

ARIZONA WATER QUALITY DATABASE

eAquaPro USER GUIDE

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User guide prepared by

enfoTech

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1. System Detailed Overview

1.1. Accessing eAquaPro/Login Page

To access the eAquaPro application, open the Internet Explorer application on your local computer and navigate the appropriate URL¹. Click the **Login** button and enter your User name and Password in the “User Login” section and click the **Sign In** (SIGN IN) button to enter the eAquaPro Application. If you have forgotten your password, click the ‘Forgot Your Password?’ link, and fill out your username and email address in the window that pops up and click the “Retrieve Password” button and your login information will be emailed to you.

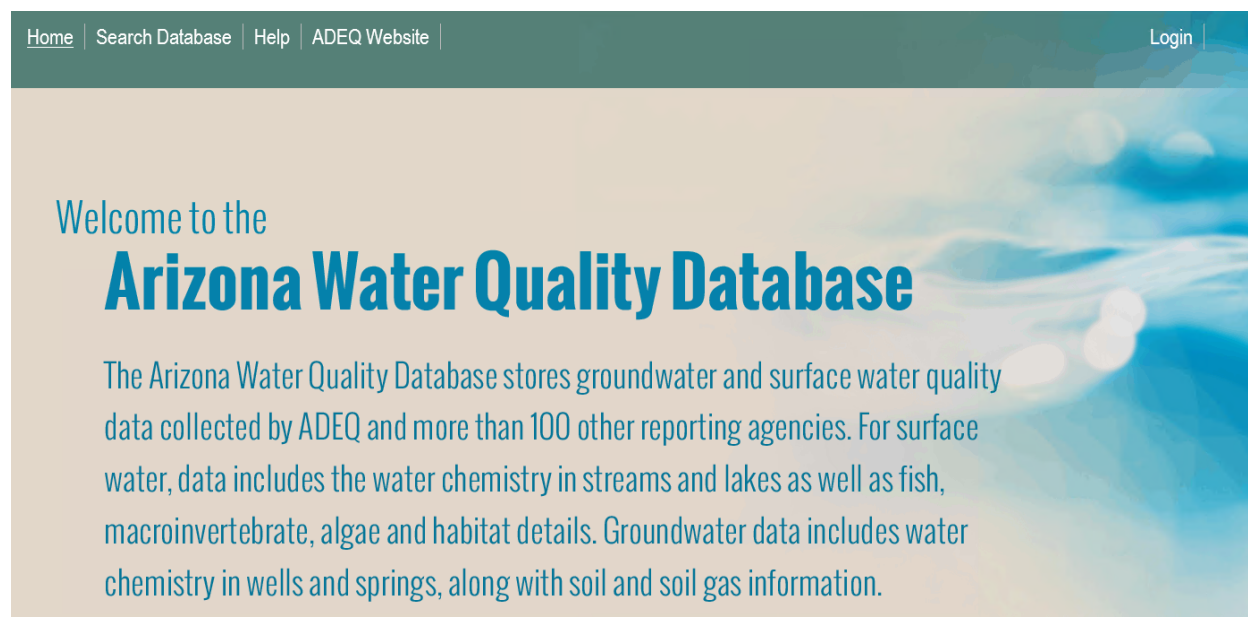


Figure 2-1: Login Screen

1.2. eAquaPro Navigation and Information Features

The following Features are included within the eAquaPro Web Application to help you navigate through eAquaPro or to provide further information on the eAquaPro Web Application.

1.3. Yellow Bubble Instruction Text

At the top of each screen within eAquaPro, a Yellow Bubble is included briefly describing the functions of the current screen. This is a good place to start if you are unsure of the functionalities available on an eAquaPro Web Screen.

¹ This item is current as of the time that this document was last updated: the eAquaPro Public URL is <http://eAquaPro.idem.in.gov/eAquaPro.Web/Pages/Main/Login.aspx>

Use the **Browse** button to select a file from your local computer and click on the **Upload** button to upload the file to the system. To view an Attachment, click on the **View** icon of the Uploaded Files table. To delete a file, click on the **Delete** icon. * Denotes a required field.

Figure 2-2: eAquaPro Yellow Bubble Instruction Text

1.4. Help Icons


In select areas of the eAquaPro Web Application, Help Icon's  are included to provide detailed help on a specific area of the current eAquaPro Web Screen. Click on the Help Icon to view a pop up window containing the helpful information.



Figure 2-3: eAquaPro Help Icon Text

1.5. Mouse-Over's

Icons within the eAquaPro Application have mouse-over associated with them briefly describing the Icon meaning. .

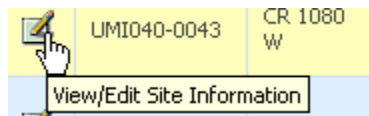





Figure 2-4: Mouse-Over's

1.6. Home, Help, and Logout

At all points within the eAquaPro Web Application, you will have access to the following options:

- Home (): Click on the Home Icon located in the Upper Left portion of all eAquaPro Web Pages to navigate your browser back to the eAquaPro Web Application Home Page.
- Help (): Click on the Help Icon located in the Upper Right portion of all eAquaPro Web Pages to view a PDF copy of the eAquaPro User Guide (this document).
- Logout () : Click on the Logout Icon located in the Upper Left portion of all eAquaPro Web Pages to exit out of the eAquaPro Web Application.

1.7. Left Navigation Panel

After logging into the eAquaPro Web Application, a list of the system modules available to you will appear on the Left Navigation Panel. Public User's will have access to the "Site Management", "Project

Management”, “Search Data”, “WQX Submission” under Projects and “System Settings” and “My Account” Modules. Other eAquaPro Modules are for State Use only and as such are described in the eAquaPro Administrator Guide separate of this document. Unless the system notifies you otherwise, you may access the available Module Functions by clicking at any time on one of the available Left Navigation Panel Links. The following sections describe the Public Navigation Panel Modules in more detail.

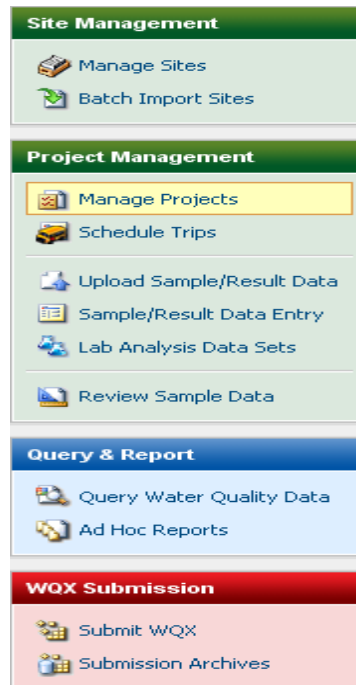


Figure 2-5: eAquaPro Navigation Panel

2. Home

The screenshot displays the ADEQ Home page with a navigation bar at the top containing 'Home', 'Projects', 'System Settings', and 'My Account'. The user is logged in as 'Hello, Administrator'.

Recently Edited Projects

Project	Purpose
2016-AMBIENT SAMPLING PROGRAM	AMBIENT SAMPLING PROGRAM
2015-ADEQ General Groundwater Sampling	ADEQ General Groundwater Sampling

[See More Projects...](#)

Recently Edited Trips

Trip #	Trip Type	Team Name	Start Date
17W001-56109	Sampling	teadv	12/05/2016
9434_2015-ADEQ	Sampling	2015-ADEQ General Groundwater Sampling	02/26/2015

[See More Schedule Trips...](#)

WQX Information

You don't have any WQX submission.

[See More WQX Information...](#)

[Click here to see WQX Submissions Status](#)

Recently Edited Samples

Sample #	Project	Medium	Data Type
AB000004	2015-ADEQ General Groundwater Sampling	Water	REGULAR
AB000002	2015-ADEQ General Groundwater Sampling	Water	REGULAR
AB000001	2015-ADEQ General Groundwater Sampling	Water	DUPLICATE
AB000000	2015-ADEQ General Groundwater Sampling	Water	REGULAR

[See More Samples...](#)

Recently Edited Lab Data Sets

Data Set #	Data Set Type	Laboratory
17W001-56109-2380	Water	ANALYTICAL TECHNOLOGIES
17W001-56109-2379	Sediment	ADVANCED TECHNOLOGY LABORATORY
1552370-2378	Sediment	AMERICAN ANALYTICAL LABORATORIES
17W001-56109	Sediment	AQUA TECH ENVIRONMENTAL LABORATORIES, INC.
17W001-56109	Fish Tissue	AQUA TECH ENVIRONMENTAL LABORATORIES, INC.

[See More Data Sets...](#)

System Sample Status

CHEM	FISH	MACRO	PREP_SET
Total: 11 (100.00%)			
New: 2 (18.18%)			
Edit: 1 (9.09%)			
Submitted: 1 (9.09%)			
Importing: 1 (9.09%)			

Quick Links

- Site Management
 - Manage Sites
 - Batch Import Sites
- Project Management
 - Manage Projects
 - Schedule Trips
 - Upload Sample/Result Data
 - Sample/Result Data Entry
 - Lab Analysis Data Sets
 - Review Sample Data
- Query & Report
 - Query Water Quality Data
 - Ad Hoc Reports
- WQX Submission
 - Submit WQX
 - WQX Submission Archives
- Security Settings
 - Manage Users
 - Manage Roles
- System Information
 - Reference Data
 - System Logs

Figure 2-6. Home

This page contains quick links to the individual and last/recent saved module information of the application and can help the user to directly go to the particular module/project.

3. Projects – Site Management

3.1. Manage Sites

Project > Site Management > Manage Sites

Manage Sites

Enter any search criteria and click **Search** to retrieve a list of matching Sites from the ADEQ database. The list of Sites retrieved by the system can be exported to Excel or Access by clicking on the "Export to Excel" or "Export to Access" button, respectively.

To view a Site's Detailed Information, click on the **View/Edit Site Information** icon in the Search Result table.

To add a new Site to the ADEQ database, click on the **Create New Site** button.

Search for Site

Search Operand: ☒ AND ☐ OR

DEQ Site/Well Number: Site ID: Site Type: Waterbody Name: Latitude Range: ~

Longitude Range: ~

HUC Code: HUC Level: County: Project: GNIS ID:

Search **Create New Site**

Search Result

1 - 15 of 1264 item(s) Items per page: 15

Delete	Edit	DEQ Site/Well Number	Site Name	Type	County	Waterbody Name	Site ID	HUC12	HUC14	Lat.	Long.	Updated By	Updated Date
		111255	DRY CREEK	Stream	SANTA CRUZ	DRY CREEK (D1Y) - D1Y - S - MG - MG - 15070102 (S MG)	MGD1Y007.40	15070102		34.34296940	-111.92048890	JOW	10/4/2016 9:00:45 AM
		111236	POTRERO CREEK - NEAR THE MOUTH (FRONTAGE ROAD OF THE RV PARK)	Stream	SANTA CRUZ	POTRERO CREEK - POT - S - SC - SC - 15050301 (S SC)	SCPOT004.30	15050301		31.39738610	-110.95719720	AC3	9/27/2016 8:43:28 AM


3.1.1. Manage Sites – Search

Figure 2-7: Manage sites - Search

This page will allow the user to enter search criteria on the top, and clicking on **Search** button the application will retrieve Sites matching the search criteria from the eAquaPro database for the value entered in the text boxes or from the drop down selected. The "Manage Sites" screen allows the user to view a list of the sites that your eAquaPro User Account is currently associated with; the user may also view current Site Details, request to associate a New Site with one of the Current Sites, or request to associate one or more additional Sites to the users eAquaPro User Account. The user can search the eAquaPro database using two options which are 'and' & 'or', and based on the search operand, the application will retrieve the data.

The search result table on the screen will display a list of Sites within the eAquaPro system. The icon will display the "Site Details" Screen (See Below) where the user can edit or change the data entered depending on the security role. The **Create New Site** will allow the user to create a new site to your eAquaPro User Account depending on if the user's security profile has the authority. If the user does not have authority then the application will not allow the user to create a new site.

The **Export to Excel** will allow the user to export the data to an .xls file.

The  button will allow the user to export the data to an .mdb file.

3.1.2. Manage Sites – General Information Tab

Project > Site Management > Manage Sites

[Back to Site List](#)

Current Site: 110916 (JOSEPHINE CANYON - NEAR MOUTH)

General Information | Well Information | Station Aliases | Reconnaissance Information | Attachment | Station Potential Source

Elevation, Elevation Measuring Method, Waterbody and RF3 Reach No are not required for Wells.
DEQ Site/Well Number, Basin, County, Watershed and HUC # will be filled in after user saves the site for the first time.

Enter the coordinates and detailed information of the new Site you wish to add to the ADEQ database, and click on the Save Site button.
Click Back to Site List to exit this page without saving any changes.

When you create the Site, a Site ID will be automatically generated by the system. Please note, at least one set of Location Coordinates is required to create a Site; once you provide one set of location coordinates, the other sets will be generated for you by the system.

* Denotes a Required field.

Site Type & Coordinates

Site ID: SCJSC000.68 DEQ Site/Well Number: 110916 * Waterbody: JOSEPHINE CANYON - JSC - S - SC - SC - 15050301 (S SC) * Site Type: Stream

Site Name: JOSEPHINE CANYON - NEAR MOUTH

* Elevation: 3310 Elevation Precision: * Elevation Measuring Method: INTERPOLATED FROM NATIONAL ELEVATION DATASET

* Latitude(DD): 31.55178330 * Longitude(DD): -111.03413330 [Map It](#)

Latitude(DMS): 31 Deg 33 Min 6.4199 Sec Longitude(DMS): -111 Deg 2 Min 2.8799 Sec

Easting: 496760.342089445 Northing: 3490756.50755899 Zone: 12N

Other Information

Mile: Drainage Method: Drainage Area (sq.mi): Gage Station No: ☐ Gage Station?

Detailed Site Description: NEAR MOUTH Site Access: Site Comment:

Basin Filter (Will not be saved): Basin: SANTA CRUZ County: SANTA CRUZ State: Arizona

Topo: TUBAC Lake Surface Area: Lake Depth Max:

GPS Unit Type: GPS Date Time: GPS Datafile:

Lat/Long Precision: * Lat/Long Method: AUTONOMOUS (GPS) POSITIONS Monitoring Point Distance: 000.68

Current Site Type: Biocriteria Exemption: GIS Slope (decimal): Stream Order:

Watershed: Water Body Sub Type: Trophic Status Name:

Origin: Terminus: HUC #: 15050301 * RF3 Reach No: Flow Regime:

Designated Uses

AWC: AWW: AWE: AWEDW:


FC: FBC: PBC: DWS:


AGI: AGL: OAW: SWQS Type:


[Save Site](#) [Generate Site ID](#)

Figure 2-8: Manage sites – General Information tab.

The “Site Details” page allows the user to View and Edit Site Details (with appropriate rights). The user can enter the coordinates and detailed information of the new Site you wish to add to the eAquaPro

database and clicking on the  button; the eAquaPro system will verify that the entered location is valid and that it does not already exist. The “Map It” hyperlink will open a view of the location coordinates in Google maps.

The user can edit the Site Details in the General Information tab, and enter information in the text fields that display on the page. All fields marked with a red asterisk (*) are required. In order to save any Site Details changes that has been made, the user has to click the  button. A confirmation message will appear on top of the page, if the information is saved correctly. If one or more required fields are empty, the message ‘Required Field’ will appear on top of the page when you attempt to save.

To return to your eAquaPro User Account Associated Site list without saving any uncommitted changes, click the  hyper link.

3.1.3. Manage sites – Reconnaissance Information Tab

Project > Site Management > Manage Sites

[Back to Site List](#)




Current Site: WPA010-0045 (CR 350 W)

General Information **Reconnaissance Information** Attachment

Below is a list of all Reconnaissance Forms associated with the selected Site.
From the Reconnaissance List table, click on the **Edit Recon Form** icon to modify an existing Reconnaissance form. Click on the **View Recon Form** icon to generate the Reconnaissance form report. To remove a Reconnaissance record from the list, click on the **Delete** icon.
Click on the **Create New Recon** button, and fill in the Reconnaissance Data Entry screen to add a Reconnaissance form to the site.

Reconnaissance List



1 - 1 of 1 item(s)


Delete	View	Edit	EPA Site Identifier	Recon Date	Recon #	Project Name	Trip Name	Trip Start	Activity End
			INRB06-164	03/20/2006	0				

Create New Recon

Figure 2-9: Manage sites- Reconnaissance Information tab.

This page shows the user a list of all Reconnaissance Forms associated with the selected Site. . The “Reconnaissance list” screen allows you to View Details in the Reconnaissance Information tab, as well as to View Sites currently associated to the Project.

The  edit icon will allow the user to edit the data or change the data that already exists in the system depending on if the security role is permitted. The  icon will pop up message confirming the deletion of the record and if “yes” is selected, application will delete the record. If “cancel” is selected, application will not delete the record. This deleting of record depends on the security profile and if the profile allows the user to delete. The **Create New Recon** button will open a new window 'Reconnaissance data entry' which allows the user to create a new recon if the security profile allows creating one.

The  icon will allow the user to read the Recon report.

To return to your eAquaPro User Account Associated Site list without saving any uncommitted changes, click the [Back to Site List](#) hyper link.

3.1.4. Manage Sites – Add/ Edit Reconnaissance tab

Reconnaissance Data Entry

SITE RECONNAISSANCE FORM

★ SITE NAME:	★ SITE ID:	DATE:
POTRERO CREEK - ABOVE MEADOW HILL DEVELOPMEN	SCPOT006.33	04/10/2017
Waterbody ID:		
AZ (15050301) 500A		
★ Waterbody NAME:		
POTRERO CREEK - POT - S - SC - SC - 15050301 (S SC)		
★ TEAM LEADER:	TEAM MEMBERS 1:	
CONSULTANT (653)		
TEAM MEMBERS 2:	TEAM MEMBERS 3:	
TEAM MEMBERS 4:		

SITE PERMISSION

★ LAND OWNER:

☐ Forest Service ☐ BLM ☐ Land Owner - Other ☒ Land Owner - Private ☐ State

★ Fill in Private Owner Information:

test

★ PRIVATE OWNER FIRST NAME: ★ PRIVATE OWNER LAST NAME:

John Smith

★ PRIVATE OWNER PHONE: Ext.:

(555) 1234567

★ STREET ADDRESS 1:

1 Main St.

STREET ADDRESS 2:

★ CITY: ★ STATE: ★ ZIP CODE:

Phoenix Arizona 12345

WAS ACCESS GRANTED BY PRIVATE OWNER? Yes for all quarters; do not contact again

COPY OF RESULTS? Yes

SITE LOCATION

★ LATITUDE (DD):	★ LONGITUDE:
31.37930560	-110.97708330

TYPE:

Target

SUB-TYPE:

Sampleable

Results and Comments

Comments:

Comments

OFFICE FOLLOWUP

SITE SAMPLEABLE?

Yes

FIELD VERIFIED?

Yes

Save Recon

Close

Figure 2-10: Manage Sites – Add/ Edit Reconnaissance tab



This page will be opened once the user clicks on the edit icon of a row in the reconnaissance tab or when creating a new recon, if security profile allows to. This page will allow the worker to edit the data that already exists in the system or even for creating a new recon.

The user can edit the Reconnaissance Details in the Reconnaissance tab, and enter information in the text fields that display on the page. All fields marked with a red asterisk (*) are required. In order to save any changes that has been made, the user has to click the **Save Recon** button. A confirmation message will appear on top of the page, if the information is saved correctly. If one or more required fields are empty, the message 'Required Field' will appear on top of the page when you attempt to save.

To return to your Reconnaissance list without saving any uncommitted changes, click the **Close** button.

3.1.5. Manage Sites – Attachment Tab

Figure 2-11: Manage Sites – Attachment Tab

This Attachment tab displays the list of files uploaded by that site. The **Browse...** button will allow selecting the file that needs to be uploaded. The **Upload** button will upload the file together with file description and display below the uploaded files. The  icon will allow user to view the file which has been selected. The  icon will pop up message confirming the deletion of the record and if “yes” is selected, application will delete the record. If “cancel” is selected, application will not delete the record.

To return to your eAquaPro User Account Associated Site list without saving any uncommitted changes, click the [Back to Site List](#) hyper link.

