

3.0 Managing Existing Monitoring Locations

In the database, a pair of companion pages exists for each of the main types of data in AWQMS

A List page for searching and identifying data of interest

- Criteria at the top of each page enables the user to filter the list of data.
- An “Add New” button allows you to create new records within the selected type of data.

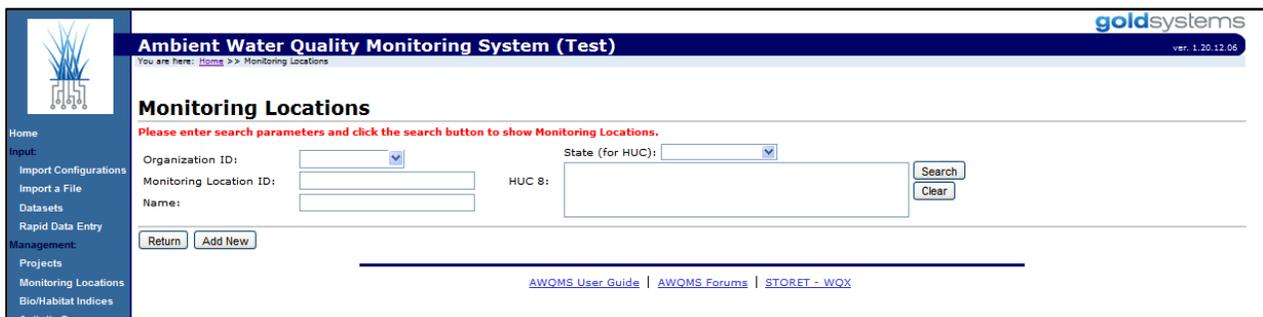
A Detail page for viewing and editing the specific record selected on the List page.

- Required fields are indicated by an asterisk to the right of the label.

3.1 Monitoring Location List page

This page is used to view a list of Monitoring Locations that have been entered or imported into the system and will allow you to navigate or “drill down” to the details for a specific existing Monitoring Location record or to navigate to a blank form for entering a new record for a Monitoring Location that has not yet been captured in the system.

Select the “Monitoring Locations” link under the “Management” header on the left sidebar navigation panel to open the Monitoring Location List page.



The screenshot shows the 'Monitoring Locations' page in the 'Ambient Water Quality Monitoring System (Test)'. The page has a blue header with the system name and version 'ver. 1.20.12.06'. A breadcrumb trail indicates the user is in 'Home >> Monitoring Locations'. The main content area is titled 'Monitoring Locations' and includes a red instruction: 'Please enter search parameters and click the search button to show Monitoring Locations.' Below this are search fields for 'Organization ID', 'Monitoring Location ID', 'Name', and 'HUC 8'. There is also a 'State (for HUC):' dropdown menu. Search and Clear buttons are on the right. At the bottom left are 'Return' and 'Add New' buttons. A footer contains links for 'AWQMS User Guide', 'AWQMS Forums', and 'STORET - WQX'. A sidebar on the left lists navigation options like 'Home', 'Import Configurations', 'Import a File', 'Datasets', 'Rapid Data Entry', 'Management', 'Projects', 'Monitoring Locations', and 'Bio/Habitat Indices'.

You will be able to filter the list, searching for Monitoring Locations, using the Organization ID, Monitoring Location ID, Name fields, and/or a HUC 8 selection box at the top of the screen and subsequently selecting the “Search” button on the far right-hand side of the filter fields. No field is required; you may search for everything by clearing all filters and selecting “Search”. Otherwise, you may fill in as many fields as you need.

The standard Organization ID used by Utah to store all the existing Monitoring Locations and results is “UTAHDWQ_WQX”. You may select this first from the Organization ID drop down list if you have rights to more than one Organization. Otherwise, you only have access to the “master” organization, UTAHDWQ_WQX and you do not necessarily need to select this from the list to search for Monitoring Locations.

