
SWTCSA	Wastewater Tide Chamber	Point/Block	Chamber
SWTCST	Stormwater Tide Chamber	Point/Block	Chamber
SWTCUK	Unknown Tide Chamber	Point/Block	Chamber
COLLECTION SYSTEM - Combined Sewer Overflow Structure (Point Features)			
SWCSO	CSO Structure	Point/Block	CSOStructure
COLLECTION SYSTEM - Control Structure (Point Features)			
SWCTLSTR	Control Structure	Point/Block	ControlStructure

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
COLLECTION SYSTEM - Curb and Corp Stops (Point Features)			
SWCOVLCS	Combined Corp Stop	Point/Block	CurbCorpStop
SWSAVLCS	Wastewater Corp Stop	Point/Block	CurbCorpStop
SWSTVLCS	Stormwater Corp Stop	Point/Block	CurbCorpStop
SWUKVLCS	Unknown Corp Stop	Point/Block	CurbCorpStop
SWCOVLSD	Combined Curb Stop	Point/Block	CurbCorpStop
SWSAVLSD	Wastewater Curb Stop	Point/Block	CurbCorpStop
SWSTVLSD	Stormwater Curb Stop	Point/Block	CurbCorpStop
SWUKVLSD	Unknown Curb Stop	Point/Block	CurbCorpStop
COLLECTION SYSTEM - Ditches (Polyline Features)			
DITCH	Ditch	Polyline	Ditch
COLLECTION SYSTEM - Fittings (Point Features)			
SWCOFTBD	Combined Bend	Point/Block	Fitting
SWSAFTBD	Wastewater Bend	Point/Block	Fitting
SWSTFTBD	Stormwater Bend	Point/Block	Fitting
SWUKFTBD	Unknown Bend	Point/Block	Fitting
SWCOFTCAP	Combined Cap	Point/Block	Fitting
SWSAFTCAP	Wastewater Cap	Point/Block	Fitting
SWSTFTCAP	Stormwater Cap	Point/Block	Fitting
SWUKFTCAP	Unknown Cap	Point/Block	Fitting
SWCOFTCO	Combined Cleanout	Point/Block	Fitting
SWSAFTCO	Wastewater Cleanout	Point/Block	Fitting
SWSTFTCO	Stormwater Cleanout	Point/Block	Fitting
SWUKFTCO	Unknown Cleanout	Point/Block	Fitting
SWCOFTCP	Combined Coupling	Point/Block	Fitting
SWSAFTCP	Wastewater Coupling	Point/Block	Fitting
SWSTFTCP	Stormwater Coupling	Point/Block	Fitting
SWUKFTCP	Unknown Coupling	Point/Block	Fitting
SWCOFTERD	Combined Eccentric Reducer	Point/Block	Fitting
SWSAFTERD	Wastewater Eccentric Reducer	Point/Block	Fitting
SWSTFTERD	Stormwater Eccentric Reducer	Point/Block	Fitting
SWUKFTERD	Unknown Eccentric Reducer	Point/Block	Fitting
SWCOFTFJ	Combined Flex Joint	Point/Block	Fitting
SWSAFTFJ	Wastewater Flex Joint	Point/Block	Fitting
SWSTFTFJ	Stormwater Flex Joint	Point/Block	Fitting
SWUKFTFJ	Unknown Flex Joint	Point/Block	Fitting
SWCOFTFCP	Combined Flexible Coupling	Point/Block	Fitting
SWSAFTFCP	Wastewater Flexible Coupling	Point/Block	Fitting
SWSTFTFCP	Stormwater Flexible Coupling	Point/Block	Fitting
SWUKFTFCP	Unknown Flexible Coupling	Point/Block	Fitting
SWCOFTGVC	Combined Grouted Connection	Point/Block	Fitting
SWSAFTGVC	Wastewater Grouted Connection	Point/Block	Fitting
SWSTFTGVC	Stormwater Grouted Connection	Point/Block	Fitting
SWUKFTGVC	Unknown Grouted Connection	Point/Block	Fitting
SWCOFTLRB	Combined Long Radius Bend	Point/Block	Fitting
SWSAFTLRB	Wastewater Long Radius Bend	Point/Block	Fitting
SWSTFTLRB	Stormwater Long Radius Bend	Point/Block	Fitting
SWUKFTLRB	Unknown Long Radius Bend	Point/Block	Fitting
SWCOFTMJR	Combined Mechanical Joint Restraint	Point/Block	Fitting
SWSAFTMJR	Wastewater Mechanical Joint Restraint	Point/Block	Fitting
SWSTFTMJR	Stormwater Mechanical Joint Restraint	Point/Block	Fitting
SWUKFTMJR	Unknown Mechanical Joint Restraint	Point/Block	Fitting
SWCOFTRD	Combined Reducer	Point/Block	Fitting
SWSAFTRD	Wastewater Reducer	Point/Block	Fitting

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
SWSTFRD	Stormwater Reducer	Point/Block	Fitting
SWUKFRD	Unknown Reducer	Point/Block	Fitting
SWCOFTSAD	Combined Saddle	Point/Block	Fitting
SWSAFTSAD	Wastewater Saddle	Point/Block	Fitting
SWSTFTSAD	Stormwater Saddle	Point/Block	Fitting
