



SewerStormwater - FeatureDataset

Name SewerStormwater
Description SewerStormwater

SewerStormwater_Net_Junctions - FeatureClass

Name SewerStormwater Net Junctions
ShapeType Point
FeatureType SimpleJunction
AliasName SewerStormwater_Net_Junctions
HasM false
HasZ false
HasAttachments false
Description SewerStormwater_Net_Junctions

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|---------|--------------|--------|-----------|-------------|-------------------------------|--------------|------------|-----------|-------|
| Enabled | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |

ssBend - FeatureClass

Name ssBend
ShapeType Point
FeatureType SimpleJunction
AliasName ssBend
HasM false
HasZ false
HasAttachments false

Description Sewer bends or sockets used to change the direction of a pipe.

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|----------|--------|----------------------|--------------------------------------|--------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| INLETDIAM | Double | 8 | Inlet Diameter | Diameter of bend inlet | piPipeDiameter | | true | | |
| DISCHDIAM | Double | 8 | Discharge Diameter | Diameter of bend discharge | piPipeDiameter | | true | | |
| BENDANGLE | String | 3 | Angle | The angle of the bend | | | true | | |
| BENDRADIUS | String | 3 | Radius | The size of the bend s radius | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of | | | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|-------------------------------|---|------|--|--|
| | | | | the geographic location | | | | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssCasing - FeatureClass

Name ssCasing
ShapeType Polyline
FeatureType Simple

AliasName ssCasing

HasM false

HasZ false

HasAttachments false

Description Casings and other protective containers around pipes.

Tags SewerStormwater

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|--------------|--------|-----------------|---|--------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility ID | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the asset | piPipeDiameter | | true | | |
| MATERIAL | String | 20 | Material | Material the casing is manufactured with | piPipeMaterial | | true | | |
| RECORDLENG | Double | 8 | Recorded Length | Recorded length of the casing | | | true | | |
| CASETYPE | String | 20 | Casing Type | The type of casing | piCasings | Casement | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|-------------------------------|---|------|--|--|
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| Enabled | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |

ssCleanOut - FeatureClass

Name ssCleanOut

ShapeType Point

FeatureType SimpleJunction

AliasName ssCleanOut

HasM false

HasZ false

HasAttachments false

Description Access points on the sewer/stormwater network that can be used to clean out debris or other blockages.

Tags SewerStormwater

| Field | Data Type | Length | Alias Name | Description | Domain | Default Value | Is Nullable | Precision | Scale |
|-------------|--------------|--------|---------------------|---|---------------------------------|---------------|-------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| ACCESSMAT | String | 20 | Access Material | Access material for lid or cover | piPipeMaterial | | true | | |
| ACCESSTYPE | String | 20 | Access Type | Method for accessing the opening | piAccessType | Cover | true | | |
| INTDEPTH | Double | 8 | Interior Depth | Interior Depth | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| DEVICETYPE | String | 30 | Cleanout Type | The type of cleanout | piCleanoutTypes | Cleanout | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization | AssetManager | 1 | true | | |

| | | | | | | | | | |
|------------|--------|----|------------------|---|----------------------------------|--|------|--|--|
| | | | | maintains the asset | | | | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| ACCESSDIAM | Double | 8 | Access Diameter | Access diameter for the clean out | piAccessDiameter | | true | | |

ssControlValve - FeatureClass

Name ssControlValve

ShapeType Point

FeatureType SimpleJunction

AliasName ssControlValve

HasM false

HasZ false

HasAttachments false

Description Sewer Network Valves that have a control mechanism such as blowoff or relief.

Tags SewerStormwater

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------|----------|--------|-----------|-------------|--------|--------------|------------|-----------|-------|
|-------|----------|--------|-----------|-------------|--------|--------------|------------|-----------|-------|

| | | | | | | | | | |
|-------------|--------------|-----|----------------------|--|------------------------------------|---|------|--|--|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the asset | piPipeDiameter | | true | | |
| VALVETYPE | String | 30 | Valve Type | Type of control valve | piControlValveType | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in | | | true | | |

| | | | | | | | | | |
|------------|--------|----|-------------|--|--|--|------|--|--|
| | | | | the maintenance database | | | | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssDetention - FeatureClass

Name ssDetention

ShapeType Polygon

FeatureType Simple

AliasName ssDetention

HasM false

HasZ false

HasAttachments false

Description Stormwater detention or retention features.

Tags SewerStormwater

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|-----------|--------|---------------------|--------------------------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |

| | | | | | | | | | |
|-------------|--------------|-----|----------------------|--|--------------------------------|---|------|--|--|
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| LENGTH | Double | 8 | Length | The length of the retention area | | | true | | |
| WIDTH | Double | 8 | Width | The width of the detention area | | | true | | |
| DEPTH | Double | 8 | Depth | The depth of the retention area | | | true | | |
| SIDESLOPE | Double | 8 | Slope | The slope on the side of the retention area | | | true | | |
| VOLUME | Double | 8 | Volume | The volume of litter or debris found in the catchbasin | | | true | | |
| BEDMATERIAL | String | 50 | Bed Material | The material on the bed of the retention area | piPipeMaterial | | true | | |
| BNKMATERIAL | String | 50 | Bank Material | The material on the bank of the retention area | piPipeMaterial | | true | | |
| INVERTELEV | Double | 8 | Invert Elevation | Invert elevation | | | true | | |
| OUTFLWELEV | Double | 8 | Outflow Elevation | Outflow elevation | | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|-------------------------------|---|------|--|--|
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssDischargePoint - FeatureClass

Name ssDischargePoint
ShapeType Point
FeatureType SimpleJunction
AliasName ssDischargePoint
HasM false
HasZ false
HasAttachments false

Description Stormwater discharge points.

Tags Stormwater

| Field | Data Type | Length | Alias Name | Description | Domain | Default Value | Is Nullable | Precision | Scale |
|-------------|-----------|--------|----------------------|--|--------------------------------------|---------------|-------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| DISCHRG TYP | String | 50 | Discharge Type | The type of stormwater discharge | piDischargePointType | | true | | |
| AVGDISCH | String | 10 | Average Discharge | Average Discharge | | | true | | |
| DISCHID | String | 20 | Discharge Identifier | Discharge Identifier | | | true | | |
| PEAKDISCH | String | 10 | Peak Discharge | Peak Discharge | | | true | | |
| PERMIT | String | 30 | Permitted | A flag used to indicate whether the discharge point has been permitted | YesNo | | true | | |
| PERMITID | String | 20 | Permit Identifier | Unique permit identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of | | | true | | |

| | | | | | | | | | |
|---------------|--------------|----|------------------|---|-------------------------------------|---|------|--|--|
| | | | | the geographic location | | | | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the asset | piPipeDiameter | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| AncillaryRole | SmallInteger | 2 | AncillaryRole | AncillaryRole | AncillaryRoleDomain | 0 | true | | |

ssFitting - FeatureClass

Name ssFitting
ShapeType Point
FeatureType SimpleJunction
AliasName ssFitting
HasM false
HasZ false
HasAttachments false
Description Sewer Network Features that connect segments of pipe.
Tags SewerStormwater

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|--------------|--------|----------------------|---|-------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| FITTINGTYPE | String | 50 | Fitting Type | The type of fitting | piFittingType | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|-------------------------------|---|------|--|--|
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssGravityMain - FeatureClass

Name ssGravityMain

ShapeType Polyline

FeatureType ComplexEdge

AliasName ssGravityMain

HasM true

HasZ false

HasAttachments false

Description Separated and combined sewer gravity mains.

Tags

SewerStormwater

| Field | Data Type | Length | Alias Name | Description | Domain | Default Value | Is Nullable | Precision | Scale |
|-------------|-----------|--------|---------------------|---|--------------------------------|---------------|-------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| MATERIAL | String | 20 | Material | Material the asset is manufactured with | piPipeMaterial | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the asset | piPipeDiameter | | true | | |
| MAINSHAPE | String | 50 | Main Shape | The shape of the gravity main | piPipeShape | | true | | |
| LINEDYEAR | String | 4 | Year Lined | Year the pipe was lined | | | true | | |
| LINERTYPE | String | 20 | Liner Type | The type of liner | piLiningMethod | | true | | |
| FROMMH | String | 11 | From Manhole | From Manhole | | | true | | |
| TOMH | String | 11 | To Manhole | The downstream manhole | | | true | | |
| WATERTYPE | String | 30 | Water Type | Indicates the type of water in the pipe | ssWaterType | | true | | |

| | | | | | | | | | |
|------------|--------------|----|----------------------|---|-------------------------------|---|------|--|--|
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| SUMFLOW | Double | 8 | Flow Summary | The sum of flow | | | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| DOWNELEV | Double | 8 | Downstream Elevation | The downstream pipe elevation | | | true | | |
| UPELEV | Double | 8 | Upstream Elevation | The upstream pipe elevation | | | true | | |
| SLOPE | Double | 8 | Slope | The slope of the pipe | | | true | | |

ssInlet - FeatureClass

Name ssInlet
ShapeType Point
FeatureType SimpleJunction
AliasName ssInlet
HasM false
HasZ false
HasAttachments false
Description Combined sewer inlets.