3.2. Batch Import Sites

Project > Site Management > Batch Import Sites

Batch Import Sites

Use the **Browse** button to select the file containing the Sites you wish to import to the ADEQ database, and click **Upload**.
 Use the **Filter** button to retrieve the list of previously uploaded files matching the entered search criteria.
 To view the content of an uploaded file, click on the **View Uploaded File** icon. To view a list of error or warning messages of records that has not been successfully imported, click on the **View/Edit File** icon next to the uploaded file.
 To delete a file, click on the **Delete** icon.

Latest Simplified Sites Batch Upload Template file: AZWQDB_SimplifiedSitesUpload.xls (3/30/2017 6:04:10 PM)
 Groundwater Data Import Guidance document: Site (4/5/2017 5:46:12 PM)

Select File to Upload

Please make sure the name of sheet with data is named [DATA].

* File Type: * File Name:

Upload Temp File(s)

File Name: Upload Date: ~

☒ Valid ☒ Error ☒ Warning ☒ Exception ☒ Imported

1 - 15 of 26 item(s)

Delete	Edit	ID	File Name	File Type	Records	Uploaded By	Uploaded On	Status	View
		53	AZWQDB_SimplifiedSitesUpload_test_new.xls	Site	1	admin	3/31/2017 6:42:38 PM		
		52	Chamber Chieftain Test UAT Wells z-template_wells_v3.1_should_work.txt	Well	9	admin	3/31/2017 6:11:52 PM		
		50	AZWQDB_SimplifiedSitesUpload_test3.xls	Site	1	admin	3/30/2017 5:38:14 PM		

Figure 2-12: Batch Import Sites

This page will show all the files that are attached or uploaded to the batch import sites. The

Browse... Button will allow the user to browse and select the file that needs to be uploaded. The **Upload** button will upload the file selected by the user and display on the list below. The **Filter** button will filter and display the record based on the filter criteria checked.

There are two types of import files that can be used: Excel imports for Surface Water sites and .txt files for Groundwater Sites. At the top of the page there is Excel import template that the user can fill out if the user does not already have an import file available. Below that there is a pdf **Site** guide that provides instructions for generating the Groundwater import file.

The icon will pop up message confirming the delete and if “yes” is selected, application will delete the record. If “cancel” is selected, application will not delete the record. The icon will allow the record to be modified by the user. The view icon will open the file selected by the user in excel spreadsheet (for Surface Water site uploads) or as a text file (for Groundwater uploads).

3.2.1. Batch Import Sites – Edit

[Back to Batch Import Sites List](#)
Upload Temp Files List: [03/20/2017] AZWQDB_SimplifiedSitesUpload_test43.xls [Load](#)

Chamber Chieftain Test UAT Wells z-template_wells_v3.1_should_work.txt

Use the Filter button to retrieve the list of Lab QC Result matching the entered search criteria for the selected Data Set. Click on the **View/Edit** icon to view or edit the Lab QC Result Information. On the pop-up window that appears, enter any changes to the Lab QC Result Information and click **Save** to record the changes. To delete a Lab QC Result, click on the **Delete** icon next to the Result to be removed. To add a new Lab QC Result, click on the **New Result** button. Enter the Lab QC Result information from the pop-up window and click **Save**.

Uploaded Temp Sites List

Site ID:
 Import:

☒ Valid
 ☒ Error
 ☒ Warning
 ☒ Exception
 ☒ Imported

1 - 9 of 9 item(s)

Import?	ID	Waterbody Name	Short Desc.	Latitude	Longitude	HUC	State	County	Site Type	Elevation Coordinate Method	Status	Message
<input checked="" type="checkbox"/>	587	UAT_Chambers Chieftain 1		33.190619444444444444444444444444	- 109.429646166666666666666666666667							
<input type="checkbox"/>	588	UAT_Chambers Chieftain 2		33.190605555555555555555555555555	- 109.430062833333333333333333333334							
<input type="checkbox"/>	589	UAT_Chambers Chieftain 3		33.190633333333333333333333333333	- 109.430479500000000000000000000000							

Figure 2-13: Edit Batch Import Sites

This page will be populated after the user has selected to edit a particular row in the Batch Import Sites lists. The user can select the check box for the rows the user would like to import. The

Load button will load all the information for which the search criteria are selected by the user from the drop down field. The **Filter** button will filter and display the record based on the filter criteria checked. The file **AZWQDB_SimplifiedSitesUpload.xls (3/30/2017 6:04:10 PM)** on top of the page will allow the user to open the Latest Site Data Upload Template file in excel format. The **Import** button will import all the data which has been selected by the user.

To return to your eAquaPro User Account Batch Import Site list without saving any uncommitted changes, click the [Back to Batch Import Sites List](#) hyper link.

4. Projects – Project Management

4.1. Manage Projects

4.1.1 Manage Projects – General Information Tab

Project > Project Management > Manage Projects

Business Process: Program Area: ADEQ General Groundwater Sampling (GroundWater) Project: 2015-ADEQ General Groundwater Sampling

General Information | Project Routes | Test Plans | Attachment

Use the Quick Search toolbar above to retrieve a Project's details by selecting the Program Area and Project, and clicking on the Load button.
To modify a Project's details, click on Save Project Info after entering the desired changes.
To go to the main Search Project screen, click on the Search button.
Click on New Project to create a new Project.
* Denotes a Required field.

Project Details

* Project Name: 2015-ADEQ General Groundwater Sampling * Program Area: ADEQ General Groundwater Sampling (GroundWater) * Status: Active

* Project Manager: Unknown (690) * Start Date: 01/01/2015 * End Date: 12/31/2015 ☐ Omit from WQX Submissions:

Project Focus:

Project Purpose: ADEQ General Groundwater Sampling Project Description:

* Collection Type: ☐ Algae ☐ Fish Tissue ☐ Habitat ☐ Macro ☐ Other ☐ Sediment ☐ Sludge ☐ Soil and Soil Gas ☒ Water

Field Data QC Sampling Frequencies




Duplicates: MS/MSD: Field Blanks: Equipment Blanks:

Project Members

* Member Name	* Project Role	* Start Date	End Date
---------------	----------------	--------------	----------

Figure 2-14: Manage Projects – General Information Tab

This page will display all information in the General Information tab depending on the drop down values selected/entered in the Search Criteria. The **Load** button will load all the information on the all the tabs for the search criteria entered. The **Search** button will navigate the user to a “Search for Project” page. The **New Project** button will leave the current page and direct the user to Create New Project page with General Information tab enabled and asterisk(*) marked as required fields and other tabs disabled until New Project information is saved, depending on the security profile of the user. Only when the security profile allows creating a new project will the application allow the user to do so. Otherwise, read-only access will be granted by the application. (If New Project Information is created and saved, then other tabs are enabled. Otherwise application will disable all other tabs if new project is created but not saved). An entry with a blank value on required fields will results in an error message being displayed saying on top of the page, mentioning that the required fields must be filled.

By clicking on the  icon under the project members, the application will add a new record to the project members list. This list defines the users that can modify project and sample related data and how. The  icon under the project members will pop up message confirming the deletion of the record. If “yes” is selected, application will delete the record. If “cancel” is selected, application will not delete the record. The  button will save information entered in the General Information tab with all required field information.

Note: If a new project is created and after the General information data is saved, the page will refresh with the Project Routes tab, Test Plans tab and Attachment tab enabled.

4.1.2. Manage Projects – Project Routes Tab

Project > Project Management > Manage Projects

Business Process:

Program Area:

ADEQ General Groundwater Sampling (GroundWater)

Project:

2015-ADEQ General Groundwater Sampling

Load

Search

New Project

General Information





Project Routes

Test Plans

Attachment

Use this page to create Route Plans that can later be used when scheduling trips under the selected Project. Click on the **Add** icon in the Project Sample Route Plans table to create a new Route Plan for the selected project. To delete a Route Plan, click on the **Remove** icon next to the Route Plan Name. Click on the **View/Edit Sample Route Plan** icon to view or edit a Route Plan's details.

Project Sample Route Plans


		* Route Plan Name	Start Date	End Date	Routes #
		Route 1	04/10/2017		1
		Route 2	04/10/2017		3

Save Routes




Copy Route Plan

Figure 2-15: Manage Projects – Project Routes Tab

The **Load** button will load all the information to all the tabs for the program area and project entered. The **Search** button will navigate the user to a “Search for Project” page. The **New Project** button will leave the current page and direct the user to Create New Project page with General Information tab enabled and asterisk(*) marked as required fields and other tabs disabled until New Project information is saved, depending on the security profile of the user. Only when the security profile allows creating a new project will the application allow the user to do so. Otherwise, read-only access will be granted by the application. (If New Project Information is created and saved, then other tabs are enabled. Otherwise application will disable all other tabs if new project is created but not saved). An entry with a blank value on required fields will result in an error message being displayed saying on top of the page, mentioning that the required fields must be filled.

The Project Routes tab page will allow creating Route Plans that can later be used when scheduling trips under the selected Project. This page displays all the Project sample route plans. A new route can also be added by clicking the  icon under Project Sample Route plans (If New Project Information is Saved

then Project Routes tab is enable. Otherwise application will disable the tab if the new project is created but not saved).

The  sign under the project sample route plans will add a new record to the project sample route plan. The  icon will pop up message confirming the delete. If “yes” is selected, application will delete the record; if “cancel” is selected, application will not delete the record. The icon  will re-direct the application to a different page where the user may create the record or change the data that already exists in the system. The **Save Routes** button will save the information entered in the Project route tab with all required field information. If the required fields are not entered, system will display error message saying the required field information needs to be entered before data can be saved on top of the tab page. The **Copy Route Plan** button will pop a new window named 'Create a New Route Plan from the existing Route Plan' enabling the user to copy an existing route plan. By clicking “OK” button, the new route plan will be created. If the “cancel” button in the Create New Route Plan page is selected, then the application will not copy the route plan.

4.1.3. Manage Projects – Project Routes Tab - Project Sample Route Plan Detail

Project > Project Management > Manage Projects

Business Process: Program Area: ADEQ General Groundwater Sampling (GroundWater) Project: 2015-ADEQ General Groundwater Sampling

General Information **Project Routes** Test Plans Attachment

Route Plan:

Current Route Plan: (04/10/2017) Route 1

Use this page to edit a Sample Route Plan. Click on the **Add** icon next to Route List to add a new Route to the Sample Route Plan, and enter the Route Details.
For the selected Route, click on the **Add** icon in the Route Site List table to add a Site to the Route. Click on the **Remove** icon to delete a Site from the Selected Route.
To delete a Route from the Sample Route Plan, click on the **Remove** icon located next to the Route name in the Route List.
Click **Save Route** to record any changes made on this page. Click **Back to Route Plans** to return to the Project Sample Route Plans List.

Project Sample Route Plan Detail

Route List

Route Detail

Route Basic Information

* Route Name: Route Code:






Route Site List


<input type="button" value="Add"/>	Order	Site	Short Name	Site ID	Site Recon
<input type="button" value="Remove"/>	<input type="text" value="1"/>	100205	WEST CLEAR CREEK - AT MAXWELL TRAIL	VRWCL036.37	<input type="button" value="Recon"/>

Figure 2-16: Project Sample Route Plan Detail

The project route detail displays the project sample route plan detail for the route selected in the project plan tab. The page will display data depending on the program area and project drop down value selected from the search criteria bar.

The button will load all the information on the all the tabs for the search criteria entered. The button will navigate the user to a “Search for Project” page. The button will leave the current page and direct the user to Create New Project page with General Information tab enabled and asterisk(*) marked as required fields and other tabs disabled until New Project information is saved, depending on the security profile of the user. Only when the security profile allows creating a new project will the application allow the user to do so. Otherwise, read-only access will be granted by the application. (If New Project Information is created and saved, then other tabs are enabled. Otherwise application will disable all other tabs if new project is created but not saved). An entry with a blank value on required fields will results in an error message being displayed saying on top of the page, mentioning that the required fields must be filled.

Clicking on the  icon in the Route List left-handed panel will add a new Route to the Sample Route Plan, and will enable the fields under the Route Detail panel. The icon  sign next to a Route Name under the Route List panel will pop up message saying “Are you sure you want to delete?” If “OK” button is clicked, application will delete the record; if “Cancel” button is clicked the system will not delete the record. Clicking on the icon  under Route Site List in the Route Detail panel the application will pop up the Site Search screen for user to search and select sites to be added. A New record will be added to the Route Site List for each selected site. The icon  is next to any record under the Route Site List in the Route Detail panel. When the icon is clicked, the message “Are you sure you want to delete?” will pop up. If the user clicks OK, application will delete the record; if user clicks “Cancel”, system will not keep the record. The  button under the Route Detail panel will save the information entered in the Route Detail panel. If the required fields are not entered, application will display error message saying the required field information need to be entered before data can be saved.

By Clicking on “View Site Recon Report”  in the row selected, under Route Site List in the Route Detail panel, the application will open a site recon report in pdf format.

To return to your eAquaPro Route Plans list without saving any uncommitted changes, click on the

 hyper link.

4.1.5. Manage Projects – Test Plan Tab

Business Process: Program Area: ADEQ General Groundwater Sampling (GroundWater) Project: 2015-ADEQ General Groundwater Sampling

General Information Project Routes **Test Plans** Attachment

Use this page to add, edit, or remove a Test Plan for the selected Project.
Please note, a Test Plan can be viewed on this tab for any Project that belongs to this program area, and so changes you make here may affect other Projects.
Test plans may be used when creating Analysis Data Sets to quickly associate Lab Test Protocols; you may associate all Lab Test Protocols under the entire Test Plan, or you may choose specific Parameter Groups.

Test Plans

		* Test Plan Name	Project	Group #
		E. Coli	2015-ADEQ General Groundwater Sampling	1
		Metals	2015-ADEQ General Groundwater Sampling	1

Figure 2-18: Manage Projects – Test Plan Tab

The project plan tab page will allow adding or removing a Test Plan for the selected Project. . This page displays all the test plans if they were already entered into the system. Alternatively, a new test plan can be created by clicking the plus sign under the test plans (If New Project Information is Saved, then Test Plans tab is enable. Otherwise, application will disable the tab if the new project is created but not saved). The page will display data depending on the program area and project drop down value selected from the search criteria bar.

The button will retrieve and load information on all the tabs for the search criteria entered. The button will navigate the user to a “Search for Project” page. The button will leave the current page and direct the user to Create New Project page with General Information tab enabled and asterisk(*) marked as required fields and other tabs disabled until New Project information is saved, depending on the security profile of the user. Only when the security profile allows creating a new project will the application allow the user to do so. Otherwise, read-only access will be granted by the application. (If New Project Information is created and saved, then other tabs are enabled. Otherwise application will disable all other tabs if new project is created but not saved).

The icon under test plans will add a new record to the Test Plans. The icon under test plans will pop up message confirming the delete and if yes is selected, application will delete the record. If cancel is selected, application will not delete the record. The icon under Test plans will re-direct to the test plan detail page which will allow the user to change or edit the data which already exists in the system. The button saves the information entered in the Test Plan tab with all required

field information. If the required fields are not entered, application will display error message saying the fields are required, before data can be saved.

The **Copy Test Plan** button will pop a new window named 'Create a New Test Plan from the existing Test Plan' allowing the user to copy an existing test plan, and by clicking OK button, the new test plan will be created. If the cancel button in the “Create a New Test Plan from the existing Test Plan” page is selected, then the application will not copy the test plan.

4.1.6. Manage Projects – Test Plan Tab - Test Plan Detail

General InformationProject RoutesTest PlansAttachment

Back to Test Plans

Test Plan: MetalsLoad

Current Test Plan: Current Test Plan: Metals

Use this page to edit a Test Plan.
Click on the Add icon next to Test Plan Group List to add a new Test Plan Group to the Test Plan, and enter the Test Plan Group Details.
For the selected Test Plan Group, click on the Add icon in the Protocol List table to add a Protocol to the Test Plan Group. From the pop-up window that appears, use the Protocol Search to retrieve Protocols matching the search criteria, select the Protocol(s) you wish to add to the Test Plan Group, and click OK.
Click on the Remove icon to delete a Protocol from the selected Test Plan Group.
To delete a Test Plan Group from the Test Plan, click on the Remove icon located next to the Test Plan Group name in the Test Plan Group List.
Click Save Test Plan to save any changes made to the page.
To select a different Test Plan, use the Test Plan dropdown located on the right and click on the Load button. Click on Back to Test Plans to return to the previous page.

Save Successful.

Test Plan Detail

Test Plan Group ListMetals 1

Test Plan Group Detail

Test Plan Basic Information

Group Name:Metals 1

Parameter Type:METALS

Protocol List

	Protocol
✖	CADMIUM (Method: EPA 1631, Unit: MG/KG WW, Storet: , Medium: Fish Tissue, T/D: TOTAL)
✖	COPPER (Method: EPA 1638, Unit: MG/KG WW, Storet: , Medium: Fish Tissue, T/D: TOTAL)
✖	ALUMINUM (Method: EPA 6010B, Unit: MG/KG, Storet: 01108, Medium: Sediment, T/D:)
✖	ANTIMONY (Method: EPA 6010B, Unit: , Storet: 01098, Medium: Sediment, T/D: CALCULATED)
✖	ANTIMONY (Method: EPA 6010B, Unit: UNKNOWN, Storet: 01098, Medium: Sediment, T/D:)

Save Test Plan

Figure 2-19: Test Plan Tab - Test Plan Detail



The Test Plan group detail will display the detail for the test plan selected. This page will retrieve and load information, corresponding to the Program area and project menus in the Search bar in the Test Plan Detail screen.



The **Load** button will retrieve and load information on all the tabs for the search criteria entered. The **Search** button will navigate the user to a “Search for Project” page. The **New Project** button will leave the current page and direct the user to Create New Project page with General Information tab enabled and asterisk(*) marked as required fields and other tabs disabled until New Project information is saved, depending on the security profile of the user. Only when the security profile allows creating a new project will the application allow the user to do so. Otherwise, read-only access will be granted by the application. (If New Project Information is created and saved, then other tabs are enabled. Otherwise application will disable all other tabs if new project is created but not saved).


The user can select Test Plan from drop down menu, and clicking on the **Load** button under the Test Plans tab will load information corresponding to the Test Plan selected, in the Test Plan Detail screen.


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The  icon in the Test Plan Group List on the left-handed panel will add a new Test Plan Group to the Test Plan, and will enable the fields under the Test Plan Group Detail panel. The  icon next to a Test Plan Group Name under the Test Plan Group List panel will delete a Test Plan Group from the Test Plan and will pop up message “Are you sure you want to delete?” If the user clicks “OK”, application will delete the record; if the user clicks “Cancel”, application will not delete the record.

For the selected Test Plan Group, when the user clicks on the  icon in the Protocol List table the user can add a Protocol to the Test Plan Group. From the pop-up window that appears, use the Protocol Search to retrieve Protocols matching the search criteria, select the Protocol(s) you wish to add to the Test Plan Group, and click OK. The  icon under the protocol list will allow the user to delete a Protocol from the selected Test Plan Group and the application will and will pop up message “Are you sure you want to delete?” If the user clicks “OK”, application will delete the record; if the user clicks “Cancel”, application will not delete the record.

The  button under the Test Plan Group Detail panel will save the information entered in the Test Plan Group Detail panel. If the required fields are not entered, application will display error message saying the required field information need to be entered before data can be saved.

The  hyper link will return the user to the main Test Plans screen under Test Plans tab.