To filter by HUC 8, first select “Utah” from the State (for HUC) drop down list. The HUC 8 Box below the drop down list will then populate with all the HUC 8 numbers and names that exist for Utah. Scroll down the list and select the HUC 8 and click “Search” to pull up all Monitoring

Locations assigned to that HUC 8. Hold the “Control” key down on your keyboard to select more than one HUC 8.

Entering the % sign in any search field indicates a “Wild card” search. For example, “499%” in the Monitoring Location ID field will search for a Location ID that begins in 499. Or, “%499%” will filter based on any Location ID that has 499 somewhere in the ID. Finally, “%499” will query for any Location ID that ends with 499. It may be used in the same way with the Name field.

Ambient Water Quality Monitoring System (Test)
 You are here: Home >> Monitoring Locations

Monitoring Locations

Organization ID: State (for HUC):

Monitoring Location ID: HUC 8:

Name:

Organization ID	Monitoring Location ID	Monitoring Location Name	Monitoring Location Type	Latitude	Longitude
UTAHDWQ_WQX	4990880	JORDAN R AT STATE CANAL ROAD XING	River/Stream	40.885861	-111.948972
UTAHDWQ_WQX	4990885	JORDAN RIVER APPROX.1500 FT. BL BURNHAM DAM	River/Stream	40.872139	-111.970056
UTAHDWQ_WQX	4990890	JORDAN R AB BURNHAM DAM AND STATE CANAL	River/Stream	40.870833	-111.963611
UTAHDWQ_WQX	4991800	JORDAN R 1000FT BL S DAVIS S WWTP	River/Stream	40.8450	-111.9525
UTAHDWQ_WQX	4991820	JORDAN R AT CUDAHY LANE AB S DAVIS S WWTP	River/Stream	40.841667	-111.95
UTAHDWQ_WQX	4991830	JORDAN R AT 26TH NORTH	River/Stream	40.841667	-111.95
UTAHDWQ_WQX	4991860	JORDAN R 1800 N XING REDWOOD RD BOG	River/Stream	40.8075	-111.938611
UTAHDWQ_WQX	4991880	JORDAN R AT 10th N XING	River/Stream	40.791389	-111.9350
UTAHDWQ_WQX	4991890	JORDAN R AT 500 N XING	River/Stream	40.780278	-111.937778
UTAHDWQ_WQX	4991900	JORDAN R. AT 300 N.	River/Stream	40.777444	-111.934583
UTAHDWQ_WQX	4991910	JORDAN R BL GADSBY PLANT 001 OUTFALL AT N TEMPLE	River/Stream	40.771667	-111.925278
UTAHDWQ_WQX	4991940	Jordan R @ 400 South	River/Stream	40.760444	-111.922389
UTAHDWQ_WQX	4992000	JORDAN R AB GADSBY PLANT 001 OUTFALL	River/Stream	40.769167	-111.925556
UTAHDWQ_WQX	4992010	JORDAN R AT 300 S	River/Stream	40.762778	-111.923750
UTAHDWQ_WQX	4992030	Jordan R @ 700 South	River/Stream	40.753750	-111.921583
UTAHDWQ_WQX	4992050	JORDAN R AT 800 S AB DRAIN OUTFALL	River/Stream	40.751389	-111.920556
UTAHDWQ_WQX	4992055	JORDAN R. at 900 S.	River/Stream	40.760556	-111.923611

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QC Monitoring Locations that were entered into BlueFish without latitude and longitude information are currently stored under and “Unknown” category. If you wish to view this placeholder, search “Unknown” in the Monitoring Location ID field.

Selecting a hyperlink in the Monitoring Location ID column will take you to the Monitoring Location Details Page for the specific Monitoring Location selected. From this page, click “Return” button at the bottom of the page to return to the Monitoring Location List page with you query and result list still displayed. [Refer to Section 3.2 to learn more about the Monitoring Location Detail page.](#)

Selecting a hyperlinked column header will sort the returned Monitoring Location results by that column first from small to large (or A to Z). If you click the same column header twice, the result list will sort by that column from large to small (or Z to A).

