

# DAM SEEPAGE MODELING

## SEEPAGE MODELING METADATA TABLES

In the tables below, the modeler will need to identify which scenario their descriptions apply to in the second column or copy the Input tables to better describe each scenario. For example, it may be likely that different scenarios use different loading conditions, or material parameters; these should be described and assigned to a scenario.

### General Information:

Category	Description
Project Name:	
Model Purpose:	
Confidential Nature of Model:	
Date of last edits:	
Engineering Firm(s):	
Modeler/Originator:	
Contact(s) for digital file sharing: (i.e., owner, regulator, engineering firm)	
Software Name and Version:	
Analysis Method (e.g., steady-state, transient)	
Limitations:	

**Analysis Scenario Information:**

Copy table as needed for multiple scenarios.

<b>Category</b>	<b>Description</b>
Analysis Scenario ID:	
Boundary Conditions (e.g., forebay and tailrace levels, other differentiators)	
Mesh size and type	
Convergence Settings	

**Materials Information:**

Copy table as needed for each material.

<b>Category</b>	<b>Description</b>
Material ID	
Material Model (e.g., Saturated or Unsaturated)	
Key Seepage Parameters (e.g., permeability and anisotropy for Saturated, additionally provide water content/suction/ conductivity functions for Unsaturated)	
Applicable Analysis Scenarios	