To: Robert Law[rlaw@demaximis.com]
Cc: Naranjo, Eugenia[Naranjo.Eugenia@epa.gov]
From: Vaughn, Stephanie
Sent: Fri 2/27/2015 4:25:16 PM
Subject: Scour code and input file....
scourcells.out.9596_0015

Hi Rob,

The carbon simplification provided in December has code to include scour in the cells where the CPG has included scour in the sedtran model. No scour input files were provided with the AOC model and the code to read the scour information (listed below – 8 variables spread over 152 columns) is inconsistent with the format of the input file provided with the sedtran model in July (attached - 7 variables spread over 82 columns). This took some effort to track down as the model successfully read the input file and crashed later in another location. Could you please provide the appropriate input files to match the code?

Below is the code for the scour read (rca-stread.f line 53):

```
C     read nav scour inputs

      open(52,file='scourcells_rev.out')

      scournum=1

      do while (1.eq.1)

        read(52,'(2i6,56x,6f14.0)',end=800)scouri(scournum),

     +        scourj(scournum),scourdays(scournum),scourdpth(scournum),

     +        scourccoh10(scournum),scourcncoh10(scournum),

     +        scourccohar(scournum),scourcncohar(scournum)

        scournum = scournum+1

      enddo

800   scournum = scournum-1
```

Thanks,

Stephanie