You may use the navigation buttons on the bottom right-hand side of the result list to display additional results, or navigate between result pages. These buttons will turn on or off based on what type of navigation is allowed. For example, on the first page of results you will not be allowed to select the “Prev”, or Previous Page, button as there is no previous page.

The Row count next to the navigation buttons provides a count of the total number of results returned based on your query.

The “Export to Excel” button at the bottom of the page enables you to download all of the results based on your query. Select “Export to Excel” and a File Download window will pop up. Select “Save” in this pop up window. The default Monitoring Location List page export name is “MonLocExport.csv”. A Save As window will open prompting you to navigate to where you want to save the file, and allowing you to edit the file name. Select “Save” once you are ready. A Download complete window will open prompting you to open the file or finish the export process. Click “Open” to open the file with Excel. The Export file will include the following information:

- Organization ID
- Monitoring Location UID
- Monitoring Location ID
- Name
- Description
- Monitoring Location Type
- County
- State
- Country
- HUC 8
- HUC 12
- Date Established
- Tribal Land?
- Tribal Land Name
- Township/Range/Section
- Latitude
- Longitude
- Horizontal Accuracy
- Horizontal Accuracy UoM
- Horizontal Reference Datum
- Horizontal Collection Method
- Source Map Scale
- Vertical Measure
- Vertical Measure UoM
- Vertical Reference Datum
- Vertical Collection Method
- Comments (ie. Ben. Uses)

You must select “Clear” to reset all the filter fields to blank when you wish to start a new query.

3.2 Monitoring Location Detail Page

This page is used to view and/or edit a specific Monitoring Location, add/delete Attached Binary Objects to/from a specific Monitoring Location, capture information about a new Monitoring location, or delete an existing Monitoring Location.



All of the fields related to Monitoring Locations are represented on the Monitoring Location Detail page. Required fields are indicated by an Asterisk (*).

The values in the State drop-down list will be based on the selected country.

The values in the County drop-down list will be based on the selected state.

The application computes and displays the degrees, minutes, and seconds (DMS) of latitude longitude from the decimal degrees and vice-versa. So you only need to populate one format or the other.

The Map Latitude/Longitude link allows you to view a topographical satellite map of the longitude/latitude coordinates for the selected Monitoring Location.

This screenshot shows the 'Alternate IDs' section of the application. It features a table with two columns: 'ID' and 'Context'. Below the table is a 'Remove' button. The section is titled 'Alternate IDs: Add' and includes a 'Remove' link. Below the table, there is a section for 'Attached Objects' with a 'Winter.jpg' link and a 'Remove' button. At the bottom, there are fields for 'Created By' (01-01-0001 12:00:00 AM) and 'Last Modified By' (04-07-2009 04:29:32 PM), along with 'Return', 'Save', 'Cancel', and 'Delete' buttons. A footer contains links for 'User Guide (WQX Web)', 'STORET - WQX', and 'STORET User Assistance'.

The page has a sub-section for maintaining a list of alternate identifiers for the monitoring location. Utah does not have alternate identifiers in the database at this time.

This screenshot shows the 'Attached Objects' section of the application. It features a 'Winter.jpg' link and a 'Remove' button. Below this is a text input field with a 'Browse...' button and an 'Upload' button. The section is titled 'Attached Objects: Add'. At the bottom, there are fields for 'Created By' (01-01-0001 12:00:00 AM) and 'Last Modified By' (Andy Van den Akker 04-16-2009 04:40:48 PM), along with 'Return', 'Save', 'Cancel', and 'Delete' buttons.

“Attached Objects” allows you to view a stored attachment. Attachments could include photos of the sampling location or a PDF containing contact and access information.

Click “Return” at the bottom of the page to navigate back to the Monitoring Location List page. If you chose to click the “Monitoring Locations” link on the left sidebar navigation panel from the Monitoring Location Detail page, you will be navigated back to the Monitoring Location List page as well.