SWUKFTSAD	Unknown Saddle	Point/Block	Fitting
SWCOFTTAP	Combined Tap	Point/Block	Fitting
SWSAFTTAP	Wastewater Tap	Point/Block	Fitting
SWSTFTTAP	Stormwater Tap	Point/Block	Fitting
SWUKFTTAP	Unknown Tap	Point/Block	Fitting
SWCOFTTE	Combined Tee	Point/Block	Fitting
SWSAFTTE	Wastewater Tee	Point/Block	Fitting
SWSTFTTE	Stormwater Tee	Point/Block	Fitting
SWUKFTTE	Unknown Tee	Point/Block	Fitting
SWSV	Vent	Point/Block	Fitting
SWCOFTWY	Combined Wye	Point/Block	Fitting
SWSAFTWY	Wastewater Wye	Point/Block	Fitting
SWSTFTWY	Stormwater Wye	Point/Block	Fitting
SWUKFTWY	Unknown Wye	Point/Block	Fitting
COLLECTION SYSTEM - Force Main Flow Meters (Point Features)			
SWFFM	Force Main Flow Meter	Point/Block	ForceMainMeter
COLLECTION SYSTEM - Gravity Flow Meters (Point Features)			
SWGFM	Gravity Flow Meter	Point/Block	GravityMeter
COLLECTION SYSTEM - Headwalls (Point Features)			
SWHW	Headwall	Point/Block	Headwall
COLLECTION SYSTEM - Holding Tanks (Point Features)			
SWHRTCO	Combined Heat Recovery Tank	Point/Block	HoldingTank
SWHRTSA	Wastewater Heat Recovery Tank	Point/Block	HoldingTank
SWHRTUK	Unknown Heat Recovery Tank	Point/Block	HoldingTank
SWHTCO	Combined Holding Tank	Point/Block	HoldingTank
SWHTSA	Wastewater Holding Tank	Point/Block	HoldingTank
SWHTUK	Unknown Holding Tank	Point/Block	HoldingTank
SWOTCO	Combined Overflow Tank	Point/Block	HoldingTank
SWOTSA	Wastewater Overflow Tank	Point/Block	HoldingTank
SWOTUK	Unknown Overflow Tank	Point/Block	HoldingTank
COLLECTION SYSTEM - Inlets (Point Features)			
SWCB	Catchbasin	Point/Block	Inlet
SWCBDB	Double Catchbasin	Point/Block	Inlet
SWCBTR	Triple Catchbasin	Point/Block	Inlet
COLLECTION SYSTEM - Insulation (Polyline Features)			
SWCS	Concrete Slab (Collection System)	Polyline	Insulation
SWPIP	Pre-Insulated Pipe	Polyline	Insulation
SWSI	Styrofoam Sheet	Polyline	Insulation
COLLECTION SYSTEM - Lateral Pipes (Polyline Features)			
SWLACO	Combined Lateral Pipe	Polyline	Lateral
SWLASA	Wastewater Lateral Pipe	Polyline	Lateral
SWLAST	Stormwater Lateral Pipe	Polyline	Lateral
SWLAUK	Unknown Lateral Pipe	Polyline	Lateral
COLLECTION SYSTEM - Linings (Polyline Features)			
SWCOLN	Combined Lining	Polyline	Lining
SWSALN	Wastewater Lining	Polyline	Lining
SWSTLN	Stormwater Lining	Polyline	Lining
SWUKLN	Unknown Lining	Polyline	Lining

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
COLLECTION SYSTEM - Manholes (Point Features)			
SWMHCO	Combined Manhole	Point/Block	Manhole
SWMHSA	Wastewater Manhole	Point/Block	Manhole
SWMHST	Stormwater Manhole	Point/Block	Manhole
SWMHUK	Unknown Manhole	Point/Block	Manhole
COLLECTION SYSTEM - Outfalls (Point Features)			
SWOFCO	Combined Outfall	Point/Block	Outfall
SWOFSA	Wastewater Outfall	Point/Block	Outfall
SWOFST	Stormwater Outfall	Point/Block	Outfall
SWOFUK	Unknown Outfall	Point/Block	Outfall
COLLECTION SYSTEM - Pipes (Polyline Features)			
SWCU	Culvert Invert	Polyline	Pipe
SWDR	Drain	Polyline	Pipe
SWFMCO	Combined Force Main	Polyline	Pipe
SWFMISA	Wastewater Force Main	Polyline	Pipe
SWFMST	Stormwater Force Main	Polyline	Pipe
SWFMUK	Unknown Force Main	Polyline	Pipe
SWGPCO	Combined Gravity Pressure Pipe	Polyline	Pipe
SWGISA	Wastewater Gravity Pressure Pipe	Polyline	Pipe
SWGST	Stormwater Gravity Pressure Pipe	Polyline	Pipe
SWGUK	Unknown Gravity Pressure Pipe	Polyline	Pipe
SWPPCO	Combined Pressure Pipe	Polyline	Pipe
SWPPISA	Wastewater Pressure Pipe	Polyline	Pipe
SWPPST	Stormwater Pressure Pipe	Polyline	Pipe
SWPPUK	Unknown Pressure Pipe	Polyline	Pipe
SWISCO	Combined Inverted Siphon	Polyline	Pipe
SWISSA	Wastewater Inverted Siphon	Polyline	Pipe
