



# WQX Web Basics

Phase One

Special Acknowledgement to the **Delaware Nation of Oklahoma** who originally created this presentation. It was updated by the EPA 11/2015

# Setting Up your Account and getting started with WQX Web

<http://www3.epa.gov/storet/wqx/wqxweb.html>

## STORET/WQX: What is WQX?

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**You are here:** [EPA Home](#) » [Water](#) » [Wetlands, Oceans, & Watersheds](#) » [Monitoring and Assessing Water Quality](#) » [STORET](#) » [What is WQX?](#)



## What is WQX?

The Water Quality Exchange (WQX) is a new framework that makes it easier for States, Tribes, and others to submit and share water quality monitoring data over the Internet. States, Tribes and other organizations can now submit data directly to the publicly-accessible STORET Data Warehouse using the WQX framework. The STORET Data Warehouse will continue to be the repository for all modern STORET data and will now also be the new home for data submitted through WQX. WQX will eventually replace the distributed STORET Database (including the STORET Data Entry Module, Reports Module, and STORET Import Module or SIM) as the primary means of submitting water quality monitoring data to EPA.

The purpose of these pages is to assist water quality professionals and data managers with understanding WQX, how it works, how it relates to STORET, and how to begin submitting data using the WQX framework. Below is a description of how WQX works, followed by useful links for water quality data managers.

## How does WQX Work?

WQX uses Extensible Markup Language (XML) and a defined set of data elements (the WQX schema) to allow states, tribes and other organizations to submit data from their own database to the STORET Warehouse. WQX makes use of the technology and procedures that are defined by the [National Environmental Information Exchange Network](#). [EXIT Disclaimer](#)

**Data can be submitted via WQX through different mechanisms. Exchange Network Nodes or Node Clients may be used to submit data that follow the WQX schema. Alternatively, data can be submitted using WQX Web, a web-based data loading tool that is based on the WQX schema.**

The WQX schema is based on the [Environmental Sampling, Analysis and Results](#) [EXIT Disclaimer](#) (ESAR) data standard, which is EPA's approved standard for sharing water, solid waste and air quality data. It also uses other registries of common data, names, and data formats.

This [technical WQX fact sheet](#) (PDF 1.1 MB) describes how WQX works.

## WQX Web Tool

- [Getting started with WQX Web](#) - Steps for an organization to take in order to begin submitting data using WQX Web
- [WQX Web Resources and Downloads](#) - Templates, Tutorials and User Guide for WQX Web
- [Transitioning from WebSIM](#) - Guidance for current users of WebSIM

## STORET/WQX: Getting started with WQX Web

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- STORET Home
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- Useful Internet Links
- Support
- Tools/ Web Services
- Frequent Questions
- Helpdesk
- Sitemap

You are here: EPA Home » Water » Wetlands, Oceans, & Watersheds » Monitoring and Assessing Water Quality » STORET » What is WQX? » Getting started with WQX Web

### Getting started with WQX Web

WQX Web is a web-based application designed to assist smaller organizations with submitting data via WQX. WQX Web is a tool that converts text files (such as comma or tab-delimited files) into a valid WQX submission file (based on the WQX schema). WQX Web also interacts with the Central Data Exchange (CDX), which is the EPA's portal through which all environmental data is expected to flow. WQX Web is also a data conversion and validation tool, providing support for user-defined file formats and user-defined translations to WQX-compliant values for items like Characteristics, Taxonomic Names, Units of Measure, etc.

A WQX Web template is available to assist organizations with formatting their data for upload to WQX Web. Please see the [WQX Web Resources](#) page to access the template.

**WQX Web is accessed through CDX Web. Users of WQX Web will always log in to CDX Web in order to access WQX Web.**

For users already signed up, here are quick directions for accessing WQX Web now:

- Go to <https://edx.epa.gov/SSL/edx/login.asp>
- Log on to CDX Web
- Once logged on, click the WQX Web link to access the tool

### How to sign up to use WQX Web

This presentation can be referred to understand the process of WQX Web sign up.

#### Step 1: Request a WQX Web account and an WQX Organization ID

To begin the process of setting up your WQX Web account, please provide the following information to the STORET Team. The STORET Team's email address is [storet@epa.gov](mailto:storet@epa.gov).

- First name
- Middle name
- Last Name
- Prefix (Mr./Mrs./Ms)
- WQX Organization ID (see below for more information about WQX Organization IDs)
- WQX Organization Name
- Mailing Address 1
- Mailing Address 2
- City
- State
- Zip/Postal Code
- E-mail Address
- Phone Number

#### WQX Organization IDs

Cut, paste, and email to [storet@epa.gov](mailto:storet@epa.gov) And wait for confirmation email that you have registered for the WQX Web Tool.

File Message

Ignore X Delete Reply Reply All Forward More Meeting Samuel Reynolds To Manager Team E-mail Done Reply & Delete Create New Move OneNote Mark Unread Categorize Follow Up Translate Related Select Zoom

Delete Respond Quick Steps Move Tags Editing Zoom

Extra line breaks in this message were removed.

From: Michael Brennan <Brennan.Michael@epamail.epa.gov> on behalf of Group Storet <Storet@epamail.epa.gov>  
To: David Artichoker  
Cc:  
Subject: Fw: CDX helpdesk please create a CRK for userid davidartichoker Sent: Fri 2/3/2012 11:31 AM

Thanks.  
STORET Group.  
1-800-424-9067  
----- Forwarded by Michael Brennan/DC/USEPA/US on 02/03/2012 12:17 PM  
-----

From: Group Storet  
To: [dartichoker@delaware.com](mailto:dartichoker@delaware.com), Group Storet@EPA  
Date: 01/10/2012 06:19 PM  
Subject: Fw: CDX helpdesk please create a CRK for userid davidartichoker  
Sent by: Michael Brennan

You should receive this email within a day or two stating your registration for WQX Web tool has been set up.

Hi David  
This email is to confirm that you have registered for the WQX Web tool.  
We have set up your account as follows:

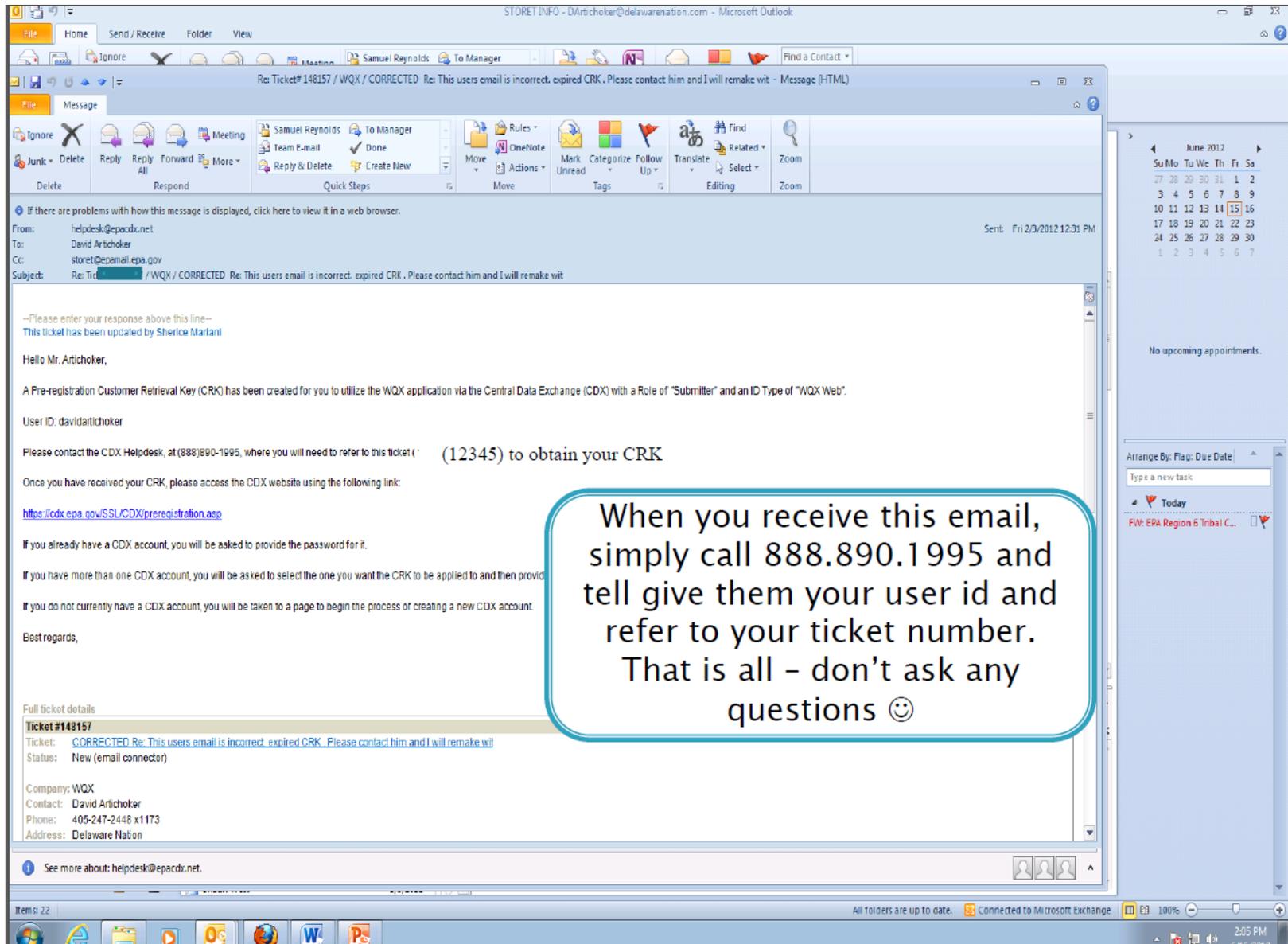
CDX User Name and WQX Web account [davidartichoker](#)

WQX Organization ID: , WQXTEST (this is a test organization if you wish to use), DelawareNation  
IWQX Organization Name : WQXTEST, DelawareNation Your information has been sent to Central Data Exchange (CDX). You will receive an email regarding the details of process. You will be asked to call to the CDX number (888-890-1995) to get the password for your account. The staff member you talk to will verify your identity and provide you the CRK. You can register yourself at this web address: <https://cdx.epa.gov/SSL/CDX/preregistration.asp>. Please notice that the convention for assigning username for the Central Data Exchange (CDX) web account is FirstnameLastname. After registration, you will directly get the access to WQX Web.

Getting Started:  
For more help on WQX Web, please refer to the tutorials and templates: [http://www.epa.gov/storet/wqxweb\\_downloads.html](http://www.epa.gov/storet/wqxweb_downloads.html)

To access the WQXWeb training environment, please send an email to the Storet helpdesk at [storet@epa.gov](mailto:storet@epa.gov), stating that you are interested in gaining access to the WQXWEB test environment.

See more about: Group Storet.



STORET INFO - DArtchoker@delawarenation.com - Microsoft Outlook

Re: Ticket# 148157 / WQX / WQX CRK for userid davidartchoker - Message (HTML)

From: helpdesk@depacdx.net  
To: David Artchoker  
Cc:  
Subject: Re: Ticket# 148157 / WQX / WQX CRK for userid davidartchoker

Sent: Tue 2/7/2012 8:31 AM

--Please enter your response above this line--  
This ticket has been updated by Sherice Mariani

CRK: D123A4567899

<https://www.sveit.sveit.is/...>

Full ticket details

**Ticket #148157**  
Ticket: [WQX CRK for userid davidartchoker](#)  
Status: Waiting on client

Company: WQX  
Contact: David Artchoker  
Phono: 405-247-2448 x1173  
Address: Delaware Nation  
31064 Stato Highway 281  
Anadarko, Oklahoma 73005

**Detail Description:**  
Fri 2/3/2012/11:22 AM MST/ Sherice Mariani-

After calling the CDX helpdesk, with ticket number the CRK number will be sent via email. Click the link below CRK number.

June 2012  
Su Mo Tu We Th Fr Sa  
27 28 29 30 31 1 2  
3 4 5 6 7 8 9  
10 11 12 13 14 15 16  
17 18 19 20 21 22 23  
24 25 26 27 28 29 30  
1 2 3 4 5 6 7

No upcoming appointments.

Arrange By: Flag: Due Date  
Type a new task  
Today  
FW: EPA Region 6 Tribal C...

## Registration

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Account Login

Registration

Frequently Asked Questions

Help & Support

CDX Home

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[CDX Home](#) » Registration

## Registration

Please enter the "Customer Retrieval Key" provided on your invitation letter:

Type CRK  
number and  
click Register

Last updated on October 12, 2011.  
URL: <https://cdx.epa.gov/SSL/CDX/preregistration.asp>

CDX Help Desk: (888) 890-1995 | (970) 494-5500 for callers from Puerto Rico and Guam

[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

What you will see next after typing in CRK :  
(Unable to print screens.)

First Name

Last Name

Please choose a Username

Username \*

Please Choose Password

Password

Reenter Password

Secret Question

Secret Answer

Next



Organization Name

Registrant's Work Mailing Address

Registrant's Work Mailing Address Two

City

State/Province



Zip/Postal Code

Country



Email Address

Phone Number

Next



Registration

CDX Registration: Verify Program

WQX ✓

Program	Role	ID Type	Program ID	Submission Method	Verify
---------	------	---------	------------	-------------------	--------

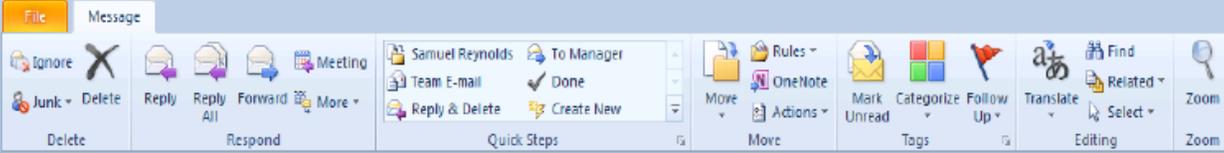
*(All these headings are prefilled)*

Next

Congratulations you have successfully completed the online portion of CDX Registration. You should receive an email conformation shortly confirming receipt of your information.

Finish

After clicking Finish, it will take you to My CDX



Extra line breaks in this message were removed.