4.1.7. Manage Projects – Test Plan Tab – Add Protocol list

Protocol Search

Sample Medium:

Parameter Type:

Substance Name:

Analytical Method:

Sub Method:

CAS Number :

T/D:

Search

☐ Check or Uncheck All

1 - 10 of 2034 item(s)

	Protocol	Sample Medium	Unit	Substance Name	Analytical Method	Sub Method	CAS Number	T/D	Storet Code	Speciation Name
<input type="checkbox"/>	CADMIUM (Method: EPA 1631, Unit: MG/KG WW, Storet: , Medium: Fish Tissue, T/D: TOTAL)	Fish Tissue	MG/KG WW	CADMIUM	EPA 1631	N/A	7440-43-9	TOTAL		
<input type="checkbox"/>	CADMIUM (Method: EPA 1638, Unit: MG/KG WW, Storet: , Medium: Fish Tissue, T/D: TOTAL)	Fish Tissue	MG/KG WW	CADMIUM	EPA 1638	N/A	7440-43-9	TOTAL		
<input type="checkbox"/>	COPPER (Method: EPA 1638, Unit: MG/KG WW, Storet: , Medium: Fish Tissue, T/D: TOTAL)	Fish Tissue	MG/KG WW	COPPER	EPA 1638	N/A	7440-50-8	TOTAL		
<input type="checkbox"/>	ALUMINUM (Method: EPA 6010B, Unit: MG/KG, Storet: 01108, Medium: Sediment, T/D: CALCULATED)	Sediment	MG/KG	ALUMINUM	EPA 6010B	N/A	7429-90-5	CALCULATED	01108	
<input type="checkbox"/>	ALUMINUM (Method: EPA 6010B, Unit: MG/KG, Storet: 01108, Medium: Sediment, T/D: TOTAL)	Sediment	MG/KG	ALUMINUM	EPA 6010B	N/A	7429-90-5	TOTAL	01108	

OK

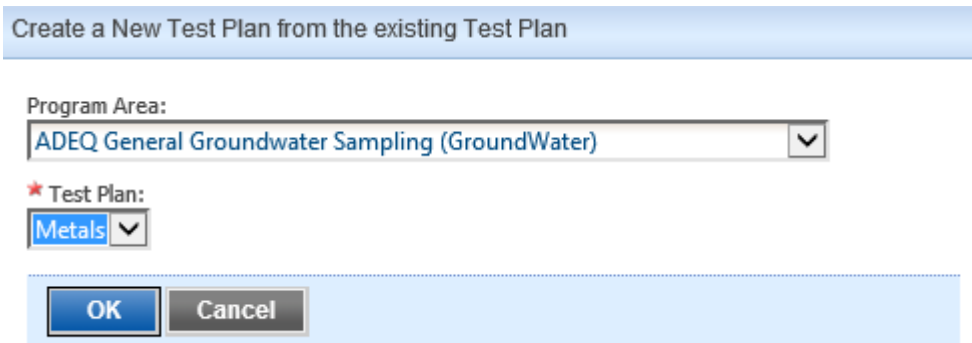
Cancel

Figure 2-20: Test Plan Tab – Add Protocol list

This page is populated when the user clicks on the plus icon under the protocol list in the test plan detail tab page. This page will allow the user can add a Protocol to the Test Plan Group.

The user can use the Protocol Search page to retrieve Protocols matching the search criteria, and the user can select the Protocol(s) they wish to add to the Test Plan Group, and click **OK** button. The **Cancel** button will cancel without saving any changes and will go back to the test plan detail tab.

4.1.8. Manage Projects – Test Plan tab – Copy test plan



Create a New Test Plan from the existing Test Plan

Program Area:
ADEQ General Groundwater Sampling (GroundWater) ▼

* Test Plan:
Metals ▼

OK Cancel

Figure 2-21: Test Plan tab – Copy test plan

This form will be populated when the user clicks on the copy test plan button in the test plan tab. It will allow the user to copy an existing test plan, and by clicking **OK** button, the new test plan will be created. If the **Cancel** button is selected, then the application will not copy the test plan and will close the form without saving any information.

4.1.10. Manage Projects – Attachment Tab

Project > Project Management > Manage Projects

Program Area: Project:

Use the **Browse** button to select a file from your local computer and click on the **Upload** button to upload the file to the system.
To view an Attachment, click on the **View** icon of the Uploaded Files table. To delete a file, click on the **Delete** icon. * Denotes a required field.

Upload File

* File:

File Description:

Uploaded Files


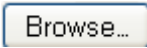



 No uploaded files.

Figure 2-22: Manage Projects – Attachment Tab

The Attachment tab will display the files that are attached to the existing project. This page will also retrieve and load information, corresponding to the Program area and project menus in the Search bar in the Attachment screen.

The button will retrieve and load information on all the tabs for the search criteria entered. The button will navigate the user to a “Search for Project” page. The button will leave the current page and direct the user to Create New Project page with General Information tab enabled and asterisk(*) marked as required fields and other tabs disabled until New Project information is saved, depending on the security profile of the user. Only when the security profile allows creating a new project will the application allow the user to do so. Otherwise, read-only access will be granted by the application. (If New Project Information is created and saved, then other tabs are enabled. Otherwise application will disable all other tabs if new project is created but not saved).

The  browse button will allow selecting the file that needs to be uploaded. The  button will upload the file. The  icon under the uploaded files in the attachment tab will allow the user to view the file that was uploaded. The  icon under the uploaded files within the Attachment tab will pop up message confirming the delete. If “yes” is selected, application will delete the record. If “cancel” is selected, application will not delete the record.

4.2. Schedule Trips

4.2.1. Schedule Trips – Search

Program Area: E Coli Project: 2008 Corvallis E. coli Media Validation Load Search

Schedule Trips

Use the Quick Search toolbar above to retrieve a list of Scheduled Trips associated with the selected Program Area and Project by clicking on the **Load** button. To view/edit a Scheduled Trip's details, click on the **View/Edit Trip** icon in the Edit column of the Trips of Selected Project table. Click on the **Delete** icon of the Scheduled Trip you wish to remove from the Project. Click on **New Trip** to schedule a new Trip under the Project. Click on **Auto-Generate Trips** to automatically generate Schedule Trips based on the Project's predefined Route Plan. To go to the main Search Schedule Trip screen, click on the **Search** button.

Trips of Selected Project

1 - 9 of 9 item(s)

Print	Delete	Edit	Team Name	Trip #	Trip Type	Start Date	Updated By	Updated Date
<input type="checkbox"/>			Media Validation	08ECW102	Sampling	04/28/2008	SSIS	8/5/2009 3:17:15 PM
<input type="checkbox"/>			New Route	09ECW001	Sampling	08/16/2009	admin	8/19/2009 6:46:55 PM
<input type="checkbox"/>			test	09ECW002	Recon	08/20/2009	admin	8/27/2009 5:21:44 PM
<input type="checkbox"/>			test	09ECW003	Sampling	08/27/2009	admin	8/28/2009 11:53:38 AM
<input type="checkbox"/>			111	09ECW005	Sampling	09/01/2009	admin	9/14/2009 11:42:28 AM
<input type="checkbox"/>			Miss. And Sal.	09ECW007	Sampling	09/14/2009	admin	9/15/2009 5:55:31 PM
<input type="checkbox"/>			Miss. And Sal.	09ECW008	Sampling	09/14/2009	admin	9/15/2009 5:56:28 PM
<input type="checkbox"/>			Miss. And Sal.	09ECW006	Sampling	09/15/2009	admin	9/15/2009 5:53:46 PM
<input type="checkbox"/>			Miss. And Sal.	09ECW009	Sampling	09/15/2009	admin	9/15/2009 11:02:37 PM


Auto-Generate Trips New Trip Print Reports of Trips


Figure 2-23: Schedule Trips – Search


This page will retrieve and load information, corresponding to the Program area and project menus in the Search bar in the Schedule trips screen. The **Load** button will retrieve and load information on the entire trip search screen for the search criteria entered. The **Search** button will require the user to enter the drop down values in the search criteria. If there is data for the search criteria entered, then system will "load" the information that match the search criteria and display values in the search result below.

The icon will allow the user to edit the trip information of a selected project. The icon will delete the Scheduled Trip you wish to remove from the Project and will pop up message confirming the delete. If "yes" is selected, application will delete the record. If "cancel" is selected, application will not delete the record. The **New Trip** button will open a pop-up window named "Add trip" with some required fields. After the required fields are entered and OK button is clicked, application will open a

new page with General Information tab and Team sampling sites tab enabled if the record is of “Sampling Trip” type. Otherwise if it is of “Recon Trip” type then the application will open the General Information tab and Recon tab (this depends on the trip type). If the required fields are not filled in, then application will display error message.

The  button will allow user to add a trip and will automatically generate Schedule Trips based on the Project's predefined Route Plan.

a. The  button in Auto Generate trip pop-up page will save the information for the trip added for Auto Generate trips with the required fields. If the required field information is not entered, then error message will be displayed mentioning that required field data must be entered before application can save.

b. The  button in Add trip pop-up will abort the data entered.

4.2.2. Schedule Trips – General Information Tab

Project > Project Management > Schedule Trips

[Back to Trip List](#) Trip: (03/01/2017) 17W001-56109 QRTW [Load](#)

2015-ADEQ General Groundwater Sampling Sampling Trip (03/01/2017) 17W001-56109 QRTW [Run QA Flagging Process](#) [Clear QA Flags](#)

[General Information](#) [Team's Sampling Sites](#) [All Trip Data](#) [Calibration Data](#) [Attachment](#)

Use this page to edit a Schedule Trip. To add a new Team Member to the Trip, click on the **Add** icon of the Selected Collection Team's Members table, and select the Team Member Name and Role. Click on the **Save Trip Info** icon to save any changes committed to this page.
To select another Trip, use the Trip dropdown located on the right and click **Load** to retrieve the Trip's information. Click on **Back to Trip List** to return to the previous page.


* Denotes a Required field.

Weekly Sample Collection Team

Trip Type: Sampling , Trip Number: 17W001-56109

* Week Start: 03/01/2017 Team Name: QRTW Description:

Selected Collection Team's Members

	* Team Member	* Role
	CONSULTANT (653)	Administrator

Calibration Verification Data Recorded Under Other Trip



Trip:

[Save Trip Info](#)


Figure 2-24: Schedule Trips – General Information Tab


This page will be populated when the user clicks on the edit icon for the selected record on the Schedule Trips search page.

The user can select Trip from drop down menu, and clicking on the [Load](#) button will retrieve and load information, corresponding to the Trip selected, in the Schedule Trip screen. An entry with a blank value in the required field results in an error message being displayed that the required fields cannot be blank.

The  icon under selected collection team members will insert an empty row to enter team member and role information. The  icon under selected collection team members will pop up message confirming the delete. If “yes” is selected, application will delete the record. If “cancel” is selected, application will not delete the record. The [Save Trip Info](#) button will save the information entered in this tab with asterisk (*) as required fields. If the required fields are not entered then the application will display error message.

The [Run QA Flagging Process](#) will pop up message “Are you sure you want to run QA Flagging Process?” If user clicks ‘OK’, system will run QA Flagging Process on the file. If user clicks ‘Cancel’, no action is taken.

The  will pop up message “Are you sure you want to clear QA Flags?” If the user clicks ‘OK’, system will clear QA flags for the file. If user clicks ‘Cancel’, no action is taken.

The  hyper link will return the user back to the eAquaPro Schedule trips page.

4.2.3. Schedule Trips – Team Recon Sites Tab

Project > Project Management > Schedule Trips






[Back to Trip List](#) Trip: (02/15/2009) 08SPW206 [Load](#)

1998 E. coli, (02/15/2009) 08SPW206, Recon Trip

[General Information](#) [Team's Recon Sites](#)

Fill out the Trip Reconnaissance Site Online Entry Form.
The following actions can be performed on this page:
* Denotes a required field.

Selected Collection Team's Recon Sites




	Rank	Site	Short Desc	Status	Reconnaissance
	<input type="text" value="2"/>	WAW040-0054	N by NE from Wainwright	Draft	
	<input type="text" value="3"/>	UMK050-0023	Field Tile Drainage Combi	Draft	
	<input type="text"/>	WWU120-0076		Draft	
	<input type="text"/>	WEU040-0006		Draft	


[Save Recon Sites](#)

Figure 2-25: Schedule Trips – Team Recon Sites Tab

This page will be populated when the user clicks on the edit icon of the “recon trip” type for the selected record on the Schedule Trips search page.

The user can select Trip from drop down menu and clicking on the [Load](#) (**Load** button) will retrieve and load information, corresponding to the Trip selected, in the Schedule trip screen. An entry with a blank value in the required field results in an error message being displayed that the required fields cannot be blank.

The  icon will add a new record of Recon Site to the trip to the selected collection teams recon sites and will open the Site Search page, allowing the user to search the records based on the site criteria entered or selected. And user can select the site records and by clicking the OK button, the application will add the sites selected by the user to the Selected Collection Team's Recon Sites. The  recon icon will open the Reconnaissance data entry page where the user can edit the data. The  icon will pop up message confirming the delete. If “yes” is selected, application will delete the record; if “cancel” is selected, application will not delete the record. The [Save Recon Sites](#) button will save data entered in this page marked with asterisk (*) as required field. If the required fields are not entered, then application will display error message.

The  hyper link will return the user back to the eAquaPro Schedule trips page.

4.2.4. Schedule Trips – Team Recon Sites Tab – Edit Reconnaissance data

Reconnaissance Data Entry

SITE RECONNAISSANCE FORM

★ SITE NAME:	★ SITE ID:	DATE:
POTRERO CREEK - ABOVE MEADOW HILL DEVELOPMEN	SCPOT006.33	04/10/2017
Waterbody ID:		
AZ (15050301) 500A		
★ Waterbody NAME:		
POTRERO CREEK - POT - S - SC - SC - 15050301 (S SC)		
★ TEAM LEADER:	TEAM MEMBERS 1:	
CONSULTANT (653)		
TEAM MEMBERS 2:	TEAM MEMBERS 3:	
TEAM MEMBERS 4:		

SITE PERMISSION

★ LAND OWNER:

☐ Forest Service ☐ BLM ☐ Land Owner - Other ☒ Land Owner - Private ☐ State

★ Fill in Private Owner Information:

test

★ PRIVATE OWNER FIRST NAME: ★ PRIVATE OWNER LAST NAME:

John Smith

★ PRIVATE OWNER PHONE: Ext.:

(555) 1234567

★ STREET ADDRESS 1:

1 Main St.

STREET ADDRESS 2:

★ CITY: ★ STATE: ★ ZIP CODE:

Phoenix Arizona 12345

WAS ACCESS GRANTED BY PRIVATE OWNER? Yes for all quarters; do not contact again

COPY OF RESULTS? Yes

SITE LOCATION

★ LATITUDE (DD):	★ LONGITUDE:
31.37930560	-110.97708330

TYPE:

Target

SUB-TYPE:

Sampleable

Results and Comments

Comments:

Comments

OFFICE FOLLOWUP

SITE SAMPLEABLE?

Yes

FIELD VERIFIED?

Yes

Save Recon

Close

Figure 2-26: Team Recon Sites Tab – Edit Reconnaissance data

This page is populated when the user clicks on the edit icon in the Team recon sites tab on the selected row. An entry with a blank on required fields results in error message being displayed that required fields are missing and needs to be filled in. The **Save Recon** button will save data entered in this page marked with asterisk (*) as required field. If the required fields are not entered, then application will display error message and application will close the page. The **Close** button will close the page without saving.

4.2.5. Schedule Trips – Team Recon Sites Tab – Add /Edit Selected Collection Teams Recon Sites

The screenshot shows a web form titled "Site Search" with a light blue header. Below the header, a instruction reads: "Please use ',' to separate each DEQ # and Site ID". The form contains several input fields: "DEQ #:" (text input), "Station ID:" (text input), "Site Type:" (dropdown menu), "County:" (dropdown menu), "Watershed:" (dropdown menu), "HUC Code: ?" (text input), "Stream Name:" (text input), "Latitude Range:" (text input with a tilde separator), "Longitude Range:" (text input with a tilde separator), and "Project:" (dropdown menu). A blue "Search" button is located to the right of the Project dropdown. At the bottom of the form, there are two buttons: a blue "OK" button and a grey "Close" button.

Figure 2-27: Team Recon Sites Tab - Add /Edit Selected Collection Teams Recon Sites

This page will be opened when the user will click on the plus icon under the selected collection team's recon sites in the Team Recon sites tab. This Site search page allows the user to search the sites based on the site criteria entered or selected, and the user can select the site records and by clicking the

OK button, the application will add the sites selected by the user to the Selected Collection Team's

Recon Sites in the Team recon sites tab. If the **Close** button is selected, then the application will close the page without saving any information.

4.2.6. Schedule Trips – Team Sampling Sites Tab

Project > Project Management > Schedule Trips

[Back to Trip List](#) Trip: (02/26/2015) -9434_2015-ADEQ 2015-ADEQ General Groundwater Sampling [Load](#)

[2015-ADEQ General Groundwater Sampling](#) [Sampling Trip](#) [\(02/26/2015\) -9434_2015-ADEQ 2015-ADEQ General Groundwater Sampling](#) [Run QA Flagging Process](#) [Clear QA Flags](#)

[General Information](#) [Team's Sampling Sites](#) [All Trip Data](#) [Calibration Data](#) [Attachment](#)

Use this page to add or remove a Scheduled Trip's Sampling Sites.
To add a Sampling Site, click on the **Add** icon of the Scheduled Sites table. From the pop-up window that appears, use the Site Search to retrieve Sites matching the search criteria, select the Site(s) you wish to add to the Trip, and click OK.
To delete a Sampling Site, click on the **Delete** icon of the Sampling Site to be removed. Click on the **Save Sampling Trips** button to save any changes committed to this page.
To reassign uncollected samples, click on the **Reassignment** button, and select the samples to be collected under the current trip.
To select another Trip, use the Trip dropdown located on the right and click **Load** to retrieve the Trip's information. Click on **Back to Trip List** to return to the previous page.

Scheduled Sites

Sample #	Rank	Site	Short Desc	F Site	Collection Type	Sample Purpose	Duplicate of Sample No	Recon
GW-144449		79869	ADEQ MW-9	55-917832	<input type="checkbox"/> Algae <input type="checkbox"/> Fish Tissue <input type="checkbox"/> Habitat <input type="checkbox"/> Macro <input type="checkbox"/> Other <input type="checkbox"/> Sediment <input type="checkbox"/> Sludge <input type="checkbox"/> Soil <input type="checkbox"/> Soil <input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> Water	REGULAR		
GW-144450		79861	ADEQ MW-1	55-586790	<input type="checkbox"/> Algae <input type="checkbox"/> Fish Tissue <input type="checkbox"/> Habitat <input type="checkbox"/> Macro <input type="checkbox"/> Other <input type="checkbox"/> Sediment <input type="checkbox"/> Sludge <input type="checkbox"/> Soil <input type="checkbox"/> Soil <input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> Water	REGULAR		
GW-144451		79862	ADEQ MW-2	55-586791	<input type="checkbox"/> Algae <input type="checkbox"/> Fish Tissue <input type="checkbox"/> Habitat <input type="checkbox"/> Macro <input type="checkbox"/> Other <input type="checkbox"/> Sediment <input type="checkbox"/> Sludge <input type="checkbox"/> Soil <input type="checkbox"/> Soil <input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> Water	REGULAR		

[Save Sampling Trips](#) [Reassignment](#) [Generate QA/QC](#)

Figure 2-28: Schedule Trips - Team Sampling Sites Tab

This page will be populated when the user will clicks on the edit icon for the selected record of the sampling trip type on the Schedule trips search page


The user can select Trip from drop down menu and clicking on the [Load](#) button will retrieve and load information, corresponding to the Trip selected, in the Schedule trips screen. The will add a new record to the end of the record under scheduled sites. The will pop up message confirming the delete and if yes is selected, application will delete the record. If cancel is selected, application will not delete the record.

The icon under schedule sites will add a new Site to the Scheduled Sites table and will open the Site Search page allowing the user to search the records based on the site criteria entered or selected and user can select the site records. By clicking the OK button, the application will add the sites selected by the user to the Schedule Sites. The site icon will open the Site Search page where the user can edit the data.

The [Save Sampling Trips](#) button will save data entered in this page marked with asterisk (*) as required field. If the required fields are not entered, then application will display error message. The user can reassign uncollected samples, by clicking on the [Reassignment](#) button, and select the samples that

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need to be reassigned to the current trip from other trips. The **Generate QA/QC** will automatically generate duplicate samples and/or MS/MSD for the samples under the current trip.

The  hyper link will return the user to the main Schedule trips page.

4.2.7. Schedule Trips – Team Sampling Sites Tab – Add /Edit Schedule Sites

Site Search

Please use ", " to separate each DEQ # and Site ID

DEQ #:

Station ID:

Site Type:

County:

Watershed:

HUC Code: ?