SWISST	Stormwater Inverted Siphon	Polyline	Pipe
SWISUK	Unknown Inverted Siphon	Polyline	Pipe
SWPCL	Catchbasin Lead	Polyline	Pipe
SWPICO	Combined Pipe	Polyline	Pipe
SWPISA	Wastewater Pipe	Polyline	Pipe
SWPIST	Stormwater Pipe	Polyline	Pipe
SWPIUK	Unknown Pipe	Polyline	Pipe
COLLECTION SYSTEM - Pump (Point Features)			
SWPUMP	Sewer Pump	Point/Block	Pump
COLLECTION SYSTEM - Pumping Stations (Point Features)			
SWPSCO	Combined Pumping Station	Point/Block	PumpingStation
SWPSSA	Wastewater Pumping Station	Point/Block	PumpingStation
SWPST	Stormwater Pumping Station	Point/Block	PumpingStation
SWPSUK	Unknown Pumping Station	Point/Block	PumpingStation
COLLECTION SYSTEM - Rain Gauges (Point Features)			
SWRG	Rain Gauge	Point/Block	RainGauge
COLLECTION SYSTEM - Stormwater Management Structure (Point Features)			
SWSTMS	Stormwater Management Structure	Point/Block	StormMgmtStructure
COLLECTION SYSTEM - Tracewire Access Points (Point Features)			
SWTWA	Tracewire Access Point	Point/Block	TracewireAccess
COLLECTION SYSTEM - Treatment Facilities (Point Features)			
SWTP	Wastewater Treatment Facility	Point/Block	TreatmentFacility
COLLECTION SYSTEM - Valves (Point Features)			
SWAVCO	Combined Air Release Valve	Point/Block	Valve
SWAVISA	Wastewater Air Release Valve	Point/Block	Valve
SWAVST	Stormwater Air Release Valve	Point/Block	Valve
SWAVUK	Unknown Air Release Valve	Point/Block	Valve

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
SWCOVLAL	Combined Altitude Valve	Point/Block	Valve
SWSAVLAL	Wastewater Altitude Valve	Point/Block	Valve
SWSTVLAL	Stormwater Altitude Valve	Point/Block	Valve
SWUKVLAL	Unknown Altitude Valve	Point/Block	Valve
SWCOVLBL	Combined Ball Valve	Point/Block	Valve
SWSAVLBL	Wastewater Ball Valve	Point/Block	Valve
SWSTVLBL	Stormwater Ball Valve	Point/Block	Valve
SWUKVLBL	Unknown Ball Valve	Point/Block	Valve
SWCOVLBF	Combined Butterfly Valve	Point/Block	Valve
SWSAVLBF	Wastewater Butterfly Valve	Point/Block	Valve
SWSTVLBF	Stormwater Butterfly Valve	Point/Block	Valve
SWUKVLBF	Unknown Butterfly Valve	Point/Block	Valve
SWCOVLCK	Combined Check Valve	Point/Block	Valve
SWSAVLCK	Wastewater Check Valve	Point/Block	Valve
SWSTVLCK	Stormwater Check Valve	Point/Block	Valve
SWUKVLCK	Unknown Check Valve	Point/Block	Valve
SWCOVLC	Combined Cone Valve	Point/Block	Valve
SWSAVLC	Wastewater Cone Valve	Point/Block	Valve
SWSTVLC	Stormwater Cone Valve	Point/Block	Valve
SWUKVLC	Unknown Cone Valve	Point/Block	Valve
SWCOVLDR	Combined Drain Valve	Point/Block	Valve
SWSAVLDR	Wastewater Drain Valve	Point/Block	Valve
SWSTVLDR	Stormwater Drain Valve	Point/Block	Valve
SWUKVLDR	Unknown Drain Valve	Point/Block	Valve
SWCOVLGA	Combined Gate Valve	Point/Block	Valve
SWSAVLGA	Wastewater Gate Valve	Point/Block	Valve
SWSTVLGA	Stormwater Gate Valve	Point/Block	Valve
SWUKVLGA	Unknown Gate Valve	Point/Block	Valve
SWCOVLPG	Combined Plug Valve	Point/Block	Valve
SWSAVLPG	Wastewater Plug Valve	Point/Block	Valve
SWSTVLPG	Stormwater Plug Valve	Point/Block	Valve
SWUKVLPG	Unknown Plug Valve	Point/Block	Valve
SWCOVLPRL	Combined Pressure Release Valve	Point/Block	Valve
SWSAVLPRL	Wastewater Pressure Release Valve	Point/Block	Valve
SWSTVLPRL	Stormwater Pressure Release Valve	Point/Block	Valve
SWUKVLPRL	Unknown Pressure Release Valve	Point/Block	Valve
SWCOVLSR	Combined Surge Relief Valve	Point/Block	Valve
SWSAVLSR	Wastewater Surge Relief Valve	Point/Block	Valve
SWSTVLSR	Stormwater Surge Relief Valve	Point/Block	Valve
SWUKVLSR	Unknown Surge Relief Valve	Point/Block	Valve
SWCOVL	Combined Valve	Point/Block	Valve
SWSAVL	Wastewater Valve	Point/Block	Valve