From: CDX Registration <helpdesk@epacdx.net>  
To: David Artchoker  
Cc:  
Subject: Welcome to EPA Central Data Exchange

Sent: Tue 2/7/2012 8:46 AM

\*\*\* This is an automated response \*\*\*  
\*\*\* Please DO NOT REPLY to this email. \*\*\*  
\*\*\* Replies will not be answered \*\*\*

You have successfully registered with the EPA Central Data Exchange.

If you need assistance, please read the CDX FAQ page, or contact the Help Desk at (888) 890-1995.

Please note that it is EPA security policy that you change your CDX password on a regular basis. As a result, CDX will prompt you to change your CDX password every 90 days.

You can change your password by logging into CDX, and selecting the 'Change System Password' link from your MyCDX page.

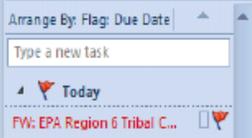
CDX Homepage: <http://CDX.EPA.GOV>

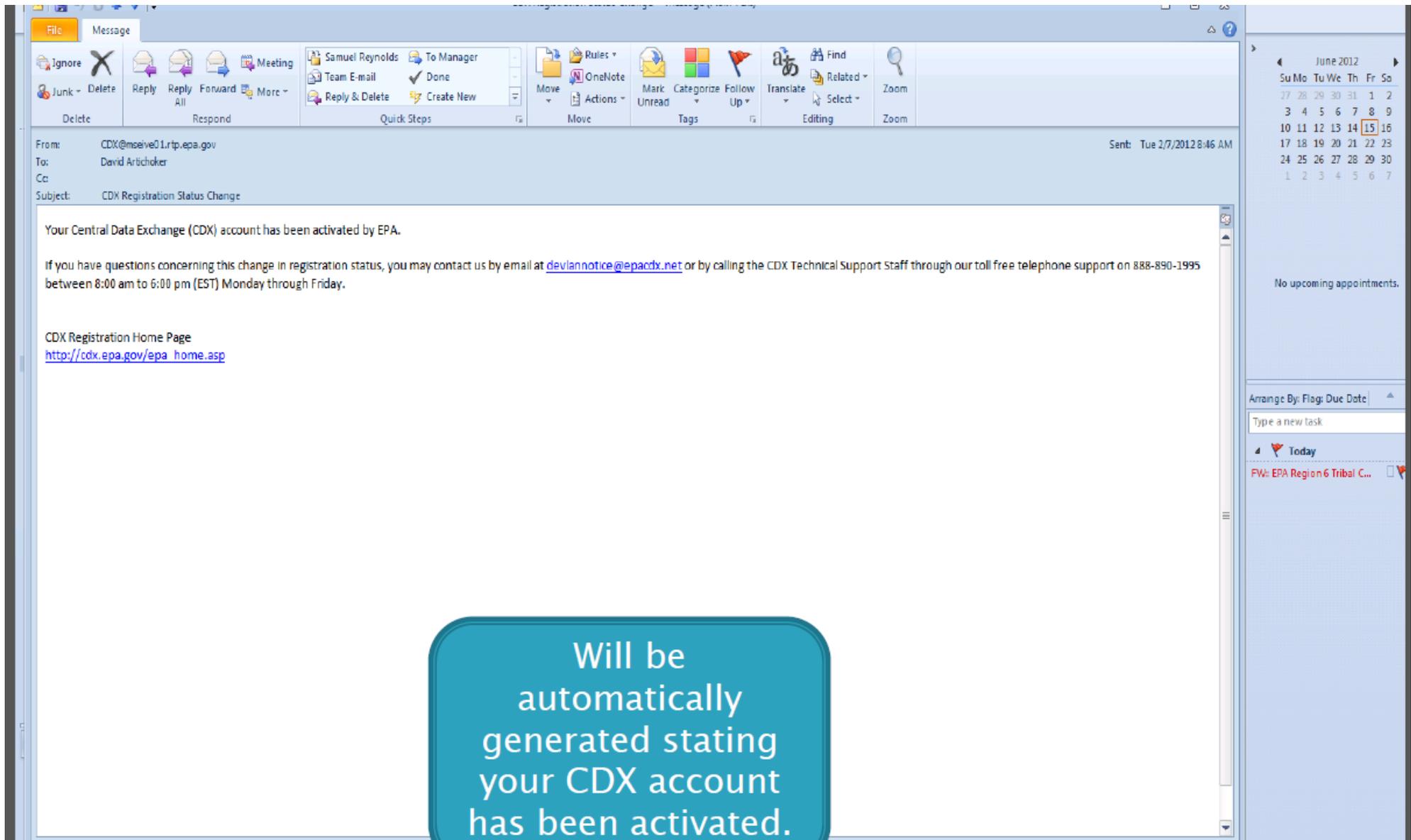
United States Environmental Protection Agency  
Central Data Exchange  
A New Paradigm for Environmental Reporting.

This will be automatically generated



No upcoming appointments.





- ▶ To go to your CDX Web Account simply type:

<https://cdx.epa.gov>



United States Environmental Protection Agency

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## CDX Central Data Exchange

[Contact Us](#)



### Log in to CDX

User ID

Password

[Log In](#)

[Register with CDX](#)

[Forgot your Password?](#)

[Forgot your User ID?](#)

[Warning Notice and Privacy Policy](#)

## Welcome

Welcome to the Environmental Protection Agency (EPA) Central Data Exchange (CDX) - the Agency's electronic reporting site. The Central Data Exchange concept has been defined as a central point which supplements EPA reporting systems by performing new and existing functions for receiving legally acceptable data in various formats, including consolidated and integrated data.

### Warning Notice and Privacy Policy

[Warning Notice](#)

## CDX Central Data Exchange

[Contact Us](#)  
Logged in as LAURASHUMWAY ([Log out](#))

[MyCDX](#) | [Inbox](#) | [My Profile](#) | [Submission History](#)

Services			<a href="#">Manage</a>
Status	Program Service Name	Role	
	WQX: WQX Web	<a href="#">WQX Web</a>	



Some people may have more than one available role. Some may work in more than one program.

[Add Program Service](#)

[Manage Your Program Services](#)

### CDX Service Availability

[See the status for all program services](#)

### News and Updates

No news/updates.

CDX Help Desk: 888-890-1995 | (970) 494-5500 for International callers



Phase One

COMPLETE!!!!

Congratulations 😊 😊 😊

## Phase 2 – Part A

- Setting up your template
- Getting familiar with the template

To download the WQX Template

[http://www3.epa.gov/storet/wqx/wqxweb\\_downloads.html](http://www3.epa.gov/storet/wqx/wqxweb_downloads.html)

- Scroll down and go to “WQX Web Physical/Chemical Results Template”

## WQX Web Tutorials, Example Data Files and User Guide

### [WQX Web V 2.0 Tutorials and Example Data Files](#) (ZIP 9.2MB)

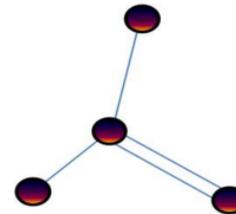
The folder has step by step tutorial documents, sample data files, and a sample template to provide training to new users. The tutorials may be used for assistance in submitting a users' own data via WQX Web all the way to the STORET Warehouse, or may be used within the WQX Web demo mode (a training mode). Please email [storet@epa.gov](mailto:storet@epa.gov) if you would like to use WQX Web in its demo mode for training purposes.