Stream Name:

Latitude Range:

Longitude Range:




Project:

Search

OK

Close

Figure 2-29: Team Sampling Sites Tab - Add /Edit Schedule Sites

This page will be opened when the user will click on the  icon under the schedule sites in the Team Sampling sites tab. This Site search page allows the user to search the sites based on the site criteria entered or selected and user can select the site records. By clicking the  button, the application will add the sites selected by the user to the Selected Collection Team's Recon Sites in the Team recon sites tab. If the  button is selected, then the application will close the page without saving any information.

4.3. Upload Sample/Result Data

4.3.1. Upload Sample/Result Data – Search

Project > Sample Data Management > Upload Sample Data

Sample Data Upload

Use this page to Upload Sample or Result Data for a Project to the ADEQ database.
 Use the **Browse** button to select the file to be imported from your local computer, and click **Upload Data**.
 Use the **Filter** button to retrieve the list of previously uploaded files matching the entered search criteria. You can choose to **View** or **Edit** a file by clicking on the icon located under each respective column, or choose to generate the Data Upload Error Report by clicking on the **View Error Report** icon.
 To delete a file, click on the **Delete** icon.

Latest Samples/Results Upload Template file: AZWQDB_DataUploadTemplate_SamplesResults.xls (11/14/2016 3:59:21 PM)
 Latest Lake Data Upload Template file: AZWQDB_DataUploadTemplate_Lakes.xls (12/23/2015 10:30:23 AM)
 Groundwater Data Import Guidance document: Sample (4/5/2017 5:44:35 PM)

Select Upload File

File Extension: ☒ .edi ☐ .xls ☐ .txt
 * File Type: File Name:

Uploaded File List

File Name: File Ext.: File Type:
 Laboratory: Upload Date: ~
☒ Valid ☒ Fatal ☒ Error ☒ Warning ☒ Imported to Live

1 - 13 of 13 item(s)




Delete	Edit	ID	File Name	Type	Records	Lab	Dataset	Excel Project Name	Excel Trip Name	Uploaded By	Uploaded On	Uploaded File Status	View	Error Report	Credible Level Report	Gen EDI	Import to Live
		21	test_case.xlsx	SW Chem	23	TAX	17W56110-56110-2381	2015-ADEQ General Groundwater Sampling	04/04/2017 17W56110-56110 test	admin	4/5/2017 5:50:19 PM						
		20	Batch6291_LAKE122716_test.xlsx	SW Chem	45		17W56110-56110	2015-ADEQ General Groundwater Sampling	04/04/2017 17W56110-56110 test	admin	4/5/2017 5:49:48 PM						


Figure 2-30: Upload Sample/Result Data – Search

This Upload Sample/Result Data page will display all uploaded files by default when the user clicks on the left side of the navigation bar. This page will upload Sample or Result Data for a Project to the eAquaPro database.

The button will allow user to browse and select the file which needs to be uploaded. The button will validate the file which is selected and uploaded by the user. The File Extension and File Type must be entered for upload to occur. If not selected, an error message will be displayed by the application. The button will retrieve the list of previously uploaded files matching the entered search criteria.

The icon will allow the user to create or change data. The icon will pop up message confirming the delete and if “yes” is selected, application will delete the record. If “cancel” is selected, application will not delete the record. The AZWQDB_DataUploadTemplate_SamplesResults.xls (11/14/2016 3:59:21 PM) on the top of the page will allow the user to view the latest data upload template file in excel format.

The  **view icon** will allow to user to view original uploaded file. The import icon  will allow the data that is valid to be imported to the “Live” tables. (When you first click “upload”, the data only stays in staging tables) The  'View error report icon' will generate the data Upload Error Report.

The  hyper link will return the user to the main Upload Sample / Result Data list page.

4.3.2. Upload Sample/Result Data – General Information Tab

Project > Sample Data Management > Upload Sample Data

[Back to Upload List](#) Analysis Data Set: 17W56110-56110, TEST AMERICA LABORATORY - PHOENIX [Load](#)

[test_case.xlsx](#) [Validate Current File](#) [Run QA Flagging](#) [Clear QA Flags](#)

[General Information](#) [Lab Chem](#) [Lab QC Results](#) [Lab QC Narrative](#)

Use this page to Upload Sample or Result Data for a Project to the ADEQ database.
Use the [Browse](#) button to select the file to be imported from your local computer, and click [Upload Data](#).
Use the [Filter](#) button to retrieve the list of previously uploaded files matching the entered search criteria. You can choose to [View](#) or [Edit](#) a file by clicking on the icon located under each respective column, or choose to generate the Data Upload Error Report by clicking on the [View Error Report](#) icon.
To delete a file, click on the [Delete](#) icon.

Analysis Data Set Header

Sample Medium Type: [Water](#), DataSet Number: 17W56110-56110, Status: [Edit](#)

Lab Information

* Lab: Lab Job #:

Sent to Lab Date/Time: / : Received by Lab Date/Time: / :

Received from Lab Date/Time: / : Date Report Prepared by Lab:

Lab QC Date: QA/QC Review Document Name:

[Save Data Set](#)

Figure 2-31: Upload Sample/Result Data – General Information Tab

This page is used to load sample or result data from eAquaPro database.

Each File could have multiple data sets. The user can select the Analysis Data Set in the drop down and by clicking the [Load](#) button the application will display the corresponding data. An entry with a blank value in the required field results in error displayed by the system that required field marked with asterisk (*) is missing. The [Save Data Set](#) button will save all the data entered in this page. If the required field data is missing, then an error message will be displayed on top of the page and will not save until the required field values have been entered.

The [Back to Upload List](#) hyper link will return the user to the main Upload Sample / Result Data list page.

4.3.3. Upload Sample/Result Data – Fish preps tab

Project > Sample Data Management > Upload Sample Data

[Back to Upload List](#) Analysis Data Set: 08FTF012, 408534, Pace Analytical - Minneapolis Lab [Load](#)

[Pace-MN\(032409\)-newformat.edi](#) [Validate File Pace-MN\(032409\)-newformat.edi](#) [Run QA Flagging Process](#)

[General Information](#) [Fish Prep](#) [Lab QC Results](#) [Lab QC Narrative](#)

Use this page to view or edit Fish Prep Set Results.
Click on the **Edit** icon to view the Result Details. Click **Save** to record any changes made on this page.

Fish Prep Result

Lab Sample No: ☒ Valid ☒ Error ☒ Edit [Filter](#)

1 - 15 of 94 item(s)






Edit	Lab Sample No	Lab Internal No	Substance	Result	Result Unit	Lab Report Limit	Limit Unit	MDL	MDL Unit	Lab Dilution Multiplier	QA Flags	Lab QA Flags	QA Memo	Sample Depth	Status	Error Message
	AA53616-199-01	4012026009	BDE 208 (Method: 1614, Medium: Fish Tissue, T/D: T)	-1	ug/Kg ww	0.02	ug/Kg ww			5		AU<				
	AA53616-199-01	4012026009	BDE 207 (Method: 1614, Medium: Fish Tissue, T/D: T)	-1	ug/Kg ww	0.02	ug/Kg ww			5		AU<				

Figure 2-32: Upload Sample/Result Data – Fish preps tab

The [Filter](#) button filters and displays the records based on the filter criteria checked. The  icon will populate the 'Result Detail' page which will allow the user to edit the data that already exists in the system.

The [Back to Upload List](#) hyper link will return the user to the main Upload Sample / Result Data list page.

4.3.4. Upload Sample/Result Data – Edit Fish preps tab

Result Detail

Result Set Information

Lab Internal No: 4012026009

Substance:

BDE 208

★ Protocol:

BDE 208 (Method: 1614, Media: Fish Tissue, T/D: T)

★ Result:

-1

★ Units: [ug/Kg ww]

ug/Kg ww

Lab Report Limit:

0.02

Limit Units: [ug/Kg ww]

ug/Kg ww

MDL:

MDL Units: []

Lab Dilution Multiplier:

5

QA Flags:

Lab QA Flags:

AU<

Sample Depth:

QA Memo:

Run - Batch #:

U90225A_07

Run - Date/ Time:

02/25/2009

/

18

:

07

Prep - Batch #:

7938

Prep - Date/ Time:

02/17/2009

/

14

:

30

Cancel

Save

Figure 2-33: Upload Sample/Result Data – Edit Fish preps tab

This page will be populated when the user clicks on the edit icon in the fish prep tab page.

The **Save** button will save data entered in all the columns marked with asterisk (*) as required. If the required fields are not entered, then application will display error message on top of the page and will not save the data until the required field information is entered. The **Cancel** button will close the page without saving.

4.3.5. Upload Sample/Result Data – Lab QC Result tab

Project > Sample Data Management > Upload Sample Data

[Back to Upload List](#) Analysis Data Set: 09WGW084, DSE0628, Test America (Dayton) [Load](#)

DSE0628 FINAL IDEM_EDI 01 Jun 09 1622.edi [Validate File DSE0628 FINAL IDEM_EDI 01 Jun 09 1622.edi](#) [Run QA Flagging Process](#)

General Information Lab Chem **Lab QC Results** Lab QC Narrative

Use this page to Upload Sample or Result Data for a Project to the ATMS database.
 Use the **Browse** button to select the file to be imported from your local computer, and click **Upload Data**.
 Use the **Filter** button to retrieve the list of previously uploaded files matching the entered search criteria. You can choose to **View** or **Edit** a file by clicking on the icon located under each respective column, or choose to generate the Data Upload Error Report by clicking on the **View Error Report** icon.
 To delete a file, click on the **Delete** icon.

Lab QC Result

Substance:

Lab Internal No: QC Type: ☒ Valid ☒ Error ☒ Edit [Filter](#)

1 - 15 of 57 item(s)

Edit	Protocol	Lab Internal No	QC Type	QA Flags	Measured Value	Unit	Percent Recovery	Dup Measured Value	Dup Unit	Dup Percent Recovery	MRL	MRL Unit	MDL	MDL Unit	Dup MDL	Dup MDL Unit	Status	Error Message
	Chloride (Dissolved) (Method: 300.0, Medium: Water, T/D: D)	9050769-B51	LC		20.30	mg/L	101		mg/L		1	mg/L	0.03	mg/L			<input checked="" type="checkbox"/>	

Figure 2-34: Upload Sample/Result Data – Lab QC Result tab

Each File could have multiple data sets. You can select the Analysis Data Set in the drop down and the [Load](#) button is used to display the corresponding data. The [Filter](#) button will retrieve the list based on the search criteria selected. The icon will allow the user to edit the data that already exists in the system.

The [Back to Upload List](#) hyper link will return the user to the main Upload Sample / Result Data list page.

4.3.6. Upload Sample/Result Data – Edit Lab QC Result tab

The screenshot displays the 'Lab QC Result' form with the following fields and values:

- Lab QC Result Basic Information** (Section Header)
- Imported Substance CAS No: , Imported Analytical Method: ,
- Imported Sample Medium: , Imported CAS Qualifier:
- Substance: **CALCIUM** (dropdown menu)
- ★ Protocol: **CALCIUM (Method: EPA 215.1, Unit: MG/L, Storet: 00916, Medium: Water, T/D: TOTAL)** (dropdown menu)
- ★ QC Type: **BL** (dropdown menu)
- ★ Lab Internal No: **A-12345** (text input)
- Measured Value: **12** (text input)
- Units: **MG/L** (dropdown menu)
- QA Flags: (empty text input)
- Dilution Multiplier: (empty text input)
- Lab Batch #: (empty text input)
- Run Date/Time: (empty text input) / (dropdown menu) : (dropdown menu)
- Prep Batch #: (empty text input)
- Prep Date/Time: (empty text input) / (dropdown menu) : (dropdown menu)
- Lab MRL: **5** (text input)
- Units: **MG/L** (dropdown menu)
- MDL: **6** (text input)
- MDL Units: **MG/L** (dropdown menu)
- Save** (button)
- Cancel** (button)

Figure 2-35: Upload Sample/Result Data – Edit Lab QC Result tab

This page will be populated when the user clicks on the edit icon in the Lab QC result tab. The **Save** button will save all the data entered in this page with columns marked with asterisk (*) as required field. If the required field data is missing, then an error message will be displayed on top of the page and will not save until the required field values have been entered. The **Cancel** button will exit the page without saving any data.

4.3.7. Upload Sample/Result Data – Lab Chem Tab

[Back to Upload List](#)

Analysis Data Set: 17W56110-56110,, TEST AMERICA LABORATORY - PHOENIX

Load

test_case.xlsx

Validate Current FileRun QA FlaggingClear QA Flags

General Information

Lab Chem

Lab QC Results

Lab QC Narrative

Use this page to edit the Uploaded Sample/Result General Information.
Click on Save Dataset to save any changes made on this page.

Samples

To view all substances, [Click Here](#).

Sample Number:

☒Valid

☒Error


☒Warning


☒Edit

Filter

1 - 4 of 4 item(s)

Figure 2-36: Upload Sample/Result Data – Lab Chem Tab

Each File could have multiple data sets. The user can select the Analysis Data Set in the drop down and the **Load** button is used to display the corresponding data. This page will display the uploaded sample/result data information. The **Filter** button will retrieve the list based on the search criteria selected. The  icon will allow the user to edit the uploaded sample/result data information.

The  [Back to Upload List](#) hyper link will redirect the page to the original upload sample/result data page.

4.3.8. Upload Sample/Result Data – Lab Chem Tab Detail

← Back to Samples
Sample #: AB00020 Load

AB00020

Use this page to view or edit a Sample Lab Chem Results from the selected Analysis Set Sample List.
 Click on the Edit icon of the sample you wish to view the Lab Results.
 From the Lab Chem Result table, click on the Edit to view/edit the Lab Result details. Click **Save** to record the changes to the system.

Sample Header

Status: Edit
 Sample Depth: Sample Depth Unit: Medium Type:

Save

Lab Chem Result

Substance: Contain QA Flag:
 Protocol: Method:
 Lab Internal No: Lab Batch No:
☒ Valid
☒ Error
☒ Warning
☒ Edit
Filter

New Result


1 - 15 of 22 item(s)

Delete	Edit	Sample Number	Protocol	Lab Internal No	Lab Batch No	Result	Result Unit	Lab Report Limit	Limit Unit	MDL	MDL Unit	Lab Dilution Multiplier	QA Flags	Lab Notation	QA Memo	Status	Error Message
		AB00020	CALCIUM (Method: EPA 200.7, Unit: UG/L, Storet: 00916, Medium: Water, T/D: TOTAL)	550-75619-11		14	MG/L	2	MG/L							Edit	
		AB00020	COPPER (Method: EPA 200.7, Unit: UNKNOWN, Storet: 01042, Medium: Water, T/D: TOTAL)	550-75619-11		0.75	MG/L	0.01	MG/L							Edit	
		AB00020	IRON (Method: EPA 200.7, Unit: NG/L, Storet: 01045, Medium: Water, T/D: TOTAL)	550-75619-11		19	MG/L	0.10	MG/L							Edit	

Figure 2-37: Upload Sample/Result Data – Lab Chem Tab Detail

This page will display when the user clicks on the edit icon under the samples on the lab chem tab. This page will allow the user to view or edit the Lab Chem Results from the selected Sample Number. The icon will allow editing the data that already exists in the system.

The user can select the Sample Number from the drop down, and the Load button is used to display the corresponding data. The Filter button will retrieve the list based on the search criteria selected. The Save button will save all the data entered in this page. Columns with red asterisks (*) are required fields. If the required field data is missing, then an error message will be displayed on top of the page, and the application will not save the data in the page until the required field values have been entered.

The  hyper link will redirect the page to the original upload sample/result data page.

4.3.9. Upload Sample/Result Data – Edit Lab Chem Tab Detail

Result Detail

Lab Chemistry Result

Imported Substance CAS No: , Imported Analytical Method: ,
Imported Sample Medium: , Imported CAS Qualifier:
Lab Internal No: 550-75619-11x Sample #: AB00020
Substance:
ZINC
* Protocol:
ZINC (Method: EPA 200.7, Unit: MG/L, Storet: 01092, Medium: Water, T/D: TOTAL)
* Result: 0.13 * Units: MG/L Lab Report Limit: 0.05
Limit Units: MG/L
MDL: MDL Units: Lab Dilution Multiplier:
QA Flags: Lab Notation: Sample Depth: 0
QA Memo:
Lab Batch #: Run - Date/Time: / :
Prep - Batch #: Prep - Date/Time: / :
Comments:

Save

Cancel

Figure 2-38: Upload Sample/Result Data – Edit Lab Chem Tab Detail

This page will be populated when the user clicks the edit icon of the selected sample under lab chem detail tab. The **Save** button will save all the data entered in this page. Columns marked with asterisk

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(*) are required fields. If the required field data is missing, then an error message will be displayed on top of the page and will not save until the required field values have been entered. The **Cancel** button will exit the page without saving any data.

4.3.10. Upload Sample/Result Data – Lab QC Results Tab

Project > Sample Data Management > Upload Sample Data

[Back to Upload List](#) Analysis Data Set: 09WQW084, DSE0628, Test America (Dayton) **Load**

DSE0628 FINAL IDEM_EDI 01 Jun 09 1622.edi **Validate File DSE0628 FINAL IDEM_EDI 01 Jun 09 1622.edi** **Run QA Flagging Process**

General Information Lab Chem **Lab QC Results** Lab QC Narrative

Use this page to Upload Sample or Result Data for a Project to the ATMS database.
 Use the **Browse** button to select the file to be imported from your local computer, and click **Upload Data**.
 Use the **Filter** button to retrieve the list of previously uploaded files matching the entered search criteria. You can choose to **View** or **Edit** a file by clicking on the icon located under each respective column, or choose to generate the Data Upload Error Report by clicking on the **View Error Report** icon.
 To delete a file, click on the **Delete** icon.

Lab QC Result

Substance:

Lab Internal No: QC Type: ☒ Valid ☒ Error ☒ Edit **Filter**

1 - 15 of 57 item(s)

Edit	Protocol	Lab Internal No	QC Type	QA Flags	Measured Value	Unit	Percent Recovery	Dup Measured Value	Dup Unit	Dup Percent Recovery	MRL	MRL Unit	MDL	MDL Unit	Dup MDL	Dup MDL Unit	Status	Error Message
	Chloride (Dissolved) (Method: 300.0, Medium: Water, T/D: D)	9050769-B51	LC		20.30	mg/L	101		mg/L		1	mg/L	0.03	mg/L				

Figure 2-38: Upload Sample/Result Data – Lab QC Results Tab

Each File could have multiple data sets. The user can select the Analysis Data Set in the drop down, and the **Load** button is used to display the corresponding data. This page is used to load Sample or Result Data for a Project from eAquaPro database.

The **Filter** button will retrieve the list based on the search criteria selected. The icon will populate the lab QC result detail information page which will allow the user to edit the lab QC result data information.

The [Back to Upload List](#) hyper link will redirect the page to the original upload sample/result data page.

4.3.11. Upload Sample/Result Data – Edit Lab QC Results Tab

Lab QC Result

Lab QC Result Basic Information

Imported Substance CAS No: , Imported Analytical Method: ,
Imported Sample Medium: , Imported CAS Qualifier:

Substance:
CALCIUM

* Protocol:
CALCIUM (Method: EPA 215.1, Unit: MG/L, Storet: 00916, Medium: Water, T/D: TOTAL)

* QC Type: * Lab Internal No:
BL A-12345

Measured Value: 12 Units: MG/L QA Flags:

Dilution Multiplier:

Lab Batch #: Run Date/Time: / :
Prep Batch #: Prep Date/Time: / :

Lab MRL: 5 Units: MG/L MDL: 6
MDL Units: MG/L

Save Cancel

Figure 2-39: Upload Sample/Result Data – Edit Lab QC Results Tab

This page is populated when the user clicks on the edit icon in the lab QC result tab page.

The **Save** button will save all the data entered in this page. Columns marked with asterisk (*) are required fields. If the required field data is missing, then an error message will be displayed on top of the page and will not save until the required field values have been entered. The **Cancel** button will exit the page without saving any data.

