

From: David Sloan
Sent: Mon, 12 Jan 2015 20:17:07 +0000
To: Mark Southard
Subject: RE: Draft Materials for TCEQ Meeting

Mark, this is capturing most of the info I was after. A couple of questions and suggestions:

1. If my math is right, the facility has produced 5 MGD every day since July 9, even through the period of membrane replacements. Is this correct?
2. I want to make sure I understand the IR numbers. Are these IR for the DPR facility only, based on 4 log virus, 3 log Giardia, or are these the log removal values?
3. Might be good to show the IR or log removal for the conventional treatment as well.
4. If you can make a comprehensive statement about measured water quality parameters (All except x, y, z below detection levels for sampling events on date1 and date2) or something along those lines, that might be a nice add.
5. May want to add maximum percentage of DPR.

Thanks!

DAVID SLOAN / FREESE AND NICHOLS, INC.

From: Mark Southard [mailto:mark.southard@wichitafallstx.gov]
Sent: Monday, January 12, 2015 11:04 AM
To: David Sloan
Subject: Re: Draft Materials for TCEQ Meeting

David,

Take a look at what I've added for the summary. There isn't a lot in it so far, so let me know if there is anything else specific you would like me to add, or if any of the information currently in the form is not needed. I will dress it up a little more after you look over it.

Thanks,

On Fri, Jan 9, 2015 at 3:47 PM, David Sloan <DWS@freese.com> wrote:

Russell: I think I've got everything rounded up for next Wednesday. Attached please find the following:

1. Meeting Agenda
2. Concept Summary (updated to include discussion of updated drought modeling results per our conversation)
3. Historical and projected Lake Levels (Scenarios 1 and 2 only, for simplicity)
4. Recent dissolved solids summary graphs

5. Projected Blended Water Quality tables
6. Updated CT Study schematic, showing introduction of Kemp water, UV disinfection and supplemental pumping from lagoon
7. Disinfection Inactivation Summary for full membrane capacity
8. Proposed Blend Ratio Accounting
9. Proposed Step-wise Implementation
10. Proposed modifications to TCEQ conditions

This, along with the DPR operational summary to date being prepared by the city, is what I propose we show and discuss with TCEQ. Still open to your thoughts. I'll be out of pocket quite a bit on Tuesday with a trip to Houston, but I'm sure we can work out any changes needed.

Have a great weekend,

DAVID W. SLOAN, P.E., BCEE
SENIOR PROCESS ENGINEER
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Mark Southard

City of Wichita Falls

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