d:\swatplus\_code\Rev40\_docs

**REVISION 40 – October 23, 2017**

1. NEW\_INPUT\_FILES

Contains a list of new input files that are being tested.

1. NEW\_OUTPUT\_FILES

Contains a list of new output files being review.

1. Existing output files

List of changes in output files

1. Existing input files

List of changes in input files

1. Other

Other files that were modified in this revision.

1. **NEW INPUT FILES**
2. **NEW OUTPUT FILES**
3. **EXISTING OUTPUT FILES**
4. **EXISTING INPUT FILES**

* PLANTS.PLT database file: added TRITICALE plant to bottom of list (taken from EPIC CROPCOM.DAT file)
* HYDROLOGY.HYD – depth to impermeable soil layer (DEP\_IMP) default changed in code; changed this column == 5000. in all commit datasets;
* NUMB column deleted from WEATHER-STA.CLI file; (all commit datasets updated)
* FILE.CIO – renamed rout\_unit.**ru** to rout\_unit.**rtu**
* LANDUSE.LUM – CAL\_GROUP column added

1. **OTHER**

Deleted the following modules as a result of code cleanup; these modules were previously used in the HRU\_MODULE routine;

MGTOPS\_MODULE.F90

PLANT\_MODULE.F90

SURF\_RUNOFF.MODULE.F90

EROSION\_MODULE.F90

PESTICIDE\_MODULE.F90

NUTRIENT\_MODULE.F90

EVAPOTRANS\_MODULE.F90

STRUCTURAL\_MGT\_PRACTICES.F90

SEPTIC\_MODULE.F90

SOIL\_TEMPERATURE\_MODULE.F90

SURFSTORE\_MODULE.F90

WIND\_EROSION.F90

OTHER\_MODULE.F90

Deleted following routines (not currently being called):

SUB\_SUBBASIN.F90