4.3.12. Upload Sample/Result Data – Lab QC Narrative Tab

Project > Sample Data Management > Upload Sample Data

[Back to Upload List](#) Analysis Data Set: 09WQW084, DSE0628, TestAmerica (Dayton) [Load](#)

[DSE0628 FINAL IDEM_EDI 01 Jun 09 1622.edi](#) [Validate File DSE0628 FINAL IDEM_EDI 01 Jun 09 1622.edi](#) [Run QA Flagging Process](#)

[General Information](#) [Lab Chem](#) [Lab QC Results](#) [Lab QC Narrative](#)

Use the **Filter** button to retrieve the list of Lab QC Narrative Result matching the entered search criteria for the selected Data Set.
Click on the **View/Edit** icon to view or edit the Lab QC Narrative Result Information. On the pop-up window that appears, enter any changes to the Lab QC Narrative Result Information and click **Save** to record the changes.
To delete a Lab QC Narrative Result, click on the **Delete** icon next to the Narrative Result to be removed. To add a new Lab QC Narrative Result, click on the **New Result** button. Enter the Lab QC Narrative Result information from the pop-up window and click **Save**.

Lab QC Result

Substance:

Lab Internal No: QC Type: ☒ Valid ☒ Error ☒ Edit [Filter](#)

1 - 15 of 22 item(s)
















Edit	Protocol	Lab Internal No	QC Type	Status	Error Message
	Zinc (Total) (Method: 200.8, Medium: Water, T/D: T)	9050780-BLK1	BL		
	Nickel (Total) (Method: 200.8, Medium: Water, T/D: T)	DSE0628-01	BL		
	Nickel (Total) (Method: 200.8, Medium: Water, T/D: T)	DSE0628-02	DS		
	Nickel (Total) (Method: 200.8, Medium: Water, T/D: T)	DSE0628-03	DS		
	Zinc (Total) (Method: 200.8, Medium: Water, T/D: T)	DSE0628-03	BL		
	Nickel (Total) (Method: 200.8, Medium: Water, T/D: T)	DSE0628-04	DS		
	Nickel (Total) (Method: 200.8, Medium: Water, T/D: T)	DSE0628-05	DS		

Figure 2-40: Upload Sample/Result Data – Lab QC Narrative Tab

Each File could have multiple data sets. The user can select the Analysis Data Set in the drop down, and the [Load](#) button is used to display the corresponding data. This page is used to load Sample or Result Data for a Project from eAquaPro database.

The [Filter](#) button will retrieve the list of Lab QC Narrative Result matching the entered search criteria for the selected Data Set. The  icon will populate the lab QC narrative result detail information page which will allow the user to edit the lab QC result information.

The [Back to Upload List](#) hyper link will redirect the page to the original upload sample/result data page.

4.3.13. Upload Sample/Result Data – Edit Lab QC Narrative Tab

Lab QC Narrative Result

Lab QC Narrative Result Basic Information

Imported Substance CAS No: , Imported Analytical Method: ,
Imported Sample Medium: , Imported CAS Qualifier:

Substance:
CARBON DIOXIDE

* Protocol:
CARBON DIOXIDE (Method: HISTORICAL DATA, Unit: UG/L, Storet: 77000, Medium: Water, T/D: TOTAL)

* QC Type: * Lab Internal No:
BL 55-LA1234514

PrepNum: Prep Method: BatchNum:
100009 100008 11

Narratives

	Narrative
+	This analyte was reported as ND based on the "total" result of ND. No additional analysis was performed.

Save Cancel

Figure 2-41: Upload Sample/Result Data – Edit Lab QC Narrative Tab

This page is populated when the user clicks on the edit icon under the lab QC result list. The **Save** button will save all the data entered in this page. Columns marked with asterisk (*) are required fields. If the required field data is missing, then an error message will be displayed on top of the page and the application will not save the data until the required field values have been entered. The **Cancel** button will exit the page without saving any data.

4.4. Sample/Result Data Entry

4.4.1. Sample/Result Data Entry – Search

Projects > Project Management > Sample/Result Data Entry

Business Process: Program Area: Project:

Trip:

Sample Data List

Use the Quick Search toolbar above to retrieve a Scheduled Trip's Sample Data List by selecting the Program Area, Project Name and Trip Name, and clicking on the Load button.
To enter Sample/Result Data, click on the Edit icon next to the selected Sample.
To go to the main Search Sample/Result Data screen, click on the Search button.


Sampling Trip Result


1 - 4 of 4 item(s)


Delete	Edit	Sample Number	Site ID	Sample Purpose	Sample Type	Sample Medium Name	Sample Collected Date Time	Crew Chief	Updated By	Updated Date
		AB00016	80491	REGULAR	GRAB	Water	7/19/2015 10:31:00 AM	Tiffany Yee	TMP_TO_STAGING	4/5/2017 12:53:31 PM
		AB00017	100000	REGULAR	AUTOMATED	Water	11/30/2016 4:00:00 PM	KYLE PALMER	TMP_TO_STAGING	4/5/2017 5:52:07 PM
		AB00018	100000	REGULAR	AUTOMATED	Water	11/30/2016 4:00:00 AM	KYLE PALMER	TMP_TO_STAGING	4/5/2017 5:52:07 PM
		AB00019	100000	REGULAR	GRAB	Water	11/30/2016 10:15:00 AM	KYLE PALMER	TMP_TO_STAGING	4/5/2017 5:52:07 PM


Figure 2-42: Sample/Result Data Entry – Search

The quick search tool bar above the list is used to retrieve a schedule trips sample data list by selecting the program area, project name and trip name.

The  button will load the entire sample data list for the drop down list selected by the user. The

 button will redirect the user to “Search for Sample/Result” page.

The  icon will allow the user to change the data or edit the data already existing in the application.

The  icon will pop up message confirming the delete and if “yes” is selected, application will delete the record. If “cancel” is selected, application will not delete the record.

4.4.2. Sample/Result Data Entry – Header Tab

Projects > Project Management > Sample/Result Data Entry

[Back to Sample List](#) Trip: (02/26/2015) -9434_2015-ADEQ 2015-ADEQ General Groundwater Sampling Sample #: GW-144449 [Load](#)

2015-ADEQ General Groundwater Sampling 79869 (79869) GW-144449, 2/26/2015 Quick Find by Sample #: [Find](#)

[Header](#) [Lab Chem](#) [Field Chem](#) [Calibration](#) [Preserve](#) [Att](#) [Attachment](#)

Fill out the Sample Header Online Entry Form.
Click **Save** to record any changes made to this page. Use the 'Quick Find by Sample #' or the 'Sample #' dropdown located on the right to select another Sample. Click on **Back to Sample List** to return to the previous page.

* Denotes a Required field.

Sample Header

Sample Medium: Water

* Sample Number: Sample Name:

Header Detail Info

* Sample Purpose: Sample Type: Crew Chief:

Sample Collector 1: Sample Collector 2: Sample Collector 3: Sample Collector 4:

* Sample Collected Date/Time: / : Multi-probe Meter Type/Number:

Sample Taken?: Water Flow Type: Water Appearance:

Notes:

Collection Equipment: Collection Method: Bottom Depth:

Reporting Agency: Collecting Agency:

Confidential: Flag:

Belong to Lab Data Set(s)

MIG_DTS1163 Lab: ENVIRONMENTAL SCIENCE CORPORATION
 MIG_DTS2188 Lab: ENVIRONMENTAL SCIENCE CORPORATION

[Save](#)

Figure 2-43: Sample/Result Data Entry – Header Tab

The [Load](#) button will load the entire data list based on the item in drop down list selected by the user. The user can use the 'Quick Find by Sample #' or the 'Sample #' drop down located on the right to select another Sample. The [Find](#) button will find if there is a suitable match for the find criteria entered. An entry with blank value in the required fields will display an error message by the system, mentioning that required fields value is missing on top of the page. The [Save](#) button will save the data entered together with the required field information. If the required field values are not entered, then application will display an error message for required field values marked with asterisk (*) to be entered.

The [Back to Sample List](#) hyper link will take the user back to the Sample/ Result data entry list page.

4.4.3. Sample/Result Data Entry – Lab Chem Tab

Projects > Project Management > Sample/Result Data Entry

[Back to Sample List](#)
 Trip: (02/26/2015) -9434_2015-ADEQ 2015-ADEQ General Groundwater Sampling
 Sample #: GW-144449
 [Load](#)

2015-ADEQ General Groundwater Sampling
 79869 (79869)
 GW-144449, 2/26/2015
 Quick Find by Sample #:

[Find](#)

[Header](#)
[Lab Chem](#)
[Field Chem](#)
[Calibration](#)
[Preserve](#)
[Att](#)
[Attachment](#)

Activity Status: Unknown

From this page, you can see Lab Chemistry Results. Click on the **Edit** icon to make changes to the Lab Chemistry Results. Click on the **New Result** button to add a new sample result record to the system.

Lab Chemistry Results

Substance:

Protocol: Method:

Lab Internal No: Lab Batch No: Lab Code: [Filter](#)

1 - 15 of 93 item(s)

Delete	Edit	Protocol	Lab Internal No	Result	Result Unit	Lookup Result	Lab Report Limit	Lab Code	Limit Unit	MDL	MDL Unit	Lab Dilution Multiplier	QA Flags	Lab Notation	QA Memo	Sample Depth	Comments	Updated By	Updated Date
		ANTHRACENE (Method: EPA 8270 SIM, Unit: MG/L, Store: 34220, Medium: Water, T/D: TOTAL)	L751044-06		MG/L		0.0001	ESC	MG/L	0.0001	75	1		ND				SV1	5/8/2015 8:07:07 AM
		BENZ(A)ANTHRACENE (Method: EPA 8270 SIM, Unit: MG/L, Store: 34526, Medium: Water, T/D: TOTAL)	L751044-06		MG/L		0.0001	ESC	MG/L	0.0001	75	1		ND				SV1	5/8/2015 8:07:07 AM

Test Plan: ☐

[New Result](#)
[Pre-populate Substance](#)


[Submit](#)

Figure 2-44: Sample/Result Data Entry – Lab Chem Tab

This page lists all the lab chemistry results.

The [Load](#) button will load the entire data list based on the item in drop down list selected by the user. The user can use the 'Quick Find by Sample #' or the 'Sample #' drop down located on the right to select another Sample. The [Find](#) button will find if there is a suitable match for the find criteria entered.

The icon will pop up the lab chemistry detail page which will allow the user to change or edit the data that already exists in the application. The [New Result](#) button will pop up a new lab Result detail page which will allow the user to enter a new record in the system. The icon will pop up message confirming the delete. If yes is selected, application will delete the record. If cancel is selected, application will not delete the record. The [Submit](#) button will pop up message confirming the status change. If yes is selected, application will set data status to “submitted”. If cancel is selected, application will not change the status of the record.



The  hyper link will take the user back to the Sample/ Result data entry list page.


4.4.4. Sample/Result Data Entry – Edit Lab Chem Window

Result Detail			
Lab Chemistry Result			
Please Note: Please fill out either Result or Lookup Result.			
Lab Internal No: L751044-06			
Substance: ANTHRACENE			
* Protocol: ANTHRACENE (Method: EPA 8270 SIM, Unit: MG/L, Storet: 34220, Medium: Water, T/D: TOTAL)			
Result:	Lookup Result:	Units:	Credible Level:
		MG/L	Unknown
Lab Report Limit:	Limit Units:	MDL:	
0.0001	MG/L	0.0001	
MDL Units: MG/L			
QA Flags: + x	Lab Notation: ND	Lab Dilution Multiplier: 1	
QA Memo:			
Lab Batch #: Run - Date/Time: 03/02/2015 / 00 : 00			
Prep - Batch #: Prep - Date/Time: / :			
Comments:			
Reporting Lab: ENVIRONMENTAL SCIENCE CORPORATION			
ADEQ TR No.:		Confidential:	
Save	Save as New	Cancel	

Figure 2-45: Sample/Result Data Entry – Edit Lab Chem Window

This page is displayed when the user is creating a new chemistry result or editing an existing one. An entry with a blank value in required fields results in error displayed on top of the page by the system that required field marked with asterisk (*) is missing. The **Save** button will save the data entered in

the page. If the required field values are not entered, then application will display error message for required field values marked with asterisk (*****) to be entered. The  button will allow the user to save the record as a new record. The  button will exit the page without saving any data.

NOTE: Users can click the  button next to **QA Flags:** to search for QA Flags that can be added to the result record independent of the QA Flagging process.

4.4.5. Sample/Result Data Entry – Field Chem Tab

Projects > Project Management > Sample/Result Data Entry

Back to Sample List Trip: 02/26/2015 - 9434_2015-ADEQ 2015-ADEQ General Groundwater Sa

2015-ADEQ General Groundwater Sampling 79869 (79869) GW-144449, 2/26/2015

Header Lab Chem Field Chem Calibration Preserve Att Attachment

Activity Status: Unknown

Fill out the Field Chemistry Data Online Entry Form. Click Save to record any changes made to this page. Use the 'Quick Find by Sample #' or the 'Sample #' dropdown located on the right to select another Sample. Click on Back to Sample List to return to the previous page.

* Denotes a Required field.

Field Chemistry Results

1 - 2 of 2 Item(s)

Delete	Edit	Protocol	Result	Result Unit	Lookup Result	Field Date/Time	Result Limit	Limit Unit	MDL	MDL Unit	QA Flags	Sample Depth	Not
		CHROMIUM (Method: EPA 200.7, Unit: MG/L, Store: 01030, Medium: Water, T/D: DISSOLVED)	12	MG/L		02/26/2015 11:10					B, FB3, QA-NFL		
		EVENT CONDITION (Method: Observation, Unit: LOOKUP, Store: , Medium: Water, T/D: TOTAL)		LOOKUP	FLOW FROM USGS GAUGE/RECORDS OR 3RD PARTY	02/26/2015 11:10							

Test Plan:

New Result Pre-populate Substance Save

Submit

Figure 2-46: Sample/Result Data Entry – Field Chem Tab

This page lists all the field chemistry results.

The **Load** button will load the entire data list based on the item in drop down list selected by the user. The user can use the 'Quick Find by Sample #' or the 'Sample #' drop down located on the right to select another Sample. The **Find** button will find if there is a suitable match for the find criteria entered.

The icon will pop up the field chem detail page which will allow the user to change or edit the data that already exists in the application. The **New Result** button will pop up a new field chem Result detail page which will allow the user to enter a new record in the system. The icon will pop up message confirming the delete. If “yes” is selected, application will delete the record. If “cancel” is selected, application will not delete the record. The **Submit** button will pop up message confirming the status change. If yes is selected, application will set data status to “submitted”. If cancel is selected, application will not change the status of the record.

The [Back to Sample List](#) hyper link will take the user back to the Sample/ Result data entry list page.

4.4.6. Sample/Result Data Entry – Edit Field Chem Tab

Result Detail

Field Chemistry Result

Please Note: Please fill out either Result or Lookup Result.

Substance:
CHROMIUM

★ Protocol:
CHROMIUM (Method: EPA 200.7, Unit: MG/L, Storet: 01030, Medium: Water, T/D: DISSOLVED)

Result:
12

Lookup Result:
FLOW FROM USGS GAUGE/RECORDS OR 3RD PARTY

Unit:
MG/L

Credible Level:

Result Limit:

Limit Unit:

MDL:

MDL Units:

QA Flags: + ×
B, FB3, QA-NFL

Lab Notation: Field - Date/Time:
 / 11 : 10

Comments:

ADEQ TR No.:

Confidential:

Save

Save as New

Cancel

Figure 2-47: Sample/Result Data Entry – Edit Field Chem Tab

This page is displayed when the user is creating a new chemistry result or editing an existing field chemistry result record. An entry with a blank value in required fields results in error displayed by the system that required field marked with asterisk (*) is missing on top of the page. The **Save** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The **Save and Continue** button will allow the user to save the record as a new record and without exiting the page; the user can create another new record. The **Cancel** button will exit the page without saving any data.

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4.4.7. Sample/Result Data Entry – Macro Tab – Macro Tab – Header tab

Note: This Macro tab section is entirely preliminary. Macro results will be addressed in Release 2.

Projects > Project Management > Sample/Result Data Entry

[Back to Sample List](#) Trip: (07/24/2006) 06WQW270 Macro 1 Sample #: AA42152 [Load](#)

2006 Corvallis, AA42152, WWU150-0045 Quick Find by Sample #: [Find](#)

[Header](#) [Field Chem](#) [Macro](#) [Calibration](#) [Preserve](#) [Att](#)

Activity Status: Migrated

Fill out the Macroinvertebrates Online Entry Form.
The following actions can be performed on this page:
* Denotes a required field.

[Macro Header](#) [Macro Lab Count](#)

General Info

* Macro Number:

☒ Habitat Complete ☐ Sample Quality Rejected

Riparian Zone / Instream Features

Watershed Erosion: Watershed NPS Pollution:

Stream Depth Riffle: Stream Depth Run: Stream Depth Pool:

Distances Riffle-Riffle: Distances Bend-Bend:

Stream Width: High Water Mark: Velocity:

Stream Type: Turbidity (Est): Salinity: ORP:

☐ Channelization: ☐ Dam Present:

Predominant Surrounding Land Use: ☐ Forest ☐ Field/Pasture ☐ Agricultural ☒ Residential ☐ Commercial ☐ Industrial

Other:

Sediment Deposits: ☐ Sludge ☐ Sawdust ☐ Paper Fiber ☐ Sand ☐ Relic Shells

Other:

Sediment Oils:

☐ Are the undersides of stones, which are not deeply embedded, black?

Substrate Components

Inorganic Substrate Components (% Diameter)

Bedrock: Boulder (>10in): Cobble (2.5-10in): Gravel (0.1-2.5in): Sand (gritty): Silt: Clay (slick):

Organic Substrate Components (% Type)

Detritus (sticks, wood): Detritus (CPOM): Muck/Mud (black, fine FPOM): Marl (gray w/ shell fragments):

Water Quality

Water Odors: ☐ Normal ☐ Sewage ☐ Petroleum ☐ Chemical ☐ Anaerobic ☐ None

Other:

Water Surface Oils: ☐ Slick ☐ Sheen ☐ Glob ☐ Sand ☐ Flocks

Report

Macro Count Labels

Macro Header

Barb Strib (QHEI historical)

Habitat Assessment (QHEI historical)

[Save](#) [Submit](#)

This page will allow the user to enter all the invertebrate information

The **Load** button will load the entire data list based on the item in drop down list selected by the user. The user can use the 'Quick Find by Sample #' or the 'Sample #' drop down located on the right to select another Sample. The **Find** button will find if there is a suitable match for the find criteria entered.

The **Save** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required field values marked with asterisk (*) to be entered. The **Submit** button will pop up message confirming the status change. If yes is selected, application will set data status to “submitted”. If cancel is selected, application will not change the status of the record.



By clicking on _____, the application will open Macro Count Labels Report. By Clicking on




_____, the application will open Macro Header Report.



If report icon is available: then the user can click on _____ 'Barb Strib (QHEI historical)' and the application will launch the Barb Strib (QHEI historical) in PDF format. Compare launched Barb Strib Report with existing Barb Strib Labels Report and all _____ fields must match up.



If report icon is available: Click on _____ 'Habitat Assessment (QHEI historical)' Report and application will launch the Habitat Assessment report in PDF format. Compare launched Habitat Assessment Report with existing Habitat Assessment Report and all fields must match up.

The  hyper link will take the user back to the Sample/ Result data entry page.

4.4.8. Sample/Result Data Entry – Macro Tab- Macro Lab Count Tab

Note: This Macro tab section is entirely preliminary. Macro results will be addressed in Release 2.

Projects > Project Management > Sample/Result Data Entry

[Back to Sample List](#) Trip: (07/24/2006) 06WQW270 Macro 1 Sample #: AA42152 [Load](#)

2006 Corvallis, AA42152, WWU150-0045 Quick Find by Sample #: [Find](#)

[Header](#) [Field Chem](#) [Macro](#) [Calibration](#) [Preserve](#) [Att](#)

Activity Status: Migrated

Fill out the Macroinvertebrates Online Entry Form.
The following actions can be performed on this page:

* Denotes a required field.

