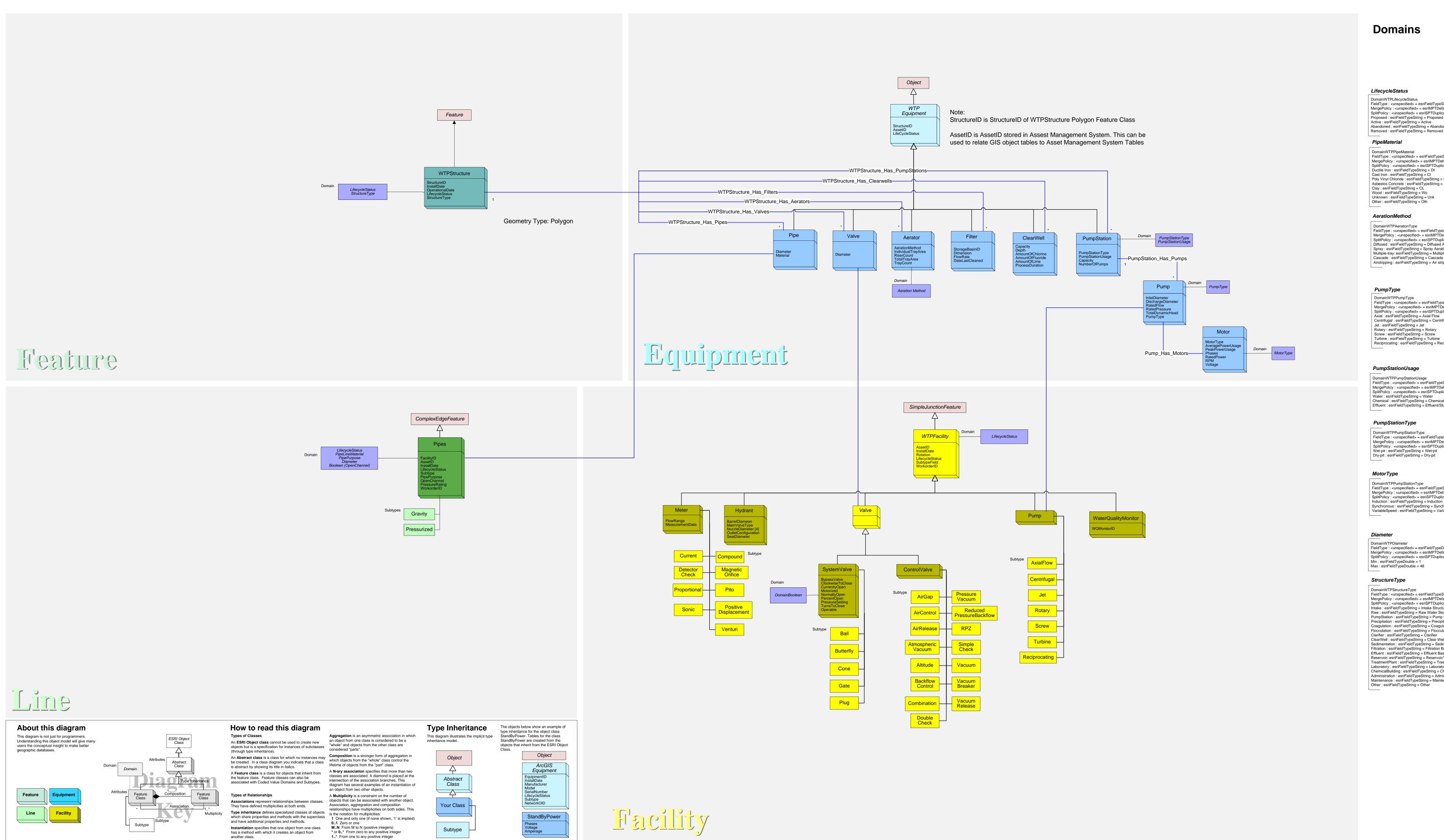


# Water Treatment Plant Data Model (Conceptual) – Hybrid

Version 1.0



# **Domains**

#### LifecycleStatus

DomainWTPLifecycleStatus FieldType : <unspecified> = esriFieldTypeString MergePolicy: <unspecified> = esriMPTDefaultValue SplitPolicy: <unspecified> = esriSPTDuplicate
Proposed: esriFieldTypeString = Proposed Active : esriFieldTypeString = Active
Abandoned : esriFieldTypeString = Abandoned