SWSTVL	Stormwater Valve	Point/Block	Valve
SWUKVL	Unknown Valve	Point/Block	Valve
COLLECTION SYSTEM - Vent Lines (Polyline Features)			
SWSVL	Vent Line	Polyline	VentLine
OTHER COLLECTION SYSTEM - Other Collection System Features (Point/Polyline Features)			
XXX	Dye Test End Point	Point	DyetestEndpoint
XXX	Dye Test Start Point	Point	DyetestStartpoint
XXX	Flood Event	Point	FloodEvent
XXX	Identified Deficiency (Pipes/Laterals)	Point	IdentifiedDefPacp
XXX	Stormwater/Wastewater Service Point	Point	ServicePoint
XXX	Wastewater Billing Type	Point	ServicePoint
XXX	Smoke Test End Point	Point	SmoketestEndpoint

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
XXX	Berm	Point	StormMgmtStructure
XXX	Constructed Wetland	Point	StormMgmtStructure
XXX	Dry Pond	Point	StormMgmtStructure
XXX	Lake	Point	StormMgmtStructure
XXX	Other Stormwater Management Structure (No Remarks)	Point	StormMgmtStructure
XXX	Other Stormwater Management Structure (See Remarks)	Point	StormMgmtStructure
XXX	Oversize Pipe	Point	StormMgmtStructure
XXX	Underground Storage	Point	StormMgmtStructure
XXX	Wet Pond	Point	StormMgmtStructure
XXX	Wet Weather Overflow Location	Point	WetweatherOverflow
XXX	CCTV Line	Polyline	CctvLine
XXX	Tracewire	Polyline	Tracewire
DISTRIBUTION SYSTEM - Water Anodes (Point Features)			
WCHA	Hynode Anode	Point/Block	WaterAnode
DISTRIBUTION SYSTEM - Pipe Cleaning and Lining (Polyline Features)			
WCCL	Cleaning & Lining	Polyline	WaterCleaningLining
WCCN	Cleaned Pipe	Polyline	WaterCleaningLining
DISTRIBUTION SYSTEM - Water Fittings (Point Features)			
WCADP	Adaptor	Point/Block	WaterFitting
WCCH11H	11.25 Chamber Horizontal Bend	Point/Block	WaterFitting
WCCH11V	11.25 Chamber Vertical Bend	Point/Block	WaterFitting
WCCH22H	22.5 Chamber Horizontal Bend	Point/Block	WaterFitting
WCCH22V	22.5 Chamber Vertical Bend	Point/Block	WaterFitting
WCCH45H	45 Chamber Horizontal Bend	Point/Block	WaterFitting
WCCH45V	45 Chamber Vertical Bend	Point/Block	WaterFitting
WCCH90H	90 Chamber Horizontal Bend	Point/Block	WaterFitting
WCCH90V	90 Chamber Vertical Bend	Point/Block	WaterFitting
WCCHADP	Chamber Adaptor	Point/Block	WaterFitting
WCCHCPCM	Chamber Compression Coupling	Point/Block	WaterFitting
WCCHCPRD	Chamber Reducer Coupling	Point/Block	WaterFitting
WCCHCPVT	Chamber Victaulic Coupling	Point/Block	WaterFitting
WCCHFA	Chamber Flow Arrow	Point/Block	WaterFitting
WCCHFM	Chamber Flow Meter	Point/Block	WaterFitting
WCCHFTBD	Chamber Bend	Point/Block	WaterFitting
WCCHFTBF	Chamber Blind Flange	Point/Block	WaterFitting
WCCHFTCAP	Chamber Cap	Point/Block	WaterFitting
WCCHFTCP	Chamber Coupling	Point/Block	WaterFitting
WCCHFTCR	Chamber Cross	Point/Block	WaterFitting
WCCHFTPG	Chamber Plug	Point/Block	WaterFitting
WCCHFTRD	Chamber Reducer	Point/Block	WaterFitting
WCCHFTSL	Chamber Sleeve	Point/Block	WaterFitting
WCCHFTTE	Chamber Tee	Point/Block	WaterFitting
WCCHFTTS	Chamber Tapping Sleeve	Point/Block	WaterFitting
WCCHFTWY	Chamber Wye	Point/Block	WaterFitting
WCCHFTWY2	Chamber Wye Left	Point/Block	WaterFitting
WCCHMP	Test Meter Pit	Point/Block	WaterFitting
WCCHSTR	Chamber Strainer	Point/Block	WaterFitting
WCCHVT	Chamber Vent	Point/Block	WaterFitting
WCDT	Denso Tape	Point/Block	WaterFitting
WCFM	Flow Meter	Point/Block	WaterFitting
WCFTBD	Bend	Point/Block	WaterFitting
WCFTBD11H	11.25 Horizontal Bend	Point/Block	WaterFitting

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
WCFTBD11V	11.25 Vertical Bend	Point/Block	WaterFitting
WCFTBD22H	22.5 Horizontal Bend	Point/Block	WaterFitting
WCFTBD22V	22.5 Vertical Bend	Point/Block	WaterFitting
WCFTBD45H	45 Horizontal Bend	Point/Block	WaterFitting
