

SECTION 7.5.2 JULY 2025

WAT	TER SYSTEM				
	GIS Revision Tracking Point	Water	Fittings	(4)	Hydrant, Out of Service
PT	Pressure Tank		Adaptor	-O-PVT	Private Hydrant
OAVC	Air and Vacuum Valve	_	Bend	Other	Water Service Features
OARV	Air Release Valve	=	Blind Flange	•	Water Service Point
OALT	Altitude Valve		Сар	*	Leaks and Breaks
0	Ball Valve	A	Chamber Flow Arrow	Water F	Pumps
-	Butterfly Valve	₽vт	Chamber Vent		Domestic Pump
os	Butterfly Valve Operator Side)(Coupling	F	Fire Pump
Ζt	Check Valve	ΙŢΙ	Cross	Water	Pipes
⊖ cs	Corporation Stop		Denso Tape		Drain
○ cc	Curb Stop		Link Seal on a Pipe Sleeve		Distribution Main
\bigcirc DRN	Drain Valve	¥	M.J. Restraint Device	_	Transmission Main
\otimes	Gate Valve		Non-shrink Fill on a Pipe Sleeve		Private Drain
\bigcirc GLV	Globe Valve		Plug		Private Distribution Main
\otimes	Hydrant Valve		Reducer	_	Private Transmission Main
○PRV	Pressure Reducing Valve		Sleeve	_	Unknown Pipe
○ SRV	Service Valve	•	Strainer		Service Lateral
SUR	Surge Relief Valve	=	Tapping Sleeve		Hydrant Lead
○ARV	Private Air Release Valve		Tee		Private Service Lateral
AVC	Private Air and Vacuum Valve	TM	Test Meter Pit		Private Hydrant Lead
OALT	Private Altitude Valve	I	Victaulic Coupling		Unknown Lateral
(a)	Private Ball Valve	=	Wye		Pipe Mask
	Private Butterfly Valve	7	Wye Left	Water	Pipe Protection
os 7	Private Butterfly Valve Operator Side	\Rightarrow	Wye Right		Concrete Slab
Zt	Private Check Valve		Structure Points		Styrofoam Insulation
o CS	Private Corporation Stop	UK	Unknown Water Structure Point		Pre-Insulated External Wrap - Buried
○ CC ○ DRN	Private Curb Stop	\bigcirc	Booster Station		Pre-Insulated External Wrap - Above Groun
	Private Drain Valve	1	Water Supply Plant	XXX	Casing Pipe - Buried
⊗ GLV	Private Gate Valve Private Globe Valve	□ARV		XXX	Casing Pipe - Above Ground
⊗ ×	Private Hydrant Valve	CTR	ARV Chamber		Pipe Protection Unknown
PRV	Private Pressure Reducing Valve	□DRN	Control Chamber		Pipe Protection Other
SRV	Private Service Valve	GEN	Drain Chamber	XXX	Pipe Protection - Temp
SUR	Private Surge Relief Valve	MTR	General Chamber Meter Chamber	Water	Pipe Cleaning and Lining
0	Unknown FCODE	□MITI	PRV Chamber		Cleaning and Lining
	l Water Valves	RSV	Reservoir Chamber		Cleaned Pipe
0	Closed	SRC	Surge Relief Chamber	10.1	IFC Update (Under Review)
ŏ	Temporarily Closed	■ IBF	Water Intake Structure - In Bank Filtration	Water	System Structure Polygons
		■ IS	Water Intake Structure - Intake Structure		Booster Station
	Isolation Valve		Water Intake Structure - Low Lift		Reservoir
	Private Isolation Valve	TS	Water Intake Structure - Travelling Screen		Water Intake Structure Chamber
X	Backflow Preventer	■WELL	Water Intake Structure - Well		
	Flowmeter		Water Bulk Fill Station Points		Water Supply Plant Unknown Water Structure
≜ WQS	Water Quality Station	WR			
≜ WQI	Water Quality Instrument		Water Reservoir		Water Bulk Fill Station Polygons
RS	Water Rechlorination Station	vvater	Hydrants Hydrant		
			Tydiant		



