



Implementing the Framework

2014	<p>Initiate ATTAINS Redesign Workgroups</p> <p>Implement new geoprocessing approaches</p> <p>Workgroup report-outs</p> <p>Research options for sensor data</p>
2015	<p>Redesign ATTAINS based on partner input</p> <p>Conduct ‘experiment’ for sensor data</p> <p>Use new approaches for new 303(d) program measures</p> <p>Release ATTAINS for 2016 Integrated Report</p> <p>Initiate open-source community for tools to automate portions of the state assessment process</p> <p>Initiate support to partners to transition to the new Framework</p>
2016	<p>Update public website to give a more holistic view of water quality</p> <p>Test new approaches for water quality restoration measures</p> <p>Conduct study of ‘lessons learned’ from 2016 Integrated Report cycle</p>
2017	<p>Make revisions based on lessons learned</p> <p>Final release of ATTAINS for 2018 Integrated Report</p>
2018	<p>Begin Phase II of the Framework to incorporate ‘Actions’ (Non-point source grants, permits, etc.)</p>

Framework Components

STORET/WQX: Making Water Quality Monitoring Data Easily Accessible and Available to the Public

Under the Framework, STORET/WQX will continue to provide easy access to monitoring data via the **Water Quality Portal**. Additional Framework activities include:

- Developing approaches for **sharing continuous data**
- Further streamlining the discovery of monitoring data and working with partners to develop **tools to automatically screen monitoring data against water quality criteria**

Assessment TMDL Tracking and Implementation System (ATTAINS): Providing public access to CWA assessment conclusions and restoration plans, and communicating progress towards restoring water quality

ATTAINS will be redesigned as part of the Framework. A new interface will be developed to provide easy submittal of state 303(d)/305(b) Integrated Reporting and Total Maximum Daily Load (TMDL) information, as well as a single location for EPA review of state impaired water lists and TMDLs. Some other key activities include:

- Streamline reporting of **water quality measures**
- Providing **linkages** between **water quality assessments** and **monitoring data**
- Provide more **transparent** and **timely** access to **state assessment and TMDL data**

NHDPlus: Providing a nationally consistent geofabric for tracking progress and evaluating relationships between various water quality programs

The NHDPlus is a key component of the Framework. It will provide the backbone for a number of EPA’s water quality measures. EPA will:

- Use the NHDPlus **catchments** to provide a **consistent** and **streamlined** way to **demonstrate** the **progress that states are making in restoring and protecting** water quality
- Use **automated approaches** for **mapping state data** to the NHDPlus