### [March 10, 2011 Tribal Webinar: WQX Web v2.0 and Submitting Biological and Habitat Data](#) (WMV 218MB)

This recorded webinar provided participants with a demonstration of the new features of WQX Web v2.0, as well as demonstration and discussion of how to submit biological and habitat data using the WQX Web Template and the WQX Web tool. The main audience for this webinar was tribal organizations, but other organizations can benefit from its review. The webinar is recorded in a Windows Media Video (WMV) file format. Please email [storet@epa.gov](mailto:storet@epa.gov) if you have any problems viewing this recording.

### [WQX Web User Guide Version 2.10](#) (PDF 2.6MB)

## WQX Web Template files



### [WQX Web Physical/Chemical Results Template](#) (ZIP 478KB)

The Physical-Chemical Results Template is provided to assist in formatting the regular results data, such as physical and chemical results that have been sampled and analyzed. The template is made up of two Microsoft Excel spreadsheet files that are meant to be used together to assist with data tracking and entry. The WQX Web Template Dictionary file provides guidance on the appropriate use of each data element, highlighting the data elements that are available in the WQX Web Template and showing the additional data elements that a user may add to the template. The dictionary covers data elements for all templates including Physical-Chemical Results, Biological Results, Habitat Results, Activity Metrics and Indices, and Continuous Monitoring Results.

This template contains sample data that can be imported into WQX Web using the following import configurations (for more information regarding how to use Import Configuration files in WQX Web, please see the WQX Web tutorials).

- [IMPORT PROJECTS](#)
- [IMPORT MONITORING LOCATIONS](#)
- [IMPORT RESULTS](#)

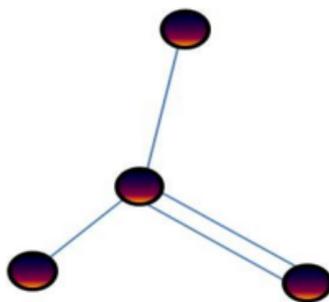
### [WQX Web Template User Guide](#) (PDF 49KB)

This is a step by step guide to use the WQX Web Template for Physical/Chemical



WQX Web User Guide Version 2.10 (PDF 2.6MB)

## WQX Web Template files



[WQX Web Physical/Chemical Results Template](#) (ZIP 478KB)

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- [IMPORT PROJECTS](#)
- [IMPORT MONITORING LOCATIONS](#)
- [IMPORT RESULTS](#)

[WQX Web Template Dictionary](#) (PDF 10KB)

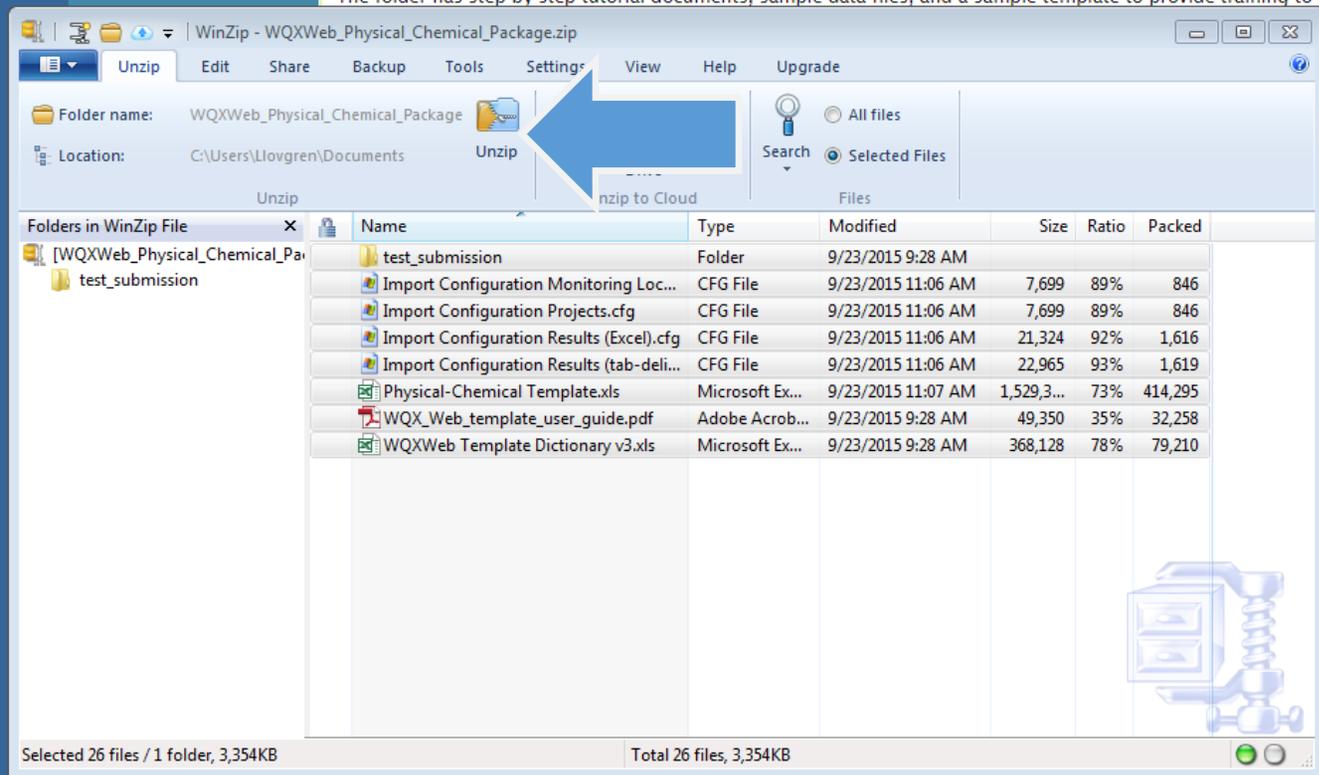
WQXWeb\_Physical\_C....zip

Show all downloads...

## WQX Web Tutorials, Example Data Files and User Guide

WQX Web V 2.0 Tutorials and Example Data Files (ZIP 9.2MB)

The folder has step by step tutorial documents, sample data files, and a sample template to provide training to new



Select all the items and click Unzip

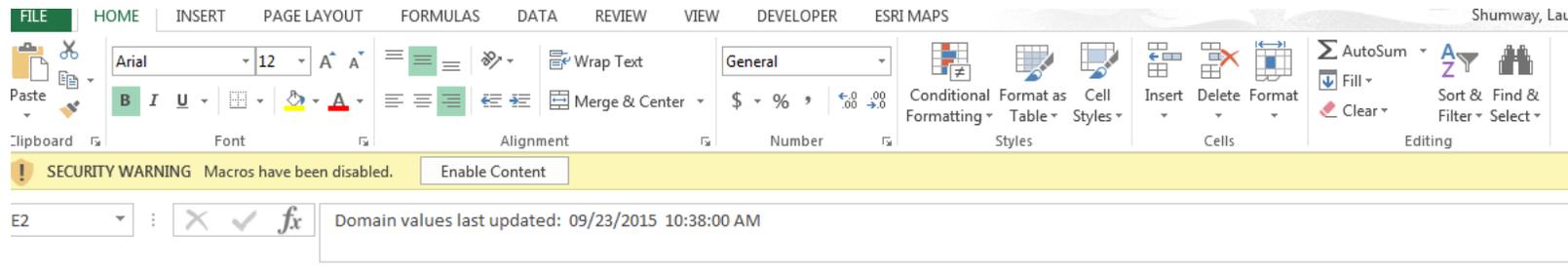
Save to "My Documents"

Open the Physical-Chemical Template.xls

Biological Results, Habitat Results, Activity Metrics and Indices, and Continuous Monitoring Results.

