To: James Wands[James.Wands@hdrinc.com]; 'Garland, Edward (Edward.Garland@hdrinc.com)'[Edward.Garland@hdrinc.com]
Cc: Vaughn, Stephanie[Vaughn.Stephanie@epa.gov]; Willard Potter (otto@demaximis.com)[otto@demaximis.com]; Robert Law[rlaw@demaximis.com]; John Connolly[jconnolly@anchorqea.com]; Peter Israelsson[pisraelsson@anchorqea.com]; Peter Oates[poates@anchorqea.com]; Vicki List[vlist@anchorqea.com]
From: Wen Ku
Sent: Tue 3/3/2015 10:46:11 PM
Subject: RE: Modeling questions....
Concatenate.prn

Hi Ed and James,

As requested, attached please find a zip file (please rename .prn to .zip) that contains the following tools to create annual files:

•□□□□□□□□ DOS batch procedures to concatenate individual hydro coupling files for each year of calibration (request 2). The batch procedures differ slightly from year to year corresponding to the time chunks within each year.

•□□□□□□□□ Similar to files provided above, DOS batch procedures and a Fortran program to concatenate individual sedtran coupling files for each year of calibration (request 2).

•□□□□□□□□ Similar to files provided above, DOS batch procedures to concatenate individual carbon model output files for each year of calibration (request 3).

Feel free to let us know if you have any questions about these procedures. We will follow with the updated foodchain processor in the next day or so (request 1).

Thanks.

Wen

Wen Ku

ANCHOR QEA, LLC

123 Tice Boulevard, Suite 205

Woodcliff Lake, NJ 07677

T 201.930.9890 x 872

D 201.571.0872

F 201.930.9805

This electronic message transmission contains information that may be confidential and/or privileged work product prepared in anticipation of litigation. The information is intended for the use of the individual or entity named above. If you are not the intended

recipient, please be aware that any disclosure, copying distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by telephone at (201) 930-9890.

Begin forwarded message:

From: "Vaughn, Stephanie" <Vaughn.Stephanie@epa.gov>
Date: February 23, 2015 at 10:41:47 EST
To: "Robert Law" <rlaw@demaximis.com>
Subject: Modeling questions....

Hi Rob,

We have a few more questions for your modeling team:

1. We were assuming that the processing tools we received from you previously would work to generate the foodchain model inputs from the new contaminant model outputs. However, the previous contaminant model did not include the fluff layer, so that must not be the case. We would like to request the updated version of their foodchain processors.

2. The carbon simplification was run using annual hydrodynamic and sediment transport output files. Could you provide the tools used to combine the ECOM outputs for the various time "chunks" for each year into an annual file?

3. The carbon model was run for the same time chunks as ECOM. Those outputs were also combined into annual files. None of the standard RCA outputs nor restart files have been provided for the carbon model. In addition the carbon flux outputs for the individual time chunks have not been provided. These outputs have been provided on an annual basis, but the individual files and the processors used to combine them have not. We would like to request the tools used to generate the annual files. I don't think we need the individual files (due to their size) unless we are not able to reproduce the annual files by running the model and using the your tools to combine the outputs.

Thanks,

Stephanie