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WAS	TEWATER COLLECTI	ON S	SYSTEM		
818 818	GIS Revision Tracking Point	⇒	Wye	PRV	Pressure Release Valve
Vastewa	ater Manholes and Outfalls	F VT	Vent	SUR	Surge Relief Valve
	Public Manhole	•	Service Point		Valve
	Private Manhole	+	Legacy Service Point		
Vastewa	ater Chambers	TS	Cathodic Protection Test Station		Collection System Spot Repair
	Wastewater Diversion Chamber		Control Structure	WW	Sewer Pump
	Wastewater Diversion Point	*	Identified Deficiency (Pipes/Laterals)	1	·
FM VL	Wastewater Force Main Valve Chamber		Tracewire Access Point		Treatment Facility
JNC	Wastewater Junction Chamber		Force Main Flow Meter	=====	Casing
	Wastewater Pre-Treatment Unit	Ť			Lining
PUMP	Wastewater Pump Chamber	•	Gravity Flow Meter		Tracewire
	Wastewater Regulating Chamber	-	Gravity Flow Meter - Removed		Vent Line
	Wastewater Storage Basin	o cs	Wastewater Corp Stop		CCTV Televised Main
T	Wastewater Tide Chamber	○ CC	Wastewater Curb Stop		CCTV Televised Lateral
v	Wastewater Vortex Chamber	Wastewa	ater Pumping Stations	Wastewa	ater Insulation
Å	Outfall	\bigcirc	Public Pumping Station		Concrete Slab
Vastewa	ater Fittings		Private Pumping Station		Pre-Insulated Pipe
_	Bend	Montowy			Styrofoam Sheet
	Сар		ater Holding Tanks		ater Pipes
⊕ co	Cleanout		Heat Recovery Tank	FM>-	Public Force Main
)(Coupling	9	Holding Tank	GP≯-	Public Gravity Pressure Pipe
	Eccentric Reducer	OF	Overflow Tank	PP>-	Public Pressure Pipe
)(Flexible Coupling		ater Valves	·IS≯-	Public Inverted Siphon
•	Flex Joint	○ARV	Air Release Valve	\rightarrow	Public Pipe
Ŷ	Grouted Connection	ALT	Altitude Valve	FM>-	Private Force Main
	Long Radius Bend	-	Butterfly Valve	GP>-	Private Gravity Pressure Pipe
¥	Mechanical Joint Restraint	©	Ball Valve	PP>-	Private Pressure Pipe
À	Reducer		Cone Valve	IS)	Private Inverted Siphon
	Saddle	Zt	Check Valve	-> -	Private Pipe
=	Тар	ODRN	Drain Valve		Public Lateral
6	Tee	8	Gate Valve		Private Lateral
_		•	Plug Valve		Wastewater Structure Polygon



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STORMWATER COLLECTION SYSTEM

Stormwater Manholes

Public Manhole

Private Manhole

Stormwater Inlets

Public Catchbasin

Public Double Catchbasin

Public Triple Catchbasin

Private Catchbasin

Private Double Catchbasin

Private Triple Catchbasin

Stormwater Headwalls and Outfalls

Headwall

. △. Outfall **Stormwater Fittings**

Bend

Cap

Cleanout

 $\|$ Coupling

Eccentric Reducer

Flexible Coupling

: Flex Joint

Grouted Connection

Long Radius Bend

Mechanical Joint Restraint

Reducer

Saddle

Tap

Tee

Wye

Stormwater Chambers

Stormwater Diversion Chamber \bigvee

Stormwater Diversion Point

Stormwater Force Main Valve Chamber

JNC Stormwater Junction Chamber

Stormwater Pump Chamber

Stormwater Regulating Chamber

Stormwater Storage Basin

T Stormwater Tide Chamber

Stormwater Treatment Unit

Private Stormwater Treatment Unit

Stormwater Vortex Chamber (V)

