Message

From: Hodgkiss, Miranda [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=9D441DDB44AC4ED486058D2C2690B977-HODGKISS, MIRANDA]
Sent: 10/30/2018 12:07:17 AM
To: King, Amy [amy.king@tetratech.com]; Schmidt, Michelle [Michelle.Schmidt@tetratech.com]
Subject: RE: Deschutes Files
Attachments: Deschutes Bacteria TMDL Calculations_draft to Ecology_4142017.xlsx

Sounds good!

Also, I just got this spreadsheet from Andrew. It matches the numbers in the 2017 submittal. The difference from the previous 30-day flow spreadsheet I sent is that this version appears to use a different flow percentile for the 30Q10 value. It's good to have this so we know how the loads were calculated, and then we can talk later about what flow we want to use, and if we want to adjust anything else (e.g. the WLA/LA ratio).

Thanks,

Miranda

From: King, Amy <amy.king@tetratech.com>
Sent: Monday, October 29, 2018 12:59 PM
To: Hodgkiss, Miranda <Hodgkiss.Miranda@epa.gov>; Schmidt, Michelle <Michelle.Schmidt@tetratech.com>
Subject: RE: Deschutes Files

Great news! We'll take a look and will be in touch.

From: Hodgkiss, Miranda <Hodgkiss.Miranda@epa.gov>
Sent: Monday, October 29, 2018 11:29 AM
To: King, Amy <amy.king@tetratech.com>; Schmidt, Michelle <Michelle.Schmidt@tetratech.com>
Subject: FW: Deschutes Files

Hi Amy and Michelle,

We've gotten some files from Ecology! See Andrew's first email for some information on what to look at for the scenario versions.

I'm double checking with him to see if he has any information on the final flow chosen for bacteria calculations, since Chris had indicated that Ecology made the final call on that.

Thanks,

Miranda

From: Kolosseus, Andrew (ECY) <AKOL461@ECY.WA.GOV>
Sent: Monday, October 29, 2018 10:10 AM
To: Hodgkiss, Miranda <Hodgkiss.Miranda@epa.gov>
Cc: Figueroa-Kaminsky, C. (ECY) <cfig461@ECY.WA.GOV>; Weiss, Leanne (ECY) <lewe461@ECY.WA.GOV>
Subject: RE: Deschutes Files

Files attached. Happy to discuss any of these, but I didn't create them – I did dig into the DO8 scenario results for a while. My knowledge is limited.

Andrew Kolosseus
Washington State Dept. of Ecology
PO Box 47775
Olympia, WA 98504-7775
(360) 407-7543

From: Kolosseus, Andrew (ECY)
Sent: Monday, October 29, 2018 10:05 AM
To: Hodgkiss, Miranda <Hodgkiss.Miranda@epa.gov>
Cc: Figueroa-Kaminsky, C. (ECY) <cfig461@ECY.WA.GOV>; Weiss, Leanne (ECY) <lewe461@ECY.WA.GOV>
Subject: Deschutes Files

Miranda:

I heard you were looking for files, and I have some that may be helpful. For the "scenario versions", make sure you're getting the correct one by looking at the graphs in the 2015 Ecology TMDL (for example, **DO8** for DO and pH).

I'll send the files in a separate e-mail. Let me know if you don't get them. There are a number of files, but they are relatively small. The only QUAL2K file I have is the one we've already sent you.

On your first bullet, Chris Zell did all of the load calculations in his analysis, so you can get those directly from him.
Cristiana was looking for additional information, too.

Hope it helps.

Andrew

- Bacteria analysis spreadsheets (load calcs) *I know Chris Zell helped with a lot of this work, and I am also checking with him to see what information he has, but if Ecology has anything to share, that would be great.
- Scenario versions of the QUAL2kw model
- Processing spreadsheets for inputs to the baseline QUAL2kw model (e.g., tributary inflows)
- Shade models, Delta Method spreadsheet models, and Thermal Infrared Surveys (TIR) along Deschutes
- Fine sediment analysis spreadsheets, including Washington Road Surface Erosion Model

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