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|----------|--------|------------------|--------------------------------------|----------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility ID | Locally assigned Facility Identifier | | | true | | |
| INLETTYPE | String | 50 | Inlet Type | The type of stormwater inlet | piInletTypes | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| ACCESSDIAM | Double | 8 | Access Diameter | Access diameter for the inlet | piAccessDiameter | 24 | true | | |
| INVERTELEV | Double | 8 | Invert Elevation | Invert elevation | | | true | | |
| ACCESSMAT | String | 20 | Access Material | Access material for lid or cover | piPipeMaterial | | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|-------------------------------|-------|------|--|--|
| ACCESSTYPE | String | 20 | Access Type | Method for accessing the opening | piAccessType | Cover | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssLateralLine - FeatureClass

Name ssLateralLine
ShapeType Polyline
FeatureType ComplexEdge

AliasName ssLateralLine

HasM true

HasZ false

HasAttachments false

Description Separated and combined lateral lines.

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|-----------|--------|----------------------|---|--------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| MATERIAL | String | 20 | Material | Material the asset is manufactured with | piPipeMaterial | | true | | |
| LINETYPE | String | 30 | Liner Type | The pipe lining method based on LACP and PACP standards | piLiningMethod | | true | | |
| LOCDESC | String | 50 | Location Description | Text Description of the geographic location | | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the asset | piPipeDiameter | | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|-------------------------------|---|------|--|--|
| DISTANCE | Integer | 4 | Distance | The distance from the service location point | | | true | | |
| WATERTYPE | String | 30 | Water Type | Indicates the type of water in the pipe | ssWaterType | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssManhole - FeatureClass

Name ssManhole

ShapeType Point

FeatureType SimpleJunction

AliasName ssManhole

HasM false

HasZ false

HasAttachments false

Description Manhole features connect two or more pipes and control the flow of water in the network through pipe elevations. Manhole invert elevations are stored on the pipes, instead of the manholes themselves.

Tags SewerStormwater

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|----------|--------|---------------------|--------------------------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility ID | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| HIGHELEV | Double | 8 | High Pipe Elevation | High pipe elevation inside manhole | | | true | | |
| INVERT | Double | 8 | Invert | The depth of the manhole | | | true | | |
| INVERTELEV | Double | 8 | Invert Elevation | The bottom elevation of the manhole | | | true | | |

| | | | | | | | | | |
|-----------|--------|-----|----------------------|---|------------------------------------|--|------|--|--|
| RIMELEV | Double | 8 | Rim Elevation | The elevation of the manhole rim | | | true | | |
| CVTYPE | String | 20 | Cover Type | The type of sewer manhole cover | piManholeCoverType | | true | | |
| WALLMAT | String | 25 | Wall Material | The manhole wall material | piPipeMaterial | | true | | |
| MHTYPE | String | 15 | Manhole Type | The type of manhole | piManholeType | | true | | |
| CONDITION | String | 10 | Manhole Condition | The condition of the asset | Condition | | true | | |
| CUTDEPTH | Double | 8 | Pavement Cut Depth | Pavement Cut Depth | | | true | | |
| FLOWDIR | String | 25 | Flow Direction | Defines the direction of flow using geometric flow direction values | Direction | | true | | |
| LINED | String | 3 | Lined | Indicates if the manhole is lined | YesNo | | true | | |
| GPSDATE | Date | 8 | GPS Date | Date the feature was located with GPS | | | true | | |
| WATERTYPE | String | 30 | Water Type | Indicates the type of water in the pipe | ssWaterType | | true | | |
| LOCDESC | String | 200 | Location Description | A general description of | | | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|-------------------------------|---|------|--|--|
| | | | | the location of the manhole | | | | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| SUMFLOW | Double | 8 | Flow Summary | The sum of flow | | | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssNetworkStructure - FeatureClass

Name ssNetworkStructure
ShapeType Point

FeatureType SimpleJunction
AliasName ssNetworkStructure
HasM false
HasZ false
HasAttachments false
Description Sewer network structures such as treatment plants and pump stations.
Tags SewerStormwater

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|----------|--------|----------------------|---|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| NAME | String | 20 | Name | The name of the network structure | | | true | | |
| OPDATE | Date | 8 | Operational Date | Date when the facility | | | true | | |

| | | | | | | | | | |
|---------------|--------------|----|------------------|---|--|---|------|--|--|
| | | | | was put into service | | | | | |
| STRUCTTYPE | String | 30 | Structure Type | Type of Sewer Network structure | ssNetworkStructureType | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| AncillaryRole | SmallInteger | 2 | AncillaryRole | AncillaryRole | AncillaryRoleDomain | 0 | true | | |

ssOpenDrain - FeatureClass

Name ssOpenDrain
ShapeType Polyline
FeatureType ComplexEdge
AliasName ssOpenDrain
HasM true
HasZ false
HasAttachments false

Description The open drains, sometimes called ditches, that are a part of the stormwater network.

Tags SewerStormwater

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|----------|--------|---------------------|---|--------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| TOPWIDTH | Double | 8 | Top Width | The width at the top of the open drain | | | true | | |
| BOTWIDTH | Double | 8 | Bottom Width | The width at the bottom of the open drain | | | true | | |
| DEPTH | Double | 8 | Depth | The depth of the open drain | | | true | | |
| BEDMATERIAL | String | 50 | Bed Material | The material on the bed of the open drain | piPipeMaterial | | true | | |

| | | | | | | | | | |
|--------------|--------------|----|------------------|---|--------------------------------|---|------|--|--|
| SIDEMATERIAL | String | 50 | Side Material | The material on the side of the open drain | piPipeMaterial | | true | | |
| LEFTSLOPE | Double | 8 | Left Slope | The slope on the left side of the open drain | | | true | | |
| RIGHTSLOPE | Double | 8 | Right Slope | The slope on the right side of the open drain | | | true | | |
| UPTOP | Double | 8 | Uptop | Uptop | | | true | | |
| DWNTOP | Double | 8 | Down Top | Down Top | | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |

| | | | | | | | | | |
|------------|--------|----|-------------|--|--|--|------|--|--|
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
|------------|--------|----|-------------|--|--|--|------|--|--|

ssPressurizedMain - FeatureClass

Name ssPressurizedMain
ShapeType Polyline
FeatureType Simple
AliasName ssPressurizedMain
HasM false
HasZ false
HasAttachments false
Description Separated and combined sewer pressure mains.
Tags SewerStormwater

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|----------|--------|---------------------|---|--------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| MATERIAL | String | 20 | Material | Material the asset is manufactured with | piPipeMaterial | | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|--------------------------------|---|------|--|--|
| DIAMETER | Double | 8 | Diameter | The diameter of the asset | piPipeDiameter | | true | | |
| WATERTYPE | String | 30 | Water Type | Indicates the type of water in the pipe | ssWaterType | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssPump - FeatureClass

Name ssPump
ShapeType Point

FeatureType SimpleJunction
AliasName ssPump
HasM false
HasZ false
HasAttachments false
Description Pumps within the sanitary sewer network.

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|-----------|--------|----------------------|---|--------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility ID | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| PUMPTYPE | String | 50 | Pump Type | The type of pump | ssPumpType | | true | | |
| LOCDESC | String | 200 | Location Description | Text description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| ELEVATION | Double | 8 | Elevation | Elevation value for contour line | | | true | | |
| INLETDIAM | Double | 8 | Inlet Diameter | Diameter of pump inlet | piPipeDiameter | | true | | |

| | | | | | | | | | |
|------------|--------|----|--------------------|--|--------------------------------|--|------|--|--|
| DISCHDIAM | Double | 8 | Discharge Diameter | Diameter of pump discharge | piPipeDiameter | | true | | |
| IMPDIAM | Double | 8 | Impeller Diameter | Diameter of pump impeller | | | true | | |
| RATEDFLOW | String | 20 | Rated Flow | The rated flow typically defined by manufacturer | | | true | | |
| RATEDPRESS | String | 20 | Rated Pressure | The rated pressure typically defined by manufacturer | | | true | | |
| DYNHEAD | String | 20 | Total Dynamic Head | Dynamic head | | | true | | |
| SHUTHEAD | Double | 8 | Shutoff Head | Shut off head | | | true | | |
| DESHEAD | Double | 8 | Design Head | Design Head | | | true | | |
| MAXOPHEAD | Double | 8 | Max Operating Head | Max Operating Head | | | true | | |
| NAME | String | 50 | Name | The name of the facility or location the pump is housed in | | | true | | |
| STATIONID | String | 20 | Station ID | The facility identifier for the related or relevant pump station | | | true | | |
| DESIGNGPM | Double | 8 | Design GPM | Design gallons per minute | | | true | | |

| | | | | | | | | | |
|---------------|--------------|----|-------------------------|---|-------------------------------|---|------|--|--|
| MAXOPDISC | Double | 8 | Max Operating Discharge | Maximum operating discharge flow | | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| AncillaryRole | SmallInteger | 2 | AncillaryRole | AncillaryRole | | 0 | true | | |

ssServiceConnection - FeatureClass

Name ssServiceConnection

ShapeType Point

FeatureType SimpleJunction

AliasName ssServiceConnection

HasM false

HasZ false

HasAttachments false

Description The point at which a customer connects to the sewer service.