This template contains sample data that can be imported into WQX Web using the following import configurations (for more information regarding how to use Import Configuration files in WQX Web, please see the WQX Web tutorials).

- [IMPORT PROJECTS](#)
- [IMPORT MONITORING LOCATIONS](#)



Click “Enable Content”

USEPA WQXWeb Physical Chemistry Template Version 1.04		Domain values last updated: 09/23/2015 10:38:00 AM	
<ul style="list-style-type: none"> <li>This template is a data entry spreadsheet that guides data owners through organizing water quality data into a format that meets WQX data validation requirements.</li> <li>This template is intended to be paired with the WQXWeb Import Configuration - Import PhysChem Results.bin. Changes to the order of columns or the data format in this WQX Web template spreadsheet also need to be applied to the WQXWeb Import Configuration.</li> <li>Please refer to the latest version of the "WQXWeb Template Dictionary" for a detailed explanation of the contents within each data entry worksheet, in addition to a complete list of WQX Allowable Values. The dictionary also contains a list of all the columns available in each Data Entry worksheet.</li> </ul>			
Worksheets are color coded by function. The single pink tab contains buttons used to export data, the three yellow tabs are used to enter data, and the green tabs are reference lists for data columns that allow only specific values.			
Group Name	Use	Worksheet Name	Description
Export	Use buttons on this tab convert Data Entry Worksheets (yellow tabs) to .txt files	Export	The Export tab contains buttons to automatically export data from each of the data entry worksheets into tab delimited files ready to be imported into WQXWeb.
Data Entry Worksheets	A template for submission of water quality monitoring data. Projects, Monitoring Locations and Results templates are provided for users	Projects	The Project tab contains information about the water quality data collection program
		Monitoring Locations	The Monitoring Locations tab contains information about the sites where water quality data is being collected
		Results	The Results tab contains the field and laboratory water quality data collected.
Allowable Values/ Look-up Lists/ Domain Values	Tables of allowable values for specific columns in the Data Entry worksheets. All green-colored cells contain the values that should be used in the worksheets. Others cells are included for additional reference.	Allowed Values - Monitoring Locs	This tab contains multiple tables of listing the values that can be entered in particular columns in the Monitoring Locations tab.
		Allowed Values - Results	This tab contains multiple tables of listing the values that can be entered in particular columns in the Results tab.
		Characteristics	This tab contains a table of all Characteristics in STORET that can be used in the Characteristic Name field in the Results tab. The table also has fields to indicate if a particular Characteristic requires a Sample Fraction or Field/Lab Analytical Procedure (or both) for a particular characteristic.
		Analytical Methods	This tab contains a list of all nationally available result analytical methods. Additional methods can be defined by an organization in the "Analytical & Collection Methods" tab.
		Units of Measure	This tab contains a single table listing all result units of measure available in WQX.
		Analytical & Collection Methods	This tab can be used to record organization specific Result Analytical Methods and Sample Collection Methods. Data entered in this tab is not exported to WQXWeb.

Projects: Answers the questions “Why are you sampling?” and/or “For what purpose are you sampling?”

Hint: Does not need to be overly specific. Can be used for all of the data you collect.

	A	B	C
	Project ID	Project Name	Project Description
1			
2	106 SWS	106 Surface Water Sampling	Surface water sampling executed by Tribe X under 106 grant funding

Monitoring Locations: Answers the questions “Where are you sampling?” and “What type of water are your sampling?”

	A	B	C	D	E	F	G	H	I	J
	Monitoring Location ID	Monitoring Location Name	Monitoring Location Type	HUC Eight-Digit Code	Tribal Land Indicator	Tribal Land Name	Monitoring Location Latitude	Monitoring Location Longitude	Monitoring Location Horizontal Collection Method	Monitoring Location Horizontal Coordinate Reference System
1										
2	TT 1	Template Test 1	River/Stream	10010001	Yes	TRIBE X	40.594	-111.72	GPS-Unspecified	NAD83
3	TT 2	Template Test 2	River/Stream	03050201	Yes	TRIBE X	40.594	-111.72	GPS-Unspecified	NAD83
4	TT 3	Template Test 3	River/Stream	03050201	Yes	TRIBE X	40.527	-111.755	GPS-Unspecified	NAD83
5	TT 4	Template Test 4	River/Stream	12110111	Yes	TRIBE X	40.657	-111.77	GPS-Unspecified	NAD83
6	TT 5	Template Test 5	River/Stream	12110111	Yes	TRIBE X	40.522	-112.149	GPS-Unspecified	NAD83
7	TT 6	Template Test 6	River/Stream	14080202	Yes	TRIBE X	40.765	-111.848	GPS-Unspecified	NAD83
8	TT 7	Template Test 7	River/Stream	14080202	Yes	TRIBE X	40.771	-111.892	GPS-Unspecified	NAD83
9	TT 8	Template Test 8	River/Stream	17060201	Yes	TRIBE X	40.779	-112.099	GPS-Unspecified	NAD83
10	TT 9	Template Test 9	River/Stream	17060201	Yes	TRIBE X	40.598	-111.685	GPS-Unspecified	NAD83

Activities & Results: Answers the questions “What are you sampling?”, “When are you sampling?”, “What was the result?” and other metadata (information) is necessary for data reuse.