WCFTBD45V	45 Vertical Bend	Point/Block	WaterFitting
WCFTBD90H	90 Horizontal Bend	Point/Block	WaterFitting
WCFTBD90V	90 Vertical Bend	Point/Block	WaterFitting
WCFTBF	Blind Flange	Point/Block	WaterFitting
WCFTCAP	Cap	Point/Block	WaterFitting
WCFTCP	Coupling	Point/Block	WaterFitting
WCFTCPCM	Compression Coupling	Point/Block	WaterFitting
WCFTCPRD	Reducer Coupling	Point/Block	WaterFitting
WCFTCPVT	Victaulic Coupling	Point/Block	WaterFitting
WCFTCR	Cross	Point/Block	WaterFitting
WCFTPG	Plug	Point/Block	WaterFitting
WCFTRD	Reducer	Point/Block	WaterFitting
WCFTSL	Sleeve	Point/Block	WaterFitting
WCFTTE	Tee	Point/Block	WaterFitting
WCFTTS	Tapping Sleeve	Point/Block	WaterFitting
WCFTWY	Wye	Point/Block	WaterFitting
WCFTY2	Wye 2	Point/Block	WaterFitting
WCFTY3	Wye 3	Point/Block	WaterFitting
WCLS	Link Seal on a Pipe Sleeve	Point/Block	WaterFitting
WCMECH	Mechanical Joint Restraint	Point/Block	WaterFitting
WCSF	Non-shrink Fill on a Pipe Sleeve	Point/Block	WaterFitting
WCSTR	Strainer	Point/Block	WaterFitting
DISTRIBUTION SYSTEM - Hydrants (Point Features)			
WCHY	Hydrant	Point/Block	WaterHydrant
WCHYPR	Private Hydrant	Point/Block	WaterHydrant
DISTRIBUTION SYSTEM - Pipe Insulation (Polyline Features)			
WCCS	Concrete Slab (Distribution System)	Polyline	WaterInsulation
WCENPP	Protective Piping Encasement	Polyline	WaterInsulation
WCPWI	Pipe Wrapped Insulation	Polyline	WaterInsulation
WCSI	Styrofoam Insulation	Polyline	WaterInsulation
DISTRIBUTION SYSTEM - Pipe Leaks and Breaks (Point Features)			
WCLBBO	Blow Out	Point/Block	WaterLeakBreak
WCLBCI	Circular Break	Point/Block	WaterLeakBreak
WCLBHP	Hole In Pipe	Point/Block	WaterLeakBreak
WCLBJO	Joint Leak	Point/Block	WaterLeakBreak
WCLBOT	Other Leaks/Breaks	Point/Block	WaterLeakBreak
WCLBSP	Longitudinal Split	Point/Block	WaterLeakBreak
DISTRIBUTION SYSTEM - Master Meters (Point Features)			
WCMM	Master Meter	Point/Block	WaterMasterMeter
DISTRIBUTION SYSTEM - Water Pipes (Polyline Features)			
WCCHWM100	4"-100mm Chamber Water Main	Polyline	WaterPipe
WCCHWM1050	42"-1050mm Chamber Water Main	Polyline	WaterPipe
WCCHWM1200	48"-1200mm Chamber Water Main	Polyline	WaterPipe
WCCHWM1350	54"-1350mm Chamber Water Main	Polyline	WaterPipe
WCCHWM150	6"-150mm Chamber Water Main	Polyline	WaterPipe
WCCHWM1500	60"-1500mm Chamber Water Main	Polyline	WaterPipe
WCCHWM200	8"-200mm Chamber Water Main	Polyline	WaterPipe
WCCHWM225	9"-225mm Chamber Water Main	Polyline	WaterPipe
WCCHWM25	1"-25mm Chamber Water Main	Polyline	WaterPipe
WCCHWM250	10"-250mm Chamber Water Main	Polyline	WaterPipe

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
WCCHWM300	12"-300mm Chamber Water Main	Polyline	WaterPipe
WCCHWM350	14"-350mm Chamber Water Main	Polyline	WaterPipe
WCCHWM375	15"-375mm Chamber Water Main	Polyline	WaterPipe
WCCHWM38	1.5"-38mm Chamber Water Main	Polyline	WaterPipe
WCCHWM400	16"-400mm Chamber Water Main	Polyline	WaterPipe
WCCHWM450	18"-450mm Chamber Water Main	Polyline	WaterPipe
WCCHWM50	2"-50mm Chamber Water Main	Polyline	WaterPipe
WCCHWM500	20"-500mm Chamber Water Main	Polyline	WaterPipe
WCCHWM600	24"-600mm Chamber Water Main	Polyline	WaterPipe
WCCHWM675	27"-675mm Chamber Water Main	Polyline	WaterPipe
WCCHWM75	3"-75mm Chamber Water Main	Polyline	WaterPipe
WCCHWM750	30"-750mm Chamber Water Main	Polyline	WaterPipe
WCCHWM900	36"-900mm Chamber Water Main	Polyline	WaterPipe
WCMA	Water Main	Polyline	WaterPipe
WCPRWM100	4"-100mm Private Water Main	Polyline	WaterPipe
WCPRWM1050	42"-1050mm Private Water Main	Polyline	WaterPipe
WCPRWM1200	48"-1200mm Private Water Main	Polyline	WaterPipe