[Macro Header](#) [Macro Lab Count](#)

Calculate mIBI Metric Score

Select Macro Count Header Record: 100-Organism (Lab Dup) [Load](#)

Number of Vials: QC Initials: Number of Containers: Macro Sample Type: ☐ Insufficient Count: Rejected

☐ SubSample Completed

Sorter: Sort Date: Number of Squares:

☐ Phase 1 Completed

Identifier: ID Date:

☐ Phase 2 Completed

Identifier: ID Date:

Taxon Count

*Taxon *Count Notes HBI Tolerance

Report


Macro Count Header mIBI

[Save](#)

Figure 2-49: Sample/Result Data Entry – Macro Tab- Macro Lab Count Tab

This page will allow the user to enter all the invertebrate information

The **Load** button will load the entire data list based on the item in drop down list selected by the user. The user can use the 'Quick Find by Sample #' or the 'Sample #' drop down located on the right to select another Sample. The **Find** button will find if there is a suitable match for the find criteria entered.

The **Save** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The  icon under Taxa count will pop up new page named 'Taxon Search' page which will allow the user to retrieve the list based on the search criteria entered and the user can select the respective records and by clicking the OK button, the application will add the selected records to the taxa list on the Macro lab count page.



By Clicking on **Macro Count** 'Macro Count Header' Report the application will launch the Macro header report in pdf format. Compare launched Macro Count Header Report with existing Macro Count Header Report and all fields must match up.



By Clicking on **mIBI** 'mIBI' Report the application will launch the Macro header report in pdf format.

4.4.10. Sample/Result Data Entry – Prep Set Tab – Basic Information Tab

Projects > Project Management > Sample/Result Data Entry

[Back to Sample List](#) Trip: (07/07/2014) -2282_2015-AMBI 2015-AMBIENT MONITORING Sample #: VRBAR-A&09/24/2014---0 [Load](#)

2015-AMBIENT MONITORING 100009 (VRBAR-A) VRBAR-A&09/24/2014---0, 9/24/2014 Quick Find by Sample #: [Find](#)

[Header](#) [Fish Tissue](#) [Alt](#) [Attachment](#)

Fill out the Fish Prep. Set Online Entry Form.
Click Save to record any changes made to this page. Use the 'Quick Find by Sample #' or the 'Sample #' dropdown located on the right to select another Sample. Click on [Back to Sample List](#) to return to the previous page.
* Denotes a Required field.


Prep. Set List	Prep. Set Detail
<div>233-148-1</div> <div>233-148-2</div> <div>233-148-3</div> <div>233-148-4</div> <div>233-148-5</div> <div>233-148-6</div>	<p>Activity Status: Unknown</p> <p>Basic Information Result Set Information</p> <p>Prep. Set Basic Information</p> <p>* Fish Lab Sample Number: 233-148-1</p> <p>* Species: <input checked="" type="radio"/> Species By ID <input type="radio"/> Species By Name 148 - Flathead Catfish (Pylodictis) (Pylodictis olivaris)</p> <p>* Fish Prep Type: <input type="text"/> Duplicate Prep Set: <input type="text"/> Packages Sent to Lab #: <input type="text"/></p> <p>Fish Count: <input type="text"/> Min Age (yrs): <input type="text"/> Max Age (yrs): <input type="text"/></p> <p>Total Weight (g): <input type="text"/> Min Weight (g): <input type="text"/> Max Weight (g): <input type="text"/> Mean Weight (g): <input type="text"/></p> <p>Min Length (mm): <input type="text"/> Max Length (mm): <input type="text"/> Mean Length (mm): <input type="text"/></p> <p>Notes: [233-----0]</p> <p>Outlier Comment: <input type="text"/></p> <p>Save Prep. Set Summarize Fish Submit</p>

Figure 2-55: Sample/Result Data Entry – Prep Set Tab – Basic Information Tab

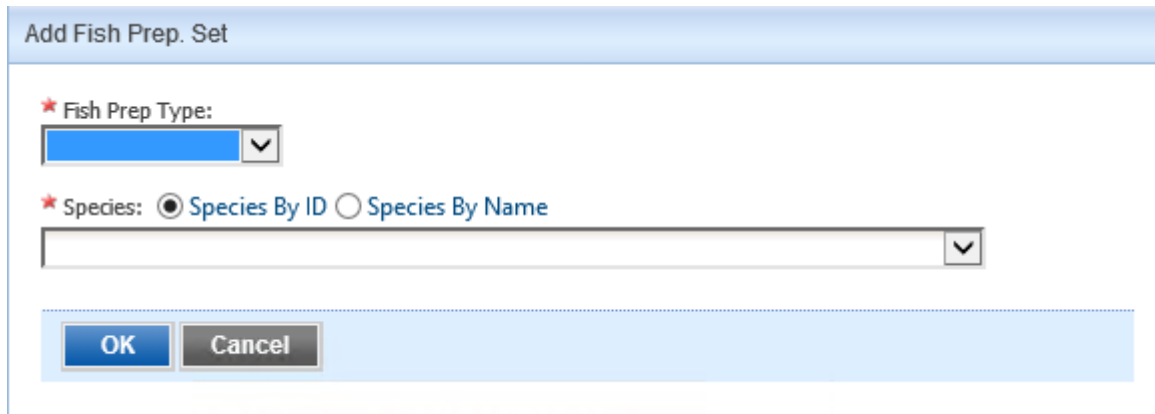
The [Load](#) button will load the entire data list based on the item in drop down list selected by the user. The user can use the 'Quick Find by Sample #' or the 'Sample #' drop down located on the right to select another Sample. The [Find](#) button will find if there is a suitable match for the find criteria entered.

The [Save Prep. Set](#) button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The icon under prep set list will pop up an Add Fish Prep Set Parameter Group page where the user can add a record and can enter detail in the prep set basic information on the right. The icon under prep set list will pop up message confirming the

delete and if yes is selected, application will delete the record. If cancel is selected, application will not delete the record.

The  hyper link will take the user back to the Sample/ Result data entry page.

4.4.12. Sample/Result Data Entry – Prep Set Tab – Add Prep Set List




Add Fish Prep. Set



★ Fish Prep Type:

★ Species: ☒ Species By ID ☐ Species By Name

OK Cancel

Figure 2-57: Sample/Result Data Entry – Prep Set Tab – Add Prep Set List

The page is opened when the user clicks on the  icon under Prep set list in the Prep set tab and a new record will be added.

The  button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required field fields marked with asterisk (*) to be entered. The  button will exit the page without saving any data.

4.4.13. Sample/Result Data Entry – Prep Set Tab – Result Information Tab

Back to Sample List Trip: 07/07/2014 -2282_2015-AMBI 2015-AMBIENT MONITORING Sample #: VRBAR-A&09/24/2014--0 Load

2015-AMBIENT MONITORING 100009 (VRBAR-A) VRBAR-A&09/24/2014--0, 9/24/2014 Quick Find by Sample #: Find

Header Fish Tissue Alt Attachment

Fill out the Fish Prep. Set Online Entry Form.
Click Save to record any changes made to this page. Use the 'Quick Find by Sample #' or the 'Sample #' dropdown located on the right to select another Sample. Click on Back to Sample List to return to the previous page.
* Denotes a Required field.

Prep. Set List Prep. Set Detail

233-148-1
233-148-2
233-148-3
233-148-4
233-148-5
233-148-6

Activity Status: Unknown

Basic Information Result Set Information

Result Set Information

Substance: Protocol: Methods: Lab Internal No: Lab Batch No: Filter

1 - 1 of 1 item(s)

Delete	Edit	Protocol	Lab Internal No	Result	Result Unit	Lookup Result	Lab Report Limit	Limit Unit	MDL	MDL Unit	Lab Dilution Multiplier	QA Flags	Lab Notation	QA Memo	Sample Depth	Comments	Updated By	Updated Date
		MERCURY (Method: EPA 7473, Unit: MG/KG WW, Storet, Medium: Fish Tissue, TD: TOTAL)		0.76			0.0270	MG/KG WW									WI#50041	3/31/2017 12:14:50 AM

New Result



Save Prep. Set Summarize Fish Submit


Figure 2-58: Sample/Result Data Entry – Prep Set Tab – Result Information Tab

The **Load** button will load the entire data list based on the item in drop down list selected by the user. The user can use the 'Quick Find by Sample #' or the 'Sample #' drop down located on the right to select another Sample. The **Find** button will find if there is a suitable match for the find criteria entered.

The **Save Prep. Set** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required field values marked with asterisk (*) to be entered. The **Submit** button will pop up message "Are you sure you want to submit?" If the user clicks on the OK button, the application will submit the data; if the cancel button is selected, then the application will not change the status of the record. The

The **New Result** button will pop up the 'Result set detail' page which will allow the user to add a new record. The icon will open the 'Result set detail' page which will allow the user to add a new record. The icon under result set information, will pop up message confirming the delete. If yes is selected, application will delete the record; if cancel is selected, application will not delete the record.

The  icon under prep set list will open the 'Add fish prep set' page which will allow the user can add a record. The  icon under prep set list will pop up message confirming the delete. If yes is selected, application will delete the record. If cancel is selected, application will not delete the record. If the user selects on each of the record under prep set list, then the application will load the respective data on the General Information tab and Result set tab for the record selected.

The  hyper link will take the user back to the Sample/ Result data entry page.

4.4.14. Sample/Result Data Entry – Prep Set Tab – Result Information Tab – Add/Edit Result Set Information Window

Result Set Detail

Result Set Information

Lab Internal No:

Substance:

* Protocol:

* Result: Lookup Result: * Units:

Credible Level:

Lab Report Limit: Limit Units: MDL:

MDL Units:

QA Flags: Lab Notation: Sample Depth: Lab Dilution Multiplier:


QA Memo:




Lab Batch #: Run - Date/Time: / :

Prep - Batch #: Prep - Date/Time: / :

Comments:

Figure 2-59: Result Information Tab – Add/Edit Result Set Information Window

The page is opened when the user clicks on the  icon under Prep set list in the Prep set tab and a new record will be added.

The  button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The  button will exit the page without saving any data. The  button will save the record as a new record and the user can create another new record without exiting or closing the page.

4.4.15 Sample/Result Data Entry – Att tab

Projects > Project Management > Sample/Result Data Entry

[Back to Sample List](#) Trip: (07/08/2009) 09ECW006 team 1 Sample #:

2008 Corvallis E. coli Media Validation WEU040-0006 Quick Find by Sample #:

Header QHEI Att

Fill out the Extra Sample Attributes Online Entry Form.
Click **Save** to record any changes made to this page. Use the 'Quick Find by Sample #' or the 'Sample #' dropdown located on the right to select another Sample. Click on **Back to Sample List** to return to the previous page.
* Denotes a Required field.

Result

	* Attribute Name	* Attribute Value	Notes
	<input type="text"/>	<input type="text"/>	

Figure 2-60: Sample/Result Data Entry – Att tab

The button will load the entire data list based on the item in drop down list selected by the user. The user can use the 'Quick Find by Sample #' or the 'Sample #' drop down located on the right to select another Sample. The button will find if there is a suitable match for the find criteria entered.

The icon under result will allow the user to add a record. The icon under result list will pop up message confirming the delete. If yes is selected, application will delete the record. If cancel is selected, application will not delete the record. The button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered.

The [Back to Sample List](#) hyper link will take the user back to the Sample/ Result data entry page

The **Load** button will load the entire data list based on the item in drop down list selected by the user. The user can use the 'Quick Find by Sample #' or the 'Sample #' drop down located on the right to select another Sample. The **Find** button will find if there is a suitable match for the find criteria entered.

The **Save** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The **Calculate** button under the substrate category will calculate and save data related to the substrate category. The **Calculate** button under the in stream cover category will calculate and save data related to the in stream cover category. The **Calculate** button under the channel morphology category will calculate and save data related to the channel morphology category. The **Calculate** button under the riparian zone and bank erosion category will calculate and save data related to the riparian zone and bank erosion category. The **Calculate** button under the pool/glide category will calculate and save data related to the pool/glide category. The **Calculate** button under the riffle/ run category will calculate and save data related to the riffle/ run category. The **Calculate** button under the gradient category will calculate and save data related to the gradient category. The **Calculate** button under the impacts miscellaneous category will calculate and save data related to the miscellaneous category.



By clicking on **QHEI - IDEM** button the application will launch the IDEM Qualitative Habitat Evaluation Index report. Compare launched QHEI – IDEM Report with existing QHEI - IDEM Report and all fields must match up.

The [!\[\]\(cbe80b694ebd74fcfe136a095b608235_img.jpg\) Back to Sample List](#) hyper link will take the user back to the Sample/ Result data entry page.



4.4.17 Sample/Result Data Entry – Calibration Tab

The screenshot shows the 'Sample/Result Data Entry' page with the 'Calibration' tab selected. At the top, there is a breadcrumb trail 'Projects > Project Management > Sample/Result Data Entry' and a 'Back to Sample List' link. A 'Trip' dropdown is set to '(03/01/2009) 09ECW001 21', and a 'Sample #' dropdown is set to 'DI30524' with a 'Load' button next to it. Below this, a sample identifier '1998 E. coli, DI30524' is displayed, along with a 'Quick Find by Sample #' search bar and a 'Find' button. A navigation bar contains tabs for 'Header', 'Lab Chem', 'Field Chem', 'Fish', 'Prep. Set', 'QHEI', 'Calibration' (active), 'Preserve', and 'Att'. A yellow informational box states: 'Fill out the Calibration Verification Online Entry Form. The following actions can be performed on this page: * Denotes a required field.' Below this, the 'Calibration Verification' section contains a 'Calibration Detail' form. This form has several fields marked with an asterisk (*) to indicate they are required: 'Calibration Date/ Time' (set to 03/27/2009), 'Calibrator' (dropdown), 'Field Measurement' (dropdown), 'Calibration Meter#' (text input), 'Calibration Value' (text input), 'Calibration Unit' (dropdown), 'Multi-probe Type' (text input), 'Hydrolab Reading' (text input), and 'Hydrolab Unit' (dropdown). There are also icons for adding a new record (a plus sign) and deleting a record (a red X). At the bottom of the form is a 'Save' button.

Figure 2-62: Sample/Result Data Entry – Calibration Tab

The **Load** button will load the entire data list based on the item in drop down list selected by the user. The user can use the 'Quick Find by Sample #' or the 'Sample #' drop down located on the right to select another Sample. The **Find** button will find if there is a suitable match for the find criteria entered.

The **Save** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered on top of the page.

The  icon under calibration verification will allow the user can add a record. The  icon under field calibrations will pop up message confirming the delete. If yes is selected, application will delete the record. If cancel is selected, application will not delete the record.

The [Back to Sample List](#) hyper link will take the user back to the Sample/ Result data entry page.

4.4.18. Sample/Result Data Entry – Preserve Tab

Projects > Project Management > Sample/Result Data Entry

[Back to Sample List](#) Trip: (03/01/2009) 09ECW001 21 Sample #: DI30524 [Load](#)

1998 E. coli, DI30524 Quick Find by Sample #: [Find](#)

Header Lab Chem Field Chem Fish Prep. Set QHEI Calibration **Preserve** Att

Fill out the Preservatives/Bottle Lots Online Entry Form.
The following actions can be performed on this page:
* Denotes a required field.

Preservatives/Bottle Lots

	* Group: Preservative	* Preservative Lot#	* Bottle Type	* Bottle Lot#	* Number of Bottles
	Ecoli:Ice	1	60P	2	3

[Save](#)

Figure 2-63: Sample/Result Data Entry – Preserve Tab

The [Load](#) button will load the entire data list based on the item in drop down list selected by the user. The user can use the 'Quick Find by Sample #' or the 'Sample #' drop down located on the right to select another Sample. The [Find](#) button will find if there is a suitable match for the find criteria entered.

The [Save](#) button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered on top of the page.

The icon under Preservatives/ bottle lots will allow the user can add a record. The icon under preservatives/ bottle lots will pop up message confirming the delete. If yes is selected, application will delete the record. If cancel is selected, application will not delete the record.

The [Back to Sample List](#) hyper link will take the user back to the Sample/ Result data entry page.

4.5. Lab Analysis Data Sets – Search

Project > Project Management > Analysis Data Sets

Business Process: Program Area: Project:

Analysis Data Set

From the Data Set list, click on a Data Set to view a list of all Samples that belong to it. Click on the Add Samples button to add one or more samples to the Data Set. From the pop-up window, select the Sample(s) you wish to add and click Add. To remove a Sample from a Data Set, click on the Remove icon located in the first column of the Samples table. You can also choose to add or remove an Analysis Data Set. To add a new Data Set, click on the Add icon next to "Data Set List", and fill in the necessary information from the pop-up window. Click OK to add the Data Set to the ADEQ database. To remove a Data Set, click on the Remove icon located on the right of the Data Set name. You must click Save to record any changes made to the system.

Data Sets of Selected Project

1 - 8 of 8 Item(s)

Delete	Edit	Data Set #	Data Set Type	Laboratory	Sent to Lab Date	Received by Lab Date	QA	Chain of Custody Report	Planned Lab Tests Report	Updated By	Updated Date
		MIG_DT51715	Water	AQUATIC CONSULTING AND TESTING, INC.						SSIS	3/31/2017 1:14:04 AM
		MIG_DT51977	Water	UNITED STATES GEOLOGICAL SURVEY						SSIS	3/31/2017 1:14:04 AM
		MIG_DT52253	Water	UNKNOWN						SM_OTHER_TO_WATER	3/31/2017 1:14:04 AM
		MIG_DT5328	Water	ACCUTEST LABORATORIES						SSIS	3/31/2017 1:14:04 AM
		MIG_DT5620	Water	UNKNOWN						SM_OTHER_TO_WATER	3/31/2017 1:14:04 AM
		MIG_DT5817	Water	AQUATIC CONSULTING AND TESTING, INC.						SSIS	3/31/2017 1:14:04 AM
		MIG_DT5921	Water	ACCUTEST LABORATORIES						SSIS	3/31/2017 1:14:04 AM
		MIG_DT593	Sediment	AQUATIC CONSULTING AND TESTING, INC.						SSIS	3/31/2017 1:14:04 AM

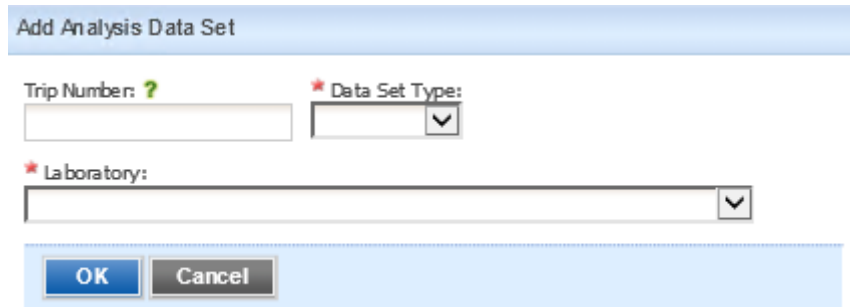
Figure 2-65: Lab Analysis Data Sets – Search

The **Load** button will load all the information on the all the tabs for the search criteria entered. The **Search** button will redirect the user to a page with many different search criteria under “Search for Analysis Data Set”. The **Search** button under all the criteria in this page will search the data for the values selected from the drop down list. By clicking on the search button the application will display the search result data.

The icon will allow data to be changed or edited which already exist in the system for the selected row. The icon will pop up message confirming the delete. If yes is selected, application will delete the record. If cancel is selected, application will not delete the record.

The **New Data Set** button will open up the “Add Analysis Data Set Page” to add a record. Clicking on this button will redirect the application and will enable only the General Information tab. Other tabs would be disabled until information is saved in the General tab. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered.

4.5.1. Analysis Data Sets – Add New Data Set



The screenshot shows a dialog box titled "Add Analysis Data Set". It contains three input fields: "Trip Number: ?" (with a green question mark icon), "* Data Set Type:" (with a red asterisk and a dropdown arrow), and "* Laboratory:" (with a red asterisk and a dropdown arrow). At the bottom of the dialog are "OK" and "Cancel" buttons.

Figure 2-66: Analysis Data Sets - Add New Data Set

The form is opened when the user clicks on the **New Data Set** button under datasets of selected projects and allows the user to add a new record to the list.

The **OK** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The **Cancel** button will exit the page without saving any data.

