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| **From:** | Parsons, Scott |
| **To:** | Chavira, Raymond |
| **Cc:** | Tom Perina; Barquest, Bradley A UTCHQ; Abrahams, Jennifer |
| **Subject:** | FW: Baseline |
| **Date:** | Monday, August 18, 2014 3:52:02 PM |
| **Attachments:** | Attachment 1.xlsx<br>Baseline 95 pct UTL ProUCL output.pdf<br>Summary FWA and 95% UTL.pdf<br>Baseline 95 pct UCL ProUCL output.pdf<br>Summary FWA and 95% UCL.pdf<br>Summary individ EWs and 95% UCL.pdf |

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Ray, the attached files contain the raw data and updated statistical calculations and comparisons associated with the baseline water quality sampling. These files include the data and results for the two methods recommended by CH2MHill. We are still evaluating the best way to present the data, and as such have not completed the revised draft technical memorandum. That said, we anticipate submitting the revised draft technical memorandum late Tuesday.

1. Attachment 1.xlsx = raw data set of Dec 2013/Apr 2014 data for inorganics
2. Baseline 95 pct UTL ProUCL output.pdf = ProUCL output with the Upper Threshold Limit (UTL) calcualtions for the reinjection zone
3. Summary FWA and 95% UTL.pdf = Flow weighted average (FWA )for different extraction wells configurations versus the 95% UTL for reinjection zone (Table 1)
4. Baseline 95 pct UCL ProUCL output.pdf = ProUCL output with the Upper Confidence Limit (UCL calcs) for the reinjection zone
5. Summary FWA and 95% UCL.pdf = FWA for different extraction configurations versus the 95% UCL for reinjection zone (Table 2)
6. Summary individ EWs and 95% UCL.pdf = Concentrations at individual extractions wells s (average of Dec 13 and Apr 14 results) versus 95% UCL for reinjection zone (Table 3)