

Tom Frederick

From: Hess, Amanda J. [ahess@GFNET.com]
Sent: Wednesday, March 21, 2007 4:30 PM
To: tfrederick@rivanna.org; Keno, Aaron D.; Jennifer Whitaker
Cc: Bill Ellis
Subject: RE: update

I wanted to pass along to all of you that I called Steve today to see what his schedule was. He said that he, Brian McCrodden and Ridge were planning on conferencing today regarding his latest proposal. Apparently, there is a concern that the rules are being tailored too much to fit the 2002 drought and that the rules may not work in a drought that was substantially different than that drought. He promised to get back to me today with the proposal, but I have not yet heard from him.

I agree with their concerns about tailoring the rules to fit the 2002 drought, however, I believe they may propose a different solution. Since we all agree that this is a concern, I would suggest building in some flexibility/cushion to the system by not releasing quite as much water to minimum flows. I suspect that TNC/Hydrologics may be contemplating a return to the "forecasts".

As soon as I hear from him, I will pass along what I learn.

Regards,

Amanda
Amanda J. Hess, P.E.
Gannett Fleming, Inc.
Phone: (717) 763-7212 x 2707

From: Tom Frederick [mailto:tfrederick@rivanna.org]
Sent: Wed 3/21/2007 8:35 AM
To: Hess, Amanda J.; Keno, Aaron D.; 'Jennifer Whitaker'
Cc: 'Bill Ellis'
Subject: RE: update

Thanks. That's okay IF Steve gets with you today, but I need to know if he does not. I have a report to the Board of Directors going "public" later today that says this process is taking longer than expected, could delay the JPA if not completed by first week of April, and we are doing everything we can on our end to complete. A part of your job is to let me know when Hydrologics is "dragging" so that I can lean on Ridge Schuyler. Thanks for your support!

-----Original Message-----

From: Hess, Amanda J. [mailto:ahess@GFNET.com]
Sent: Wednesday, March 21, 2007 8:15 AM
To: tfrederick@rivanna.org; Keno, Aaron D.; Jennifer Whitaker
Cc: Bill Ellis
Subject: RE: update

Tom,

I can't think of anything that I need further clarification on from you at this point, but will get in contact with you after I get something

from Steve. To answer Jennifer's question on schedule. If Steve gets me something today or early tomorrow, I can have something for you this week.

Amanda

-----Original Message-----

From: Tom Frederick [mailto:tfrederick@rivanna.org]
Sent: Wednesday, March 21, 2007 7:52 AM
To: Hess, Amanda J.; Keno, Aaron D.; 'Jennifer Whitaker'
Cc: 'Bill Ellis'
Subject: RE: update

Amanda - I'm not necessarily expecting you to wait for Hydrologics before you develop the interim conditions modeling according to the framework that Jennifer, Aaron, and I came up with in my office on February 22. However, I am pleased that you have communicated to Hydrologics that you found a bust in the safe yield of "their" interim conditions. If Hydrologics has raised some "new issues" that we didn't address on Feb 22 and you need some direction, let's conference this morning.

-----Original Message-----

From: Hess, Amanda J. [mailto:ahess@GFNET.com]
Sent: Tuesday, March 20, 2007 5:45 PM
To: tfrederick@rivanna.org; Keno, Aaron D.; Jennifer Whitaker
Cc: Bill Ellis
Subject: RE: update

Thanks for the information, Tom.

As far as the progress on interim conditions goes, I am waiting for Steve to provide his updated proposal that will meet the safe yield. His original proposal for interim conditions had the same problem as his original proposal for ultimate conditions and did not meet the safe yield requirement. As soon as I get a proposal for interim conditions that works, I should be able to quickly make the suggested changes and provide you with the trigger levels that you have requested.

I will let you know as soon as I talk to Steve.

Regards,

Amanda

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-----Original Message-----

From: Tom Frederick [mailto:tfrederick@rivanna.org]
Sent: Tuesday, March 20, 2007 4:33 PM
To: Hess, Amanda J.; Keno, Aaron D.; 'Jennifer Whitaker'
Cc: Bill Ellis
Subject: RE: update

Amanda - Let me know as soon as you talk to Steve.

I finally caught up with Ridge Schuyler a few moments ago. Interestingly, Ridge volunteered to me, before I said anything about Beaver Creek, that he immediately told Hydrologics to "drop" Beaver Creek when Hydrologics took that proposal to him, because Ridge also knew that was a political problem.

This confirms what Jennifer and I were suspecting, that Hydrologics is sometimes speaking for TNC without actually checking with them.

Ridge and I agreed to "run interference" more often at our level when required (except TNC is hard to reach by phone). Ridge also agreed to look at your proposal with a SFRR storage trigger to regain the safe yield. He stated he also wants to get this done quickly and not get bogged down over triggers or conditions that occur very rarely.

I mentioned that you are working on interim release conditions for the Moormans River at Sugar Hollow, and that I had charged you with including a range of Ragged Mountain useable storage levels when the Moormans release could by natural inflow up to 10 MGD. However, I told him that we believe there will need to be a trigger at Ragged Mountain where the maximum release needs to be less than 10 MGD. Ridge emphasized that he would like to see "natural inflow up to 10 MGD" under Ragged Mountain conditions well less than 100% full because there is so much storage in the early years. I told him our directive was consistent with his desire, I just don't know what the trigger is until GF comes back to me. Ridge seemed okay with this approach.

Remember the triggers need to be defined as volume of useable storage (e.

g., use "2,190 MG of useable volume" to represent 100% full for a 45 ft raise) instead of percent full, since I do not yet have local government approval to build the full height dam.

Bill - I did not get into permit language with Ridge, as we have previously agreed. However, I am discussing model conditions to try to move this forward.

I will be in Richmond Wednesday afternoon and Thursday but checking e-mail periodically as well as available by cell (434-906-2623).

-----Original Message-----

From: Hess, Amanda J. [mailto:ahess@GFNET.com]
Sent: Tuesday, March 20, 2007 11:36 AM
To: Keno, Aaron D.; tfrederick@rivanna.org; Jennifer Whitaker
Subject: FW: update

I have not yet heard anything from Steve. I will let you know when I do.

-----Original Message-----

From: snebiker@hydrologics.net [mailto:snebiker@hydrologics.net]
Sent: Monday, March 19, 2007 11:52 AM
To: Hess, Amanda J.
Subject: update

Amanda, I'll have to touch base with you this afternoon, since I still have to coordinate with Brian. Thanks for your patience!

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