WCPRWM1350	54"-1350mm Private Water Main	Polyline	WaterPipe
WCPRWM150	6"-150mm Private Water Main	Polyline	WaterPipe
WCPRWM1500	60"-1500mm Private Water Main	Polyline	WaterPipe
WCPRWM19	3/4"-19mm Private Water Main	Polyline	WaterPipe
WCPRWM200	8"-200mm Private Water Main	Polyline	WaterPipe
WCPRWM225	9"-225mm Private Water Main	Polyline	WaterPipe
WCPRWM25	1"-25mm Private Water Main	Polyline	WaterPipe
WCPRWM250	10"-250mm Private Water Main	Polyline	WaterPipe
WCPRWM300	12"-300mm Private Water Main	Polyline	WaterPipe
WCPRWM350	14"-350mm Private Water Main	Polyline	WaterPipe
WCPRWM375	15"-375mm Private Water Main	Polyline	WaterPipe
WCPRWM38	1.5"-38mm Private Water Main	Polyline	WaterPipe
WCPRWM400	16"-400mm Private Water Main	Polyline	WaterPipe
WCPRWM450	18"-450mm Private Water Main	Polyline	WaterPipe
WCPRWM50	2"-50mm Private Water Main	Polyline	WaterPipe
WCPRWM500	20"-500mm Private Water Main	Polyline	WaterPipe
WCPRWM600	24"-600mm Private Water Main	Polyline	WaterPipe
WCPRWM675	27"-675mm Private Water Main	Polyline	WaterPipe
WCPRWM75	3"-75mm Private Water Main	Polyline	WaterPipe
WCPRWM750	30"-750mm Private Water Main	Polyline	WaterPipe
WCPRWM900	36"-900mm Private Water Main	Polyline	WaterPipe
WCWM100	4"-100mm Water Main	Polyline	WaterPipe
WCWM1050	42"-1050mm Water Main	Polyline	WaterPipe
WCWM1200	48"-1200mm Water Main	Polyline	WaterPipe
WCWM1350	54"-1350mm Water Main	Polyline	WaterPipe
WCWM150	6"-150mm Water Main	Polyline	WaterPipe
WCWM1500	60"-1500mm Water Main	Polyline	WaterPipe
WCWM19	3/4"-19mm Water Main	Polyline	WaterPipe
WCWM200	8"-200mm Water Main	Polyline	WaterPipe
WCWM225	9"-225mm Water Main	Polyline	WaterPipe
WCWM25	1"-25mm Water Main	Polyline	WaterPipe
WCWM250	10"-250mm Water Main	Polyline	WaterPipe
WCWM300	12"-300mm Water Main	Polyline	WaterPipe
WCWM350	14"-350mm Water Main	Polyline	WaterPipe
WCWM375	15"-375mm Water Main	Polyline	WaterPipe
WCWM38	1.5"-38mm Water Main	Polyline	WaterPipe
WCWM400	16"-400mm Water Main	Polyline	WaterPipe

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
WCWM450	18"-450mm Water Main	Polyline	WaterPipe
WCWM50	2"-50mm Water Main	Polyline	WaterPipe
WCWM500	20"-500mm Water Main	Polyline	WaterPipe
WCWM600	24"-600mm Water Main	Polyline	WaterPipe
WCWM675	27"-675mm Water Main	Polyline	WaterPipe
WCWM75	3"-75mm Water Main	Polyline	WaterPipe
WCWM750	30"-750mm Water Main	Polyline	WaterPipe
WCWM900	36"-900mm Water Main	Polyline	WaterPipe
DISTRIBUTION SYSTEM - Water Pump (Point Features)			
WCPUMP	Water Pump	Point/Block	WaterPump
DISTRIBUTION SYSTEM - Service Laterals (Polyline Features)			
WCHYLD	Hydrant Lead	Polyline	WaterServiceLine
WCHYPRLD	Private Hydrant Lead	Polyline	WaterServiceLine
WCLAT	Lateral	Polyline	WaterServiceLine
WCLAT100	4"-100mm Lateral	Polyline	WaterServiceLine
WCLAT150	6"-150mm Lateral	Polyline	WaterServiceLine
WCLAT19	3/4"-19mm Lateral	Polyline	WaterServiceLine
WCLAT200	8"-200mm Lateral	Polyline	WaterServiceLine
WCLAT225	9"-225mm Lateral	Polyline	WaterServiceLine
WCLAT25	1"-25mm Lateral	Polyline	WaterServiceLine
WCLAT250	10"-250mm Lateral	Polyline	WaterServiceLine
WCLAT300	12"-300mm Lateral	Polyline	WaterServiceLine
WCLAT32	11/4"-32mm Service Lateral	Polyline	WaterServiceLine
WCLAT350	14"-350mm Lateral	Polyline	WaterServiceLine
WCLAT38	1.5"-38mm Lateral	Polyline	WaterServiceLine
WCLAT400	16"-400mm Lateral	Polyline	WaterServiceLine
WCLAT50	2"-50mm Lateral	Polyline	WaterServiceLine
WCLAT75	3"-75mm Lateral	Polyline	WaterServiceLine
WCPRLAT	Private Lateral	Polyline	WaterServiceLine
WCPRLAT100	Private 4"-100mm Lateral	Polyline	WaterServiceLine
