

SWIMS USER GUIDE – FISHERIES USERS

In general, Fisheries staff use SWIMS to create new stations for monitoring/survey work, document fish kills, and to document stocking event locations. To reduce the incidence of “station stacking” (several SWIMS stations in close proximity to each other), it is highly advisable to search for existing stations prior to creating a new fisheries station. The following instructions document how to search for existing Fisheries stations in SWIMS. If you know that the survey you want to enter took place at an established SWIMS station, please just use the FMDB to search for that station and enter a new survey.

Find Fisheries Monitoring Stations in SWIMS

Simple Searches

Simple searches include searching by one or more of the following categories: SWIMS Station ID, SWIMS Station Name(s), WBIC – Waterbody Identification Code, Waterbody Name, and/ or County.

Step 1: Navigate to “**Stations**” tab

Wisconsin Department of Natural Resources
Surface Water Integrated Monitoring System (SWIMS) Welcome TATE, LORI S | Updates | Help | Log Off

My Projects Find Data Submit Data Stations Forms Reports, Maps, and Documents Manage Data Establish New Monitoring Station Find Monitoring Station (All Search Options)

Search Stations More Monitoring Station Search Options

Station ID
Station Name
WBIC
Official Waterbody Name
County

Submit Reset

Stations

- Beaver Creek Tributary at Ush 10 (map)
- Beaver Creek at CTH 88 (map)
- Beaver Creek at Millcreek Dr. (map)
- Beaver Creek at STH 13 (map)
- Cat Creek - Hwy 13 (map)
- Cat Creek upstream Bower Rd (map)
- East Br Yellow River along Mann St. W (map)
- East Branch Yellow River at Wren Rd (map)
- East Branch Yellow River at Wren Road (map)
- Owl Creek - Owl Creek (map)

Next

Menomonee River

Currently, you are logged in.
For security purposes, you will be logged off automatically after 15 minutes of inactivity, or you can log out now.

Step 2: Enter Information

Enter in a Station ID (this is the SWIMS Station ID, not our FMDB Station ID), Station Name, WBIC or Waterbody name and/or County and click “**Submit**”.

All Search Option

Click on the “[Find Monitoring Station \(All Search Options\)](#)” link (highlighted in previous image).

The screenshot shows the SWIMS search interface. At the top, it says 'Wisconsin Department of Natural Resources' and 'Surface Water Integrated Monitoring System (SWIMS)'. The user is logged in as 'TATE, LORI S'. The search type 'Advanced Search' is selected in a dropdown menu. The search form includes fields for Station ID, Station Name, Station Type, Station Status, WBIC, Official Waterbody Name, Requester Name, County, Watershed, GMU, WMU, HUC, Eco Region, Stream Order, Natural Community, Temperature Class, Spatial Type, Alternate Source, Alternate Station Id, Alternate Station Name, and Project. There are buttons for 'Submit Query', 'Reset', and 'Search Projects'.

Click the arrow on the “[Search Type](#)” box for the drop-down menu. Select the type of search by: Station, Waterbody, County, Watershed, GMU, WMU, HUC, Eco Region, Stream Order, Alternate Source (*see next section*), or Advanced Search. Enter search parameters. **TIP:** Find Great Lakes by Station Name. WBIC and other location information are not always available for Great Lakes stations.

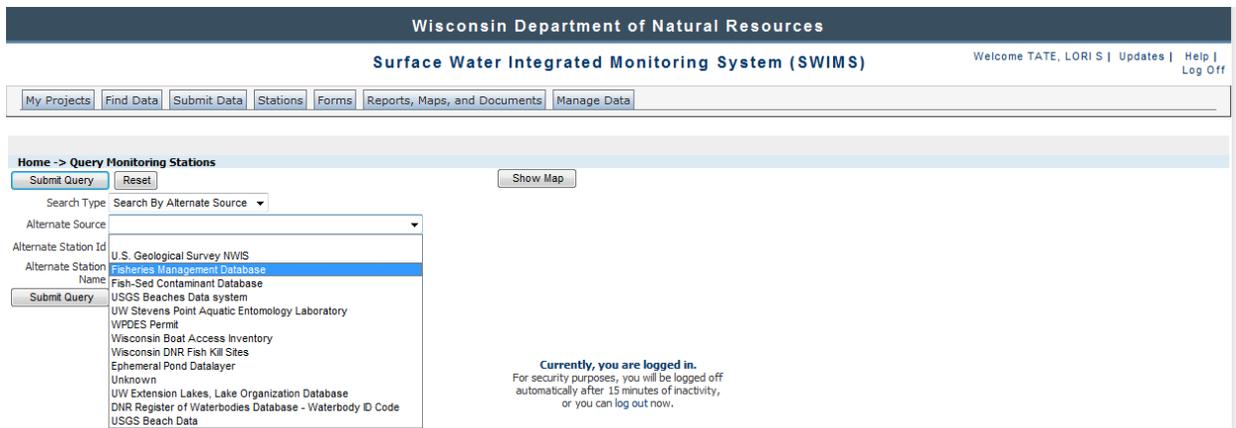
Alternate Source Options - Fish Monitoring Stations