Other Chamber

Service Point

Control Structure

Stormwater Valves

 \bigcirc ARV Air Release Valve

 \bigcirc ALT Altitude Valve

Butterfly Valve

Ball Valve

Cone Valve

Check Valve 71

○DRN Drain Valve

Gate Valve \otimes

Plug Valve

 \bigcirc PRV Pressure Release Valve

 \bigcirc SUR Surge Relief Valve

Valve

Stormwater Management Structures



Berm



Private Berm

Constructed Wetland



Private Constructed Wetland



Lake



Private Lake



Oversize Pipe



Private Oversize Pipe



Underground Storage



Private Underground Storage



Wet Pond



Private Wet Pond



Dry Pond



Private Dry Pond



Unknown



Private Unknown

 $\langle \bullet \rangle$

Other (See Remarks)



Private Other (See Remarks)

 $\hat{\bullet}$

Other (No Remarks)

Identified Deficiency (Pipes/Laterals)



Force Main Flow Meter



Gravity Flow Meter



Gravity Flow Meter - Removed

o cs

Stormwater Corp Stop Stormwater Curb Stop

Stormwater Pumping Stations

Public Pumping Station



Private Pumping Station

Casing



Ditch **CCTV** Televised Main

CCTV Televised Lateral

Stormwater Insulation

Concrete Slab

Pre-Insulated Pipe \overline{m} Styrofoam Sheet

Stormwater Pipes

Public Catchbasin Lead

 \overline{m}

Public Culvert Public Drain

FM>·

Public Force Main

GP>

Public Gravity Pressure Pipe

PP>.

Public Pressure Pipe

15>·

Public Inverted Siphon Public Pipe

Private Catchbasin Lead

-

Private Culvert Private Drain

FM>

Private Force Main

GP

Private Gravity Pressure Pipe

PP

Private Pressure Pipe Private Inverted Siphon

45

Private Pipe Public Lateral

Private Lateral

Stormwater Structure Polygon



COMBINED COLLECTION SYSTEM

Combined Manholes and Outfalls ORN Drain Valve **Private Pumping Station** Public Manhole Ш Gate Valve X Control Structure Private Manhole Plug Valve Identified Deficiency (Pipes/ Laterals) Outfall PRV Pressure Release Valve Combined Sewer Overflow Force Main Flow Meter SUR Surge Relief Valve (CSO) Structure Valve **Gravity Flow Meter** Combined Fitting ____ Casing Bend Gravity Flow Meter - Removed Lining Cap o cs Combined Corp Stop **CCTV Televised Main** CO Cleanout $_{\odot}$ CC Combined Curb Stop **CCTV Televised Laterals** Coupling **Combined Chambers** Insulation **Eccentric Reducer** ∇ Combined Diversion Chamber ,,,,,,,,, Concrete Slab Flexible Coupling Combined Diversion Point mmPre-Insulated Pipe Flex Joint Combined Force Main Valve $\mathbf{FM}^{\mathsf{VL}}$ \overline{m} Styrofoam Sheet **Grouted Connection** Chamber **Combined Pipes** JNC **Combined Junction Chamber** Long Radius Bend PUMP FM▶-Public Force Main Combined Pump Chamber Mechanical Joint Restraint GP≫-Public Gravity Pressure Pipe Combined Regulating Chamber Reducer PP≫-Public Pressure Pipe Saddle Combined Storage Basin **Public Inverted Siphon 15**→-T Combined Tide Chamber Тар \rightarrow Public Pipe (V) Combined Vortex Chamber Tee FM>-Private Force Main **Combined Valves** Wye GP>-Private Gravity Pressure Pipe \bigcirc ARV Air Release Valve **Combined Holding Tanks** PP>-Private Pressure Pipe \bigcirc ALT Altitude Valve Heat Recovery Tank IS>-Private Inverted Siphon **Butterfly Valve Holding Tank** Private Pipe 0 **Ball Valve** OF **Overflow Tank** Public Lateral Cone Valve Combined Pumping Stations Private Lateral 71 Check Valve \mathcal{O} **Public Pumping Station** Combined Structure Polygon



