d:\swatplus\_code\Rev47\_docs

**REVISION 47 – April 2, 2018**

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**

Changes/reorders in FILE.CIO:

* CONSTITUENTS.CS moved to SIMULATION
* BASIN moved to below SIMULATION
* CHANNEL added:

pathogens.cha metals.cha salt.cha

* RESERVOIR added:

pathogens.res metals.res salt.res

* EXCO moved below HRU

EXCO added: exco.exc exco\_om.exc exco\_pest.exc exco\_path.exc exco\_hmet.exc exco\_salt.exc

* RECALL moved from EXCO above on a line of its’ own - recall.rec (only)  
  RECALL recall.rec
* DR added: dr\_om.del dr\_pest.del dr\_path.del dr\_hmet.del dr\_salt.del
* HRU\_PARM\_DB (old PARM\_DB) added: pathogens.pth metals.mtl salts.slt
* BACTERIA removed
* CONSTITUENTS removed
* INITIAL added: pest\_soil.ini pest\_water.ini path\_soil.ini path\_water.ini hmet\_soil.ini salt\_soil.ini salt\_water.ini

FILES renamed from the file.cio transition above:

**OLD NEW**

INITIAL.PLT 🡪 PLANT.INI

INITIAL.PST 🡪 PEST\_SOIL.INI

INITIAL.BAC 🡪 PATH\_SOIL.INI

BACTERIA.BAC 🡪 PATHOGENS.PTH

* ALL CONNECT FILES: added a num column after the name for Jaclyn/Chris GIS number.  
   read (107,\*,iostat=eof) k, ob(i)%name, **ob(i)%num**, ob(i)%area\_ha,

1. **OTHER**

* deleted PLANT\_PARAMETER\_MODULE.F90 (not being used)
* deleted Pestcom\_db\_read.f90
* pst\_read\_lsinit.f90
* added EXCO\_MODULE.F90
* added EXCO\_DB\_READ.F90
* added DR\_MODULE.F90
* added DR\_DB\_READ.F90