Tags SewerStormwater

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|--------------|--------------|--------|----------------------|---|-------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| FACILITYNAME | String | 100 | Facility Name | The name of the facility | | | true | | |
| LARGEMETER | SmallInteger | 2 | Large Meter Flag | Large meter flag | BooleanDomain | 0 | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| ACCOUNTID | String | 20 | Account Identifier | Water billing account identifier | | | true | | |

| | | | | | | | | | |
|------------|--------------|----|---------------------|---|-------------------------------|---|------|--|--|
| LOCATIONID | String | 20 | Location Identifier | Location Identifier | | | true | | |
| CRITICAL | SmallInteger | 2 | Critical Customer | Flag to indicate if this is a Critical Customer | BooleanDomain | 0 | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| SUMFLOW | Double | 8 | Sum Flow | The sum of flow | | | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssSystemValve - FeatureClass

Name ssSystemValve
ShapeType Point
FeatureType SimpleJunction
AliasName ssSystemValve
HasM false
HasZ false
HasAttachments false
Description Separated and combined sewer system valves.
Tags SewerStormwater

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|----------|--------|----------------------|---|--------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the asset | piPipeDiameter | | true | | |

| | | | | | | | | | |
|--------------|--------------|----|--------------------|---|-----------------------------------|---|------|--|--|
| VALVETYPE | String | 30 | Valve Type | Type of system valve | piSystemValveType | | true | | |
| BYPASSVALVE | SmallInteger | 2 | Bypass Valve | Indicates if this is a bypass valve | BooleanDomain | 0 | true | | |
| CLOCKTOCLOSE | SmallInteger | 2 | Clockwise To Close | Indicates if the valve turn direction is Clockwise To Close | BooleanDomain | 1 | true | | |
| NORMALLYOPEN | SmallInteger | 2 | Normally Open | Flag to indicate if the device is normally open | BooleanDomain | 1 | true | | |
| TURNSTOCLOSE | Integer | 4 | Turns To Close | TurnsToClose | | | true | | |
| OPERABLE | SmallInteger | 2 | Operable | Indicates if the valve can be operated | BooleanDomain | 1 | true | | |
| CURROPEN | SmallInteger | 2 | Currently Open | Flag to indicate if the device is currently open | BooleanDomain | 1 | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which | AssetManager | 1 | true | | |

| | | | | | | | | | |
|------------|--------|----|------------------|---|--|--|------|--|--|
| | | | | organization maintains the asset | | | | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssTap - FeatureClass

Name ssTap

ShapeType Point

FeatureType SimpleJunction

AliasName ssTap

HasM false

HasZ false

HasAttachments false

Description A point in which the main is tapped for the purposes of customer service.

Tags SewerStormwater

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|------------|-----------|--------|---------------------|------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned | | | true | | |

| | | | | | | | | | |
|-------------|--------------|-----|----------------------|---|-------------------------------|---|--|------|--|
| | | | | Facility Identifier | | | | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | | true | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | | true | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | | true | |
| CRITICAL | SmallInteger | 2 | Critical Customer | Flag to indicate if this is a Critical Customer | BooleanDomain | 0 | | true | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | | true | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | | true | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | | true | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | | true | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | | true | |

| | | | | | | | | | |
|------------|--------|----|-------------|--|--|--|------|--|--|
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
|------------|--------|----|-------------|--|--|--|------|--|--|

ssTestStation - FeatureClass

Name ssTestStation
ShapeType Point
FeatureType Simple
AliasName ssTestStation
HasM false
HasZ false
HasAttachments false
Description Separated and combined sewer test stations.
Tags SewerStormwater

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|--------------|--------|---------------------|---|-------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|------------------------------|---|------|--|--|
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssValveOperator - FeatureClass

Name ssValveOperator
ShapeType Point
FeatureType Simple
AliasName ssValveOperator
HasM false
HasZ false
HasAttachments false
Description Water network test station locations.

| Field | Data Type | Length | Alias Name | Description | Domain | Default Value | Is Nullable | Precision | Scale |
|-------------|---------------|--------|----------------------|---|-------------------------------|---------------|-------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| VALVEID | String | 20 | Valve Identifier | Foreign key to the sewer valves Facility identifier | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ACTIVEFLAG | Small Integer | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | Small Integer | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | Small Integer | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update | The date the feature was last updated in the maintenance database | | | true | | |

| | | | | | | | | | |
|------------|--------|----|-------------|--|--|--|------|--|--|
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
|------------|--------|----|-------------|--|--|--|------|--|--|

ssVault - FeatureClass

Name ssVault

ShapeType Point

FeatureType Simple

AliasName ssVault

HasM false

HasZ false

HasAttachments false

Description An underground enclosed structure that provides access to sewer assets.

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|-----------|--------|---------------------|--------------------------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LENGTH | Double | 8 | Length | The length of the vault | | | true | | |
| WIDTH | Double | 8 | Width | The width of the vault | | | true | | |

| | | | | | | | | | |
|------------|--------------|-----|----------------------|---|-------------------------------|---|------|--|--|
| DEPTH | Double | 8 | Depth | The depth of the vault | | | true | | |
| FLOORELEV | Double | 8 | Floor Elevation | The floor elevation of the vault | | | true | | |
| LOCDESC | String | 200 | Location Description | Text description of the geographic location | | | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

ssVirtualDrainline - FeatureClass

Name ssVirtualDrainline
ShapeType Polyline
FeatureType ComplexEdge
AliasName ssVirtualDrainline
HasM true
HasZ false
HasAttachments false

Description The virtual lines required for network connectivity, typically found at an outfall and connecting to an open stream network.

Tags Stormwater

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|------------|--------------|--------|------------------|---|-------------------------------|--------------|------------|-----------|-------|
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |

SewerStormwater_Net - GeometricNetwork

Name SewerStormwater_Net

Description

SewerStormwater_Net

OrphanJunctionFeatureClassName SewerStormwater_Net_Junctions

Feature Classes

| |
|-------------------------------|
| ssServiceConnection |
| ssVirtualDrainline |
| ssControlValve |
| ssDischargePoint |
| ssGravityMain |
| ssLateralLine |
| ssManhole |
| ssNetworkStructure |
| ssOpenDrain |
| ssSystemValve |
| ssBend |
| ssCleanOut |
| ssFitting |
| ssInlet |
| ssPump |
| ssTap |
| SewerStormwater Net Junctions |

WaterDistribution - FeatureDataset

Name WaterDistribution
Description WaterDistribution

wAbandonedLine - FeatureClass

Name wAbandonedLine
ShapeType Polyline
FeatureType Simple
AliasName Water Abandoned Lines
HasM true
HasZ false
HasAttachments false
Description Abandoned Water Network Line features.
Tags WaterDistribution

| Field | Data Type | Length | Alias Name | Description | Domain | DefaultValue | Is Nullable | Precision | Scale |
|-------------|-----------|--------|----------------|----------------------------------|--------|--------------|-------------|-----------|-------|
| ABANSOURCE | String | 60 | Source Layer | ABANSOURCE | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| ABANDATE | Date | 8 | Abandoned Date | The date the asset was abandoned | | | true | | |

| | | | | | | | | | |
|------------|--------------|----|---------------------|---|--------------------------------|---|-------|--|--|
| MATERIAL | String | 20 | Material | Material the asset is manufactured with | piPipeMaterial | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the pipe | piPipeDiameter | | true | | |
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| Enabled | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wAbandonedPoint - FeatureClass

Name wAbandonedPoint
ShapeType Point
FeatureType Simple
AliasName Water Abandoned Points
HasM true
HasZ false
HasAttachments false
Description Abandoned Water Network Point features.

Tags

WaterDistribution

| Field | Data Type | Length | Alias Name | Description | Domain | DefaultValue | Is Nullable | Precision | Scale |
|-------------|-----------|--------|---------------------|---|--------------------------------|--------------|-------------|-----------|-------|
| ABANSOURCE | String | 60 | Source Layer | ABANSOURCE | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| ABANDATE | Date | 8 | Abandoned Date | The date the asset was abandoned | | | true | | |
| MATERIAL | String | 20 | Material | Material the asset is manufactured with | piPipeMaterial | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the asset | piPipeDiameter | | true | | |
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

WaterDistribution_Net_Junctions - FeatureClass

Name WaterDistribution_Net_Junctions
ShapeType Point
FeatureType SimpleJunction
AliasName WaterDistribution_Net_Junctions
HasM false
HasZ false
HasAttachments false
Description WaterDistribution_Net_Junctions

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|---------|--------------|--------|-----------|-------------|-------------------------------|--------------|------------|-----------|-------|
| Enabled | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |

WaterPressureZone - FeatureClass

Name WaterPressureZone
ShapeType Polygon
FeatureType Simple
AliasName WaterPressureZone
HasM true
HasZ true
HasAttachments false
Description Water distribution pressure zones.

| Field | Data Type | Length | Alias Name | Description | Domain | DefaultValue | Is Nullable | Precision | Scale |
|---------------|--------------|--------|----------------------|---|--------|--------------|-------------|-----------|-------|
| ZONEID | SmallInteger | 2 | Zone ID | The unique identifier for the pressure zone | | | true | | |
| AVGPRESSURE | Double | 8 | Average Pressure | The average pressure | | | true | | |
| PRESSUREDATE | Date | 8 | Pressure Update Time | The date the pressure was last updated | | | true | | |
| HIGHELEVATION | SmallInteger | 2 | High Elevation | The highest elevation in the pressure zone | | | true | | |
| LOWELEVATION | SmallInteger | 2 | Low Elevation | The lowest elevation in the pressure zone | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

WaterUtilityDistrict - FeatureClass

Name WaterUtilityDistrict
ShapeType Polygon
FeatureType Simple
AliasName WaterUtilityDistrict
HasM true
HasZ true
HasAttachments false

Description The administrative, maintenance and service districts (engineering, operational, pressure, and maintenance) maintained by Water Utility agencies.

