From:	BNICKEL
To:	June.Bergquist@deq.idaho.gov
Cc:	Daniel.Redline@deq.idaho.gov
Subject:	Re: Sandpoint Design flow
Date:	Tuesday, January 08, 2013 4:00:44 PM
Attachments:	Sandpoint_Application_2006.pdf wastewaterfacilityplan06.pdf

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June:

Attached is the City of Sandpoint's application that they submitted to us in September 2006.

The design flow is reported in Part A.6 of Form 2A as 5 mgd.

I'm sure you know more about the design flow history than I do at this point; I don't have any information that runs counter to your statements.

However, I do have at least part of a 2006 facility plan (attached), which states that "the plant has adequate capacity to handle up to 2.5 mgd of average flow" (Section 2.7). But that statement, of course, predates the O&M manual you were referring to.

Thanks,

Brian Nickel, E.I.T.

Environmental Engineer

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http://epa.gov/r10earth/waterpermits.htm

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From: <June.Bergquist@deq.idaho.gov>

To: Brian Nickel/R10/USEPA/US@EPA

Cc: <Daniel.Redline@deq.idaho.gov>, <June.Bergquist@deq.idaho.gov>

Date: 01/08/2013 03:38 PM

Subject: Sandpoint Design flow

Hi Brian,

You recalled correctly, Sandpoint's current permit is for 3 MGD design flow. Sandpoint did an upgrade between 2008 and 2010 which increased their design flow to 3.62 MGD. I have attached an image of the pertinent section in their new 2011 O&M Manual. The Manual is 26 MB so I couldn't send it to you.

You used a 5 MGD design flow for calculating effluent limits. The 5 MGD must be what they put in their most recent application (could you send that to me?-thanks). I think this means we will treat the amount above 3MGD as a proposed increase in design flow that is subject to antidegradation rules. The waterbody is Tier 2 (high quality) for recreational uses and pollutants significant to recreational uses are mercury, phosphorus, E. coli, arsenic, zinc, cyanide and nickel. Increases of these pollutants beyond the 3 MGD design flow must not decrease assimilative capacity of the river by more than 10%. If they do exceed 10%, Sandpoint would need to provide an alternatives analysis and a socio-economic justification so DEQ can evaluate if the degradation should be allowed. Do you agree with this design flow history? Thanks.

June[attachment "Capture2.JPG" deleted by Brian Nickel/R10/USEPA/US] [attachment "Capture.JPG" deleted by Brian Nickel/R10/USEPA/US]