



## Department of Environmental Protection

Charles D. Baker  
Governor

Kathleen A. Theoharides  
Secretary

Karyn E. Polito  
Lieutenant Governor

Martin Suuberg  
Commissioner

May 3, 2021

Mr. Bryan Hogan  
Quality Assurance Unit  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
11 Technology Drive, North Chelmsford, MA 01863-2431

**RE: 2021 Addendum to the MassDEP *Quality Assurance Program Plan for Surface Water Quality Monitoring and Assessment, 2020-2024***

Dear Mr. Hogan,

The following information is intended to append the MassDEP *Quality Assurance Program Plan (QAPP) for Surface Water Quality Monitoring and Assessment, 2020 – 2024* for data collection in 2021 by the MassDEP-Division of Watershed Management, Watershed Planning Program (WPP). Additional supporting documents provided to you via the Commonwealth of Massachusetts Interchange System include:

- Sampling & Analysis Plan 2021 Targeted Assessment Monitoring in Northeastern Massachusetts Watershed Cohort A1 (CN# 525.0)
- Massachusetts Coastal Condition Assessment QAPP for the Massachusetts Probabilistic Monitoring and Assessment Program (MAP2): Coastal Waters (CN# 539.0)
  - Appendix 3: Quality Systems Manual Alpha Analytical, Inc.
  - Appendix 4: Toxicological Evaluation of Sediments for the National Coastal Condition Assessment - 10-Day *Leptocheirus plumulosus* Marine Sediment Assay SAP
  - Appendix 5: Enthalpy Laboratory Quality Assurance Manual
  - Appendix 6: Marine Benthic Infauna Sorting and Taxonomic Identification Quality Assurance Project Plan - Normandeau Associates, Inc.
  - Massachusetts Coastal Condition Assessment SOP: Site Evaluation Guidelines (CN # 527.0)
  - Massachusetts Coastal Condition Assessment SOP: Field Operations Manual (CN# 528.0)
- Sampling & Analysis Plan 2021 Mystic Lakes Monitoring (CN# 546.0)
- Sampling & Analysis Plan 2021 Monitoring Regional Monitoring Network (CN# 548.0)
- Quality Assurance Program Plan Chloride Monitoring & Assessment (CN# 540.0)
  - Sampling & Analysis Plan 2020-2021 Chloride Project Nashua (CN# 540.5)
  - Sampling & Analysis Plan 2020 – 2021 Chloride Project Concord (CN# 541.0)
- Sampling & Analysis Plan 2020 Monitoring Biocriteria Development Monitoring (CN# 531.0)
- Massachusetts NPS Program QAPP for 319 Implementation Projects 2021 –2026 (CN# 538.1)
- Sampling & Analysis Plan 2021 Monitoring Project James and Unkety Brooks (CN# 545.1)
- USGS QAPP: PFAS sampling in rivers and streams in Massachusetts (Final)
  - USGS QAPP Appendix 2. Sample location information and respective real-time streamflow stations.
- Safety Guidance for WPP Field & Laboratory Operations During COVID-19 Pandemic (2021) CN 535.2

- Alpha Analytical Laboratory SOPs:
  - Total Phosphorus, Dissolved Phosphorus – Colorimetric, Combined reagent -2226-11
  - Nitrogen, Total Kjeldahl-2207-9
  - Nitrate, Nitrite and Nitrate\_Nitrite Nitrogen-2217-11
  - Total Coliform\_E. Coli – Presence\_Absence SM9223B (18 Hours)-2192-10
- WPP Organization Chart – updated for 2021
- WPP Field Sheets Updated for compatibility with EQUIS EDGE

In addition to the projects listed above, WPP is planning to continue fish toxics monitoring by public request, cyanobacteria/algal bloom monitoring, and operating two marine buoys in Mount Hope Bay (through contractor services, URI-GSO/MERL) in 2021. If you have any comments and/or questions, please contact me at [suzanne.flint@mass.gov](mailto:suzanne.flint@mass.gov).

Sincerely,



Suzanne Flint  
MassDEP-DWM-WPP

Cc: Richard Carey, Richard Chase, Arthur Johnson, WPP  
attachments