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UNKNOWN COLLECTION SYSTEM

Unknown Manholes		•	Service Point	1	Plug Valve
	Public Manhole	(TS)	Cathodic Protection Test Station	PRV	Pressure Release Valve
	Private Manhole		Control Structure	SUR	Surge Relief Valve
Unknown	Headwalls and Outfalls	*	Identified Deficiency (Pipes/Laterals)	•	Valve
\smile	Headwall	4	Force Main Flow Meter	=====	Casing
À	Outfall	Y A			Lining
Unknown Fittings		-	Gravity Flow Meter		CCTV Televised Main
_	Bend	-	Gravity Flow Meter - Removed		CCTV Televised Lateral
П	Сар	⊕ ⊜ CS	Unknown Corp Stop	Unknown	Insulation
● co	Cleanout	○ cc	Unknown Curb Stop	<u> </u>	Concrete Slab
)(Coupling	Unknown	Chambers	<u> </u>	Pre-Insulated Pipe
T	Eccentric Reducer		Unknown Diversion Chamber	777777	Styrofoam Sheet
) <u>(</u>	Flexible Coupling	₩	Unknown Diversion Point	Unknown	•
	Flex Joint	FM VL	Unknown Force Main Valve Chamber	FM≯-	Public Force Main
Ŷ	Grouted Connection	JNC	Unknown Junction Chamber	GP > −	Public Gravity Pressure Pipe
	Long Radius Bend	PUMP	Unknown Pump Chamber	PP > −	Public Pressure Pipe
Ħ	Mechanical Joint Restraint	<u> </u>	Unknown Regulating Chamber	·IS > −	Public Inverted Siphon
A	Reducer		Unknown Storage Basin	—	Public Pipe
•	Saddle	T	Unknown Tide Chamber	FM>-	Private Force Main
Ξ	Тар	v	Unknown Vortex Chamber	GP>-	Private Gravity Pressure Pipe
\subset	Tee	Unknown	Valves	PP>-	Private Pressure Pipe
=	Wye	○ARV	Air Release Valve	IS)-	Private Inverted Siphon
Unknown	Holding Tanks	OALT	Altitude Valve	-> -	Private Pipe
	Heat Recovery Tank	-0-	Butterfly Valve		Public Lateral
Θ	Holding Tank	0	Ball Valve		Private Lateral
OP	Overflow Tank	lacktriangle	Cone Valve		Unknown Structure Polygon
Unknown Pumping Stations		Ζţ	Check Valve		,,
\Box	Public Pumping Station	ODRN	Drain Valve		

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Private Pumping Station

Gate Valve



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Abandoned Collection System Structure