4.5.2. Analysis Data Sets – General Information Tab

Project > Project Management > Analysis Data Sets

[Back to Data Sets List](#) Analysis Data Set: **00UEW023, USGS Mobile E Coli Lab** [Load](#)

2000 USGS E coli **Water** **00UEW023, USGS Mobile E Coli Lab** [Run QA Flagging Process](#)

[General Information](#) [Samples](#) [Lab QC Results](#) [Lab QC Narrative](#)

Use this page to edit a Project's Analysis Data Set. Enter or modify the Analysis Set Header Information below.
To add a Lab Test to the Data Set, click on the **Add** icon in the Lab Test Regime for Entire Analysis Set table. From the pop-up window that appears, use the Protocol Search to retrieve Protocols matching the search criteria, select the Protocol(s) to be added, and click **OK**.
Click on the **Remove** icon to delete a Protocol from the Lab Test Regime. Click on the **Add Lab Tests from Test Plan** button to append a predefined Protocol List for this Project's Data Set. Click on **Save Data Set** to save any changes made to this page.
To view the Chain of Custody report, click on the **Chain of Custody Report** icon. Click on the **Lab Tests Report** icon to export the Lab Tests.

To view another Analysis Data Set's details within the selected Project, use the Analysis Data Set dropdown located on the right, and click **Load**. Click on **Back to Data Sets List** to return to the Project's list of Analysis Data Sets page.

Analysis Data Set Header

Data Set Type: **Water**

*DataSet Number:

Lab Information

*Lab: Lab Job #:

Sent to Lab Date/ Time: / : Received by Lab Date/ Time: / :

Received from Lab Date/ Time: / : Date Report Prepared by Lab:

QA/QC Review Document Name:

Totals: 13 Sites, 15 Samples, 12 Normal, 2 Duplicate, 1 Field Blank.

Lab Test Regime for Entire Analysis Set

	Protocol
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (Method: 8080, Medium: Fish Tissue, T/D: T)
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (Method: 8082, Medium: Fish Tissue, T/D: T)

[Add Lab Tests from Test Plan](#)

Report

Chain of Custody Report **Lab Tests Report**



[Save Data Set](#)


Figure 2-67: Analysis Data Sets - General Information Tab

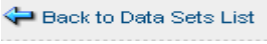
The user can select Analysis Data Set from drop down menu and clicking on the [Load](#) button will retrieve and load information, corresponding to the Analysis data set selected, in the General tab screen.

An entry with a blank for required field results in error displayed by the system that required field marked with asterisk (*) is missing. The [Save Data Set](#) button will save the data entered together with

the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered.

The  icon under lab test regime for entire analysis set will pop up the protocol search page, and a new record can be created. The  icon will pop up message confirming the delete. If yes is selected, application will delete the record. If cancel is selected, application will not delete the record. The

 button will open the "Add lab test from test plan" page, which will allow the user to add test plan.

The  hyper link will take the user back to the lab analysis data sets list page

4.5.3. Analysis Data Sets – General Information Tab – Add Lab Test from Test Plan

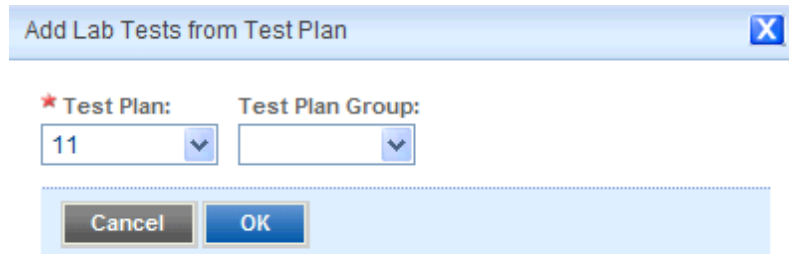


Figure 2-68: Analysis Data Sets - General Information Tab - Add Lab Test from Test Plan

The page is opened when the user clicks on the **Add Lab Tests from Test Plan** button on the General information tab on the lab analysis data sets, which will allow the user to add a new record to the list.

The **OK** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The **Cancel** button will exit the page without saving any data.

4.5.4. Analysis Data Sets – General Information Tab – Add Protocol Search

Protocol Search


Sample Medium: Parameter Type: Substance Name:


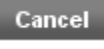
Analytical Method:


Sub Method: CAS Number: T/Ds:

☐ Check or Uncheck All

Figure 2-69: Analysis Data Sets – General Information Tab – Add Protocol Search

The page is opened when the user clicks on the  under the Lab Test Regime for Entire Analysis Set on the General information tab on the lab analysis data sets page, which will allow the user to add a new record to the list .

The  button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The  button will exit the page without saving any data.

The  button will search if there is data for the search criteria entered, and then system will "load" the information related to the search criteria entered and display values in the result table, which will be dynamically generated, depending on whether the search returns any record or not.

4.5.5. Analysis Data Sets – Samples tab

Project > Project Management > Analysis Data Sets

Back to Data Sets List Analysis Data Set: MIG_DTS1715, AQUATIC CONSULTING AND TESTING, INC., Load

2015-AMBIENT MONITORING Water MIG_DTS1715, AQUATIC CONSULTING AND TESTING, INC., Run QA Flagging Process Clear QA Flags

General Information Samples Lab QC Results Lab QC Narrative

Use this page to add or remove Samples.
To add Samples to the Analysis Data Set, click on the Add Samples button. On the pop-up window that appears, use the Add Sample Search to retrieve all Samples matching the entered search criteria and select the Samples to be added to the Analysis Data Set. Click OK to add the Samples.
To delete a Sample from the Data Set, click on the Delete icon next to the Sample to be removed.

Selected Samples

1 - 15 of 51 item(s)

Delete	Sample Number	Trip Name	Site	Sample Type	Medium	Planned Individual Lab Test	Planned Lab Tests	View Chem Results
	SW-105027-2	100212	100212	DUPLICATE	Water	(0)	4	(4)
	SW-105031-2	100720	100720	DUPLICATE	Water	(0)	4	(4)
	SW-102740	100037	100037	REGULAR	Water	(0)	4	(31)
	SW-105015	100237	100237	REGULAR	Sediment, Water	(0)	4	(6)
	SW-104152	100037	100037	REGULAR	Water	(0)	4	(31)
	SW-103160	100075	100075	REGULAR	Water	(0)	4	(32)
	SW-105030	100275	100275	REGULAR	Sediment, Water	(0)	4	(5)
	SW-99724	100067	100067	REGULAR	Water	(0)	4	(44)
	SW-105031	100720	100720	REGULAR	Sediment, Water	(0)	4	(6)
	SW-99723	100068	100068	REGULAR	Water	(0)	4	(44)
	SW-103158	100076	100076	REGULAR	Water	(0)	4	(32)
	SW-103161	101706	101706	REGULAR	Water	(0)	4	(54)
	SW-106059	100037	100037	REGULAR	Water	(0)	4	(5)
	SW-105022	100247	100247	REGULAR	Sediment, Water	(0)	4	(4)
	SW-102805	100102	100102	REGULAR	Water	(0)	4	(54)

1 2 3 4


Add Samples

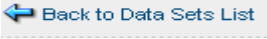
Figure 2-70: Analysis Data Sets –Samples tab

The user can select Analysis Data Set from drop down menu, and clicking on the **Load** button will retrieve and load information, corresponding to the Analysis data set selected, in the General tab screen.

This page will display all the samples in the Analysis data sets. The **Add Samples** button will pop up the 'Add Samples' page which will allow the user to display all the samples based on the search criteria entered or selected and by selecting the respective samples, and by clicking the OK button, the application will add the samples to the analysis data sets. By clicking the cancel button in the add samples page will close the page without saving

The icon under the selected sample will pop up message confirming the delete. If the user selects OK, then the application will delete the record. If cancel button is selected, application will not delete the record. The (Planned Individual Lab Test icon) on the selected row will open the "Lab Test Regime for Individual Sample" page, and the user can change the data entered and save the lab test

regime. If the cancel button is selected in the "Lab Test Regime for Individual Sample" page, then the application will not save the data and will close the page without saving. The  'view chem result' icon will open the "Result Chemical Detail" page, and will allow the user to view the data that already exists in the system.

The  hyper link will take the user back to the lab analysis data sets list page.

4.5.6. Analysis Data Sets – Sample Tests tab – Add samples

Add Samples

Program Area:
AMBIENT MONITORING (SurfaceWater)

Project:
2015-AMBIENT MONITORING

Trip:

Trip No:

Sample No:

Search

☐ Check or Uncheck All

1 - 10 of 844 item(s)

	Trip Number	Sample Number	Trip Name	Site	Sample Type	Medium
<input type="checkbox"/>	20150617-2282_54209	SW-105288	108862	108862	REGULAR	Water
<input type="checkbox"/>	20150414-2282_53495	SW-102744	108862	108862	REGULAR	Water
<input type="checkbox"/>	20141001-2282_41678	SW-98808	108862	108862	REGULAR	Water
<input type="checkbox"/>	20141001-2282_41678	SW-98805	108862	108862	REGULAR	Water
<input type="checkbox"/>	20150406-2282_53491	SW-105037	108902	108902	REGULAR	Sediment, Water
<input type="checkbox"/>	20150422-2282_53562	SW-105018	109242	109242	REGULAR	Sediment, Water
<input type="checkbox"/>	20141118-2282_52068	SW-99855	109242	109242	REGULAR	Water
<input type="checkbox"/>	20140625-9406_42549	SW-97644	100969	100969	REGULAR	Water
<input type="checkbox"/>	20140625-9406_42549	SW-97641	100969	100969	REGULAR	Water

OK

Cancel

Figure 2-71: Analysis Data Sets – Sample Tests tab – Add samples

This page will open when the user clicks on the **Add Samples** button in the Sample tab page. It will allow the user to add Samples to the Analysis Data Set.

The user can select the data in the search criteria bar, and clicking on the **Load** button the application will retrieve and load information, corresponding to the search criteria selected.

The **OK** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The **Cancel** button will exit the page without saving any data.

4.5.7. Analysis Data Sets – Sample Tests tab – Edit Individual lab test

Lab Test Regime for Individual Sample

Sample Number: AA52320, Sample Medium: Fish Community, Water

Lab Tests




Parameter Type:
Dioxins

Substance:
1,2,3,4,6,7,8-Heptachlorodibenzofuran

* Protocol:
1,2,3,4,6,7,8-Heptachlorodibenzofuran (Method: 8080, Media: Sediment, T/D: T)

Close Save Lab Test Regime

Figure 2-72: Analysis Data Sets – Sample Tests tab – Edit Individual lab test

This page will open when the user clicks on  (Planned Individual Lab Test icon). The  icon will add a new record to the system. The  icon will pop up message confirming the delete. If yes is selected, application will delete the record. If cancel is selected, application will not delete the record. The **Save Lab Test Regime** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The **Close** button will close the page without saving.

4.5.8. Analysis Data Sets – Fish Preps Tab

Project > Project Management > Analysis Data Sets

[Back to Data Sets List](#)
Analysis Data Set: 14F001-2382, AMERICAN ENVIRONMENTAL LABORATORIES, [Load](#)

2015-AMBIENT MONITORING
 Fish Tissue
 14F001-2382, AMERICAN ENVIRONMENTAL LABORATORIES,
 [Run QA Flagging Process](#)
[Clear QA Flags](#)

[General Information](#)
[Fish Preps](#)
[Lab QC Results](#)
[Lab QC Narrative](#)

Fill out the Analysis Data Set Fish Prep Online Entry Form.
The following actions can be performed on this page:

* Denotes a required field.

Selected Fish Preps

1 - 6 of 6 item(s)

Delete	Sample#	Fish Lab Sample#	Prep. Type	Fish Count	Min. Leng. (mm)	Max. Leng. (mm)	Mean Leng. (mm)	Total Weight (g)	Planned Individual Lab Test	View Chem Results
	UGEAG056.85&06/16/2015---0	250-139-4	Fish Fillet	1			203		(0)	(1)
	SRAPA-NLS&04/21/2015---0	246-38-2	Fish Fillet	1			700		(0)	(1)
	SRAPA-NLS&04/21/2015---0	246-141-1	Fish Fillet	1			320		(0)	(1)
	VRWIC-NLS&04/28/2015---0	245-63-7	Fish Fillet	1			294		(0)	(1)
	VRBAR-A&4/8/2015---0	244-38-1	Fish Fillet				460		(0)	(1)
	VRBAR-A&4/8/2015---0	244-63-11	Fish Fillet				358		(0)	(1)

[Add Fish Preps](#)

Figure 2-73: Analysis Data Sets – Fish Preps Tab

The user can select Analysis Data Set from drop down menu, and clicking on the [Load](#) button will retrieve and load information, corresponding to the Analysis data set selected, in the General tab screen.

The icon under the selected fish preps will pop up message confirming the delete. If user selects OK, then the application will delete the record. If cancel is selected, application will not delete the record. The [Add Fish Preps](#) button will pop up a new window named 'Add fish preps', and the user can add a new record by entering the detail information on the page and save.

The **View Chem Results** icon on the selected record will open the "Fish Preparation Chemical Detail" page and will allow the user to view the data that already exists in the system.

The [Back to Data Sets List](#) hyper link will take the user back to the lab analysis data sets list page.

4.5.9. Analysis Data Sets – Fish Preps Tab – Add Fish Prep

Add Fish Prep.

Program Area: Project:

Trip: Trip No:

1 - 10 of 159 item(s)

	Trip Number	Sample Number	Fish Lab Sample Number	Fish Prep. Type	Fish Count	Min. Length (mm)	Max Length (mm)	Mean Length(mm)	Total Weight(g)
<input type="checkbox"/>	-2282_2015-AMBI	VRBAR-A&4/8/2015---0	244-38-1	Fish Fillet				460	
<input type="checkbox"/>	-2282_2015-AMBI	VRBAR-A&4/8/2015---0	244-63-11	Fish Fillet				358	
<input type="checkbox"/>	-2282_2015-AMBI	VRBAR-A&4/8/2015---0	244-63-20	Fish Fillet				362	
<input type="checkbox"/>	-2282_2015-AMBI	VRWIC-NLS&04/28/2015---0	245-63-7	Fish Fillet	1			294	
<input type="checkbox"/>	-2282_2015-AMBI	SRAPA-NLS&04/21/2015---0	246-38-2	Fish Fillet	1			700	
<input type="checkbox"/>	-2282_2015-AMBI	SRAPA-NLS&04/21/2015---0	246-141-1	Fish Fillet	1			320	
<input type="checkbox"/>	-2282_2015-AMBI	UGEAG056.85&06/16/2015--0	250-139-4	Fish Fillet	1			203	
<input type="checkbox"/>	-2282_2015-AMBI	SRTON057.55&07/30/2014---0	228-35-4	Fish Fillet	1			320	
<input type="checkbox"/>	-2282_2015-AMBI	SRTON057.55&07/30/2014---0	228-35-7	Fish Fillet	1			262	

Figure 2-74: Analysis Data Sets – Fish Preps Tab – Add Fish Prep

This page will be opened when the user clicks on the button in the Fish Prep Tab page.

The user can select the search criteria and by clicking on the button the application will retrieve and load information, corresponding to the search criteria selected

The button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required field values marked with asterisk (*) to be entered. The button will exit the page without saving any data.

4.5.10. Analysis Data Sets – Lab QC Result Tab

← Back to Data Sets List

Analysis Data Set: 00TF301, 903097, Pace Analytical (formerly EnChem) **Load**

2000 Fish Tissue Fish Tissue 00TF301, 903097, Pace Analytical (formerly EnChem) **Run QA Flagging Process** **Clear QA Flags**

General Information Fish Preps **Lab QC Results** Lab QC Narrative

Use the Filter button to retrieve the list of Lab QC Result matching the entered search criteria for the selected Data Set.
Click on the View/Edit icon to view or edit the Lab QC Result Information. On the pop-up window that appears, enter any changes to the Lab QC Result Information and click Save to record the changes.
To delete a Lab QC Result, click on the Delete icon next to the Result to be removed. To add a new Lab QC Result, click on the New Result button. Enter the Lab QC Result information from the pop-up window and click Save.

Lab QC Result

Substance:

Lab Internal No: Lab Batch No: QC Type: **Filter**

1 - 15 of 156 item(s)

Delete	Edit	Protocol	Lab Internal No	Run Batch No	QC Type	QA Flags	Measured Value	Unit	% Recovery	Lower Limit % Recovery	Upper Limit % Recovery	Dup Measured Value	Dup Unit	Dup Percent Recovery	Dup RPD	MRL	MRL Unit	MDL	MDL Unit	Dup MDL	Dup MDL Unit
		Decachlorobiphenyl (Surrogate) (Method: 8081, Medium: Fish Tissue, T/D: T)	903097-004	695	SS		88	% Recov	88	47	145										
		Tetrachloro-m-xylene (Surrogate) (Method: 8081, Medium: Fish Tissue, T/D: T)	903097-004	695	SS		84	% Recov	84	40	136										

Figure 2-75: Analysis Data Sets – Lab QC Result Tab

The user can select Analysis Data Set from drop down menu and clicking on the **Load** button will retrieve and load information, corresponding to the Analysis data set selected. The **Filter** button will display the result based on the criteria entered by the user.

The **Run QA Flagging Process** will pop up message “Are you sure you want to run QA Flagging Process?” If user clicks ‘OK’, system will run QA Flagging Process on the file. If user clicks ‘Cancel’, no action is taken.

The **Clear QA Flags** will pop up message “Are you sure you want to clear QA Flags?” If the user clicks ‘OK’, system will clear QA flags for the file. If user clicks ‘Cancel’, no action is taken.

The icon under the lab QC result list will pop up message confirming the delete. If the user selects OK, then the application will delete the record. If cancel is selected, application will not delete the record. The will allow the user to edit the record that already exists in the system. The **New Result** button will open the “Lab QC Result page”, which will allow the user to enter a new record.

The [← Back to Data Sets List](#) hyper link will take the user back to the lab analysis data sets list page.

4.5.11. Analysis Data Sets – Lab QC Result Tab – Add New Lab QC Result

Lab QC Result

Lab QC Result Basic Information

Substance:

CALCIUM

★ Protocol:

CALCIUM (Method: EPA 200.9, Unit: MG/L, Store: 00915, Medium: Water, T/D: DISSOLVED)

★ QC Type:

BL

★ Lab Internal No:

Measured Value:

12

Units:

MG/L

QA Flags:

Dilution Multiplier:

Lab Batch #:

Run Date/Time:

/

:

Prep Batch #:

Prep Date/Time:

/

:

Lab MRL:

Units:

MDL

MDL Units

Save

Save and Continue

Cancel

Figure 2-76: Analysis Data Sets – Lab QC Result Tab – Add New Lab QC Result

This page will open when the user clicks on the **New Result** button 'Lab QC Result' tab page.

The **Save** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The **Cancel** button will exit the page without saving any data. The **Save and Continue** button will save the input data as a new record, while the user can create another record without exiting the page.

4.5.12. Analysis Data Sets – Lab QC Narration Tab

Project > Project Management > Analysis Data Sets

[Back to Data Sets List](#) Analysis Data Set: 14F001-2382, AMERICAN ENVIRONMENTAL LABORATORIES, [Load](#)


2015-AMBIENT MONITORING Fish Tissue 14F001-2382, AMERICAN ENVIRONMENTAL LABORATORIES, [Run QA Flagging Process](#) [Clear QA Flags](#)

[General Information](#) [Fish Preps](#) [Lab QC Results](#) [Lab QC Narrative](#)

Use the Filter button to retrieve the list of Lab QC Result matching the entered search criteria for the selected Data Set.
Click on the View/Edit icon to view or edit the Lab QC Result information. On the pop-up window that appears, enter any changes to the Lab QC Result information and click Save to record the changes.
To delete a Lab QC Result, click on the Delete icon next to the Result to be removed. To add a new Lab QC Result, click on the New Result button. Enter the Lab QC Result information from the pop-up window and click Save.

Lab QC Narrative Result



Substance:
Protocol: Method:
Lab Internal No: Lab Batch No: QC Type: [Filter](#)

 No items found. Please try again.

[New Result](#)

Figure 2-77: Analysis Data Sets – Lab QC Narration Tab

The user can select Analysis Data Set from drop down menu and clicking on the [Load](#) button will retrieve and load information, corresponding to the Analysis data set selected. The [Filter](#) button will display the result based on the criteria entered by the user in the search bar.

The  icon under the lab QC narrative result list will pop up message confirming the delete. If the user selects OK, then the application will delete the record. If cancel is selected, application will not delete the record. The  will allow the user to edit the record that already exists in the system. The [New Result](#) button will open the “Lab QC Narrative Result page”, which will allow the user to enter a new record.

