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**Sent:** Wednesday, June 15, 2016 3:11 PM  
**To:** 'ddilks@limno.com' <ddilks@limno.com>  
**Cc:** Moss, David <DMoss@spokanecounty.org>; Page, C <c.page@wsu.edu>  
**Subject:** Magnitude Memo Comments

Dave,

As I mentioned in the meeting today I have a few comments on the magnitude memo. Let me know if you have any questions.

•*Ongoing Sources – Page 8:*

A lower bound estimate of 0.86 kg and an upper bound estimate of 17.2 kg is given. An uncertainty factor of 50 is given. The final range is given as 0.2 – 450 kg.  $0.86/50 = 0.0172$  and  $17.2*50 = 860$ , so it is unclear how the 0.2 – 450 range was calculated.

•*Table 2 - Figure 2 – Page 10:*

Groundwater loading in table 2 is given as 60-300 mg/day and in figure 2 as 40 – 320 mg/day.

•*MS4 Stormwater Runoff/Combined Sewer Overflows (CSOs) – Page 12:*

An estimate of 37.6 mg/day is given as the best estimate, and then uncertainty is cited as the reason to report the range as 10 – 90 mg/day. It is unclear how uncertainty was determined or used in the calculation.

Also I don't recall if it was determined that the monthly sampling results would be posted or provided on request. If it is by request please send me a copy.

Thanks,

Mike Hermanson