

PCSM Spreadsheet Review Checklist

1. General

- a. Correct Version of the Worksheet was utilized
- b. Number of Spreadsheets and Discharge points provided is correct
- c. Final Page signed and sealed

2. General Information Tab

- a. Top Section (Project Name, Location, type) Matches NOI and Plans
- b. Total Project Site Area (across all spreadsheets) matches Plans and NOI
- c. Total Earth Disturbance (across all spreadsheets) matches Plan and NOI
- d. Number of Discharge Points is accurate and match Plan Designations
- e. *Change* in Impervious Surface (all Spreadsheets) match the NOI, Rate Analysis and Plans.
- f. Receiving Waters are correct and match NOI.
- g. Is Small Site Exception Valid?

3. Volume Tab-Volume to Manage

- a. Precipitation value is accurate. Adequate reference has been provided
- b. Exempt for Meadow Correctly selected.
- c. Alternate Calculations provided if required.
- d. Land Cover properly categorized
- e. Impervious Surface type is accurate
- f. 20% Rule has been applied properly
- g. Change in Impervious is correct and consistent with General Tab and Rate Analysis

4. Volume Tab-BMP Volume Credits

- a. Tree Planting Credit Matches Plan
- b. "Other" Section Accurate and Calculations attached.
- c. BMP's have been Correctly Selected and Consistent with Key Design Elements
- d. BMP's Properly Routed in Series
- e. Inflow Volume is Correct and calculations provided if required
- f. Area, Storage Volumes are correct - reported at first outlet
- g. Infiltration Rate, Dewatering Time Properly calculated.
- h. Infiltration rates match soil testing results with appropriate Factor of Safety
- i. Media Depth Matches Plans

5. WQ Tab

- a. Undetained Ares Properly Categorized
- b. "Other" Credits-Calculations provided and BMP's Meet key design elements
- c. "Other" BMP's identified on the plans.
- d. Manufacture Data on pollutant removals, proper sizing provided for manufactured items