The [Back to Data Sets List](#) hyper link will take the user back to the lab analysis data sets list page.

4.5.13. Analysis Data Sets – Lab QC Narrative Tab – Add New Result

Lab QC Narrative Result

Lab QC Narrative Result Basic Information

Substance: Protocol:

QC Type: Lab Internal No: Method:


Prep No: Prep Method: Lab Batch No:

Narratives

+ Narrative

Save Save and Continue Cancel

Figure 2-78: Analysis Data Sets – Lab QC Narrative Tab – Add New Result

This page will open when the user clicks on the **New Result** button 'Lab QC Narrative" tab page. The **Save** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The **Cancel** button will exit the page without saving any data. The **Save and Continue** button will save the input data as a new record and the user can create another record without exiting the page. The  icon under the narratives will add a new narrative record to the system.

4.6. Review Sample Data – Search by activity

Projects > Project Management > Review Sample Data

Review Sample Data

Use the Search interface to retrieve all Samples matching the entered criteria from the ADEQ Database. Click on the **Edit** icon to update the Review Status of a Sample.

On the pop-up window that appears, enter the Status and any Comments for the Sample, and then click **Save**.

To view a Review Status Log of the Sample, click on the **View Review Status Log Information** icon. Click on **Batch Update Status** to update the status of multiple Samples at the same time.

Search for Sample Data

Search By: ☒ ACTIVITY ☐ CREDIBLE

Search Type: **Business Process:** **Program Area:** **Project:**



Trip: **Data Set #:** **Sample #:**

Sample Collected Date: ~ **Data Set Type:** **Sample Status:** **Laboratory:**

Search

Search Result


1 - 2 of 2 item(s) Items per page: 15

Edit	Project Name	Analysis Set #	Sample #	Laboratory	Chem Medium	Fish Event ID	Fish Lab Sample #	Macro #	Status	Status Comment
	2012-SPECIAL STUDIES		SW-98097	ARIZONA DEPT. OF ENVIRONMENTAL QUALITY (FIELD)	Water				Migrated	
	2012-SPECIAL STUDIES		SW-98097		Water				Migrated	

Batch Update Status

Figure 2-79: Review Sample Data – Search by activity

The **Search** button will search if there is data for the search criteria entered, and then system will "load" the information related to the search criteria entered and display values in the search result below.

The  icon will allow the user to edit the data that already exists in the system for the selected row.

The **Batch Update Status** button will open the "Batch update review status page", which will allow the user to update the status.

4.7. Review Sample Data – Edit Search by activity

Update Review Status

★ Status:

Submitted

▼

Comment:

Review History:

[4/10/2017 6:00:25 PM] changed to **Approved**.
By: Administrator Administrator
Comment:

[4/10/2017 6:00:16 PM] changed to **Edit**.
By: Administrator Administrator
Comment:

Save

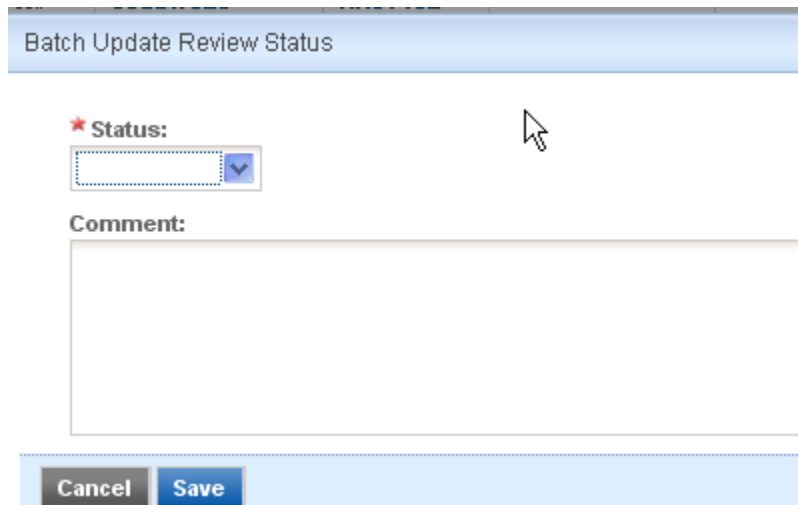
Cancel

Figure 2-80: Review Sample Data – Edit Search by activity

This page will open when the user clicks on the edit icon on the Review Sample Data page.

The **Save** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The **Cancel** button will exit the page without saving any data. The review history section on the right will display the history for each of the status selected by the users.

4.8. Review Sample Data – Search by activity -Batch update status



Batch Update Review Status

★ Status:

Comment:

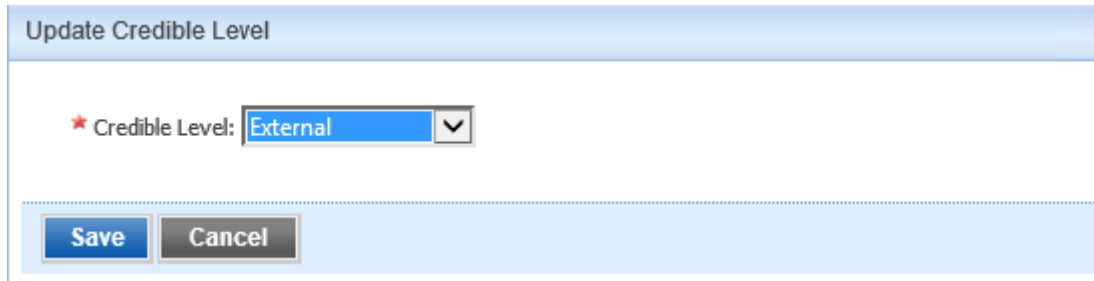
Cancel Save

Figure 2-81: Review Sample Data – Search by activity -Batch update status

This page will open when the user clicks on the **Batch Update Status** button on the “Review sample data” page. This page will allow the user to update the status.

The **Save** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The **Cancel** button will exit the page without saving any data.

4.9. Review Sample Data – Search by assessment -Batch update status



Update Credible Level

★ Credible Level: External

Save Cancel

Figure 2-82: Review Sample Data – Search by assessment -Batch update status

This page will display when the user clicks on **Batch Update Assessment Level**, which enables him to update samples status in batch based on the assessment level.

The **Save** button will save the data entered together with the required field information. If the required field values are not entered, then application will display error message for required fields marked with asterisk (*) to be entered. The **Cancel** button will exit the page without saving any data.

5 Query and Report

5.1. Query Water Quality Data

Search Water Quality Data

This page can be used to extract Water Quality Data from the ADEQ database.

Each data entry box below represents a filter on ADEQ Water Quality data. As such, any selection you make will always either reduce the number of records you would otherwise see or leave the number of records unchanged. The sole exception is **Search Type**, which can change the form that the returned data will take. **Please note that searching for a broad range of data could cause the search to take a few minutes to complete or result in an overflow of data and the search to time out.** By default, you must include at least one search criteria to avoid major performance issues, but you are free to include as many search criteria as desired and the more search criteria you include, the faster the search should be.

Click on **Save to My Queries** to save the entered search criteria to a query that can later be used to prepopulate the Search interface with the saved search criteria. On the pop-up window that appears, enter a Query Name and/or a Query Description and click **Save**. The Query will appear in the 'My Saved Queries' dropdown for future use.

My Saved Queries:

Search Criteria

Sites Related Info

HUC Codes: <input type="text"/>	Site Type: <input type="checkbox"/> Canal <input type="checkbox"/> GW - Program Area <input type="checkbox"/> GW Spring <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> SW Spring <input type="checkbox"/> Well	County: <input type="checkbox"/> APACHE <input type="checkbox"/> COCHISE <input type="checkbox"/> COCONINO <input type="checkbox"/> GILA <input type="checkbox"/> GRAHAM <input type="checkbox"/> GREENLEE <input type="checkbox"/> LA PAZ <input type="checkbox"/> MARICOPA <input type="checkbox"/> MOHAVE	Watershed: <input type="checkbox"/> BILL WILLIAMS <input type="checkbox"/> COLORADO - GRAND CANYON <input type="checkbox"/> COLORADO - LOWER GILA <input type="checkbox"/> LITTLE COLORADO <input type="checkbox"/> MIDDLE GILA <input type="checkbox"/> SALT RIVER <input type="checkbox"/> SAN PEDRO	Waterbodies: <input type="text"/>	AUID: <input type="text"/> Impaired: <input type="text"/>
---------------------------------	--	--	--	-----------------------------------	--

Projects Related Info

Business Process: <input type="text"/>	Program Area: <input type="checkbox"/> ADEQ General Groundwater Sampling (GroundWater) <input type="checkbox"/> ADEQ General Surface Water Sampling (SurfaceWater) <input type="checkbox"/> ADEQ MISCELLANEOUS (GroundWater) <input type="checkbox"/> AMBIENT MONITORING (SurfaceWater) <input type="checkbox"/> AMBIENT SAMPLING PROGRAM (GroundWater)	Projects: <input type="checkbox"/> TMDL/PESTICIDE MONITORING <input type="checkbox"/> TMDL MONITORING <input type="checkbox"/> 2017-AMBIENT MONITORING <input type="checkbox"/> 2016-WQARF SAMPLES <input type="checkbox"/> 2016-VOLUNTEER MONITORING <input type="checkbox"/> 2016-UNDERGROUND STORAGE TANKS <input type="checkbox"/> 2016-RESOURCE CONSERVATION AND RECOVERY ACT UNIT <input type="checkbox"/> 2016-NATIONAL PRIORITY LIST	Trip Type: <input type="text"/> Trip #: <input type="text"/> Trip Plan: <input type="text"/> Trip Route: <input type="text"/>
--	---	---	--

Sample Data Related Info

Search Type: <input type="text"/>
Sample Medium: <input type="text"/>
Sample #: <input type="text"/>
Sample Date: <input type="text"/>
Sample Data Type: <input type="checkbox"/> BLANK <input type="checkbox"/> DUPLICATE <input type="checkbox"/> REGULAR <input type="checkbox"/> SPLIT
Depth Range: <input type="text"/>


Search Result

Items per page:

1 - 2 of 2 item(s)

Project	Site	Trip#	Sample#	Trip Type	Medium	Sample Date	Sample Type	Fish Prep Sample#	Dataset#	Sample Depth	WQX Flag	Last Updated Date
2015-AMBIENT MONITORING	100009	-2282_2015-AMBI	VRBAR-A&09/24/2014---0	Sampling	Fish Tissue	9/24/2014 12:00:00 AM	REGULAR	REGULAR	REGULAR	-1	Ready to Send	4/10/2017 5:29:39 PM
2015-AMBIENT MONITORING	100009	-2282_2015-AMBI	VRBAR-A&4/8/2015--0	Sampling	Fish Tissue	4/8/2015 12:00:00 AM	REGULAR	REGULAR	REGULAR	-1	Ready to Send	3/30/2017 11:41:02 PM


Figure 2-83: Query Water Quality Data

The  button will search if there is data for the search criteria entered, and then system will "load" the information related to the search criteria entered and display values in the Search Result list below. By Selecting a Query Name from the 'My Saved Queries' dropdown, the System will refresh the Search Water Quality Data screen to re-populate search criteria fields and display the corresponding search results.

There are three sections to the query page that can be used to build a query:

1) Site Information

This section allows the user to filter search results down by site and location. User can select information relating to Site Type, County, Watershed, Waterbodies, Sites, and HUC Code.

Waterbodies, Sites and HUC Codes can be searched for using their search pop-up buttons, . Please note that AUID, Impaired and Lake Site will all be removed from the Water Quality Query page with Release 2; they are not functional.

2) Project Information

This section allows the user to filter search results down by Program Area and Project. Note that Business Process here is not a search parameter, it just provides a filter on the Program Area and Projects lists. Once the user selects one or more Program Areas (if they choose to), then the Projects list will be filtered down to display only projects associated with selected Program Areas. If the Program Area or Project selected has an associated Trip Plan and Trip Routes, then those lists will be populated and all associated Trip Plans will be selected by default. This will allow the user to select from the Trip Route list if desired.

It is important to note that once the user has made a selection from the Trip Route list, these selections will override the selections of Program Area and Project. If the user wishes to further limit their search results to a particular year while selecting a Trip Route, then the user must enter a date range in the Sample Data Information section.


3) Sample Data Information






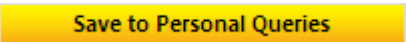



This section contains allows the user to define what kind of samples or results they would like to search for. It also allows the user to select a search type, which define the format of the search results output and can also allow the user to select from additional search parameters.

NOTE: The following search types are to be removed from eAquaPro or will only be available in Release 2:

- Result – Chem, WQS
- Result – Fish Community
- Result – Chem, Coliform
- Result – Chem, E. Coli

The only required field for a database query is the **Search Type**, but the user is required to enter at least one other search criterion before the page will return results.

1. The  icon next to '**Waterbodies:**' will look up for streams and add selected one(s) as Search Criteria, and the 'Stream Search' window will pop-up.
 - a. Enter Stream Name and click **Search** on the Stream Search pop-up window, and the application will display and allow user to select the entered Stream Name. By default, if no stream name is entered, the system will display all stream names available in the system. If user enters one letter, the system will retrieve and display all stream names starting with the entered letter.
 - b. Select Waterbody Name(s) and click **OK** on the Stream Search pop-up window, and the Stream name(s) will be added to the search criteria.
 - c. Click **Close** on the Waterbody Search pop-up window, and the System will close the Waterbody Search window, and no stream will be added to the search criteria.

- d. Click on  icon next to 'Waterbody:' field and all stream names entered will be removed.
2. Click on the  icon next to '**Sites:**' to look up for sites and add selected one(s) as Search Criteria.
- Enter any Site Search Criteria and click **Search** on the Site Search pop-up window, and System will retrieve all sites corresponding to the search criteria entered. By default, if no search criteria are entered, the system will display all sites available in the system.
 - Select Site(s) and click **OK** on the Site Search pop-up window and Site(s) will be added to the Water Quality Data Search Criteria.
 - Click **Close** on the Site Search pop-up window and System will close the Site Search window, and no site will be added to the search criteria.
 - Clicking on  icon next to the 'Sites:' field and all site names entered in the field box will be removed.
3. Click on the  icon next to '**Parameters:**' to look up specific substances and add selected one(s) as Search Criteria.
- Enter any Parameter Search Criteria and click **Search** on the Site Search pop-up window, and System will retrieve all sites corresponding to the search criteria entered. By default, if no search criteria are entered, the system will display all parameters available in the system.
 - Select Parameters(s) and click **OK** on the Parameter Search pop-up window and Parameters(s) will be added to the Water Quality Data Search Criteria.
 - Click **Close** on the Site Search pop-up window and System will close the Site Search window, and no site will be added to the search criteria.
 - Clicking on the checkbox next to the 'All Parameters' field and all parameter names entered in the field box will be checked.
 - Once the user has search for and selected a list of parameters, they will not be able to see the whole list again without restarting their session. To search for results based on new parameters, the user will need to use the Parameters search pop-up again to repopulate the **Parameters:** list on the query page.
- By clicking on the  icon next to the various check box lists (e.g. Watershed, Program Area or Trip Plan), the application will delete the records which have been check marked by the user.
4. By Clicking on  button the application will open the Save to Personal Queries window.
- Enter Query Name and Query Description, and click Save and System will save all entered search criteria as a query that can later be used to pre-populate the search screen. The Query Name entered will then be displayed on the 'My Saved Queries' drop down.
 - Click **Cancel** on the Save To My Queries pop-up window, and System will close the Save To My Queries window, and no further action will be taken
5. By clicking on , the user will be prompt with a File Download Dialog. He or she may choose to save the data as an Excel sheet to local hard drive or as an Access .mdb file.
6. User can generate a pop-up of containing a 3D plot of the data currently presented on the screen, as well as a Google map covering the data area by clicking .
7. User can export to a KML file, viewable in Google Earth, by clicking .

5.1.1 Query Water Quality Data – Add Site Search

Site Search

Site ID:
F Site:
Site Type:
County:
EcoRegion:
HUC Code:
Stream Name:

Agricultural Dischrg

Latitude Range:
Longitude Range:
Project:


Search

1 - 5 of 5 item(s)

	Site ID	Short Desc	F Site	Type	County	HUC 12	HUC 14	Eco	Stream Name	Lat.	Lo
<input type="checkbox"/>	LMJ180-0070			Agricultural Dischrg	Noble	040500011603	04050001180040	S. Michican/N. Indiana Drift Plains	Cattle Pond Discharge	41.38944444444444	-85.39597
<input type="checkbox"/>	UMJ070-0007	Sewage Straight Pipe Disc		Agricultural Dischrg	Benton	071200020705	07120002070020	Central Corn Belt Plains	Straight Pipe Discharge	40.69286111111111	-87.42877
<input type="checkbox"/>	UMK050-0023	Field Tile Drainage Combi		Agricultural Dischrg	Kosciusko	071200010307	07120001050110	S. Michican/N. Indiana Drift Plains	Jacob B Miller Field	41.37388888888889	-86.00221
<input type="checkbox"/>	WAW040-0054	N by NE from Wainwright		Agricultural Dischrg	Tippecanoe	051201070309	05120107040120	Eastern Corn Belt Plains	Unnamed Tributary	40.31601666666667	-86.75746
<input type="checkbox"/>	WLV050-0004	Discharge to Mud Pine Cr		Agricultural Dischrg	Warren	051201080304	05120108050040	Eastern Corn Belt Plains	Unknown Field Tile into Mud Pine Cr S of Boswell	40.44618333333333	-87.36032

OK
Close

Figure 2-84: Query Water Quality Data -Add Site Search

This page will open when the user clicks on the  icon under the sites in the Query water quality data page.

This Site search page allows the user to search the sites based on the site criteria entered or selected, and by clicking the **Search** button, the application will list the data based on the search criteria entered. The user can select the site records. And by clicking the **OK** button, the application will add the sites selected by the user to the Site list in the Query water quality data page. If the **Close** button is selected, then the application will close the page without saving any information.

5.1.1 Query Water Quality Data – Add Waterbody Search

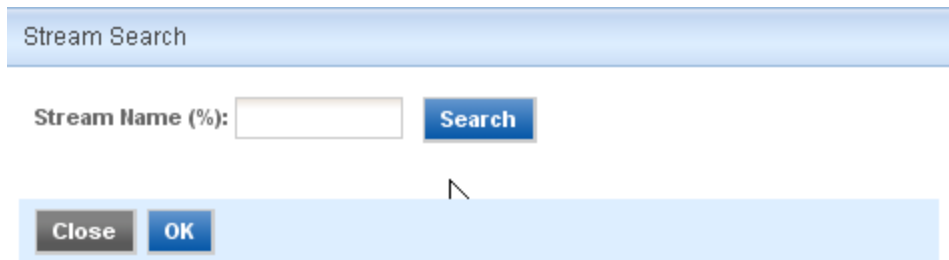



Figure 2-85: Query Water Quality Data -Add Stream Search

This page will open when the user clicks on the  icon under the streams in the Query water quality data page.

This page allows the user to search the streams based on the criteria entered. By clicking on the **Search** button, the application will check the database for the search criteria entered by the user. If there is data matched with the search criteria, then the application will display the data. By clicking the **OK** button, the application will add the stream selected by the user to the Stream list in the Query water quality data page. If the **Close** button is selected, the application will close the page without saving any information.

6 WQX Submission

Note: WQX Submission will be addressed in Release 2.

Appendix A: Glossary

Term	Definition
Business Process	Denotes Groundwater or Surface Water business process groups. Generally this is used to provide a quick filter of information so that the user can select data relevant to their work.
Program Area	The highest data level in eAquaPro. Program Areas define a grouping of work that can cover years and different purposes. They can only be created by Administrators in the Reference Data section of the site.
Project	Projects are subsets of Program Areas that cover a specific purpose or period of time. They are associated with specific data types, defined by the user, and generally have universal QA/QC requirements within the project.
Trip Plan	Trip Plans are used to define where samples will be taken for a Project. They are comprised of Trip Plan Routes

Term	Definition
Trip Plan Routes	Trip Plan Routes are groups of sites that are associated with a Project or Program Area. They are useful for grouping data within a Program Area without respect to Project, but they are also used to define areas that Trips are meant to take place.