Ecology Comments on Gravity Report for TTWG meeting: 11/3/2014

Figure 2: Label the sample points so that river vs. effluent locations can be easily identified.

Table 4:

- SR1: The temperature, pH, and conductivity of the HVS samples taken at SR1 on 8/24 were quite a bit different than the regular samples. Please explain.
- SR3: Anomalous data points that require explanation.
    - 8/18/2014 (conductivity and DO)
    - 8/24/2014 (conductivity and turbidity)
- SR4: Anomalous data points that require explanation.
    - 8/16/2014: Conductivity and DO
    - 8/20/2014: Temperature and conductivity seems out of line with other results from that location
- SR5: DO results a bit higher than the Discharge Monitoring Reports (DMRs) but within reason and could be due to sampling location
- SR6: Is there any explanation as to the variability seen in the conductivity and turbidity results?
- SR10: pH in DMRs is generally a bit higher but within allowable limits. There is a 30 minute exceedance allowable when determined with a continuous meter. Turbidity is not a permit parameter but correlates well with percent TSS removal.
- SR 15: Anomalous data points that require explanation.
    - 8/20/2014: conductivity and DO
    - 8/24/2014: The temperature, pH, and conductivity of the HVS samples taken at SR15 were quite a bit different than the regular samples.

The spurious nature of the anomalous data points probably points to a multiprobe in need of maintenance or repair, as opposed to operator error or poor sample site selection.