FieldType : <unspecified> = esriFieldTypeString MergePolicy: <unspecified> = esriMPTDefaultValue SplitPolicy: <unspecified> = esriSPTDuplicate
Ductile Iron: esriFieldTypeString = DI Cast Iron : esriFieldTypeString = CI Poly Vinyl Chloride : esriFieldTypeString = PVC Asbestos Concrete : esriFieldTypeString = AC Clay: esriFieldTypeString = CL Wood: esriFieldTypeString = Wo Unknown: esriFieldTypeString = Unk Other: esriFieldTypeString = Oth

#### AerationMethod

DomainWTPAerationType FieldType : <unspecified> = esriFieldTypeString MergePolicy: <unspecified> = esriMPTDefaultValue
SplitPolicy: <unspecified> = esriSPTDuplicate Diffused : esriFieldTypeString = Diffused Aeration Diffused : esri-leid i ypeString = Diffused Aeration
Spray : esriFieldTypeString = Spray Aeration
Multiple-tray: esriFieldTypeString = Multiple-tray Aeration
Cascade : esriFieldTypeString = Cascade Aeration
Airstripping : esriFieldTypeString = Air strippint Aeration

#### PumpType

DomainWTPPumpType FieldType: <unspecified> = esriFieldTypeString
MergePolicy: <unspecified> = esriMPTDefaultValue
SplitPolicy: <unspecified> = esriSPTDuplicate
Axial: esriFieldTypeString = Axial Flow
Centrifugal: esriFieldTypeString = Centrifugal Jet : esriFieldTypeString = Jet
Rotary : esriFieldTypeString = Rotary
Screw : esriFieldTypeString = Screw
Turbine : esriFieldTypeString = Turbine
Reciprocating : esriFieldTypeString = Reciprocating

### PumpStationUsage

FieldType : <unspecified> = esriFieldTypeString MergePolicy: <unspecified> = esriMPTDefaultValue SplitPolicy: <unspecified> = esriSPTDuplicate
Water: esriFieldTypeString = Water Chemical: esriFieldTypeString = Chemical Mete

## PumpStationType

DomainWTPPumpStationType MergePolicy: <unspecified> = esriMPTDefaultValue Dry-pit : esriFieldTypeString = Dry-pit

# MotorType

DomainWTPPumpStationType FieldType: <unspecified> = esriFieldTypeString
MergePolicy: <unspecified> = esriMPTDefaultValue SplitPolicy : <unspecified> = esriSPTDuplicate Synchronous: esriFieldTypeString = Synchronous VariableSpeed : esriFieldTypeString = Variable Speed

FieldType : <unspecified> = esriFieldTypeDouble
MergePolicy : <unspecified> = esriMPTDefaultValue
SplitPolicy : <unspecified> = esriSPTDuplicate Min : esriFieldTypeDouble = 1
Max : esriFieldTypeDouble = 48

## StructureType

DomainWTPStructureType FieldType : <unspecified> = esriFieldTypeString
MergePolicy : <unspecified> = esriMPTDefaultValue Intake : esriFieldTypeString = Intake Structure Raw: esriFieldTypeString = Raw Water Storage PumpStation: esriFieldTypeString = Pump Station Precipitation: esriFieldTypeString = Precipitation Basin Flocculation: esriFieldTypeString = Flocculation Basin Clarifier: esriFieldTypeString = Clarifier
ClearWell: esriFieldTypeString = Clear Well Sedimentation: esriFieldTypeString = Sedimentation Basin Effluent : esriFieldTypeString = Effluent Basin Reservoir: esriFieldTypeString = Reservoir/Tank
TreatmentPlant : esriFieldTypeString = Treatment Plant Laboratory : esriFieldTypeString = Laboratory Administration: esriFieldTypeString = Administration Building Other : esriFieldTypeString = Other