The “[Search by Alternate Source](#)” searches for monitoring stations in these other databases: U.S. Geological Survey NWIS, Fisheries Management Database (WDNR), Fish Contaminant System (WDNR) USGS Beaches Data System, UW Stevens Point Aquatic Entomology Laboratory, WPDES Permit, Wisconsin Boat Access Inventory, Wisconsin DNR Fish Kill Sites, Ephemeral Pond Datalayer, UW Extension Lakes Organization Database, and the DNR Register of Waterbodies Database.



Search “Alternate Source” for Fish Monitoring Stations:

Select the “Fisheries Management Database” option to find Fish Monitoring Stations. Type in the Alternate Station ID number (FMDB Station ID) or Alternate Station Name (FMDB Station Name) to refine your search. **NOTE:** If you click on the “[Fisheries Management Database](#)” option without additional information, all 12,000 stations in SWIMS with a cross-referenced fisheries identifier will be returned. Type in the alternate station name or alternate station identification number to narrow your search.



Step 3: Click on the “[Submit Query](#)” button.

The [Submit Query](#) function returns you to a set of search results (stations) in the browse screen that matches your query. In this example, a station was searched by Waterbody Name: Mekan River. A list of monitoring stations matching this variable was returned. To view station details, including a map of the site, click on the “[magnifying glass](#)” icon. **NOTE:** Using this type of “[Alternate Source](#)” search will return only stations that already have existing fisheries station IDs/surveys associated with them (see [image below](#)).

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New Search Add

Link to FM	Station ID	Station Name	Fisheries Station ID	Fisheries Station Name	Station Type	WBIC	Official Waterbody Name	Station Status	Feat. Type	Replaced?	Replaced By	Last Updated
	10038885	Mecan River HWY 21 Upstream	68201103	Mecan River HWY 21 Upstream	RIVER, STREAM	155000	Mecan River	Active, Usable.	POINT	No	0	06/11/2013
	10029345	MECAN RIVER at CTH B	26066762	MECAN RIVER CTY HWY B	RIVER, STREAM	155000	Mecan River	Active, Usable.	POINT	No	0	03/11/2013
	10029334	Mecan River - Miller Property	26064134	Mecan River - Miller Property	RIVER, STREAM	155000	Mecan River	Active, Usable.	POINT	No	0	06/21/2012
	10029370	MECAN RIVER DS of CUMBERLAND RD	26119565	MECAN RIVER AT CUMBERLAND RD DOWNSTREAM	RIVER, STREAM	155000	Mecan River	Active, Usable.	POINT	No	0	06/21/2012
	10029369	MECAN RIVER AT DIXIE AVE UPSTREAM	26119543	MECAN RIVER AT DIXIE AVE UPSTREAM	RIVER, STREAM	155000	Mecan River	Active, Usable.	POINT	No	0	06/14/2012
	10030495	Mecan River downstream of HWY 23 bridge	30171382	Mecan River downstream of HWY 23 bridge	RIVER, STREAM-LEAST IMPACT	155000	Mecan River	Active, Usable.	POINT	No	0	06/14/2012
	10029339	MECAN RIVER AT 14TH AVE	26066591	MECAN RIVER AT 14TH AVE	RIVER, STREAM	155000	Mecan River	Active, Usable.	POINT	No	0	03/29/2012
	10034799	Mecan River ~600ft S of Cty Rd GG	53506615	Mecan River at Cty Rd GG	RIVER, STREAM	155000	Mecan River	Active, Usable.	POINT	No	0	12/19/2011
	10033877	Mecan River downstream of 9th	47344388	Mecan River downstream of 9th	RIVER, STREAM	155000	Mecan River	Active, Usable.	POINT	No	0	12/07/2011
	10028746	Mecan River At Dover Avenue	22978989	Mecan River At Dover Avenue	RIVER, STREAM	155000	Mecan River	Active, Usable.	POINT	No	0	06/12/2008
	10022003	Mecan River Hwy 21 Downstream Annual Site	137379	MECAN RIVER HWY 21 DOWNSTREAM ANNUAL SITE	RIVER, STREAM	155000	Mecan River	Active, Usable.	POINT	No	0	06/12/2008
	393005	Mecan River - A Ch C East Of Montello	6765	Mecan River - A Ch C East Of Montello	RIVER, STREAM	155000	Mecan River	Active, Usable.	POINT	No	0	02/13/2006