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|------------|----------|--------|--------------|--|--|--------------|------------|-----------|-------|
| DISTRICTID | String | 10 | District ID | The unique identifier for the district | | | true | | |
| NAME | String | 50 | Name | The name of the district | | | true | | |
| DISTTYPE | String | 50 | Type | The type of district | WaterUtilityDistrictType | | true | | |
| AGENCY | String | 255 | Agency | The name(s) of the agency responsible for the district | | | true | | |
| AGENCYURL | String | 100 | Website | The URL to the agency web site | | | true | | |
| CONTACT | String | 50 | Contact Name | The contact name | | | true | | |
| PHONE | String | 12 | Phone | The contact phone number | | | true | | |
| EMAIL | String | 100 | Email | The contact email address | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wCasing - FeatureClass

Name wCasing

ShapeType Polyline
FeatureType Simple
AliasName Water Casings
HasM false
HasZ false
HasAttachments false
Description Casings and other protective containers around pipes.
Tags WaterDistribution

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|--------------|--------|-----------------|---|--------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility ID | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the asset | piPipeDiameter | | true | | |
| MATERIAL | String | 20 | Material | Material the asset is manufactured with | piPipeMaterial | | true | | |
| RECORDLENG | Double | 8 | Recorded Length | Recorded length of the casing | | | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|------------------------------|---|-------|--|--|
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wConstructionLine - FeatureClass

Name wConstructionLine

ShapeType Polyline

FeatureType Simple

AliasName Water Construction Lines

HasM false

HasZ false

HasAttachments false

Description Construction Line features used to locate water network features at complex locations.

Tags WaterDistribution

| Field | Data Type | Length | Alias Name | Description | Domain | DefaultValue | Is Nullable | Precision | Scale |
|------------|-----------|--------|------------------|---|--------|--------------|-------------|-----------|-------|
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wControlValve - FeatureClass

Name wControlValve
ShapeType Point
FeatureType SimpleJunction
AliasName Water Control Valves
HasM false
HasZ false
HasAttachments false
Description Water Network Valves that have a control mechanism such as blowoff or relief.
Tags WaterDistribution

| Field | Data Type | Length | Alias Name | Description | Domain | DefaultValue | Is Nullable | Precision | Scale |
|-------|-----------|--------|------------|-------------|--------|--------------|-------------|-----------|-------|
|-------|-----------|--------|------------|-------------|--------|--------------|-------------|-----------|-------|

| | | | | | | | | | |
|-------------|--------------|-----|----------------------|---|------------------------------------|---|------|--|--|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the pipe the valve is attached to | piPipeDiameter | | true | | |
| VALVETYPE | String | 30 | Valve Type | Type of control valve | piControlValveType | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |

| | | | | | | | | | |
|------------|----------|----|------------------|---|--|--|-------|--|--|
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wCurbStopValve - FeatureClass

Name wCurbStopValve
ShapeType Point
FeatureType SimpleJunction
AliasName Water Curb Stop Valves
HasM false
HasZ false
HasAttachments false
Description Water network valves that control flow to a lateral and service connection.
Tags WaterDistribution

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|------------|-----------|--------|---------------------|--------------------------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |

| | | | | | | | | | |
|--------------|--------------|-----|----------------------|--|-----------------------------------|----------|------|--|--|
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the pipe the valve is connected to | piPipeDiameter | 1 | true | | |
| VALVETYPE | String | 30 | Valve Type | Type of curb stop valve | piSystemValveType | Roundway | true | | |
| NORMALLYOPEN | SmallInteger | 2 | Normally Open | Flag to indicate if the device is normally open | BooleanDomain | 1 | true | | |
| TURNSTOCLOSE | Integer | 4 | Turns To Close | TurnsToClose | | | true | | |
| OPERABLE | SmallInteger | 2 | Operable | Indicates if the asset can be operated | BooleanDomain | 1 | true | | |
| CURROPEN | SmallInteger | 2 | Currently Open | Flag to indicate if the device is currently open | BooleanDomain | 1 | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|-------------------------------|---|-------|--|--|
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wElevationPt - FeatureClass

Name wElevationPt
ShapeType Point
FeatureType Simple
AliasName Water Elevation Points
HasM false
HasZ false

HasAttachments false

Description Elevation Point measurements that indicate points of hydraulic significance.

Tags WaterDistribution

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|----------|--------------|--------|----------------|---------------------------------------|-------------------------------|--------------|------------|-----------|-------|
| V DATUM | String | 50 | Vertical Datum | Vertical Datum | | | true | | |
| ELEV | Double | 8 | Elevation | Elevation Value in FT above sea level | | | true | | |
| GPS DATE | Date | 8 | GPS Date | Date the feature was located with GPS | | | true | | |
| Enabled | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wFitting - FeatureClass

Name wFitting

ShapeType Point

FeatureType SimpleJunction

AliasName Water Fittings

HasM false

HasZ false

HasAttachments false

Description Water network features that connect segments of pipe.

Tags WaterDistribution

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|--------------|--------|----------------------|--|-------------------------------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| FITTINGTYPE | String | 50 | Fitting Type | The type of fitting | piFittingType | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last | | | true | | |

| | | | | | | | | | |
|------------|----------|----|-------------|--|--|--|-------|--|--|
| | | | | updated in the maintenance database | | | | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wHydrant - FeatureClass

Name wHydrant
ShapeType Point
FeatureType SimpleJunction
AliasName Water Hydrants
HasM false
HasZ false
HasAttachments false
Description Water network hydrants.
Tags WaterDistribution

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|-----------|--------|---------------------|--------------------------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |

| | | | | | | | | | |
|--------------|--------------|-----|----------------------|--|--------------------------------------|---|------|--|--|
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| MANUFACTURER | String | 30 | Manufacturer | The manufacturer of the hydrant | wHydrantManufacturer | | true | | |
| OPERABLE | SmallInteger | 2 | Operable | Indicates if the hydrant can be operated | BooleanDomain | 1 | true | | |
| LASTSERVICE | Date | 8 | Last Service Date | The last date the hydrant was serviced | | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the | | | true | | |

| | | | | | | | | | |
|------------|----------|----|-----------------|--|--|--|-------|--|--|
| | | | | maintenance database | | | | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| FLOW | Double | 8 | Flow Rate (GPM) | Flow Rate in gallons/minute | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wLateralLine - FeatureClass

Name wLateralLine
ShapeType Polyline
FeatureType ComplexEdge
AliasName Water Lateral Lines
HasM true
HasZ false
HasAttachments false
Description Water network service connection lines.
Tags WaterDistribution

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|------------|-----------|--------|---------------------|--------------------------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |

| | | | | | | | | | |
|-------------|--------------|----|----------------------|--|--------------------------------|----------|------|--|--|
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| MATERIAL | String | 20 | Material | Material the lateral is manufactured with | piPipeMaterial | COP | true | | |
| LINETYPE | String | 30 | Line Type | The type of lateral | wLateralType | Domestic | true | | |
| LOCDESC | String | 50 | Location Description | Text Description of the geographic location | | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the lateral | piPipeDiameter | 1 | true | | |
| WATERTYPE | String | 30 | Water Type | Indicates the type of water in the pipe | wWaterType | Potable | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last | | | true | | |

| | | | | | | | | | |
|------------|----------|----|-------------|--|--|--|-------|--|--|
| | | | | updated in the maintenance database | | | | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wMain - FeatureClass

Name wMain
ShapeType Polyline
FeatureType ComplexEdge
AliasName Water Mains
HasM true
HasZ false
HasAttachments false
Description Water distribution mains.
Tags WaterDistribution

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|----------|--------|---------------------|--------------------------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |

| | | | | | | | | | |
|------------|--------------|----|---------------------|---|--------------------------------|---------|------|--|--|
| MATERIAL | String | 20 | Material | Material the main is manufactured with | piPipeMaterial | PVC | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the main | piPipeDiameter | 12 | true | | |
| WATERTYPE | String | 30 | Water Type | Indicates the type of water in the pipe | wWaterType | Potable | true | | |
| TRANSMISS | String | 5 | Transmission System | Indicates if the main is part of the transmission system | YesNo | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |

| | | | | | | | | | |
|------------|----------|----|-------------|--|--|--|-------|--|--|
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wNetworkStructure - FeatureClass

Name wNetworkStructure

ShapeType Point

FeatureType SimpleJunction

AliasName Water Network Structures

HasM false

HasZ false

HasAttachments false

Description Water network structures such as treatment plants and pump stations.