WCPRLAT150	Private 6"-150mm Lateral	Polyline	WaterServiceLine
WCPRLAT19	Private 3/4"-19mm Lateral	Polyline	WaterServiceLine
WCPRLAT200	Private 8"-200mm Lateral	Polyline	WaterServiceLine
WCPRLAT25	Private 1"-25mm Lateral	Polyline	WaterServiceLine
WCPRLAT250	Private 10"-250mm Lateral	Polyline	WaterServiceLine
WCPRLAT300	Private 12"-300mm Lateral	Polyline	WaterServiceLine
WCPRLAT32	Private 11/4"-32mm Service Lateral	Polyline	WaterServiceLine
WCPRLAT350	Private 14"-350mm Lateral	Polyline	WaterServiceLine
WCPRLAT38	Private 1.5"-38mm Lateral	Polyline	WaterServiceLine
WCPRLAT400	Private 16"-400mm Lateral	Polyline	WaterServiceLine
WCPRLAT50	Private 2"-50mm Lateral	Polyline	WaterServiceLine
WCPRLAT75	Private 3"-75mm Lateral	Polyline	WaterServiceLine
DISTRIBUTION SYSTEM - Test Stations (Point Features)			
WCTSTCA	Cathodic Test Station	Point/Block	WaterTestStation
DISTRIBUTION SYSTEM - Water Valves (Point Features)			
WCBP	Backflow Preventer	Point/Block	WaterValve
WCCHBP	Chamber Backflow Preventer	Point/Block	WaterValve
WCCHVLAL	Chamber Altitude Valve	Point/Block	WaterValve
WCCHVLAR	Chamber Air Release Valve	Point/Block	WaterValve
WCCHVLAV	Chamber Air & Vacuum Valve	Point/Block	WaterValve
WCCHVLBF	Chamber Butterfly Valve	Point/Block	WaterValve
WCCHVLBL	Chamber Ball Valve	Point/Block	WaterValve
WCCHVLBO	Chamber Butterfly Valve Operator Side	Point/Block	WaterValve
WCCHVLCK	Chamber Check Valve	Point/Block	WaterValve

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
WCCHVLDR	Chamber Drain Valve	Point/Block	WaterValve
WCCHVLGA	Chamber Gate Valve	Point/Block	WaterValve
WCCHVLGL	Chamber Globe Valve	Point/Block	WaterValve
WCCHVLPR	Chamber Pressure Reducing Valve	Point/Block	WaterValve
WCCHVLSR	Chamber Surge Relief Valve	Point/Block	WaterValve
WCVLAL	Altitude Valve	Point/Block	WaterValve
WCVLALPR	Private Altitude Valve	Point/Block	WaterValve
WCVLAR	Air Release Valve	Point/Block	WaterValve
WCVLARPR	Private Air Release Valve	Point/Block	WaterValve
WCVLAV	Air & Vacuum Valve	Point/Block	WaterValve
WCVLAVPR	Private Air & Vacuum Valve	Point/Block	WaterValve
WCVLBF	Butterfly Valve	Point/Block	WaterValve
WCVLBFPR	Private Butterfly Valve	Point/Block	WaterValve
WCVLBL	Ball Valve	Point/Block	WaterValve
WCVLBLPR	Private Ball Valve	Point/Block	WaterValve
WCVLBO	Butterfly Valve Operator Side	Point/Block	WaterValve
WCVLBOPR	Private Butterfly Operator Side	Point/Block	WaterValve
WCVLCK	Check Valve	Point/Block	WaterValve
WCVLCKPR	Private Check Valve	Point/Block	WaterValve
WCVLCS	Corporation Stop	Point/Block	WaterValve
WCVLCSPR	Private Corporation Stop	Point/Block	WaterValve
WCVLDR	Drain Valve	Point/Block	WaterValve
WCVLGA	Gate Valve	Point/Block	WaterValve
WCVLGAPR	Private Gate Valve	Point/Block	WaterValve
WCVLGL	Globe Valve	Point/Block	WaterValve
WCVLGLPR	Private Globe Valve	Point/Block	WaterValve
WCVLPR	Pressure Reducing Valve	Point/Block	WaterValve
WCVLPRPR	Private Pressure Reducing Valve	Point/Block	WaterValve
WCVLSD	Curb Stop	Point/Block	WaterValve
WCVLSDPR	Private Curb Stop	Point/Block	WaterValve
WCVLSR	Surge Relief Valve	Point/Block	WaterValve
WCVLSRPR	Private Surge Relief Valve	Point/Block	WaterValve
WCVLSV	Service Valve	Point/Block	WaterValve
WCVLSVPR	Private Service Valve	Point/Block	WaterValve
DISTRIBUTION SYSTEM - Other Water Features (Point/Polyline Features)			
XXX	GIS Revision Tracking Point	Point	GISRevisionTracking
XXX	Customer Meter	Point	WaterMeter
XXX	Sampling Station	Point	WaterSamplingStation
XXX	Water Service Point	Point	WaterServicePoint
XXX	Booster Station	Point	WaterStructure
XXX	Control Chamber	Point	WaterStructure