	B	C	D	E	F	G	H	I	J	K	L	M	N
	Monitoring Location ID	Activity ID	Activity Type	Activity Media Name	Activity Start Date	Activity Start Time	Activity Start Time Zone	Sample Collection Method ID	Sample Collection Equipment Name	Characteristic Name	Result Detection Condition	Result Value	Result Unit
1													
2	TT 2	TT2:200108010820	Field Msr/Obs	Water	2001-08-01	8:20:00	MDT			Dissolved oxygen (DO)		6.6	mg/l
3	TT 2	TT2:200108010820	Field Msr/Obs	Water	2001-08-01	8:20:00	MDT			Total dissolved solids		0.319	mg/l
4	TT 2	TT2:200108010820	Field Msr/Obs	Water	2001-08-01	8:20:00	MDT			pH		8.57	None
5	TT 2	TT2:200108010820	Field Msr/Obs	Water	2001-08-01	8:20:00	MDT			Salinity		0.24	mg/l
6	TT 2	TT2:200108010820	Field Msr/Obs	Water	2001-08-01	8:20:00	MDT			Temperature, water		70.16	deg F
7	TT 2	TT2:200108010820	Field Msr/Obs	Water	2001-08-01	8:20:00	MDT			Turbidity		35	NTU
8	TT 2	TT2:200109100948	Field Msr/Obs	Water	2001-09-10	9:48:00	MDT			Dissolved oxygen (DO)		8.52	mg/l
9	TT 2	TT2:200109100948	Field Msr/Obs	Water	2001-09-10	9:48:00	MDT			Total dissolved solids		0.313	mg/l
10	TT 5	TT5:200109100948	Field Msr/Obs	Water	2001-09-10	9:48:00	MDT			pH		8.95	None
11	TT 5	TT5:200109100948	Field Msr/Obs	Water	2001-09-10	9:48:00	MDT			Salinity		0.23	mg/l
12	TT 5	TT5:200109100948	Field Msr/Obs	Water	2001-09-10	9:48:00	MDT			Temperature, water		61.25	deg F
13	TT 5	TT5:200110031003	Field Msr/Obs	Water	2001-10-03	10:03:00	MDT			Dissolved oxygen (DO)		7.16	mg/l
14	TT 5	TT5:200110031003	Field Msr/Obs	Water	2001-10-03	10:03:00	MDT			Total dissolved solids		0.367	mg/l
15	TT 5	TT5:200110031003	Field Msr/Obs	Water	2001-10-03	10:03:00	MDT			pH		8.55	None
16	TT 5	TT5:200110031003	Field Msr/Obs	Water	2001-10-03	10:03:00	MDT			Salinity		0.27	mg/l
17	TT 3	TT3:200110031003	Field Msr/Obs	Water	2001-10-03	10:03:00	MDT			Temperature, water		49.46	deg F
18	TT 3	TT3:200110031003	Field Msr/Obs	Water	2001-10-03	10:03:00	MDT			Turbidity		43	NTU
19	TT 6	TT6:200109100948	Sample-Routine	Water	2001-09-10	9:48:00	MDT	TRIBAL QAPP	Water Bottle	Ammonia-nitrogen		0.9022	mg/l
20	TT 6	TT6:200109100948	Sample-Routine	Water	2001-09-10	9:48:00	MDT	TRIBAL QAPP	Water Bottle	Nitrate		7.2	mg/l
21	TT 6	TT6:200109100948	Sample-Routine	Water	2001-09-10	9:48:00	MDT	TRIBAL QAPP	Water Bottle	Nitrite		4.46	mg/l

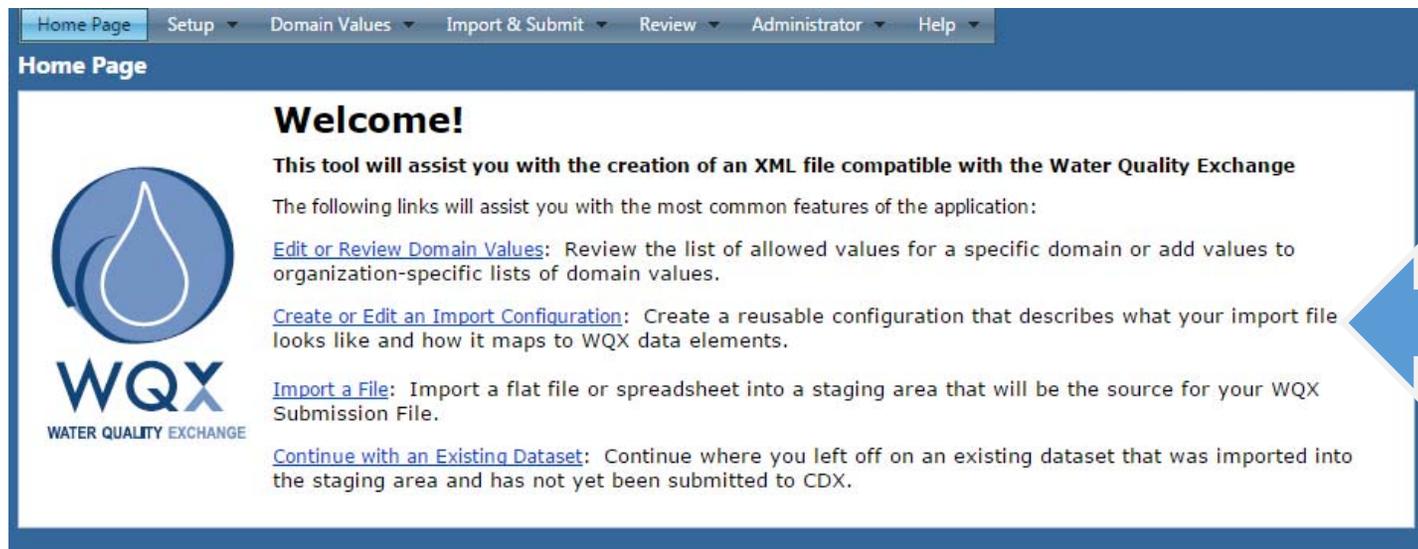
CONGRATULATIONS

YOU HAVE FINISHED PHASE 2 PART A!!!!!!!

# Phase 2 – Part B

To setup Import Configuration go to <https://cdx.epa.gov/>

Log In → WQX Web → Create or Edit an Import Configuration



Home Page Setup Domain Values Import & Submit Review Administrator Help

**Home Page**

**Welcome!**

**This tool will assist you with the creation of an XML file compatible with the Water Quality Exchange**

The following links will assist you with the most common features of the application:

- [Edit or Review Domain Values](#): Review the list of allowed values for a specific domain or add values to organization-specific lists of domain values.
- [Create or Edit an Import Configuration](#): Create a reusable configuration that describes what your import file looks like and how it maps to WQX data elements.
- [Import a File](#): Import a flat file or spreadsheet into a staging area that will be the source for your WQX Submission File.
- [Continue with an Existing Dataset](#): Continue where you left off on an existing dataset that was imported into the staging area and has not yet been submitted to CDX.



# Training User Template Import Configurations

Import Configurations that match the WQX Web template already exist!

Select # 1005 “WQX Web Template Projects (Template)”

3343	Activities and Results	<u>WQX Web Template REGULAR Results (Template)</u>		.Training User Template Owner
3637	Activity Groups	<u>Import Activity Group (comma sep) (Template)</u>		.Training User Template Owner
3294	Indexes	<u>WQX Web Template BioHabitat INDEX (Template)</u>		.Training User Template Owner
1118	Monitoring Locations	<u>Import MONITORING LOCATION (Template)</u>		.Training User Template Owner
3653	Monitoring Locations	<u>WQXWeb Template MONITORING Location (Template)</u>		.Training User Template Owner
1005	Projects	<u>WQX Web Template PROJECTs (Template)</u>		.Training User Template Owner



### Import Configuration

Return Save Cancel Delete Save As User Rights Enable Expert Mode Show Columns as Numbers



Select "Save As"  
Then Select "Ok"

Type: Projects  
Owner: .Training User Template Owner [Change Owner](#)  
Name\*: WQX Web Template PROJECTS  
Description:   
File Type\*: Microsoft Excel (xlsx)  
Worksheet(s) to Import: 3rd (note: the "1st" worksheet is the left-most tab of the Excel Workbook)  
 This is a template (shared with all users)  
Template Use: Direct Use or Copy Allowed

Attached Files: [Add](#)

#### Generated Values (not in your import file):

Pick	Entity	Element	Default Value	Format
	Organization	Organization ID	<a href="#">(none)</a>	

#### Columns (in your import file)

	Column	Pick	Entity	Element	Default Value	Format	Translations
	A		Project	Project ID	<input type="text"/>		0 <a href="#">Edit</a>
	B		Project	Project Name	<input type="text"/>		0 <a href="#">Edit</a>
	C		Project	Project Description	<input type="text"/>		0 <a href="#">Edit</a>

