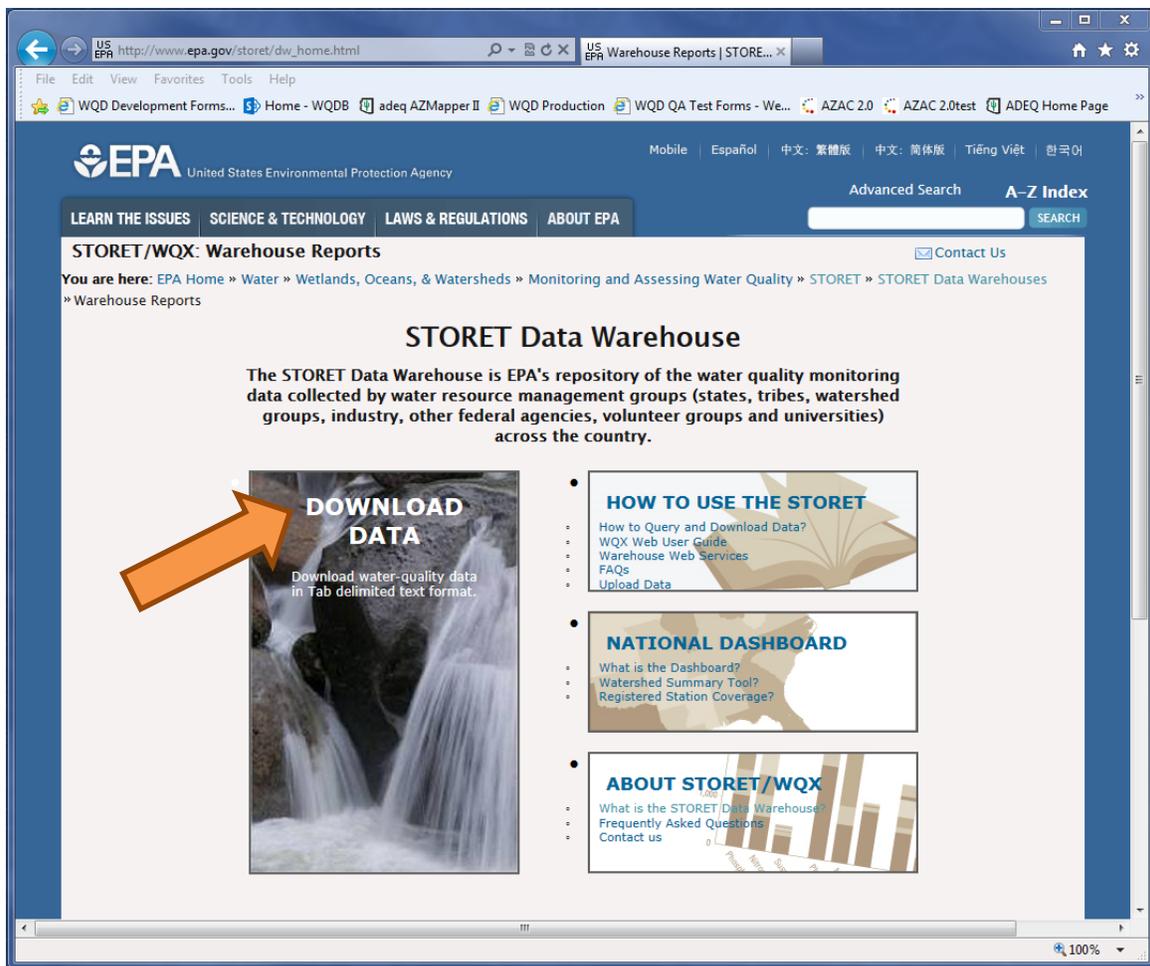


How to Download ADEQ's Water Quality Data from EPA's STORET Data Warehouse

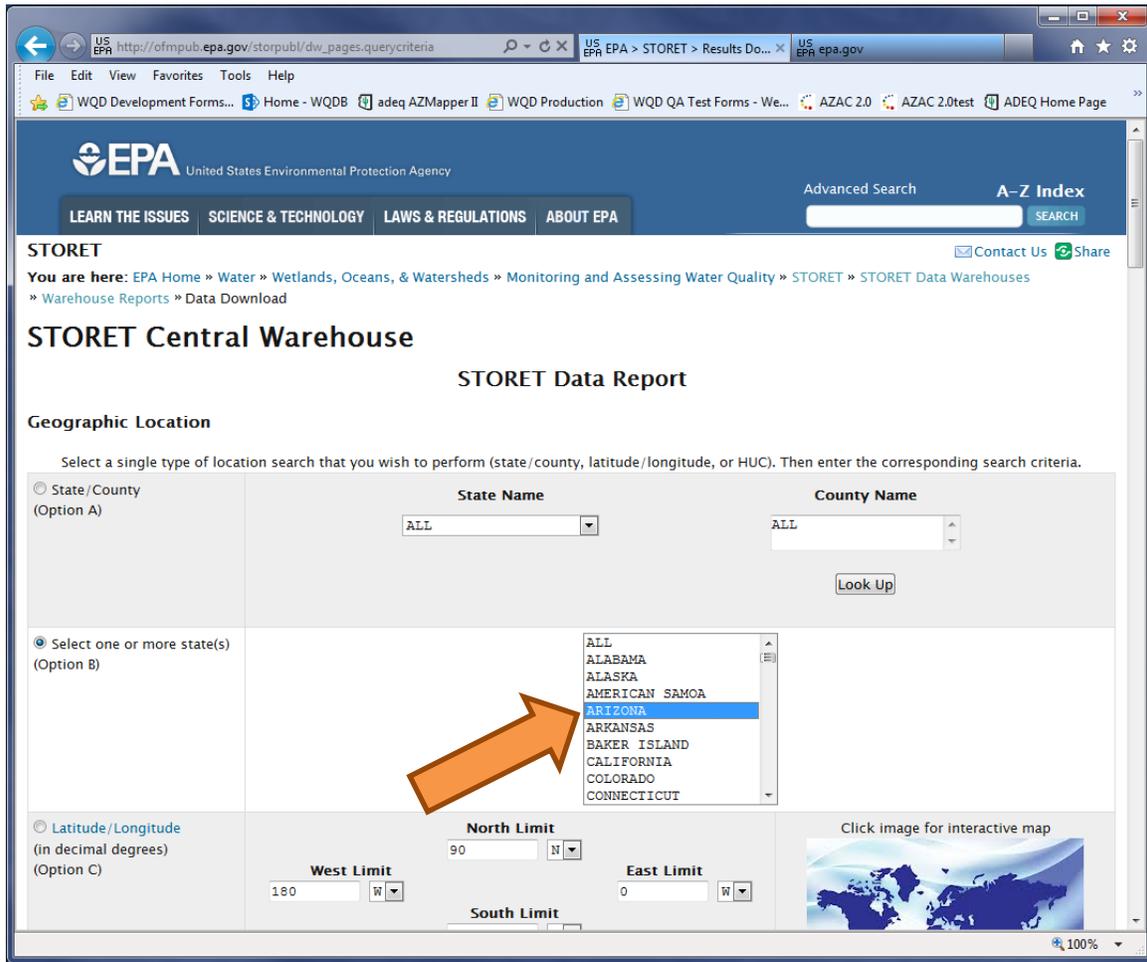
ADEQ's water quality data are uploaded nightly to EPA's STORET (short for STORage and RETrieval) Data Warehouse. You can query and download the data by visiting the website at www.epa.gov/storet/dw_home.html and following these simple steps. For more detailed instructions and for an exercise, please go to http://www.epa.gov/storet/archive/Downloading_STORET_Data.pdf

1. Go to the STORET Data Warehouse website at www.epa.gov/storet/dw_home.html
On the main page, click on **DOWNLOAD DATA**.

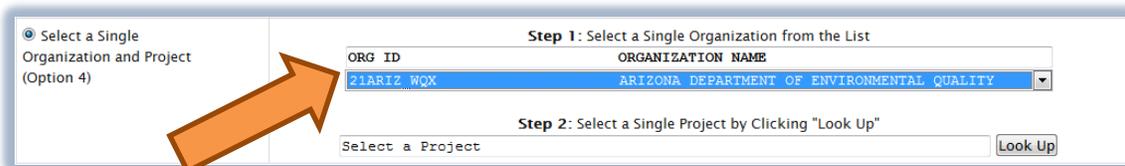


The screenshot shows a web browser window displaying the EPA STORET Data Warehouse homepage. The browser's address bar shows the URL http://www.epa.gov/storet/dw_home.html. The page features the EPA logo and navigation menus. The main heading is "STORET Data Warehouse". Below this, a descriptive paragraph states: "The STORET Data Warehouse is EPA's repository of the water quality monitoring data collected by water resource management groups (states, tribes, watershed groups, industry, other federal agencies, volunteer groups and universities) across the country." A large orange arrow points to a prominent "DOWNLOAD DATA" button. To the right of the button, there are three informational boxes: "HOW TO USE THE STORET" (with links for query guides, FAQs, and upload data), "NATIONAL DASHBOARD" (with links for dashboard info and tools), and "ABOUT STORET/WQX" (with links for warehouse info and contact).