XXX	Enclosed Storage Chamber	Point	WaterStructure
XXX	Meter Chamber	Point	WaterStructure
XXX	Production Well	Point	WaterStructure
XXX	PRV Chamber	Point	WaterStructure
XXX	Reservoir	Point	WaterStructure
XXX	Reservoir Chamber	Point	WaterStructure
XXX	Water Treatment Plant	Point	WaterStructure
XXX	Isolation Valve	Point	WaterValve
XXX	Drain	Polyline	WaterPipe
XXX	Transmission Line	Polyline	WaterPipe
WCMK	Masked Pipe	Polyline	WaterMaskedPipe

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
UTILITY - Halifax Water Survey			
WCARCH	Air Release Chamber	Polygon	HWSurvey
BOTROCK	Bottom Of Rock	Point	HWSurvey
LCBS	Bottom Of Slope	Polyline	HWSurvey
BLDGFD	Building Foundation	Point	HWSurvey
STBS	Bus Shelter	Point	HWSurvey
SWCBBT	Catchbasin Bottom	Point	HWSurvey
SWCBINV	Catchbasin Invert	Point	HWSurvey
HATCH	Chamber Hatch	Point	HWSurvey
SWCD	Clay Dam	Point	HWSurvey
WCCOCH	Clean Out	Point	HWSurvey
SWMHCOBT	Combined Sewer Manhole Bottom	Point	HWSurvey
SWMHCOINV	Combined Sewer Manhole Invert	Point	HWSurvey
STMB	Community Mailbox	Point	HWSurvey
WCCHCL	Control Chamber	Polygon	HWSurvey
MNNSCM	Control Monument	Point	HWSurvey
RRCB	Curb	Polyline	HWSurvey
TFDL	Detector Loop	Point	HWSurvey
RRDR	Driveway	Polyline	HWSurvey
SWBD	Duct Bank	Point	HWSurvey
EASEMENT	Easement	Polyline	HWSurvey
EOGR	Edge Of Gravel	Polyline	HWSurvey
EORR	Edge Of Gravel Rip Rap	Polyline	HWSurvey
WCRKEND	End Of Rock	Point	HWSurvey
EXISTING	Existing Features	Point	HWSurvey
RRGT	Gutter	Point	HWSurvey
WCCHMH	HWC Manhole	Point	HWSurvey
WCVLHY	Hydrant Valve	Point	HWSurvey
SWDM	Manhole Drain Pipe	Polyline	HWSurvey
WCCHMR	Meter Chamber	Polygon	HWSurvey
GSPI	Natural Gas Pipe	Polyline	HWSurvey
BDY	Parcel Corner	Point	HWSurvey
WCPB	Pipe Bell	Polyline	HWSurvey
PC	Point Of Curvature	Point	HWSurvey
UTGWPW	Power Guy Wire	Point	HWSurvey
UTMHPO	Power Manhole	Point	HWSurvey
WCCHPR	Pressure Reducing Chamber	Polygon	HWSurvey
WCVLHYPR	Private Hydrant Valve	Point	HWSurvey
WCVLCAPPR	Private Valve Cap	Point	HWSurvey
RRRR	Railroad	Polyline	HWSurvey
RRRD	Road	Polyline	HWSurvey
RRCL	Road Centerline	Polyline	HWSurvey
RRSH	Road Shoulder	Polyline	HWSurvey
WCRK	Rock	Point	HWSurvey
SWMHSABT	Sanitary Sewer Manhole Bottom	Point	HWSurvey
SWMHSAINV	Sanitary Sewer Manhole Invert	Point	HWSurvey
WCSVBX	Service Box	Point	HWSurvey
WASL	Shoreline	Point	HWSurvey
RRSW	Sidewalk	Polyline	HWSurvey
RRSI	Sign	Point	HWSurvey
LFSH	Spot Height	Point	HWSurvey
WCRKST	Start Of Rock	Point	HWSurvey
SWMHSTBT	Storm Manhole Bottom	Point	HWSurvey
SWMHSTINV	Storm Manhole Invert	Point	HWSurvey

Feature Code/ Block Name	Feature Description	Shape Type	Grouping
TFSL	Street Light Pole	Point	HWSurvey
STFE	Structure Fence	Polyline	HWSurvey
STGR	Structure Guard Rail	Polyline	HWSurvey
STRW	Structure Retaining Wall	Polyline	HWSurvey
SVDH	Survey Drill Hole	Point	HWSurvey
SVIB	Survey Iron Bar	Point	HWSurvey
SVSM	Survey Marker	Point	HWSurvey
SVSK	Survey Spike	Point	HWSurvey
UTGWTL	Telephone Guy Wire	Point	HWSurvey
UTMHTL	Telephone Manhole	Point	HWSurvey
WCTG	Top Of Ground	Point	HWSurvey
TOPROCK	Top Of Rock	Point	HWSurvey
LCTS	Top Of Slope	Polyline	HWSurvey
TFTL	Traffic Light Pole	Point	HWSurvey
TRENCH	Trench	Polyline	HWSurvey
UGPW	Underground Power	Polyline	HWSurvey
UGMT	Underground Telephone	Polyline	HWSurvey
SWMHUKBT	Unknown Sewer Manhole Bottom	Point	HWSurvey
SWMHUKINV	Unknown Sewer Manhole Invert	Point	HWSurvey
UTJB	Utility Junction Box	Point	HWSurvey
UTPO	Utility Pole	Point	HWSurvey
WCVLCAP	Valve Cap	Point	HWSurvey
WCCHVL	Valve Chamber	Polygon	HWSurvey
WCTB	Water Thrust Block	Point	HWSurvey