

Domains (valid values)

Proj_Phase

1 : Planning
2 : Pre Design
3 : Design 30
4 : Design 60
5 : Design 90

Engine_Type

1 : EMGAATS
2 : XPSWMM
3 : EPA SWMM
4 : DHI
5 : HEC-RAS
6 : HEC-HMS
7 : HSPF
8 : WWHM

Model_Purpose

1 : Calibration
2 : Characterization
3 : Alternative
4 : Recommended Plan

Model_Status

1 : Working
2 : Final

Storm_Type

1 : Design
2 : Calibration
3 : Continuous

Model_Alterations

1 : Boundary Conditions
2 : Regression Equations
3 : Roughness

Proj_Type

1 : Combined
2 : Sanitary
3 : Storm
4 : Other

Model Catalog dB

Current_ID table

-Object_Type
<-Current_ID

Simulation table

-Dev_Scenario_ID
-Sim_Desc
-Simulation_ID
-Storm_ID
<-Model_ID->

Model Alterations table

<-Model_ID
-Model_Alteration_ID
-Model_Alteration_Domain_ID

Project_Type table

<-Model_ID
-Project_Type_ID
-Project_Type_Domain_ID

ModelTracking fc

-Model_ID (long int) →
-Parent_Model_ID (long int)
-Project_Num (text)
<--Model_Request_ID (long int)
<--Model_Storm_Type (long int)
<--Project_Type (long int)
<--Project_Phase_ID (long int)
<--Engine_Type_ID (long int)
<--Model_Purpose_ID (long int)
<--Model_Status_ID (long int)
-Create_Date (date)
-Deploy_Date (date)
-Run_Date (date)
-Extract_Date (date)
-Created_by (text)
-Model_Calibration_File (text)
-Model_Alteration_File (text)
-Model_Path (text)

RRAD dB

Model files (capacity)

-Area Results fc
-Directors table
-LinkResults fc
-NodeFloodingResults fc
-NodeResults fc

(Copy from Results.gdb)

Rehab results (structural)

Rehab Results fc

-Rehab_ID->
-COMPKEY
-GLOBALID
-Rehab_ID
-usnode
-dsnode
-diamWidth
-length
-material
-BPW
-APW
-capitolCost
-lateralCost
-manholeCost
-ASMRecommendednBCR
-ASMRecommendedAction
-APWSpot
-APWLiner
-APWWhole
-lateralCOUNT

Rehab Tracking table

<-Rehab_ID
-Extract_Date
-Last_Inspection_Date
-Purpose

Current_ID table

-Object_Type
<-Current_ID

ETL Rehab Results from
BESDBPROD1.REHAB