Tags WaterDistribution

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|-----------|--------|----------------------|--------------------------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of | | | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|--|--------------------------------|-----------------|------|--|--|
| | | | | the geographic location | | | | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| NAME | String | 20 | Name | The name of the facility or location the network structure is housed | | | true | | |
| OPDATE | Date | 8 | Operational Date | Date when the facility was put into service | | | true | | |
| STRUCTTYPE | String | 30 | Structure Type | Type of Sewer Network structure | wStructureType | Treatment Plant | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in | | | true | | |

| | | | | | | | | | |
|---------------|--------------|----|---------------|--|-------------------------------------|---|-------|--|--|
| | | | | the maintenance database | | | | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| AncillaryRole | SmallInteger | 2 | AncillaryRole | AncillaryRole | AncillaryRoleDomain | 0 | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wPump - FeatureClass

Name wPump
ShapeType Point
FeatureType SimpleJunction
AliasName Water Pumps
HasM false
HasZ false
HasAttachments false
Description Pumps within the water network.
Tags WaterDistribution

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|------------|-----------|--------|-------------|--------------------------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility ID | Locally assigned Facility Identifier | | | true | | |

| | | | | | | | | | |
|-------------|--------|-----|----------------------|--|--------------------------------|--|------|--|--|
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| PUMPTYPE | String | 50 | Pump Type | The type of water pump | wPumpType | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| ELEVATION | Double | 8 | Elevation | Elevation value for contour line | | | true | | |
| INLETDIAM | Double | 8 | Inlet Diameter | Diameter of pump inlet | piPipeDiameter | | true | | |
| DISCHDIAM | Double | 8 | Discharge Diameter | Diameter of pump discharge | piPipeDiameter | | true | | |
| RATEDFLOW | String | 20 | Rated Flow | The rated flow typically defined by manufacturer | | | true | | |
| RATEDPRESS | String | 20 | Rated Pressure | The rated pressure typically defined by manufacturer | | | true | | |
| DYNHEAD | String | 20 | Total Dynamic Head | Dynamic Head | | | true | | |
| SHUTHEAD | Double | 8 | Shutoff Head | Shut off Head | | | true | | |
| DESHEAD | Double | 8 | Design Head | Design Head | | | true | | |

| | | | | | | | | | |
|------------|--------------|----|-------------------------|---|-------------------------------|---|------|--|--|
| MAXOPHEAD | Double | 8 | Max Operating Head | Max Operating Head | | | true | | |
| NAME | String | 50 | Name | The name of the facility or location the pump is housed in | | | true | | |
| DESIGNGPM | Double | 8 | Design GPM | Design Gallons per minute | | | true | | |
| MAXOPDISC | Double | 8 | Max Operating Discharge | Max Operating Discharge flow | | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |

| | | | | | | | | | |
|---------------|--------------|----|---------------|--|-------------------------------------|---|-------|--|--|
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| AncillaryRole | SmallInteger | 2 | AncillaryRole | AncillaryRole | AncillaryRoleDomain | 0 | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wSamplingStation - FeatureClass

Name wSamplingStation
ShapeType Point
FeatureType Simple
AliasName Water Sampling Stations
HasM false
HasZ false
HasAttachments false
Description Water sampling points on the network.
Tags WaterDistribution

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-----------|-----------|--------|------------|-----------------------------------|--------|--------------|------------|-----------|-------|
| STATIONID | String | 20 | Station ID | Water sampling station Identifier | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |

| | | | | | | | | | |
|-------------|--------------|-----|-------------------|--|-------------------------------|---|------|--|--|
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| ELEVATION | Double | 8 | Elevation | Elevation value for contour line | | | true | | |
| NAME | String | 50 | Name | The name of the sampling station | | | true | | |
| ADDRESS | String | 255 | Address | Station Address | | | true | | |
| SPDATE | Date | 8 | Sample Date | The date the sample was taken | | | true | | |
| SAMPLEVAL | String | 3 | Sample Value | Sample Value | | | true | | |
| THRESHHIT | String | 3 | Threshold Hit | Indicates if value exceeds threshold | | | true | | |
| DISINFRULE | String | 3 | Disinfection Rule | Disinfection Rule | | | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |

| | | | | | | | | | |
|------------|----------|----|------------------|---|--|--|-------|--|--|
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wServiceConnection - FeatureClass

Name wServiceConnection

ShapeType Point

FeatureType SimpleJunction

AliasName Water Service Connections

HasM false

HasZ false

HasAttachments false

Description A point of service at the end of a lateral where water service is connected. It may be one meter or multiple meters with the same LocationID.

Tags WaterDistribution

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|------------|-----------|--------|---------------------|--------------------------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |

| | | | | | | | | | |
|-------------|--------------|-----|----------------------|--|-----------------------------------|-----|------|--|--|
| ACCOUNTID | String | 30 | Account Number | Water billing account identifier | | | true | | |
| METSERVICE | String | 5 | Metered Service | An indicator used to signify whether the service connection is metered | YesNo | Yes | true | | |
| SERVICETYPE | String | 50 | Service Type | The type of service connection | wServicePointType | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| LOCATIONID | String | 20 | Location Identifier | Location Identifier | | | true | | |
| CRITICAL | SmallInteger | 2 | CriticalCustomer | Flag to indicate if this is a Critical Customer | BooleanDomain | 0 | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which | AssetOwner | 1 | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|------------------------------|---|-------|--|--|
| | | | | organization owns the asset | | | | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wStructure - FeatureClass

Name wStructure
ShapeType Polygon
FeatureType Simple
AliasName Water Structures
HasM false
HasZ false
HasAttachments false
Description Water structures such as treatment plants and pump stations.

| Field | Data Type | Length | Alias Name | Description | Domain | Default Value | Is Nullable | Precision | Scale |
|-------------|--------------|--------|----------------------|--|--------------------------------|---------------|-------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| NAME | String | 20 | Name | The name of the facility or location the network structure is housed | | | true | | |
| OPDATE | Date | 8 | Operational Date | Date when the facility was put into service | | | true | | |
| STRUCTTYPE | String | 30 | Structure Type | Type of water structure | wStructureType | Pump Station | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization | AssetManager | 1 | true | | |

| | | | | | | | | | |
|------------|----------|----|------------------|---|--|--|-------|--|--|
| | | | | maintains the asset | | | | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wSystemValve - FeatureClass

Name wSystemValve

ShapeType Point

FeatureType SimpleJunction

AliasName Water System Valves

HasM false

HasZ false

HasAttachments false

Description Water network valves that do not have a pressure controlling mechanism.

Tags WaterDistribution

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|------------|----------|--------|---------------------|------------------|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned | | | true | | |

| | | | | | | | | | |
|--------------|--------------|-----|----------------------|---|-----------------------------------|---|------|--|--|
| | | | | Facility Identifier | | | | | |
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LOCDESC | String | 200 | Location Description | Text Description of the geographic location | | | true | | |
| ROTATION | Double | 8 | Rotation | Map Symbol Rotation value | | | true | | |
| DIAMETER | Double | 8 | Diameter | The diameter of the asset | piPipeDiameter | | true | | |
| VALVETYPE | String | 30 | Valve Type | Type of system valve | piSystemValveType | | true | | |
| BYPASSVALVE | SmallInteger | 2 | Bypass Valve | Indicates if this is a bypass valve | BooleanDomain | 0 | true | | |
| CLOCKTOCLOSE | SmallInteger | 2 | Clockwise To Close | Indicates if the valve turn direction is Clockwise To Close | BooleanDomain | 1 | true | | |
| NORMALLYOPEN | SmallInteger | 2 | Normally Open | Flag to indicate if the device is normally open | BooleanDomain | 1 | true | | |
| TURNSTOCLOSE | Integer | 4 | Turns To Close | TurnsToClose | | | true | | |
| OPERABLE | SmallInteger | 2 | Operable | Indicates if the hydrant | BooleanDomain | 1 | true | | |

| | | | | | | | | | |
|------------|--------------|----|------------------|---|-------------------------------|---|-------|--|--|
| | | | | can be operated | | | | | |
| HYDRFLAG | SmallInteger | 2 | Hydrant Valve | Indicates if this is a hydrant valve | BooleanDomain | 0 | true | | |
| CURROPEN | SmallInteger | 2 | Currently Open | Flag to indicate if the device is currently open | BooleanDomain | 1 | true | | |
| ENABLED | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| ACTIVEFLAG | SmallInteger | 2 | Active Flag | Indicates if the feature is in use/active | BooleanDomain | 1 | true | | |
| OWNEDBY | SmallInteger | 2 | Owned By | Indicates which organization owns the asset | AssetOwner | 1 | true | | |
| MAINTBY | SmallInteger | 2 | Managed By | Indicates which organization maintains the asset | AssetManager | 1 | true | | |
| LASTUPDATE | Date | 8 | Last Update Date | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

wTestStation - FeatureClass

Name wTestStation
ShapeType Point
FeatureType Simple
AliasName Water Test Stations
HasM false
HasZ false
HasAttachments false
Description Water network test station locations.
Tags WaterDistribution

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|--------------|--------|--------------|---|-------------------------------|--------------|------------|-----------|-------|
| INSTALLDATE | Date | 8 | Install Date | The date the asset was installed | | | true | | |
| LASTUPDATE | Date | 8 | Last Update | The date the feature was last updated in the maintenance database | | | true | | |
| LASTEDITOR | String | 50 | Last Editor | The user who performed the last update | | | true | | |
| Enabled | SmallInteger | 2 | Enabled | Enabled | EnabledDomain | 1 | true | | |
| GlobalID | GlobalID | 38 | GlobalID | GlobalID | | | false | | |

