

RelcaimedWaterDistribution - FeatureDataset

Name ReclaimedWaterDistribution

Description This dataset contains a collection of features that represent the water distribution network in a community.

rAbandonedLine - FeatureClass

Name rAbandonedLine

ShapeType Polyline

FeatureType Simple

AliasName Reclaimed Water Abandoned Lines

HasM true

HasZ false

HasAttachments false

Description Abandoned Reclaimed Water Network Line features.

Tags ReclaimedWaterDistribution

Field	Data Type	Length	Alias Name	Description	Domain	Default Value	Is Nullable	Precision	Scale
LINETYPE	String	60	Line Type	The type of abandoned line			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	piPipeDiameter		true		

				of the pipe					
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		

rAbandonedPoint - FeatureClass

Name rAbandonedPoint
ShapeType Point
FeatureType Simple
AliasName Reclaimed Water Abandoned Points
HasM true
HasZ false
HasAttachments false
Description Abandoned Reclaimed Water Network Point features.
Tags rWaterDistribution

Field	Data Type	Length	Alias Name	Description	Domain	Default Value	Is Nullable	Precision	Scale
POINTTYPE	String	60	Point Type	Name of feature class that the point			true		

				came from					
INSTALLDATE	Date	8	Install Date	The date the asset was installed			true		
ABANDONDATE	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		

rCasing - FeatureClass

Name rCasing
ShapeType Polyline
FeatureType Simple
AliasName Reclaimed Water Casings
HasM false
HasZ false
HasAttachments false

Description Casings and other protective containers around pipes.

Tags ReclaimedWaterDistribution

Field	Data Type	Length	Alias Name	Description	Domain	Default Value	Is Nullable	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		
RECORDEDLENGTH	Double	8	Recorded Length	Recorded length of the casing			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	AssetOwner	1	true		

				organizati on owns the asset					
MAINTBY	SmallInteger	2	Managed By	Indicates which organizati on maintains the asset	AssetManager	1	true		
LASTUPDATE	Date	8	Last Update Date	The date the feature was last updated in the maintena nce database			true		
LASTEDITOR	String	50	Last Editor	The user who performed the last update			true		

rControlValve - FeatureClass

Name rControlValve
ShapeType Point
FeatureType SimpleJunction
AliasName Reclaimed Water Control Valves
HasM false
HasZ false
HasAttachments false

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

Tags Reclaimed WaterDistribution

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		
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	Small Integer	2	Enabled	Enabled	EnabledDomain	1	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	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		

rCurbStopValve - FeatureClass

Name rCurbStopValve
ShapeType Point
FeatureType SimpleJunction
AliasName Reclaimed Water Curb Stop Valves
HasM false
HasZ false
HasAttachments false

Description Reclaimed Water network valves that control flow to a lateral and service connection.

Tags ReclaimedWaterDistribution

Field	Data Type	Length	Alias Name	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		
NORMALLY OPEN	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		

rFitting - FeatureClass

Name rFitting
ShapeType Point
FeatureType SimpleJunction
AliasName Reclaimed Water Fittings
HasM false
HasZ false
HasAttachments false

Description Reclaimed Water network features that connect segments of pipe.

Tags ReclaimedWaterDistribution

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		
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 updated in the maintenance database			true		
LASTEDITOR	String	50	Last Editor	The user who performed the last update			true		

rHydrant - FeatureClass

Name rHydrant
ShapeType Point
FeatureType SimpleJunction
AliasName Reclaimed Water Hydrants
HasM false
HasZ false
HasAttachments false
Description Reclaimed Water network hydrants.
Tags ReclaimedWaterDistribution

Field	Data Type	Length	Alias Name	Description	Domain	DefaultValue	IsNull able	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			true		

				geographic location					
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			true		

				in the 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		

rLateralLine - FeatureClass

Name rLateralLine
ShapeType Polyline
FeatureType ComplexEdge
AliasName Reclaimed Water Lateral Lines
HasM true
HasZ false
HasAttachments false

Description Reclaimed Water network service connection lines.

Tags ReclaimedWaterDistribution

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 lateral is	piPipeMaterial	COP	true		

				manufactured with					
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 updated in the maintenance database			true		

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

Name rMain
ShapeType Polyline
FeatureType ComplexEdge
AliasName Reclaimed Water Mains
HasM true
HasZ false
HasAttachments false
Description Reclaimed Water distribution mains.
Tags ReclaimedWaterDistribution

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 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	wWaterType	Potable	true		

				in the pipe					
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		

rNetworkStructure - FeatureClass

Name rNetworkStructure
ShapeType Point
FeatureType SimpleJunction
AliasName Reclaimed Water Network Structures
HasM false
HasZ false

HasAttachments false

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

Tags ReclaimedWaterDistribution

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		
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	Pump Station	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	Ancillary Role	Ancillary Role	AncillaryRoleDomain	0	true		

rPump - FeatureClass

Name rPump
ShapeType Point
FeatureType SimpleJunction
AliasName Reclaimed Water Pumps

HasM false

HasZ false

HasAttachments false

Description Pumps within the water network.

Tags ReclaimedWaterDistribution

Field	Data Type	Length	Alias Name	Description	Domain	Default Value	Is Nullable	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			true		

				defined by manufacturer					
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		
MAXOPERATING HEAD	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		
DESIGN GPM	Double	8	Design GPM	Design Gallons per minute			true		
MAX OPERATING DISCHARGE	Double	8	Max Operating Discharge	Max Operating Discharge flow			true		
ENABLED	SmallInteger	2	Enabled	Enabled	EnabledDomain	1	true		
ACTIVE FLAG	SmallInteger	2	Active Flag	Indicates if the feature is in	BooleanDomain	1	true		

				use/active					
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	Ancillary Role	Ancillary Role	AncillaryRoleDomain	0	true		

rServiceMeter - FeatureClass

Name rServiceMeter
ShapeType Point
FeatureType SimpleJunction
AliasName Reclaimed Water Service Meter
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 ReclaimedWaterDistribution

Field	Data Type	Length	Alias Name	Description	Domain	Default Value	Is Nullable	Precision	Scale
FACILITY ID	String	20	Facility Identifier	Locally assigned Facility Identifier			true		
ACCOUNT ID	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		
SERVICE TYPE	String	50	Service Type	The type of service connection	wServicePointType		true		
INSTALL DATE	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		
LOCATION ID	String	20	Location Identifier	Location Identifier			true		
CRITICAL	SmallInteger	2	CriticalCustomer	Flag to indicate	BooleanDomain	0	true		

				if this is a Critical Customer					
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		

rSystemValve - FeatureClass

Name rSystemValve
ShapeType Point
FeatureType SimpleJunction
AliasName Reclaimed Water System Valves
HasM false
HasZ false
HasAttachments false

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

Tags ReclaimedWaterDistribution

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		
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		
NORMALLY OPEN	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 can be operated	BooleanDomain	1	true		
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	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		
