

SLAMM – Batch Processing Work Flow

1. Open up WinSLAMM
2. Click on “File”, “Output Format Options”
 - Click on “Save Outfall Runoff and Particulate Loading for WinDETPOND Analysis”.
3. Click on “Run”
 - “Run Batch Editor” A warning will pop up about deleting any data that was in the input module, click on yes to continue.
4. The WinSlamm Batch Editor will open up
 - Click on “Options”
 - i. “Select Path for Standard Land Use Files”

Browse through directory to the location of the Standard Land Use files specific to the site.

 - Standard land use file must begin with “SLU/” in their site description
 - Verify the input files are appropriate using the <http://wi.water.usgs.gov/slamm/readme9.2.html> website. (This website has parameter files to use for Version 9.2 of SLAMM.)
 - ii. “Select Destination Path for Creating Files”

Browse through directory to the location of where you would like the files to be saved.
 - iii. “Planning File Editor”

An editing screen will open up.

 - a. Enter Outfall Label
 - b. Enter Soil Type
 - c. Enter Land Use Type
 - d. Enter Area

* Note: Cannot have the same soil type and land use type entered twice and must have more than 1 entry. If you have only 1 entry, enter in a dummy soil, landuse and area and delete the dummy entry in the output after you have run the model.

 - e. Click on “File”, “Save As”. This creates a PLA file.
 - f. Click on “File”, “Exit”.
 - iv. Click on “Create and Run a Series of DAT files from a Drainage Basin Land Use Database”
 - a. Find and select the PLA file want to run.
 - b. Running the file will create an individual DAT and ORP file for each soil and land use combination. ORP files are data files that display the TSS generated for each landuse. When multiple landuses are in a watershed, WinSLAMM creates multiple ORP files, one for each soil and landuse combination.

5. In order to enter in the drainage basin runoff procedure in WinDETPOND, the ORP files generated from WinSLAMM are needed. WinDETPOND can only have one ORP file entered; therefore, a combined ORP file needs to be created. ORP files consist of 3 columns of information: the rainfall event number, the runoff volume at the outfall for that rainfall event and the particulate loading at the outfall for that rainfall event. To create a combined ORP file, follow the following steps:
 - Open, copy and paste all of the ORP files flowing to the BMP into excel.
 - Make a “Combined” column, adding up the runoff volume and particulate loading values (the two last columns) for each rainfall event. Save this file as an excel file.
 - Copy and paste special (values) the combined data in a separate excel file. Data should include the rainfall event, runoff volume and particulate loading. Remove column labels. Add a row at the top of the file with the location and dates of the rain file. (This can be copied from the individual ORP files). Save this file as a CSV file.
 - Open the CSV file in notepad and saved as an ORP file. This file can be used in WinDETPOND.
6. Other information that needs to be entered into WinDETPOND include:
 - The stage-area information
 - The outlet parameters
 - The rainfall information (which must be the same as used in WinSLAMM).