

# Appendix I

## Directory and File Naming Convention

### 1.0 Purpose

The purpose of this appendix is to document and present the directory and file naming convention used for the SPDSS alluvial groundwater flow model.

### 2.0 Data Sources and Calculation Methods

The directory structure and file naming conventions were adapted from the RGDSS.

### 3.0 Results

An established file and directory naming convention is important to create consistency and clarity in the modeling process. Thus, the established directory and file naming convention used in the RGSSS was used for the SPDSS groundwater component. Even though many of the applications and tools in the groundwater modeling process are directory independent, it is recommended the structure outlined in Table I-1 be followed. Table I-1 identifies the organization of CDSS files, executable programs, source code and documentation of executable programs, supporting files for model input, model files and model output.

**Table I-1 Groundwater Modeling Directory Structure**

<b>CDSS GIS Files</b>	
CDSS/GIS/div1	CDSS GIS files
<b>Executable Programs</b>	
CDSS/Bin	Executable programs
C:/Program Files/GMS 6.0/	GMS
<b>Program Source Codes</b>	
CDSS/src/src_build_SFR	SFR Generator source code
CDSS/src/src_SFRtools	CDSS SFR Tools source code
CDSS/src/src_GMSgrid	GMS Grid Converter source code
CDSS/src/src_Modflow_div1	Modflow source code
CDSS/src/src_StatePP	StatePP source code
CDSS/src/src_StateCU	StateCU source code
CDSS/src/src_...	Other source code
<b>Program Documentation</b>	
CDSS/doc/build_SFR	SFR Generator documentation
CDSS/doc/SFRtools	CDSS SFR Tools documentation
CDSS/doc/GMSgrid	GMS Grid Converter documentation
CDSS/doc/Modflow_div1	Modflow documentation
CDSS/doc/StatePP	StatePP documentation
CDSS/doc/StateCU	StateCU documentation

CDSS/doc/...	Other documentation
<b>Input Data Processing</b>	
CDSS/GWmodel/div1/Config	Supporting files for layer development
CDSS/GWmodel/div1/Database	Modeling database and geodatabase
CDSS/GWmodel/div1/Drn	Supporting files for drain development
CDSS/GWmodel/div1/ET	Supporting files for ET development
CDSS/GWmodel/div1/GainLoss	Supporting files for gain loss calculations
CDSS/GWmodel/div1/Head	Supporting files for head development
CDSS/GWmodel/div1/Properties	Supporting files for properties
CDSS/GWmodel/div1/Recharge	Supporting files for recharge
CDSS/GWmodel/div1/StatePP	Supporting files for StatePP development
CDSS/GWmodel/div1/SFR	Supporting files for stream development
CDSS/GWmodel/div1/Wel	Supporting files for well development
C:/SPDSS	SFR Generator working directory
<b>Model Execution Directory</b>	
CDSS/GWmodel/div1/Series	Model input data, GMS data, and output
<b>Model Output Processing</b>	
CDSS/GWmodel/div1/Series/Process	Processing of model output

A file naming convention for the modeling databases was established in the Task 50.4 TM, Appendix J. This naming convention was followed for databases used in the Task 48 modeling.