

Simplified Water Distribution UML Model, version 1.0, March, 2003



Source ArcGIS™ Water Distribution Release, June 2001
 Copyright © 2001 Environmental Systems Research Institute, Inc. All rights reserved. ESRI is a trademark of Environmental Systems Research Institute, Inc., registered in the United States and certain other countries; registration is pending in the European Community. ArcGIS is a trademark of Environmental Systems Research Institute, Inc.

Domains

```
«CodedValueDomain»
Domain Class: DomainAdministrativeArea
+FieldType : <unspecified> = esriFieldTypeString
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDuplicate
-TownXYZ : esriFieldTypeString = TownXYZ
-XYZ RWD 1 : esriFieldTypeString = XYZRWD1
```

```
«CodedValueDomain»
Domain Class: DomainWaterType
+FieldType : <unspecified> = esriFieldTypeString
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDuplicate
-Potable Water : esriFieldTypeString = Potable
-Raw Water : esriFieldTypeString = Raw
```

```
«CodedValueDomain»
Domain Class: DomainRepairType
+FieldType : <unspecified> = esriFieldTypeString
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDuplicate
-Full Circle Clamp : esriFieldTypeString = FCC
-Sleeve : esriFieldTypeString = SLV
-Expansion : esriFieldTypeString = EXP
-Gizmo : esriFieldTypeString = GIZ
```

```
«CodedValueDomain»
Domain Class: DomainBoolean
+FieldType : <unspecified> = esriFieldTypeSmallInteger
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDuplicate
-False : esriFieldTypeSmallInteger = 0
-True : esriFieldTypeSmallInteger = 1
```

```
«CodedValueDomain»
Domain Class: DomainFederalID
+FieldType : <unspecified> = esriFieldTypeString
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDuplicate
-xx11510 : esriFieldTypeInteger = xx11510
```

```
«CodedValueDomain»
Domain Class: DomainWaterMaterial
+FieldType : <unspecified> = esriFieldTypeString
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDuplicate
-Asbestos Concrete : esriFieldTypeString = AC
-Brass : esriFieldTypeString = Brass
-Cast Iron : esriFieldTypeString = CI
-Clay : esriFieldTypeString = Cl
-Copper : esriFieldTypeString = CU
-Ductile Iron : esriFieldTypeString = DI
-Plastic : esriFieldTypeString = ABS
-Poly Butylene : esriFieldTypeString = PBE
-Poly Ethelene : esriFieldTypeString = PE
-Poly Vinyl Chloride : esriFieldTypeString = PVC
-Steel : esriFieldTypeString = Steel
-Wood : esriFieldTypeString = Wo
-Unknown : esriFieldTypeString = Unk
```

```
«CodedValueDomain»
Domain Class: DomainBendAngle
+FieldType : <unspecified> = esriFieldTypeInteger
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDuplicate
-11 1/4 Degree : esriFieldTypeInteger = 11
-22 1/2 Degree : esriFieldTypeInteger = 22
-45 Degree : esriFieldTypeInteger = 45
-90 Degree : esriFieldTypeInteger = 90
-Unknown : esriFieldTypeInteger = 0
```

```
«CodedValueDomain»
Domain Class: DomainNonNetworkFeature
+FieldType : <unspecified> = esriFieldTypeString
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDuplicate
-Casing : esriFieldTypeString = Casing
-LineLocation : esriFieldTypeString = LineLocation
-LineSign : esriFieldTypeString = LineSign
-RepairLocation : esriFieldTypeString = RepairLocation
```

```
«CodedValueDomain»
Domain Class: DomainHorizontalCollectionMethod
+FieldType : <unspecified> = esriFieldTypeString
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDefaultValue
-GPS Type1 : esriFieldTypeString = GPS1
-GPS Type2 : esriFieldTypeString = GPS2
-Hand User Defined DOQ Base : esriFieldTypeString = DOQ
-Hand User Defined DRG Base : esriFieldTypeString = DRG
```

```
«CodedValueDomain»
Domain Class: DomainMainDistributionDiameter
+FieldType : <unspecified> = esriFieldTypeDouble
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDefaultValue
-3/4 inch : esriFieldTypeDouble = .75
-1 inch : esriFieldTypeDouble = 1
-1 1/2 inch : esriFieldTypeDouble = 1.5
-2 inch : esriFieldTypeDouble = 2
-2 1/2 inch : esriFieldTypeDouble = 2.5
-3 inch : esriFieldTypeDouble = 3
-4 inch : esriFieldTypeDouble = 4
-5 inch : esriFieldTypeDouble = 5
-6 inch : esriFieldTypeDouble = 6
-8 inch : esriFieldTypeDouble = 8
-10 inch : esriFieldTypeDouble = 10
-12 inch : esriFieldTypeDouble = 12
-14 inch : esriFieldTypeDouble = 14
-15 inch : esriFieldTypeDouble = 15
-16 inch : esriFieldTypeDouble = 16
-18 inch : esriFieldTypeDouble = 18
-20 inch : esriFieldTypeDouble = 20
-24 inch : esriFieldTypeDouble = 24
-Unknown : esriFieldTypeDouble = 0
-Other : esriFieldTypeDouble = -1
```

```
«CodedValueDomain»
Domain Class: DomainElevationCollectionMethod
+FieldType : <unspecified> = esriFieldTypeString
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDefaultValue
-As_Built : esriFieldTypeString = ASB
-DEM : esriFieldTypeString = DEM
-Survey : esriFieldTypeString = SRV
-RTKGPS : esriFieldTypeString = GPS
```

```
«CodedValueDomain»
Domain Class: DomainLifecycleStatus
+FieldType : <unspecified> = esriFieldTypeString
+MergePolicy : <unspecified> = esriMPTDefaultValue
+SplitPolicy : <unspecified> = esriSPTDuplicate
-Active : esriFieldTypeString = Active
-InActive : esriFieldTypeString = InActive
-Emergency : esriFieldTypeString = Emergency
-Standby : esriFieldTypeString = Standby
-Abandoned : esriFieldTypeString = Abandoned
-Removed : esriFieldTypeString = Removed
```