

# Comments and Responses on Draft Homolog-Specific Mass Balance Memo

SRRTTF Meeting

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July 26, 2017

# Comments and Changes

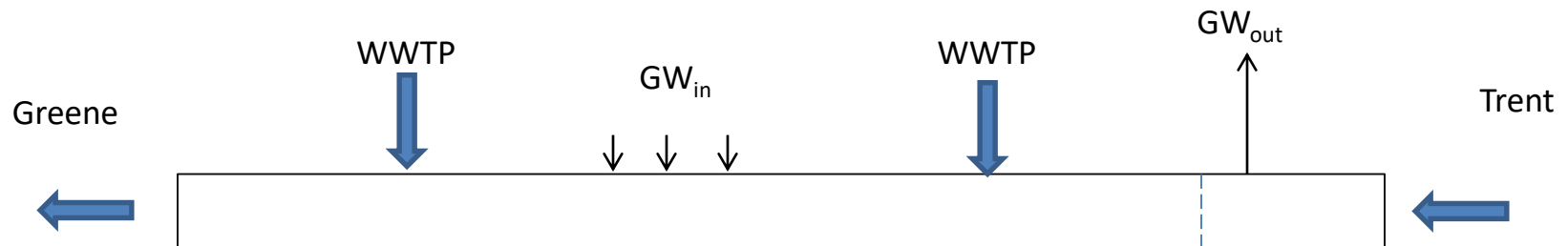
- Fix typographical errors, formatting
- Clarify treatment of outliers
  - Outliers excluded in 2014 analysis; included in 2015
  - Consistent with each of the prior reports
- Reconsider use of estimated Greene St. flows for 2014
  - Greene St. flows are still used, but interpretation of results now appropriately caveated

# Comments and Changes

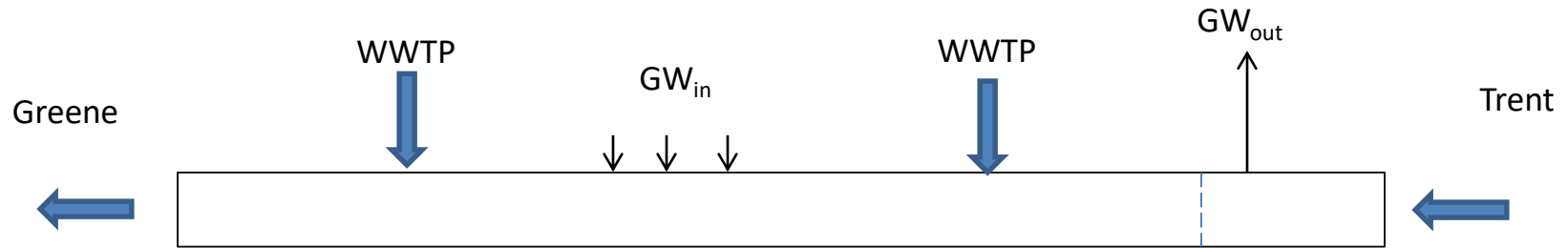
- Scope of Work described “disaggregation” of Trent to Greene reach; but no mention of this in memo
  - Disaggregation had been conducted, but not discussed in original draft because it ended up having little effect on model results
  - Section added to draft describing disaggregation process

# Disaggregation of Trent – Greene Reach

- Trent – Greene Reach contains:
  - A section where flow is lost to groundwater
  - A section where flow gained from groundwater
  - Point source discharge



# Disaggregation of Trent – Greene Reach

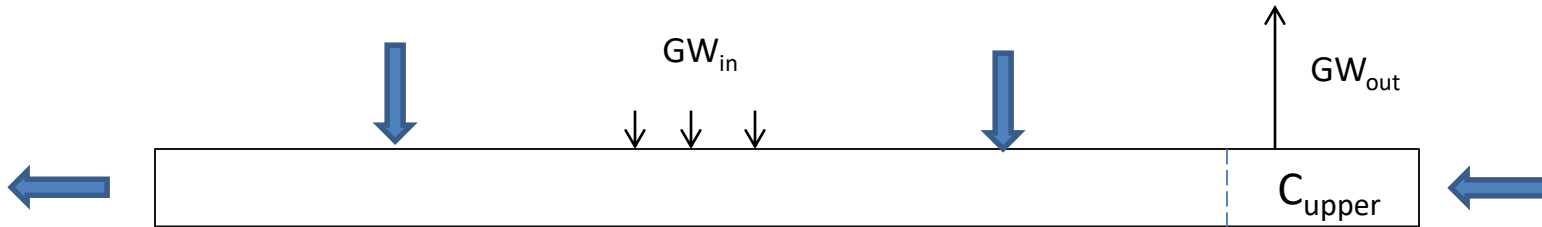


- Original model treats reach as one well-mixed segment
  - Assumes that water leaving through groundwater outflow leaves at average segment concentration



# Disaggregation of Trent – Greene Reach

- New model “disaggregates” reach into two segments
  - Assumes that water leaving through groundwater outflow leaves at concentration at the upper end of the segment



- Disaggregation had little effect on model results