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Cross-Referencing the Fisheries Management Database

Click on the “Station Details” link to see if there is a cross-referenced Fisheries Station. In this example, there are several different fisheries stations already existing on the Mecan River. You can select one of these either by station name, or using the “magnifying glass” to see where on the River the station is located. There are also other stations on the Mecan River that are NOT already set up as fisheries stations (i.e. those that have “NA” in the Fisheries Station ID field below). If you want to use one of these stations as a fisheries survey station, you simply click on the “fish icon” for that record. **PLEASE NOTE** - Pushing the fish icon button does two things: 1) “pushes” the SWIMS station information to the FMDB, automatically generating a Fisheries Station ID for that particular SWIMS station (if one did not already exist), and 2) triggers a popup window where you can click a link to enter fisheries survey/habitat data or fish kill data for that station. NOTE: **IF** the fish icon had been pushed for this station in the past, pushing the fish icon will not create a new FMDB site number for that station, but it WILL re-send all of the intersecting data for that station (county, HUC, HYDROID, etc) to the FMDB.

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New Search Add

Show 100 entries

Link to FM	Station ID	Station Name	Fisheries Station ID	Fisheries Station Name	Station Type	WBIC	Official Waterbody Name	Station Status	Feat. Type	Replaced?	Replaced By	Last Updated
	10038885	Mecan River HWY 21 Upstream	68201103	Mecan River HWY 21 Upstream	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	06/11/2013
	10029345	MECAN RIVER at CTH B	26066762	MECAN RIVER CTY HWY B	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	03/11/2013
	10039719	Mecan River 800ft US Chaffee Creek confluence	NA	NA	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	03/09/2013
	10039722	Mecan River 0.5mi SE of CTH N and Eagle Rd	NA	NA	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	02/20/2013
	10039319	Mecan River at Cumberland Rd	NA	NA	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	01/14/2013
	10029334	Mecan River - Miller Property	26064134	Mecan River - Miller Property	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	06/21/2012
	10029370	MECAN RIVER DS of CUMBERLAND RD	26119565	MECAN RIVER AT CUMBERLAND RD DOWNSTREAM	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	06/21/2012
	10029369	MECAN RIVER AT DIXIE AVE UPSTREAM	26119543	MECAN RIVER AT DIXIE AVE UPSTREAM	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	06/14/2012
	10030495	Mecan River downstream of HWY 23 bridge	30171382	Mecan River downstream of HWY 23 bridge	RIVER, STREAM-LEAST IMPACT	155000	Mecan River	Active, Usable	POINT	No	0	06/14/2012
	10029339	MECAN RIVER AT 14TH AVE	26066591	MECAN RIVER AT 14TH AVE	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	03/29/2012
	10036066	Mecan River - Area of Open Water	NA	NA	RIVER, STREAM	155000	Mecan River	Active, Usable	AREA	No	0	02/10/2012
	10036139	Mecan River - Area of Open Water	NA	NA	RIVER, STREAM	155000	Mecan River	Active, Usable	AREA	No	0	02/10/2012
	10035577	Mecan River - Area of Open Water	NA	NA	RIVER, STREAM	155000	Mecan River	Active, Usable	AREA	No	0	02/10/2012
	10036456	Mecan River - Area of Open Water	NA	NA	RIVER, STREAM	155000	Mecan River	Active, Usable	AREA	No	0	02/10/2012
	10036356	Mecan River - Area of Open Water	NA	NA	RIVER, STREAM	155000	Mecan River	Active, Usable	AREA	No	0	02/10/2012
	10036296	Mecan River - Area of Open Water	NA	NA	RIVER, STREAM	155000	Mecan River	Active, Usable	AREA	No	0	02/10/2012
	10036217	Mecan River - Area of Open Water	NA	NA	RIVER, STREAM	155000	Mecan River	Active, Usable	AREA	No	0	02/10/2012
	10034799	Mecan River ~600ft S of Cty Rd GG	53506615	Mecan River at Cty Rd GG	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	12/19/2011
	10033877	Mecan River downstream of 9th	47344388	Mecan River downstream of 9th	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	12/07/2011
	10022003	Mecan River Hwy 21 Downstream Annual Site	137379	MECAN RIVER HWY 21 DOWNSTREAM ANNUAL SITE	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	06/12/2008
	10028746	Mecan River At Dover Avenue	22978989	Mecan River At Dover Avenue	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	06/12/2008
	10020692	Mecan River At 100 Yrds South Of W9853 Cypress Rd, West Of Cty Y	NA	NA	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	06/12/2008
	10010707	Mecan River - 11th Rd Ibi Station 2	128226	11TH RD IBI STATION 2	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	03/08/2006
	10010709	Mecan River - Cth Y Ibi Station 1	128228	CTH Y IBI STATION 1	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	03/08/2006
	10010706	Mecan River - 9th Avenue Ibi Station 3	128224	9TH AVENUE IBI STATION 3	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	03/08/2006
	393005	Mecan River - A Cth C East Of Montello	6765	Mecan River - A Cth C East Of Montello	RIVER, STREAM	155000	Mecan River	Active, Usable	POINT	No	0	02/13/2006
	10007430	Mecan Springs	122728	MECAN SPRINGS_GENERAL LAKE STATION	SPRING	158600	Mecan Springs	Active, Usable	AREA	No	0	12/08/2005