WaterDistribution_Net - GeometricNetwork

Name WaterDistribution_Net
Description WaterDistribution_Net
OrphanJunctionFeatureClassName WaterDistribution_Net_Junctions

Feature Classes

| |
|---------------------------------|
| wCurbStopValve |
| wNetworkStructure |
| wServiceConnection |
| wControlValve |
| wFitting |
| wHydrant |
| wLateralLine |
| wMain |
| wPump |
| wSystemValve |
| WaterDistribution_Net_Junctions |

wMainsWithTraceSummary - FeatureClass

Name wMainsWithTraceSummary
ShapeType Polyline
FeatureType Simple
AliasName wMainsWithTraceSummary

HasM false

HasZ false

HasAttachments false

Description Water mains with trace summary.

| Field | DataType | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|--------------|--------------|--------|------------------------------|---|--------|--------------|------------|-----------|-------|
| FACILITYID | String | 20 | Facility Identifier | Locally assigned Facility Identifier | | | true | | |
| VALVECOUNT | SmallInteger | 2 | Valve Count | The total number of valves along a section of pipe | | | true | | |
| METERCOUNT | SmallInteger | 2 | Meter Count | The total number of meters along a section of pipe | | | true | | |
| NUMCRITMETER | SmallInteger | 2 | Number of Critical Customers | The total number of critical meters along a section of pipe | | | true | | |
| COMMENTS | String | 125 | Comments | Any additional comments | | | true | | |
| REPORTDT | Date | 8 | Report Date | The date the report was created | | | true | | |

DynamicValue - Table

Name DynamicValue

AliasName Dynamic Values

HasAttachments false

Description Table used by Editor Extension to populate field values dynamically. This table automates editing tasks and works with Local Government editing maps.

Tags LocalGovernmentCommon

| Field | Data Type | Length | AliasName | Description | Domain | DefaultValue | IsNullable | Precision | Scale |
|-------------|--------------|--------|-----------------------|--|-------------------------------|--------------|------------|-----------|-------|
| TABLERNAME | String | 254 | Table Name | Name of the table for the rule, * indicates all tables | | | true | | |
| FIELDNAME | String | 64 | Field Name | Name of the field that will be affected | | | true | | |
| VALUEMETHOD | String | 254 | Value Method | Rule to apply to the field | ValueMethod | | true | | |
| VALUEINFO | String | 254 | Value Info | Information associated with the rule, such as a field name to copy | | | true | | |
| ON_CREATE | SmallInteger | 2 | On Create | Indicates whether rule will be applied on creation of feature | EnabledDomain | 1 | true | | |
| ON_CHANGE | SmallInteger | 2 | On Change (Attribute) | Indicates whether rule | EnabledDomain | 1 | true | | |

| | | | | | | | | | |
|---------------|--------------|-----|----------------------|---|-------------------------------|---|------|--|--|
| | | | | will be applied when a feature's attribute is changed | | | | | |
| ON_CHANGE_GEO | SmallInteger | 2 | On Change (Geometry) | Indicates whether rule will be applied when a feature's geometry is changed | BooleanDomain | 1 | true | | |
| ON_MANUAL | SmallInteger | 2 | Manual Only | Indicates whether rule will be applied when run manually | EnabledDomain | 0 | true | | |
| RUN_WEIGHT | SmallInteger | 2 | Rule Weight | A ranking or run order that can be used to govern which order the rules are processed | | | true | | |
| COMMENTS | String | 255 | Comments | Any additional comments needed to define the rule created | | | true | | |

GenerateId - Table

Name GenerateId
AliasName GenerateId

HasAttachments false

Description Table used by Editor Extension to generate unique identification numbers. This table automates editing tasks and works with Local Government editing maps.

| Field | Data Type | Length | Alias Name | Description | Domain | DefaultValue | Is Nullable | Precision | Scale |
|------------|--------------|--------|------------------|---|--------|--------------|-------------|-----------|-------|
| SEQNAME | String | 75 | Sequence Name | The name of the ID sequence | | | true | | |
| SEQCOUNTER | Integer | 4 | Sequence Counter | The incrementing value of the generated IDs | | | true | | |
| SEQINTERV | SmallInteger | 2 | Interval Value | The interval value applied to the sequence | | | true | | |
| COMMENTS | String | 255 | Comments | Any additional comments needed to define the unique ID sequence | | | true | | |

AncillaryRoleDomain - Domain

DomainName AncillaryRoleDomain

FieldType SmallInteger

Domain Type CodedValue

| Code | Name |
|------|--------|
| 0 | None |
| 1 | Source |
| 2 | Sink |

AssetManager - Domain

DomainName AssetManager
Description The manager of the asset
FieldType SmallInteger
Domain Type CodedValue

| Code | Name |
|------|------------|
| 1 | Our Agency |
| -1 | Private |
| -2 | Other |

AssetOwner - Domain

DomainName AssetOwner
Description The owner of the asset
FieldType SmallInteger
Domain Type CodedValue

| Code | Name |
|------|------------|
| 1 | Our Agency |
| -1 | Private |
| -2 | Other |

BooleanDomain - Domain

DomainName BooleanDomain
Description A 0/1 boolean domain
FieldType SmallInteger
Domain Type CodedValue

| Code | Name |
|------|-------|
| 0 | False |
| 1 | True |

Condition - Domain

DomainName Condition
Description The condition of the asset
FieldType String
Domain Type CodedValue

| Code | Name |
|-------------|-------------|
| Excellent | Excellent |
| Very Good | Very Good |
| Good | Good |
| Fair | Fair |
| Poor | Poor |
| Very Poor | Very Poor |
| Unknown | Unknown |

Direction - Domain

| | |
|--------------------|---|
| DomainName | Direction |
| Description | A general description of cardinal direction |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|-------------|-------------|
| East | East |
| North | North |
| South | South |
| West | West |
| Northeast | Northeast |
| Northwest | Northwest |
| Southeast | Southeast |
| Southwest | Southwest |

| | |
|---------------------|---------------------|
| North/South | North/South |
| East/West | East/West |
| Northeast/Northwest | Northeast/Northwest |
| Southeast/Southwest | Southeast/Southwest |

EnabledDomain - Domain

| | |
|--------------------|----------------------------------|
| DomainName | EnabledDomain |
| Description | Geometric Network Enabled domain |
| FieldType | SmallInteger |
| Domain Type | CodedValue |

| Code | Name |
|------|-------|
| 0 | False |
| 1 | True |

piAccessDiameter - Domain

| | |
|--------------------|--|
| DomainName | piAccessDiameter |
| Description | Valid range of infrastructure access diameters |
| FieldType | Double |
| Domain Type | Range |

| | |
|----------------------|----------------------|
| Minimum Value | Maximum Value |
| 0 | 72 |

piAccessType - Domain

DomainName piAccessType
Description List of infrastructure access types
FieldType String
Domain Type CodedValue

| Code | Name |
|-------------|-------------|
| Door | Door |
| Grate | Grate |
| Cover | Cover |
| Hand | Hand |
| Lid | Lid |
| Unknown | Unknown |

piCasings - Domain

DomainName piCasings
Description List of Casing Types
FieldType String
Domain Type CodedValue

| Code | Name |
|-------------------|-------------------|
| Access Tunnel | Access Tunnel |
| Casement | Casement |
| Conduit Bridge | Conduit Bridge |
| Protective Tunnel | Protective Tunnel |
| Other | Other |
| Unknown | Unknown |

piCleanoutTypes - Domain

DomainName piCleanoutTypes
Description List of infrastructure cleanout types
FieldType String
Domain Type CodedValue

| Code | Name |
|--------------------|--------------------|
| Cleanout | Cleanout |
| Flushing Structure | Flushing Structure |
| Lamp Hole | Lamp Hole |
| Other | Other |
| Unknown | Unknown |

piControlValveType - Domain

DomainName piControlValveType
Description List of infrastructure Control Valve Types
FieldType String
Domain Type CodedValue

| Code | Name |
|--------------------|-----------------------|
| Altitude | Altitude |
| Blowoff | Blowoff |
| Combination | Combination |
| Vacuum | Vacuum |
| Air Control | Air Control |
| Air Gap | Air Gap |
| Air Release | Air Release |
| Atmospheric Vacuum | Atmospheric Vacuum |
| Backflow Control | Backflow Control |
| Double Check | Double Check |
| Pressure Vacuum | Pressure Vacuum |
| Pressure Reducer | Pressure Reducer |
| Simple Check | Simple Check |
| Vacuum Breaker | Vacuum Breaker |
| Vacuum Release | Vacuum Release |
| Surge Relief | Surge Relief |
| Snubber | Snubber |
| CLA | CLA |
| RPZ | Reduced Pressure Zone |
| Other | Other |

| | |
|---------|---------|
| Unknown | Unknown |
|---------|---------|

piDischargePointType - Domain

| | |
|--------------------|--|
| DomainName | piDischargePointType |
| Description | List of infrastructure Discharge Point Types |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|-----------------|-----------------|
| Outfall | Outfall |
| Overflow | Overflow |
| Standard Outlet | Standard Outlet |
| Other | Other |
| Unknown | Unknown |