ABANDONED WATER SYSTEM

⊗ A	Abandoned Valves		□ ^{GEN} General Chamber		F VT	Chamber Vent
\(\begin{array}{c} \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ 	Abandoned Hydrants		□ ^{MTR} Meter Chamber)(Coupling
RS	Abandoned Water Rechlorination	on Station	PRV Chamber			Cross
WR	Abandoned Water Reservoir		Reservoir Chamber			Denso Tape
	Abandoned Flowmeter		SRC Surge Relief Chamber	Dank Filton		Link Seal on a Pipe Sleeve
_	Abandoned Water Pipe		 Water Intake Structure - Intake Struct		450	M.J. Restraint Device
	Abandoned Water Drain		■ Water Intake Structure - Ir■ Water Intake Structure - L		ire 🗎	Non-shrink Fill on a Pipe Sleeve
	ndoned Water Structure Polyg	none	Water Intake Structure - T Water Intake Structure - T		199	Plug
	Abandoned Water Structure	JO113	Water Intake Structure - V Water Intake Structure - V		A	Reducer
	Jnknown Structure Subtype		Abandoned Water Bulk Fill St			Sleeve
	Abandoned Water Bulk Fill Statio	on Polydons		ation i oints	•	Strainer
	ndoned Water Structure Point		Abandoned Service PointAbandoned Service Lateral		Ξ	Tapping Sleeve
		.5				Tee
_			Abandoned Fittings		TM	
	Booster Station		☐ Adaptor			Victaulic Coupling
	Water Supply Plant		— Bend		\Rightarrow	Wye
AR\			☐ Blind Flange☐ Cap			Wye Left
CTF	,		↑ Cap		<u> </u>	Wye Right Unknown FCODE
DRI			Chamber How Arrow		^	Olikilowii PCODE
		ON EVE	TEM			
	ANDONED COLLECTION					
	doned Manholes	Abandone	d Service Points	SUR	Surge Reli	ief Valve
	Combined Manhole	UK	Unknown	•	Valve	
	Wastewater Manhole	SW	Stormwater		Abandone	d Treatment Facility
0	Stormwater Manhole	ww	Wastewater	\bigcirc	Ahandone	d Pumping Station
	Unknown Manhole	TS	Abandoned Cathodic Protection Test Station			•
o bone	Abandoned CSO Structure loned Inlets and Outfalls		Abandoned Control Structure	=====	Abandone	_
			Abandoned Stormwater	>	Abandone Abandone	•
	Catchbasin Double Catchbasin		Management Structure	******		d Insulation
	Triple Catchbasin	lacktriangle	Abandoned Tracewire Access Point	*********		d Trisdiation d Tracewire
	Abandoned Headwall	(WW)	Abandoned Sewer Pump			d Vent Line
A	Abandoned Outfall	o cs	Abandoned Corp Stop	Abandone		a vont zine
	doned Fittings	○ CC	Abandoned Curb Stop	FM>—	=	Force Main
_	Bend		d Chambers	GP≯—	_	Gravity Pressure Pipe
	Cap		Diversion Chamber	PP>—		Pressure Pipe
⊕ CC			Diversion Point	-ISD		Inverted Siphon
Y	Coupling	FM VL	Force Main Valve Chamber		Combined	
八	. •	JNC	Junction Chamber		Catchbasii	n Lead
	Eccentric Reducer Flex Joint	PUMP	Pump Chamber	> ·-	Culvert	
	Flexible Coupling		Regulating Chamber		Drain	
			Storage Basin	FM>—		er Force Main
V	Grouted Connection	T	Tide Chamber	GP≯—		er Gravity Pressure Pipe
М	Long Radius Bend		Stormwater Treatment Unit	PP>—		er Pressure Pipe
¥	Mechanical Joint Restraint	W	Vortex Chamber	-IS>-		er Inverted Siphon
A	Reducer		Wastewater Pre-Treatment Unit		Stormwate	
	Saddle	Abandone	d Valves	FM>—		Force Main
=	Тар	ARV	Air Release Valve	GP≯—		Gravity Pressure Pipe
	Tee	ALT	Altitude Valve	PP>—		Pressure Pipe
\Rightarrow	Wye		Butterfly Valve	-IS)		Inverted Siphon
F V1		0	Ball Valve	FM>—	Unknown I	-
	doned Holding Tanks		Cone Valve	FM≯— GP≯—		er Force Main
	Heat Recovery Tank	Zt	Check Valve	PP≫—		er Gravity Pressure Pipe er Pressure Pipe
9	Holding Tank	ODRN	Drain Valve	-IS>		er Inverted Siphon
OF)	Overflow Tank	8	Gate Valve	15)	Wastewate	•
	OVOLIDW TAIR	① 	Plug Valve		Lateral	po
		PRV	Pressure Relief Valve		Lateral	



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LAND FEATURES

Traffic Pole		HRM Service Requirements			
继	Traffic Pole		Water Service Only		
Utility	/ Pole		Wastewater Service Only		
	Utility Pole		Water and Wastewater Service		
Surve	ey Monument	Protected Water Areas			
<u>^</u>	Survey Monument				
Natural Gas Lateral		Provincial Tertiary Watersheds			
	Natural Gas Lateral				
Natur	al Gas Pipeline	HW W	later Supply Sheds		
	Natural Gas Pipeline		Bennery Lake		
Prope	erty Boundary		Bomont		
	Property Boundary		Chain Lakes		
Land	Owned by Halifax Water		Collin's Park		
	Land Owned by Halifax Water		Five Islands		
Comr	nunity Boundary		Lemont Lake		
	Community Boundary		Lake Major		
	District Energy System Service Boundary		Middle Musquodoboit		
Halifax Water Stormwater Service Boundary			Pockwock Lake		
	Halifax Water Stormwater Service Boundary		Silversands		
	Trainax Water Sternivator Service Beariagry		Tomahawk Lake		

BASEMAP

Street