2. On the Result Download page, select **"ARIZONA"** under **Geographic Location (Option B)**.



3. Scroll down to the **Organization, Station & Project** section.
Select **Option 4 Select a Single Organization and Project**.
Under **Step 1** for **ORG ID**, select **"21ARIZ_WQX"** from the drop down list.
TIP: There are several different "21ARIZ" IDs to choose from, but only "21ARIZ_WQX" is associated with the current data.



4. **OPTIONAL** (Skip this step if you want to download all data collected by ADEQ)

Under **Step 2**, click on the **Look up** button and select **"AMB"** for the ambient water project. This step will limit the data to ambient monitoring data.

Select a Single Organization and Project (Option 4)

Step 1: Select a Single Organization from the List

ORG ID	ORGANIZATION NAME
21ARIZ_WQX	ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Step 2: Select a Single Project by Clicking "Look Up"

AMB	AMB
-----	-----

Look Up

5. Under **Station Type**, select **"River/Stream"** and **"Lake"** for surface water, or **"Well"** for groundwater data.

TIP: Hold down the Ctrl key to select multiple station types. It is recommended to download surface water and groundwater data separately.

Station Type

Select one or more Station Type(s)

PRIMARY TYPE	WQP STATION GROUP TYPE
Select All	
River/Stream	Stream
Lake	Lake, Reservoir, Impoundment
Great Lake	Lake, Reservoir, Impoundment
Reservoir	Lake, Reservoir, Impoundment
Riverine Impoundment	Lake, Reservoir, Impoundment
Well	Well
Estuary	Estuary
Ocean	Ocean
Seep	Spring

*Exclude: (selected)

6. Under **Date, Administrative Filters**, select the date range(s).

NOTE: Up to date ADEQ data are available since 2005.

Date, Administrative Filters

Specify Activity Start Date range(s)

Date Range 1: JAN 1 2015 To MAY 28 2015

Date Range 2: --- -- ---- To --- -- ----

Date Range 3: --- -- ---- To --- -- ----

Date Range 4: --- -- ---- To --- -- ----

Apply Filter(s): (DATA OWNER Only) - Specify "Last Change" Date range, User ID, Transaction ID

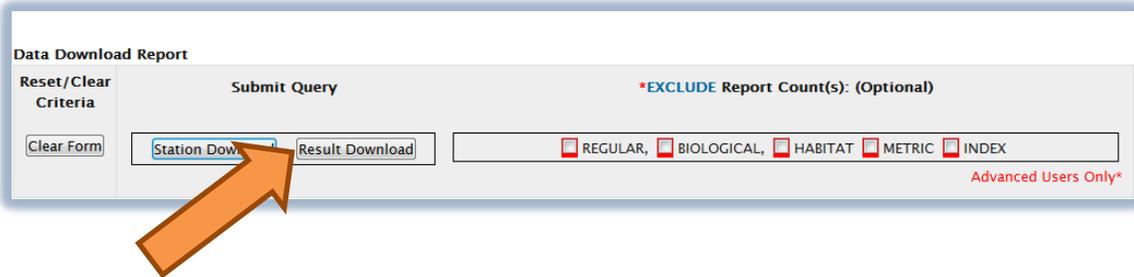
Date Range: MAY -- 2015 To MAY -- 2015

User ID: (comma-separated)

Transaction ID: (comma-separated)

*Exclude: (selected)

