

CBPO QA Tasks – March 2016

1. CBP Methods Manual – Finish by May 1, 2016. Status of Revisions:

Chapter	Lead Author	Status	To Do
Chapter 1, Intro	Mary Ellen Ley	Final – 3/30/16	DIWG Approval
Chapter 2, CBP QA Program	Mary Ellen Ley	Final – 3/30/16	DIWG Approval
Chapter 3, Data Submittal	Mike Mallonee	Not started	Re-write
Chapter 4, Tidal WQ Sampling		Draft Final – July 2015	Final Review – Kristin & Matt C.
Chapter 5, Nontidal Sampling	Mary Ellen Ley	Final – 3/30/16	DIWG Approval
Chapter 6, Lab QA	Mary Ellen Ley	Final – 3/30/16	DIWG Approval
Chapter 6, Lab Methods:			
D.1 Alkaline Persulfate Digestion	Mary Ellen Ley	Final – 3/30/16	DIWG Approval
D.2 Ammonia	Jay Armstrong	Final – 3/30/16	DIWG Approval
D.3 Chlorophyll & Pheophytin	Mary Ellen Ley	Final – June 1999	DIWG Approval
D.4 CDOM	Mary Ellen Ley	Final – July 2005	DIWG Approval
D.5 Nitrate + Nitrite	Suzan. Doughten	Draft complete	Final edits & Format – MEL
D.6 Nitrite	Suzan. Doughten	Draft complete	Final edits & Format – MEL
D.7 Organic Carbon, Total & Diss.	Nancy Kaumeyer	Re-Draft needed	MEL
D.8 Orthophosphate	Jay Armstrong	Final – 3/30/16	DI WG Approval
D.9 Particulate N and PC	Mary Ellen Ley	Final Draft – Mar. 25, 2014	Final edits & Format – MEL
D.10 Particulate P Digestion	Mary Ellen Ley	Re-Draft needed	MEL
D.11 Total Suspended Solids	Mary Ellen Ley	Final – 3/30/16	DI WG Approval
D.12 Fixed Suspended Solids	Mary Ellen Ley	Final – 3/30/16	DI WG Approval
D.13 Silica	Cindy Johnson	Draft complete	Final edits & Format – MEL

2. NTN & Tidal Field Audits –

- a. Process: USGS support for NTN field audits; DNR and ODU to assist with tidal audits.
- b. Frequency: Field audit once every 2 yrs. Lab audit every 3 years if not NELAC certified.
- c. 2016 Priorities:
 - i. Pennsylvania Nontidal Field Audits: USGS and SRBC. **End of April 2016**
 - ii. DNREC NTN sampling procedures **June 2016**
 - iii. West Virginia USGS NTN sampling **August 2016**

3. Laboratory Audits- PADEP - PADEP lab along with NTN field audit **End of April**
DHMH - ??

4. QAPP Reviews needed – **May 2016 completion**

- a. MDNR Shallow Water
- b. MDNR Data Analysis
- c. MD Ecosystem Processes
- d. VDEQ Tidal Tributary

- e. VIMS Shallow Water Monitoring
 - f. Nanticoke CitMon QAPP
 - g. PA Remote Sensing Database
 - h. Delaware Freshwater Mussel Monitoring
5. EPA/CBPO Quality Assurance
- a. CBPO Quality Management Plan Revision – final by **Oct. 2016**
 - b. Review 4 Database Managers SOPs
 - c. Streamlined Grant Review Process
6. QC Data Review
- a. Lab Performance Summaries – Need for 2014, 2015
 - b. Generate Field Precision & Bias Reports
 - c. Develop process to analyze and display NTN Blank and Duplicate Data
 - Adopt with new USGS NWIS review process?