#### Audit Information

Created: 07-24-2015 06:47:10 PM (by .Training User Template Owner) Last Modified: 11-23-2015 11:49:08 AM (by Laura J Shumway)

[Create a list of column headings that I can copy and paste into Excel](#)

## Import Configuration

[Return](#) [Save](#) [Save As](#) [Save To File](#) [Change User Rights](#) [Enable Expert Mode](#) [Show Columns as Numbers](#)

2

1

3

Name: Projects  
Owner: Laura J Shumway [Change Owner](#)  
Name: WQX Web Template PROJECTS  
Description:  
File Type: Microsoft Excel (xlsx)  
Worksheet(s) to Import: 3rd (note: the "1st" worksheet is the left-most tab of the Excel Workbook)  
[View the template that this was based on](#)

1. You can rename the file however you want. Make sure to include the word "Projects"
2. Then Select Save
3. Then Select Return

### Generated Values (not in your import file):

Pick	Entity	Element	Default Value	Format
	Organization	Organization ID	<a href="#">(none)</a>	

### Columns (in your import file)

	Column	Pick	Entity	Element	Default Value	Format	Translations
	A		Project	Project ID	<input type="text"/>		0 <a href="#">Edit</a>
	B		Project	Project Name	<input type="text"/>		0 <a href="#">Edit</a>
	C		Project	Project Description	<input type="text"/>		0 <a href="#">Edit</a>

### Audit Information

Created: 11-23-2015 02:50:21 PM (by Laura J Shumway) Last Modified: 11-23-2015 02:50:21 PM (by Laura J Shumway)

[Create a list of column headings that I can copy and paste into Excel](#)

# Copy all template import configurations

Select #3343 and select Save as → Save → Return

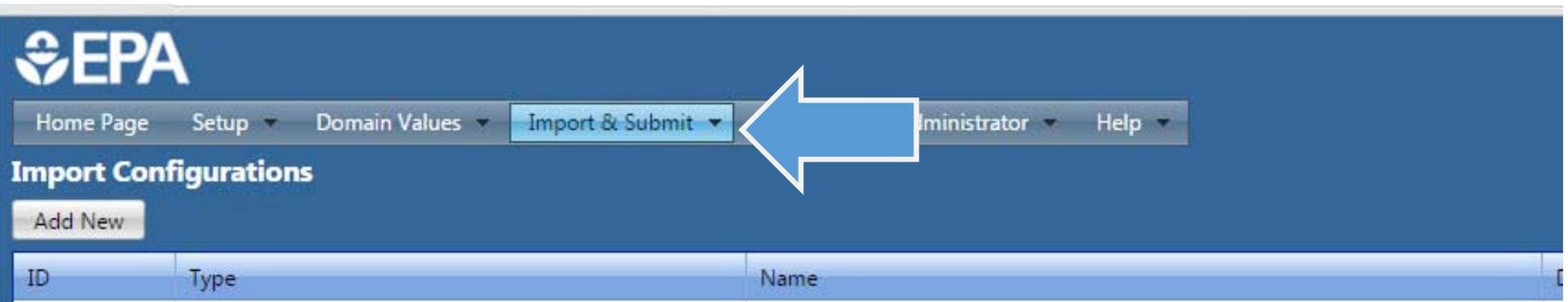
Then Select #3653 and select Save as → Save → Return

3343	Activities and Results	<u>WQX Web Template REGULAR Results (Template)</u>		.Training User Template Owner
3637	Activity Groups	<u>Import Activity Group (comma sep) (Template)</u>		.Training User Template Owner
3294	Indexes	<u>WQX Web Template BioHabitat INDEX (Template)</u>		.Training User Template Owner
1118	Monitoring Locations	<u>Import MONITORING LOCATION (Template)</u>		.Training User Template Owner
3653	Monitoring Locations	<u>WQXWeb Template MONITORING Location (Template)</u>		.Training User Template Owner
1005	Projects	<u>WQX Web Template PROJECTs (Template)</u>		.Training User Template Owner

# Import a File

Select Import & Submit then select → “Import Projects into the staging area”

Select the project import configuration you saved on slide 31



The screenshot shows the EPA web application interface. At the top left is the EPA logo. Below it is a navigation menu with the following items: Home Page, Setup, Domain Values, Import & Submit, Administrator, and Help. The 'Import & Submit' menu item is highlighted in blue, and a large blue arrow points to it from the right. Below the navigation menu is the 'Import Configurations' section, which includes an 'Add New' button and a table with columns for ID, Type, and Name.

ID	Type	Name
----	------	------

1. Change the Org ID to your organization – If you want to test the system, select the Org ID labelled WQXTEST
2. Select Choose File then browse to My documents to select the template you filled out
3. Select Continue

The screenshot shows the 'Import File' page with a navigation menu at the top: Home Page, Setup, Domain Values, Import & Submit, Review, Administrator, and Help. The main heading is 'Import File' with a 'Continue' button. A blue arrow labeled '3' points to the 'Continue' button.

Below the heading is the section 'Import Configuration and Type of File' with the following fields:

- Type of Data: Projects
- Import Configuration: .Training User Template Owner ~ WQX Web Template PROJECTs (Template) ~ 1005
- Type of File: Microsoft Excel (xlsx)
- Worksheet(s) to Import: 3rd (note: the "1st" worksheet is the left-most tab of the Excel Workbook)
- Ignore First Row of Import File?

Below this is the 'Generated Values' section with a table:

Element	Value	Format
Organization ID	{none}	

A blue arrow labeled '1' points to the 'Organization ID' field.

Below the table is the 'New or Existing Data:' section with three radio button options:

- This file contains new data only.**  
*Log an error if the unique ID of a record in the file matches a record in WQX (to prevent me from accidentally overwriting existing data).*
- This file contains existing data only.**  
*Log an error if the unique ID of a record in the file does not match a record in WQX (to prevent me from creating duplicate data).*
- This file may contain new and/or existing data.**  
*Don't log errors for unique IDs. Just provide summary counts of new/existing records (on the Dataset Summary Page)*

Below this is the 'Import File(s)' section with two rows:

- Import File:  No file chosen .xlsx, .xlsm, .zip
- Attachments File:  No file chosen .zip

A blue arrow labeled '2' points to the 'Choose File' button for the 'Import File' row.

# Please be patient. The dataset is importing

## Dataset Details

[Return](#) [Cancel](#)

### Dataset Information:

Type: Projects

Import Configuration: [Projects template](#)

Status:  Importing

Event Log: 0 Errors, 0 Warnings, 1 Messages [View Log](#)

Start Time: 11-23-2015 03:09:47 PM

End Time:

### Datasets are Temporary

Datasets are held in a staging area while you review or correct errors found during import.

You have up to 15 days to export and submit this dataset to CDX in order to make this data permanent.

# Check for errors

1. Check to make sure it imported
2. Check for errors
3. Make sure existing = 0. If it is larger than 0, you are overwriting another file/result.
4. If there are no errors, select Export & Submit to CDX

**Dataset Details**

Return Delete **Export & Submit to CDX** ← 4

**Dataset Information:**

Type: Projects  
Import Configuration: [Projects template](#)  
Organization ID: WQXTEST  
**Status: Imported** ← 1

**Datasets are Temporary**  
Datasets are held in a staging area while you review or correct errors found during import.  
You have up to 15 days to export and submit this dataset to CDX in order to make this data permanent.

