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**From:** Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>  
**Sent:** Friday, March 15, 2019 4:58 PM  
**To:** Noble Hendrix  
**Cc:** Eric Danner - NOAA Federal  
**Subject:** Re: timing of Newman WRLCM

Great, thanks. I think that bottomline is we need to do our very best to have LCM results in the consultation, despite the timeline, and I can include in a process memo that the quick turnaround reduced ability to develop, apply, or vet input data or changes in model components.

As for funding, my knowledge is that the PO process was in the final stages, so hopefully that comes through soon. I don't think the BOP happened yet, but was in the works and being finalized.

Thanks to you and Eva for whatever you need to do to get this set up.

Happy weekend!  
Cathy

**Cathy Marcinkevage**  
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On Mar 15, 2019, at 4:42 PM, Noble Hendrix <[noblehendrix@gmail.com](mailto:noblehendrix@gmail.com)> wrote:

Hi Eric and Cathy,

Here is my Friday afternoon update:

- spoke with Russ and he feels confident that we can push off the USGS deliverable, but will confirm hopefully Monday
- Eva is working on organizing the covariate data needed to run the Newman equation for the scenarios
- I'm modifying the WRLCM to use the Newman equation for the smolt component
- I have a call in to the contracts person in Long Beach to get that going

By early next week we should have a sense of how sensitive the Newman equation is to the COS and PA, and with any luck, we will be able to spool up the WRLCM to get it ready to run scenarios next week as well.

Hope you guys have a good weekend,

Noble

On Fri, Mar 15, 2019 at 8:38 AM Eric Danner - NOAA Federal <[eric.danner@noaa.gov](mailto:eric.danner@noaa.gov)> wrote:  
Likewise.

Eric

On Fri, Mar 15, 2019 at 8:37 AM Noble Hendrix <[noblehendrix@gmail.com](mailto:noblehendrix@gmail.com)> wrote:  
Talk with you then - Noble

On Fri, Mar 15, 2019 at 8:27 AM Cathy Marcinkevage - NOAA Federal  
<[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

Not to jump the gun but I need to point out early that this is a big problem. We're targeting mid April to have our integration done, and effects analysis done March 28, timelines that we identified from the start and expected to be met provided we get the feeder modeling out to you. I really don't think that there is any way we can work something in that late.

Let's talk at 9:15. Use 1-877-929-9042;765321.

**Cathy Marcinkevage**

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On Mar 15, 2019, at 8:17 AM, Noble Hendrix <[noblehendrix@gmail.com](mailto:noblehendrix@gmail.com)> wrote:

Hi Eric and Cathy,

If we can arrange it, I think that we should have a call to discuss the timeframe and effort for implementing the Newman equations. I spent some time this morning looking at the level of effort that we expended for the STARS model. Assuming a similar level of effort and my (and others) existing commitments for the rest of March and early April, my best estimate of time to completion would be mid to late April. I am available today between now and 10AM, and 12 - 3, so let me know if there is a time in there that works for you.

Best,  
Noble

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