

### Instructions for Form NP 9-2-1

The parameter data entry form is used to transition from the analysis of the parameter assignment to the data entry of the parameter database. All the information on this form should come from the analysis report from which the parameter assignment is made.

**SNL QA** – Indicate yes or no as to whether or not this parameter has been developed and is approved for use in a compliance decision calculation (CD).

**New, Change in Value or Justification or both** – Select whether this is an entirely new parameter or whether this is an update to the value or to the source documentation which includes updates to the form entries.

**Material Name, and Description** – Provide a definition of the material to be created. The label describes the performance assessment model parameter name for the physical or operational meaning for the parameter (for example, SAT\_RBRN means residual brine saturation).

**Parameter Type** – Select from the drop down box either Conceptual Model, Numerical Model, Reference or Inventory parameters

**Associated Analysis** – Associate the parameter with an Analysis Calculation (e.g., CCA, PAVT etc.) usually defined by a NP 9-1 Analysis Plan and defined by the calculation manager or designee. This analysis must already be defined (via Form NP 9-2-3) in the parameter database.

**Justification Document(s)** - Justification sources are to be developed per the SNL QA program and are provided here as references only. Identify and attach (as appropriate) the documents that provide the objective evidence of the parameters creation, value or justification change. The source of the parameter value and the rationale for the parameter's distribution should help clarify the use of a particular parameter.

Parameter Record Sources are

Source	Description
Experimental Program	Experimental Data
Technical Literature	Values compiled from technical literature
Computer Code	Data output from a computer Code (e.g., FMT, NUTS etc.,)
Abstraction	Derived from other information source or data
Inventory Report	Any data used directly off an inventory report
Assumption	Any assumption made against base data
EPA mandate	Any change mandated by the EPA
Analysis Plan, Report or Routine Calculation	Derived per NP 9-1 Analyses

Other relevant background information is also included in this section, where clarification is appropriate.

**ERMS for Planning Document** – Input the Record Centers unique identifier for the planning document under which this parameter was initiated (e.g., Analysis Plan, Test Plan, etc.). All

parameter development will follow NP 9-1, Analyses, NP 20-1, Test Plans, or NP 20-2, Scientific Notebooks as appropriate.

**Concurrence** – Approval of the parameter (Requester, and PA Manager)

**Data Entry** – Database management activities for entering data into the parameter database by the database administrator (DBA).

**QA Reviewer/Checker** - . The QA Reviewer shall verify that the values in the database are identical to those on the justification document and once complete the QA Reviewer submits the parameter record package to the Records Center.