

Data Integrity Work Group Meeting

- December 02, 2020

CBP Data Quality Indicators for Lab Analyzed Parameters

External Quality Assessment:

- Blind Audit Program- *Durga Ghosh (last quarter meeting)*
- Coordinated Split Sample Program- *Mike Mallonee*
- USGS Standard Reference Sample Study- *Breck Sullivan*

Internal Quality Assessment:

- Precision from replicates- *Durga (second quarter meeting)*
- Bias from blanks- *Durga (second quarter meeting)*
- Completeness of sampling- *Durga (second quarter meeting)*

Quality System is based on TNI standards- lab accreditation is not required

QA Sample Assessment Updates

Advantages/Summary of QA Sample Assessment:

- Identification of uploading snag for tidal DNR blank data
- Identification of uploading snag for nontidal USGS RIM and primary stations
- Potential reporting and uploading snag for SRBC replicates- *James Shallenberger reached out right after the presentation, thanks James!*
- Nontidal replicate values for ammonia are being reported to second decimal only by WV post 2013- *will reach out to Doug Chambers*
- Under prevailing 'No Audit' scenario- thorough assessment of QA samples has clear merits
- Work on the proposed Informational Training Videos has begun and we should have a preview early next year

Thank you and stay safe