piFittingType - Domain

| | |
|--------------------|--------------------------------------|
| DomainName | piFittingType |
| Description | List of infrastructure Fitting Types |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|-----------------|-----------------|
| Bend | Bend |
| Cap | Cap |
| Coupling | Coupling |
| Cross | Cross |
| Expansion Joint | Expansion Joint |
| Over Under | Over Under |
| Reducer | Reducer |
| Reducing Cross | Reducing Cross |
| Reducing Tee | Reducing Tee |
| Sleeve | Sleeve |
| Tap | Tap |
| Tee | Tee |
| Transition | Transition |
| Other | Other |
| Unknown | Unknown |

piInletTypes - Domain

| | |
|--------------------|---------------------|
| DomainName | piInletTypes |
| Description | List of inlet types |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|-------------|-------------|
|-------------|-------------|

| | |
|--------------------|--------------------|
| Catchbasin | Catchbasin |
| Rear Yard | Rear Yard |
| Roof | Roof |
| Open Lid Manhole | Open Lid Manhole |
| Closed Lid Manhole | Closed Lid Manhole |
| Standard | Standard |
| Other | Other |
| Unknown | Unknown |

piLiningMethod - Domain

| | |
|--------------------|---|
| DomainName | piLiningMethod |
| Description | The pipe lining method based on LACP and PACP standards |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|------|--------------------------------|
| CP | Cured in Place |
| FF | Fold and Form or Deform/Reform |
| SN | Segmented Panel |
| SP | Segmented Pipe |
| SW | Spiral Wound |
| OTH | Other |
| NONE | None |

piManholeCoverType - Domain

DomainName piManholeCoverType
Description List of infrastructure Manhole Cover Types
FieldType String
Domain Type CodedValue

| Code | Name |
|---------------------|---------------------|
| Standard W/ Lock | Standard W/ Lock |
| Standard W/ Ears | Standard W/ Ears |
| Non-District | Non-District |
| Water Tight | Water Tight |
| 27" Diameter | 27" Diameter |
| 42" Diameter | 42" Diameter |
| Large - Water Tight | Large - Water Tight |
| Rectangular | Rectangular |
| Other | Other |
| Unknown | Unknown |

piManholeType - Domain

DomainName piManholeType
Description List of infrastructure Manhole Types
FieldType String
Domain Type CodedValue

| Code | Name |
|-------------|---------------|
| STD | Standard |
| DRP | Drop |
| SPL | Split |
| DIV | Diversion |
| SED | Sedimentation |
| OTH | Other |
| UNK | Unknown |

piPipeDiameter - Domain

| | |
|--------------------|--------------------------|
| DomainName | piPipeDiameter |
| Description | A list of pipe diameters |
| FieldType | Double |
| Domain Type | CodedValue |

| Code | Name |
|-------------|-------------|
| 0.75 | 3/4" |
| 1 | 1" |
| 1.25 | 1 1/4" |
| 1.5 | 1 1/2" |
| 2 | 2" |
| 2.5 | 2 1/2" |
| 3 | 3" |

| | |
|----|---------|
| 4 | 4" |
| 6 | 6" |
| 8 | 8" |
| 10 | 10" |
| 12 | 12" |
| 14 | 14" |
| 15 | 15" |
| 16 | 16" |
| 18 | 18" |
| 20 | 20" |
| 24 | 24" |
| 30 | 30" |
| 36 | 36" |
| 40 | 40" |
| 42 | 42" |
| 48 | 48" |
| 54 | 54" |
| 60 | 60" |
| 66 | 66" |
| 72 | 72" |
| 75 | 75" |
| 0 | Unknown |
| -1 | Other |

piPipeMaterial - Domain

DomainName piPipeMaterial

Description The list of pipe materials types based on the NASSCO standards
FieldType String
Domain Type CodedValue

| Code | Name |
|-------------|------------------------------|
| ABS | ABS Plastic |
| AC | Asbestos Cement |
| ASP | Asphalt |
| BR | Brick |
| CAS | Cast Iron |
| CT | Clay Tile |
| CP | Concrete (Non-Reinforced) |
| CSB | Concrete Segments (Bolted) |
| CSU | Concrete Segments (Unbolted) |
| CMP | Corrugated Metal |
| COP | Copper |
| CIPP | Cured In Place |
| DIP | Ductile Iron |
| FRP | Fiberglass Reinforced |
| EARGEO | Earth & Geotextile |
| EAR | Earthen |
| GEO | Geotextile |
| GP | Galvanized Pipe |
| GRC | Glass Reinforced Cement |
| OB | Pitch Fiber (Orangeburg) |
| PSC | Plastic/Steel Composite |

| | |
|------|--------------------------------|
| PE | Polyethylene |
| PP | Polypropylene |
| PVC | Polyvinyl Chloride |
| PCCP | Pre-Stressed Concrete Cylinder |
| RCP | Reinforced Concrete |
| RPM | Reinforced Plastic (Truss) |
| SB | Segmented Block |
| SP | Steel |
| TTE | Transite |
| VCP | Vitrified Clay |
| WD | Wood |
| OTH | Other |
| UNK | Unknown |
| BMP | Brick Masonry |
| HDPE | High Density Polyethylene |

piPipeShape - Domain

| | |
|--------------------|-------------------------------------|
| DomainName | piPipeShape |
| Description | Sanitary and stormwater pipe shapes |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|----------|----------|
| Circular | Circular |

| | |
|-------------|-------------|
| Horseshoe | Horseshoe |
| Oblong | Oblong |
| Rectangular | Rectangular |
| Trapezoidal | Trapezoidal |
| Triangular | Triangular |
| Other | Other |
| Unknown | Unknown |

piSystemValveType - Domain

| | |
|--------------------|-----------------------------|
| DomainName | piSystemValveType |
| Description | List of system valves types |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|-----------|-----------|
| Ball | Ball |
| Butterfly | Butterfly |
| Cone | Cone |
| Gate | Gate |
| Plug | Plug |
| Roundway | Roundway |
| Other | Other |
| Unknown | Unknown |

ssNetworkStructureType - Domain

| | |
|--------------------|----------------------------------|
| DomainName | ssNetworkStructureType |
| Description | Sanitary network structure types |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|---------------------|---------------------|
| Diversion Chamber | Diversion Chamber |
| Diversion Point | Diversion Point |
| Junction Chamber | Junction Chamber |
| Production Well | Production Well |
| Pump Station | Pump Station |
| Split Manhole | Split Manhole |
| Storage Basin | Storage Basin |
| Tide Chamber | Tide Chamber |
| Treatment Plant | Treatment Plant |
| Lift Station | Lift Station |
| Discharge Structure | Discharge Structure |
| Unknown | Unknown |
| Other | Other |
| Virtual Junction | Virtual Junction |
| Flow Meter | Flow Meter |
| Monitoring Well | Monitoring Well |
| Pump | Pump |
| Backflow Prevention | Backflow Prevention |

| | |
|------------------|------------------|
| Grease Separator | Grease Separator |
|------------------|------------------|

ssPumpType - Domain

| | |
|--------------------|------------------------|
| DomainName | ssPumpType |
| Description | The type of sewer pump |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|-------------|-------------|
| Booster | Booster |
| Chopper | Chopper |
| Grinder | Grinder |
| Non-Clog | Non-Clog |
| Submersible | Submersible |
| Other | Other |
| Unknown | Unknown |

ssWaterType - Domain

| | |
|--------------------|---------------------------|
| DomainName | ssWaterType |
| Description | Sanitary sewer water type |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|-------------|----------------------|
| Treated | Treated Water |
| Combined | Combined Waste Water |
| Potable | Potable Water |
| Raw | Raw Water |
| Reclaimed | Reclaimed Water |
| Salt | Salt Water |
| Sewage | Sewage |
| Storm | Storm Runoff |
| Effluent | Waste Water Effluent |

swNetworkStructureType - Domain

| | |
|--------------------|------------------------------------|
| DomainName | swNetworkStructureType |
| Description | Stormwater network structure types |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|-------------------|-------------------|
| Diversion Chamber | Diversion Chamber |
| Diversion Point | Diversion Point |
| Junction Chamber | Junction Chamber |
| Pump Station | Pump Station |
| Split Manhole | Split Manhole |

| | |
|---------------------|---------------------|
| Storage Basin | Storage Basin |
| Tide Chamber | Tide Chamber |
| Lift Station | Lift Station |
| Discharge Structure | Discharge Structure |
| Unknown | Unknown |
| Other | Other |
| Virtual Junction | Virtual Junction |

swWeirShape - Domain

| | |
|--------------------|----------------------------------|
| DomainName | swWeirShape |
| Description | The shape of the stormwater weir |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|-----------------|-----------------|
| Adjustable Weir | Adjustable Weir |
| Circular | Circular |
| Irregular | Irregular |
| Rectangular | Rectangular |
| Trapezoid | Trapezoid |
| V-Notched | V-Notched |
| Other | Other |

swWeirType - Domain

DomainName swWeirType
Description The type of weir
FieldType String
Domain Type CodedValue

| Code | Name |
|---------------------|---------------------|
| Broad-Crested | Broad-Crested |
| Combination | Combination |
| Labyrinth | Labyrinth |
| Minimum Energy Loss | Minimum Energy Loss |
| Sharp-Crested | Sharp-Crested |
| V-Notch | V-Notch |
| Other | Other |

