

**WQ\_1**  
**CBP Water Quality Database**  
(Water Quality Monitoring Program)

**PROGRAMS**

**TWQM**  
(Tidal Water Quality Monitoring)

**NTWQM**  
(Nontidal Water Quality Monitoring)

**SWM**  
(Shallow Water Monitoring)

**MAIN**  
(Mainstem)

**TRIB**  
(Tributary)

**NTN**  
(Nontidal Network)

**NTID**  
(Nontidal – Out of Network)

**CMON**  
(COMMON)

**DFLO**  
(DATAFLOW)

**SPEC**  
(Special)  
e.g. Open Water  
(CBIBs)

**SPEC**  
(Special)

**PROJECTS**

## Flow schematic of repeated Water-Quality Monitoring Program data life-cycle processes for Development of Formal Automated Standardized and Timely (FAST) Data Processing

**Upload and categorize WQ Data and selected metadata from each provider (Data collector)**

**Data Review: Assess timeliness, completeness and quality of the WQ data obtained and remark WQ data on basis of quality review.**

**Aggregate and archive qualified WQ data and related metadata**

**Transform data as necessary for GIT, Workgroup, CBP partner use.**

**Publish/Report/Provide readily available and discoverable aggregate QW and metadata data**

### *FAST process development timeline for*

***Nontidal Water Quality Monitoring Program and Tidal Network Program  
Nontidal Network Project (NTNP) Open Water Mainstem and Tributary  
Monitoring of Dissolved Oxygen Project***

***2012***

***Feb-Jul 2012 Complete development of prototype upload, review, aggregation, and transform tool for NTNP.***

***July-Sep 2012 Beta test tool with WY2011 data.***

***October 2012 Complete development of prototype upload, review, aggregation, and transform tool for TNP.***

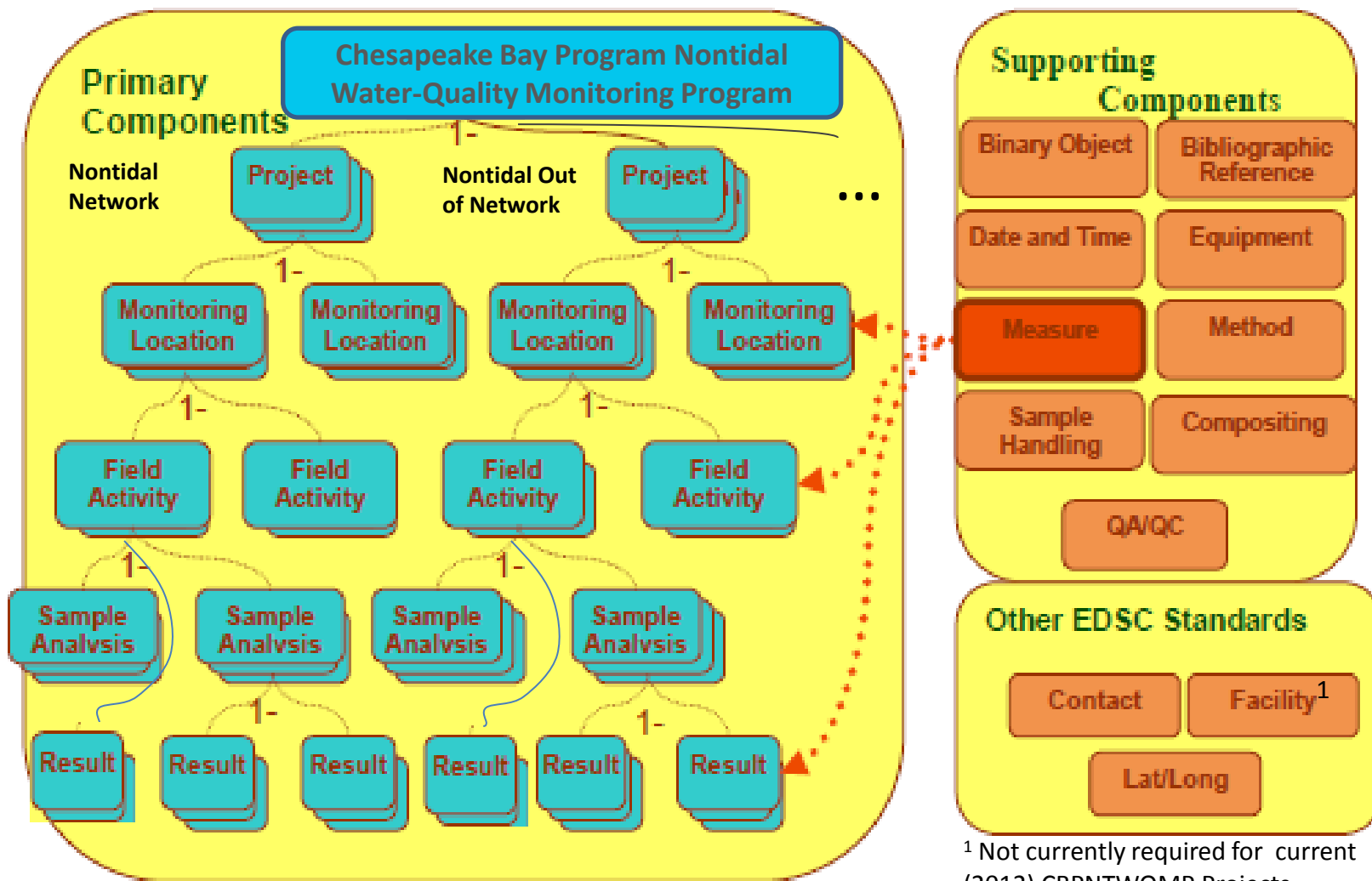
***Nov-Dec 2012 Beta test tool with WY2011 data.***

***Jan 2013 Provide training on tool use***

***March 2013 Implement tool for use with WY2012 WQ Data***

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# USEPA ESAR (Environmental Sampling and Analysis Results) Data Standards for the Chesapeake Bay Program Nontidal Water-Quality Program



[http://iaspub.epa.gov/sor\\_internet/registry/datastds/findadatastandard/epaapproved/esaroverview/](http://iaspub.epa.gov/sor_internet/registry/datastds/findadatastandard/epaapproved/esaroverview/)

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