d:\modular\_datasets\_rev57\revision\_notes\Rev57\_docs

**REVISION 57 – December 17, 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**

Added new decision table file: flo\_con.dtl

1. **NEW OUTPUT FILES**

New pesticide output files added. If the time series (day/month/year/aa for PEST in the PRINT.PRT file are set to ‘y’ the following pesticide files will be printed.

**NOTE**: these files are currently active, but have not been tested properly in this revision.

**HRU\_PESTICIDE:**

hru\_pest\_day.txt

hru\_pest\_mon.txt

hru\_pest\_yr.txt

hru\_pest\_aa.txt

**CHANNEL\_PESTICIDE:**

channel\_pest\_day.txt

channel\_pest\_mon.txt

channel\_pest\_yr.txt

channel\_pest\_aa.txt

**RESERVOIR\_PESTICIDE:**

reservoir\_pest\_day.txt

reservoir\_pest\_mon.txt

reservoir\_pest\_yr.txt

reservoir\_pest\_aa.txt

**BASIN\_CHANNEL\_PESTICIDE:**

basin\_ch\_pest\_day.txt

basin\_ch\_pest\_mon.txt

basin\_ch\_pest\_yr.txt

basin\_ch\_pest\_aa.txt

**BASIN\_RESERVOIR\_PESTICIDE:**

basin\_res\_pest\_day.txt

basin\_res\_pest\_mon.txt

basin\_res\_pest\_yr.txt

basin\_res\_pest\_aa.txt

**BASIN\_LS\_PESTICIDE:**

basin\_ls\_pest\_day.txt

basin\_ls\_pest\_mon.txt

basin\_ls\_pest\_yr.txt

basin\_ls\_pest\_aa.txt

1. **EXISTING OUTPUT FILES**
2. **EXISTING INPUT FILES**
3. recall\_day.rec/recall\_mon.rec/recall\_ann.rec updated (2\_stage dataset) to remove inputs in from previous revision:

PSOL, PSOR, BACP, BACLP, MET1, MET2, MET3

1. FILE.CIO – added the new decision table name to COND section

COND lum.dtl res\_rel.dtl scen\_lu.dtl **flo\_con.dtl**

1. PRINT.PRT – added CS\_PEST to file for constituents print (last line of print.prt)
2. AQUIFER.AQU – STOR column changed to DEP\_BOT (10.0)  
    HGT column changed to DEP\_WT (5.0)
3. **OTHER**

* Added following subroutines:

RLS\_ROUTETILE.F90

DTBL\_FLOCON\_READ.F90

HRU\_DTBL\_ACTIONS.F90

HRU\_PESTICIDE\_OUTPUT.F90

CH\_PESTICIDE\_MODULE.F90

CH\_PESTICIDE\_OUTPUT.F90

RES\_PEST\_MODULE.F90

RES\_PEST\_OUTPUT.F90

BASIN\_CH\_PEST\_OUTPUT.F90

BASIN\_RES\_PEST\_OUTPUT.F90

BASIN\_LS\_PEST\_OUTPUT.F90

0.

* Added: saturated\_buffer input data files to the commit datasets
* Added: 2\_stage\_constituents input data files to the commit datasets
* Removed: 2\_stage commit dataset
* Renamed the following subroutines:

pst\_apply.f90 – pest\_apply.f90

pst\_decay.f90 – pest\_decay.f90

pst\_enrsb.f90 – pest\_enrsb.f90

pst\_lch – pest.lch.f90

pst\_pesty.f90 – pest\_pesty.f90

pst\_soil\_tot.f90 – pest\_soil\_tot.f90

pst\_washp.f90 – pest\_washp.f90

pestparm\_read.f90 – pest\_parm\_read.f90

plantparm\_read.f90 – plant\_parm\_read.f90

tillparm\_read.f90 – till\_parm\_read.f90

fertparm\_read.f90 – fert\_parm\_read.f90

urbanparm\_read.f90 – urban\_parm\_read.f90

pathparm\_read.f90 – path\_parm\_read.f90

septicparm\_read.f90 – septic\_parm\_read.f90