**Import Event**

Start Time: 11-23-2015 03:09:47 PM  
End Time: 11-23-2015 03:09:48 PM  
File Name: Thaddeus Projects Template.txt  
Event Log: [View all validation errors and warnings](#)

Message Type	Total	Resolved	Event Log	Resolution
Message	7		<a href="#">View Log</a>	None Needed

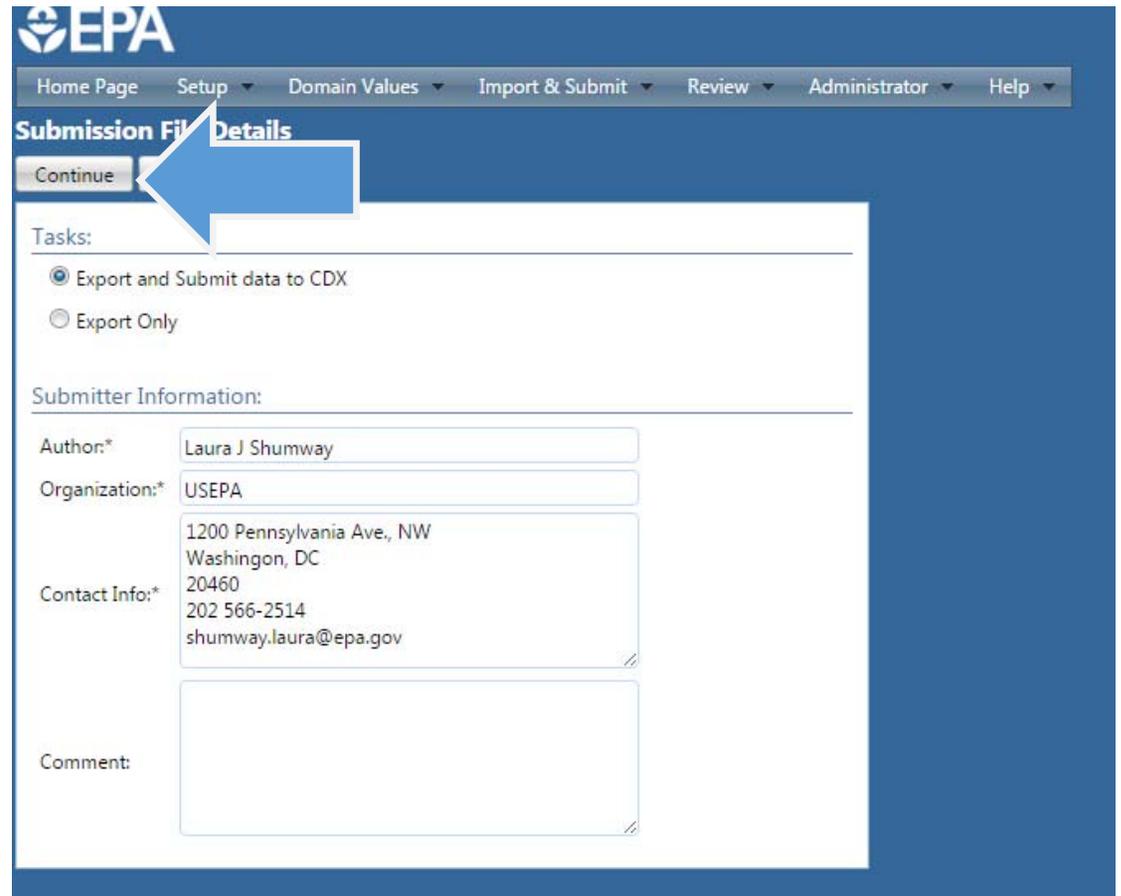
 ← 2

**Imported Records:**

Entity	Total	Valid	New	Existing
Project	1	1	1	0

 ← 3

Make sure the information is correct and select Continue



The screenshot shows the EPA Submission File Details web form. At the top, there is a navigation bar with the EPA logo and menu items: Home Page, Setup, Domain Values, Import & Submit, Review, Administrator, and Help. Below the navigation bar, the page title is "Submission File Details". A blue arrow points to the "Continue" button. The form contains the following sections:

- Tasks:** Two radio button options: "Export and Submit data to CDX" (selected) and "Export Only".
- Submitter Information:** A section with the following fields:
  - Author:\*** Laura J Shumway
  - Organization:\*** USEPA
  - Contact Info:\*** 1200 Pennsylvania Ave., NW  
Washington, DC  
20460  
202 566-2514  
shumway.laura@epa.gov
  - Comment:** (Empty text area)

Please be patient. The dataset is going to the EPA

**Dataset Details**

Return Cancel

**Dataset Information:**

Type: Projects

Import Configuration: [Projects template](#)

Organization ID: WQXTEST

**Status:**  **Waiting to Export and Submit** (0.00%)

Start Time: 11-23-2015 03:14:30 PM

End Time:

File/Transaction ID: Thaddeus Projects Template.txt

**Datasets are Temporary**

Datasets are held in a staging area while you review or correct errors found during import.

You have up to 15 days to export and submit this dataset to CDX in order to make this data permanent.

1. Check to make sure it is completed in the dataset information and submission completed box

**Dataset Information:**

Type: Projects  
Import Configuration: [Projects template](#)  
Organization ID: WQXTEST  
**Status: Completed at CDX**

**Export Event**

Start Time: 11-23-2015 03:14:30 PM  
End Time: 11-23-2015 03:14:33 PM  
Transaction ID: \_3a3d0a43-e248-40d5-984a-0f4a9e6b0ff4  
Event Log:

Message Type	Count	Event Log
Message	5	<a href="#">View Log</a>

**Import Event**

Start Time: 11-23-2015 03:09:47 PM  
End Time: 11-23-2015 03:09:48 PM  
File Name: Thaddeus Projects Template.txt  
Event Log: [View all validation errors and warnings](#)

Message Type	Total	Resolved	Event Log	Resolution
Message	7		<a href="#">View Log</a>	None Needed

**Submission Completed!**

Your submission to CDX/WQX completed successfully.  
You can delete this dataset from the staging area now that it is no longer needed.

**Documents:**

Name
<a href="#">WQX Submission 41104 Update.zip</a>
<a href="#">ValidationResults.xml</a>
<a href="#">ProcessingReport.zip - View in Browser</a>

# You will receive a confirmation email from CDX

Reply Reply All Forward IM



Mon 11/23/2015 3:15 PM

cdx@epa.gov

[cdx-wqx] Transaction is finished with status COMPLETED

To Shumway, Laura

Retention Policy Inbox (Never)

Expires Never

Transaction is finished with status: COMPLETED.

## Transaction Information:

-----  
Environment: prod

Transaction Id: \_3a3d0a43-e248-40d5-984a-0f4a9e6b0ff4

Submission Time: 2015-11-23 15:14:32.0

Submitter User Id: LAURASHUMWAY

Submission Status: COMPLETED

Submission Details:

Please visit the WQX website or download WQX documents using your node for additional information regarding your submission.

CONGRATULATIONS!

YOU HAVE SUCCESSFULLY SUBMITTED TO EPA!!!!

TO SUBMIT YOUR MONITORING LOCATIONS AND RESULTS, FOLLOW  
STEPS OUTLINED 34-40 USING THE CORRESPONDING TEMPLATES