

# WQX

Presented By Equilibrium  
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# Purpose

1. Demonstrate the ability to utilize STORET/WQX
2. Submit water quality data to database for sharing with state, federal, and private organizations
3. Retrieve data from database

# Background

1. STORET (Storage and Retrieval) EPA Data Warehouse
  - Water quality, biological, physical
  - State, federal, universities, private organizations
2. WQX (Water Quality Exchange) Framework for submission to STORET
  - Environmental sampling, analysis, results

# STORET

- Short for Storage and Retrieval
- EPA Data Warehouse for water quality, biological, and physical data used by state and federal agencies, universities, private citizens, and many others.
- <http://www.epa.gov/storet/>



# WQX

- Framework for data submission to STORET
  - <http://www.epa.gov/storet/wqx/index.html>
- Water Quality Exchange
  - [National Environmental Information Exchange Network](#)

# Tasks

- **Task 1: Initiate User Interface with Database**
- **Task 2: Inputting Data into WQX Database**
- **Task 3: Orientation of ANRC Staff**
- **Task 4: Reporting**

# Uploading the Data

## USEPA WQXWeb Physical Chemistry Template Version 1.04

Export Projects

Export Monitoring Locations

Export Results

These Export buttons will export data entered in the three into separate tab delimited text files. You will be prompted and the files will be saved in the 'Last Export Saved' table below.

The tab delimited text files exported using these buttons

### Last Export Saved:

Projects	C:\Documents and Settings\jbisese\Desktop\ExportProject20120302.txt
Monitoring Locations	C:\Documents and Settings\jbisese\Desktop\ExportMonitoringLocations20120302.txt
Results:	C:\Documents and Settings\jbisese\Desktop\ExportPchemResults20120302.txt

### Notes:

- Project and Monitoring Locations need to be submitted before Results can be submitted for the first time.
- The "Export Monitoring Location" button converts the County Name into a County Code as required by WQXWeb.
- Once Projects and Monitoring Locations have been submitted then do not need to be resubmitted except to update.
- Users can manually export data by saving any one of the Data Entry worksheets in 'Text-file tab-delimited' format.

# Retrieval of Data

1. <http://www.epa.gov/storet/>
2. Querying data
3. <http://www.epa.gov/storet/otherapps.html>
4. E-mail confirmation
5. Opening Data in Excel



## STORET/WQX: STORET Data Warehouses

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## STORET Data Warehouse Access

STORET data available on the Internet is divided into two separate databases, according to when it was originally supplied to EPA, and to which of our two STORET databases it was originally archived. We call the more current database the **STORET Data Warehouse** and the older of these two databases the **STORET Legacy Data Center** (LDC for short).

### Features

- [EnviroMapper for Water](#)
- [Watershed Summary](#)
- [Surf your Watershed](#)
- [EPA Substance Registry System](#)
- [Latest on Data Warehouse](#)

### The STORET Data Warehouse

All data supplied to EPA since January 1, 1999 have been placed in the STORET Data Warehouse. A full description of the design of this system can be examined on our [introduction](#) page.

The STORET Data Warehouse is currently receiving new data on a regular basis, including data being submitted via WQX, and will continue to do so for the foreseeable future. Downloads performed for the same sites may differ over time as a result of the addition of new data by their owners.

[Browse or Download  
Modernized STORET Data](#)

[Browse or Download  
Legacy STORET Data](#)

# Trouble Shooting

- Dictionary provided with Template
  - Outline
  - Allowable values
  - <http://www.epa.gov/storet/faq.html>
  - [http://www.epa.gov/storet/storet\\_helpdesk.html](http://www.epa.gov/storet/storet_helpdesk.html)

# Acknowledgements