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If there are no SWIMS stations on the waterbody at the location that you want to survey, then you can create a new station.

Creating a New Station in SWIMS/FMDB

Please see the attached instructions on how to create a new monitoring or fish kill station in SWIMS.

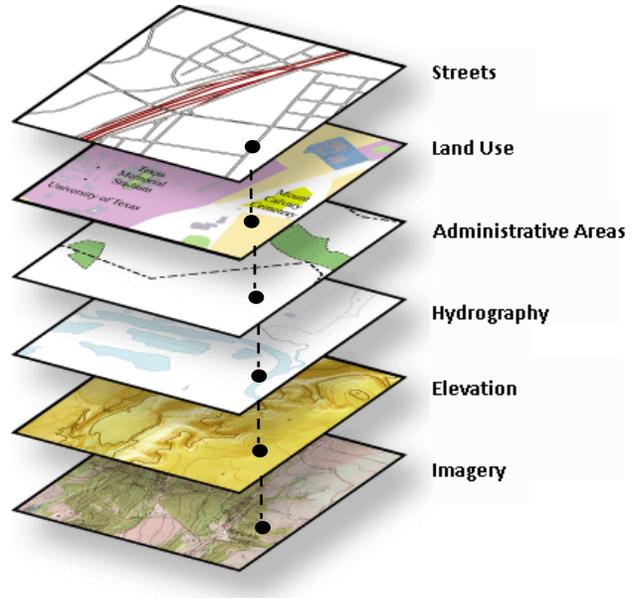
Once you have created your new station, it is **very important** that you then push the

BLUE FISH ICON

associated with that station to connect that station and all of its intersected information to the Fisheries Management Database. To understand intersection data, think of layers of information in a GIS sense:

When you place a point on the map in SWIMS, that point intersects with all of the other data layers contained in the SWIMS environment. When you push the blue fish icon, all of that “intersected” information is sent to the FMDB.

When you push the fish icon, you will be prompted to enter your FMDB username and password. Once you enter that information, the following screen will appear, showing you the information that has been passed to the FMDB. This is not an exhaustive list; other parameters are also sent to the FMDB by this process, but only those that will help you to confirm the location of the station are shown at this stage:



Station Information

Site Seq	125556
County Name	ST. CROIX
Wbic	2055000
Row Official Wb Name	EAU GALLE RIVER
Station Name	Eau Galle 22- Tractor Crossing 100ft South Of Intersection 270st And 40ave
Gps Reading Date	26-AUG-98
Latitude	44.9181946
Longitude	-92.2678259
Latlong Method	SWIMS
Latlong Datum	1991 ADJUSTMENT OF NAD 83
Site Township Num	28
Site Township Dir	NORTH
Site Range Num	16
Site Range Dir	WEST
Site Section Num	12
Site Q Section	SE
Site Qq Section	SW
Data Entry Name	michaw

The first row is the “Site Seq” (site sequence number) which corresponds to the unique FMDB station number. From this screen, you can select from two options to connect to the FMDB to begin data entry for this station:

[Click here to enter a fish or habitat survey at this station](#)

[Click here enter a fish kill at this station](#)

Clicking on either of these links will take you to the FMDB data entry screens.