

Brem - 282 - 06.24.2015**From:** Steve Hinton <shinton@mindspring.com>**To:** Peggy Wang <Peggywn@aol.com>**Cc:** C Heep (TOC) <cheep@miyares-harrington.com>; Lisa davis-lewis <davislewis@hotmail.com>; m_galligan <m_galligan@comcast.net>; Emmanuel Crespo <ecrespo@comcast.net>; Travis Snell (ZBA) <travissnell@yahoo.com>**Subject:** Well data and Central Tendency Statistics for Project, Carlisle and Surrounding Towns**Date:** Wed, Jun 24, 2015 12:31 pm**Attachments:** ZBA_DEP_well_depths_SWH_4.pdf (42K), ZBA_DEP_well_depths_SWH_4.xlsx (523K)

Peggy,

Please enter both the PFD Summary and the Raw Data XLS file as separate exhibit numbers into the LongRidge 40B docket. Also enter this writing as a numbered exhibit.

All,

I've reviewed the data one last time and also calculated the median depth to bedrock statistics for all the data sets. The median value for this time data provides an unbiased measure of central tendency (unlike the average which we discussed at the June 22nd meeting). By all measures, Carlisle's depth to bedrock is significantly less than the surround towns. The project site and neighborhood statistics are similarly substantially less than Carlisle's statistics.

Thus, based upon my years of training and experience in environment engineering, it is fair to say that the space available in the overburden for dilution and attenuation of waste water discharge are significantly less in Carlisle in general and at this specific site in particular.

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