ValueMethod - Domain

DomainName ValueMethod
Description Rules for setting dynamic field values
FieldType String
Domain Type CodedValue

| Code | Name |
|------------|------------|
| ANGLE | ANGLE |
| AUTONUMBER | AUTONUMBER |

| | |
|----------------------------------|----------------------------------|
| CASCADE_ATTRIBUTE | CASCADE_ATTRIBUTE |
| COPY_FEATURE | COPY_FEATURE |
| COPY_LINKED_RECORD | COPY_LINKED_RECORD |
| CREATE_LINKED_RECORD | CREATE_LINKED_RECORD |
| CREATE_PERP_LINE | CREATE_PERP_LINE |
| CREATE_PERP_LINE_TO_LINE | CREATE_PERP_LINE_TO_LINE |
| CURRENT_USER | CURRENT_USER |
| EDGE_STATS | EDGE_STATS |
| EXPRESSION | EXPRESSION |
| FEATURE_STATS | FEATURE_STATS |
| FIELD | FIELD |
| FIELD_TRIGGER | FIELD_TRIGGER |
| FROM_EDGE_FIELD | FROM_EDGE_FIELD |
| FROM_EDGE_MULTI_FIELD_INTERSECT | FROM_EDGE_MULTI_FIELD_INTERSECT |
| FROM_EDGE_STATS | FROM_EDGE_STATS |
| FROM_JUNCTION_FIELD | FROM_JUNCTION_FIELD |
| GENERATE_ID | GENERATE_ID |
| GENERATE_ID_BY_INTERSECT | GENERATE_ID_BY_INTERSECT |
| GET_ADDRESS_FROM_CENTERLINE | GET_ADDRESS_FROM_CENTERLINE |
| GET_ADDRESS_USING_ARCGIS_SERVICE | GET_ADDRESS_USING_ARCGIS_SERVICE |
| GET_ADDRESS_USING_GEOCODER | GET_ADDRESS_USING_GEOCODER |
| GUID | GUID |
| INTERSECT_STATS | INTERSECT_STATS |
| INTERSECTING_BOOLEAN | INTERSECTING_BOOLEAN |
| INTERSECTING_COUNT | INTERSECTING_COUNT |
| INTERSECTING_EDGE | INTERSECTING_EDGE |
| INTERSECTING_FEATURE | INTERSECTING_FEATURE |
| INTERSECTING_FEATURE_DISTANCE | INTERSECTING_FEATURE_DISTANCE |

| | |
|--------------------------------------|--------------------------------------|
| INTERSECTING_LAYER_DETAILS | INTERSECTING_LAYER_DETAILS |
| INTERSECTING_RASTER | INTERSECTING_RASTER |
| JUNCTION_ROTATION | JUNCTION_ROTATION |
| LAST_VALUE | LAST_VALUE |
| LATITUDE | LATITUDE |
| LENGTH | LENGTH |
| LINK_TABLE_ASSET | LINK_TABLE_ASSET |
| LONGITUDE | LONGITUDE |
| MAP_INFO | MAP_INFO |
| MINIMUM_LENGTH | MINIMUM_LENGTH |
| MULTI_FIELD_INTERSECT | MULTI_FIELD_INTERSECT |
| NEAREST_FEATURE | NEAREST_FEATURE |
| NEAREST_FEATURE_ATTRIBUTES | NEAREST_FEATURE_ATTRIBUTES |
| OFFSET | OFFSET |
| PREVIOUS_VALUE | PREVIOUS_VALUE |
| PROMPT | PROMPT |
| SET_MEASURES | SET_MEASURES |
| SIDE | SIDE |
| SPLIT_INTERSECTING_FEATURE | SPLIT_INTERSECTING_FEATURE |
| TIMESTAMP | TIMESTAMP |
| TO_EDGE_FIELD | TO_EDGE_FIELD |
| TO_EDGE_MULTI_FIELD_INTERSECT | TO_EDGE_MULTI_FIELD_INTERSECT |
| TO_EDGE_STATS | TO_EDGE_STATS |
| TO_JUNCTION_FIELD | TO_JUNCTION_FIELD |
| TRIGGER_AAEVENT_FROM_EDGE | TRIGGER_AAEVENT_FROM_EDGE |
| TRIGGER_AAEVENT_FROM_JUNCTION | TRIGGER_AAEVENT_FROM_JUNCTION |
| TRIGGER_AAEVENT_INTERSECTING_FEATURE | TRIGGER_AAEVENT_INTERSECTING_FEATURE |
| TRIGGER_AAEVENT_TO_EDGE | TRIGGER_AAEVENT_TO_EDGE |

| | |
|-----------------------------|-----------------------------|
| TRIGGER_AAEVENT_TO_JUNCTION | TRIGGER_AAEVENT_TO_JUNCTION |
| UPDATE_FROM_EDGE_FIELD | UPDATE_FROM_EDGE_FIELD |
| UPDATE_FROM_JUNCTION_FIELD | UPDATE_FROM_JUNCTION_FIELD |
| UPDATE_INTERSECTING_FEATURE | UPDATE_INTERSECTING_FEATURE |
| UPDATE_LINKED_RECORD | UPDATE_LINKED_RECORD |
| UPDATE_TO_EDGE_FIELD | UPDATE_TO_EDGE_FIELD |
| UPDATE_TO_JUNCTION_FIELD | UPDATE_TO_JUNCTION_FIELD |
| VALIDATE_ATTRIBUTE_LOOKUP | VALIDATE_ATTRIBUTE_LOOKUP |
| VALIDATE_ATTRIBUTES | VALIDATE_ATTRIBUTES |
| VALIDATE_CONNECTIVITY | VALIDATE_CONNECTIVITY |
| VALIDATE_DOMAIN | VALIDATE_DOMAIN |
| X_COORDINATE | X_COORDINATE |
| Y_COORDINATE | Y_COORDINATE |

WaterUtilityDistrictType - Domain

| | |
|--------------------|---|
| DomainName | WaterUtilityDistrictType |
| Description | The type of water utility administrative area |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|----------------|----------------|
| Administrative | Administrative |
| Engineering | Engineering |
| Inspection | Inspection |

| | |
|-------------|-------------|
| Maintenance | Maintenance |
| Operational | Operational |

wHydrantManufacturer - Domain

| | |
|--------------------|--------------------------------------|
| DomainName | wHydrantManufacturer |
| Description | The name of the hydrant manufacturer |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|---------------------|---------------------|
| American Darling | American Darling |
| Clow Corporation | Clow Corporation |
| Corey | Corey |
| Dresser | Dresser |
| Eddy | Eddy |
| Iowa Valve | Iowa Valve |
| Kennedy Valve | Kennedy Valve |
| M&H Valve | M&H Valve |
| M&H Valve / Dresser | M&H Valve / Dresser |
| Mueller Company | Mueller Company |
| Traverse City | Traverse City |
| US Pipe | US Pipe |
| Waterous | Waterous |
| Wood-Matthews | Wood-Matthews |

| | |
|---------|---------|
| Other | Other |
| Unknown | Unknown |

wLateralType - Domain

| | |
|--------------------|--------------------------|
| DomainName | wLateralType |
| Description | The type of lateral line |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|------------|------------|
| Hydrant | Hydrant |
| Irrigation | Irrigation |
| Other | Other |
| Unknown | Unknown |
| Domestic | Domestic |
| Fire | Fire |
| Industrial | Industrial |
| Commercial | Commercial |

wPumpType - Domain

| | |
|--------------------|------------------------|
| DomainName | wPumpType |
| Description | The type of water pump |
| FieldType | String |

Domain Type

CodedValue

| Code | Name |
|---------------|---------------|
| Axial Flow | Axial Flow |
| Centrifugal | Centrifugal |
| Jet | Jet |
| Reciprocating | Reciprocating |
| Rotary | Rotary |
| Turbine | Turbine |
| Other | Other |
| Unknown | Unknown |

wServicePointType - Domain

DomainName

wServicePointType

Description

The type of service point

FieldType

String

Domain Type

CodedValue

| Code | Name |
|-------------|-------------|
| Domestic | Domestic |
| Commercial | Commercial |
| Industrial | Industrial |
| Fire | Fire |

| | |
|---------|---------|
| Other | Other |
| Unknown | Unknown |

wStructureType - Domain

| | |
|--------------------|------------------------------|
| DomainName | wStructureType |
| Description | The type of water structures |
| FieldType | String |
| Domain Type | CodedValue |

| Code | Name |
|---------------------------|---------------------------|
| Enclosed Storage Facility | Enclosed Storage Facility |
| Production Well | Production Well |
| Pump Station | Pump Station |
| Storage Basin | Storage Basin |
| Treatment Plant | Treatment Plant |
| Meter Station | Meter Station |
| Other | Other |
| Intake | Intake |

wWaterType - Domain

| | |
|--------------------|--|
| DomainName | wWaterType |
| Description | The type of water flowing through pipe |
| FieldType | String |

Domain Type CodedValue

| Code | Name |
|-------------|-----------------|
| Potable | Potable Water |
| Raw | Raw Water |
| Reclaimed | Reclaimed Water |
| Salt | Salt Water |
| Storm | Storm Runoff |
| Treated | Treated Water |

YesNo - Domain

DomainName YesNo
Description A yes/no indicator
FieldType String
Domain Type CodedValue

| Code | Name |
|-------------|-------------|
| Yes | Yes |
| No | No |