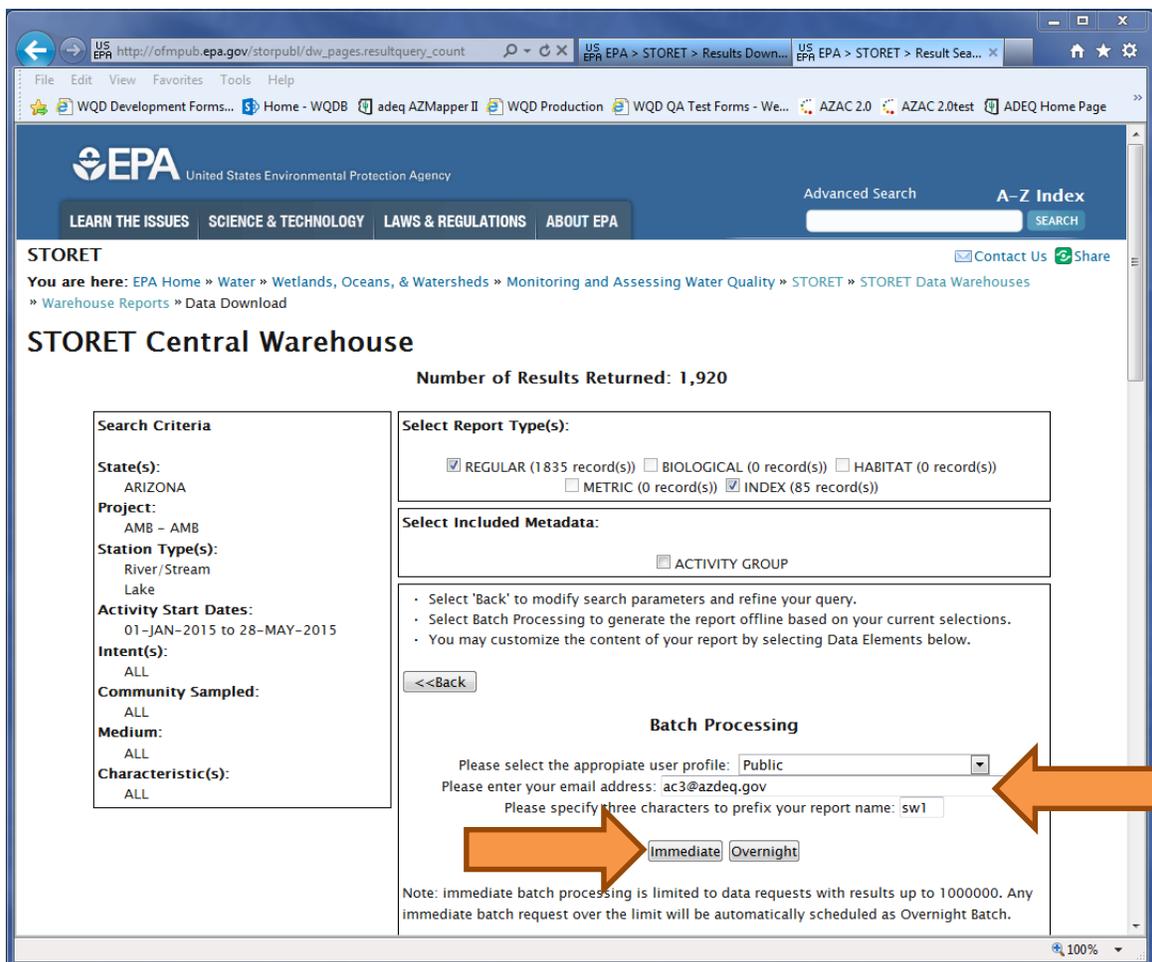
7. Download the query result by clicking the **Result Download** button at the bottom of the screen.



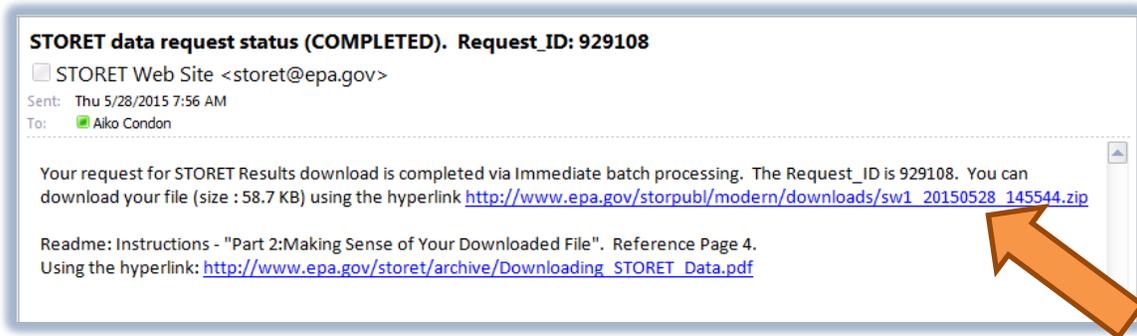
8. On the Result Search Summary page, enter your email address and type a three character prefix for the file name (any three characters to identify your file).

Click the **Immediate** button.

TIP: The available report type and the number of records in each report are indicated under **Select Report Type(s)**. All water chemistry data are included in the **REGULAR** report. You may uncheck the other report types to minimize the size of your download.



9. You will receive two emails, "STORET data request submitted (PROCESSING)" and "STORET data request status (COMPLETED)." Click the hyperlink in the COMPLETED email to download your file.



10. Extract the downloaded zip file. The RegResults file contains the water quality data. For instructions on how to open your downloaded file in MS Excel or Access, click the second hyperlink in the email: http://www.epa.gov/storet/archive/Downloading_STORET_Data.pdf

Name	Size	Packed Size	Modified
Data_sw1_20150528_145544_IndxResults.txt	12 K	1164 B	2015-05-28 14:56
Data_sw1_20150528_145544_Metadata.txt	197 K	40 K	2015-05-28 14:56
Data_sw1_20150528_145544_RegResults.txt	477 K	15 K	2015-05-28 14:56