

Cape Cod 208 Monitoring Needs and Services

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Existing Monitoring

- Embayments
- Ponds
- Drinking Water
- Treatment facilities (Municipal to IA)
(Stormwater?)

Watershed Permit Compliance Monitoring

- Water quality
- Ecosystem
 - Benthic
 - Aquatic -eelgrass
- Watershed nitrogen reduction progress
- Adaptive Management

Non-Traditional Technology Monitoring

- Pilots
- Protocols
- Performance

Standing Technology/Monitoring Committee

- Review existing monitoring efforts
- Establish Pilot Project Criteria
- Review Pilot Project proposals
- Review Watershed Permit monitoring requirements
- Establish Regionally Consistent goals and approaches for monitoring (QAPPs)
- Provide updates to the Technology Matrix
- Monitoring feedback/ Modifications
- Identify and track developing issues (CECs, Climate Change)

Technical Assistance

- Provide regionally consistent reviews
- Provide/direct/coordinate sources of funding
- Provide regular regional interpretative reviews
- Coordinate regional cost efficiencies for all aspects of monitoring
sampling, analysis, reporting

Data Warehouse

- Provide storage capacity and design digital infrastructure for monitoring data
- Provide storage for relevant studies and reports
- Provide custodial services and public access to monitoring data and reports
- Manipulate data into GIS coverages as needed