Downloading Data from SWIMS

1. Go to: https://dnrx.wisconsin.gov/swims and log into SWIMS

Wisconsin Depa	rtment of Natural Resources				
Surface Water Integr	rated Monitoring System (SWIMS)				
Welcome to SWIHS The Surface Water Integrated Monitoring System (SWIMS) is a new water division data system designed to ensure that staff and management have access	Enter your User ID and Password to sign in User ID Password Sign in				
to high quarty surface water, sediment and aquatic invasives data in an accessible format.	DNR Staff: Log in with your Oracle ID and Password				
For more information or to obtain access, please contact:	Volunteers and Others:				
SWITHS File Managers: Jennifer Fibert: Lakes	Our log-in screen has changed. Log in with your Wisconsin User ID and Password above. Forgot your password?				
Lisa Helmuth: Rivers, Sediment	Get a Wisconsin User ID and Password				
Water Division Wisconsin Department of Natural Resources					
SWIMS Intranet Homepage (DNR staff)					
The Official Internet site for the Wisconsin Department of Natural Resources Int. W. gov					
Wisconsin D Surface Water In My Projects Find Data Submit Data Stations Forms Reports, Maps, and Documer	Department of Natural Resources tegrated Monitoring System (SWIMS) ^W				
Find Data					
Monitoring Data Monitoring data from the State Lab of Hygiene, the field, and from other labs.	Reports View reports available in the SWIMS system.				
Search Fieldwork Events Search Results Worktable Data (Fieldwork With Problems) Search mentoring data from the State Lab of Hygiene and from other labs that is in our Work Tables. This is often due to a lack of a monitoring station (on the lab slip).	Fisheries Reports Macroinvertebrate Fieldwork Summary Macroinvertebrate Fieldwork Detail Chemistry Graphs by Project Project Status Fieldwork Summary TSI Summary by Station and Year				
Monitoring Stations Search and select a monitoring station.	Resources of Interest Resources of Interest are areas of special resource significance.				
Projects describe the "why" behind monitoring data, a resource of interest, or an action. Grants	Critical Habitat Areas Eurasian Water-Milfol Infestations				
Grants are a particular type or project. This specialized search for the answer answer customized searching of River Grants, Monpoint Source Grants and Lake Grants. SWIMS Digital Library Search reports, photos, studies. Hint: Keyword or WBIC search returns data faster. Find:	Upland protection areas High Quality Wetlands Sediment Inventory Sites Sturgeon Waters Walleye Waters Wild Rice Waters Zebra Mussel Infestations				
Sensitive Area Designations Surface Water Inventories Use Designation Files Runoff Final Reports Lake Grant Final Reports and more	Hethods Methods are any set of procedures used to collect monitoring data. Equipment Find equipment associated with methods and monitoring.				
	Parameter Codes Find parameter codes.				
	Parameter Groups Find parameter groups.				

Lab Account Codes Find lab account codes.

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.

- 3. Select:
 - a. **Search Fieldwork Events** Search when you are looking for more information on the field event, including data collector and results.
 - b. **Search Results** Easy search when you're just looking for a single parameter (example, Total Phosphorus data).
- 4. For either Fieldwork Events or Results, be sure to select project you are interested in (example, Volunteers Monitoring Phosphorus Milwaukee Estuary AOC)

Search Type	Search By Station	•		
Fieldwork Start Date	From:	Select Date	То:	Select D
Fieldwork Event Status	-			
Station ID				
Primary Station Name				
Station Type			•	
Alternate Source			•	
Alternate Station ID				
Alternate Station Name				
Station WBIC				
Station Waterbody Name				
County	•			
Region	•			
Watershed		-	•]	
GMU		•		
WMU		~		
HUC		•		
Eco Region		-		
Stream Order				
Primary Lab ID				
Sample/Labslip ID				
Lab Account Code				
Field #				
Collector (last name)				
Project		Search Projects		
DNR Parameter		Search for Parameter		
Source Media		-		
e Key (fieldwork_seq_no)				

Fieldwork Events Search page:

Results Search page:

	Surface Water Integrated Monitoring
My Projects Find D	ata Submit Data Stations Forms Reports, Mans. and Documents
Home -> Query Sample	e Results
Submit Reset	
DNR Parameter	Search for Parameter
Parameter Type	▼
Parameter Group	▼
Result Date	- From: Select Date To: Select Date
Station ID	
Primary Station Name	
Station WBIC	
Station Waterbody Name	
County	▼
Region	•
Watershed	•
WMU	v
HUC	▼
Eco Region	
Stream Order	
Field #	
Primary Lab ID	
Sample/Labslip ID	
Collector (Labslip)	
Lab Account Code	
Project	Search Projects
Submit Reset	

5. Once your search returns the data, click **Download** at the bottom left (sometimes it shows up closer to the middle depending on the web browser you use.)

	GLU21	Milwaukee Estuary AOC (CAP_4_2011)	Joe Kath	SCHEDULED	10028908	at Division Road	21300	Cedar Creek	07/31/2013
Q	GL021	Volunteer Monitoring of Phosphorus - Milwaukee Estuary AOC (CAP_4_2011)	Joe Rath	SCHEDULED	10037439	Kinnickinnic River (Lyons Park Creek) at Lyons Park near intersection 57th and Holt	15100	Kinnickinnic River	07/31/2013
Q	GL021	Volunteer Monitoring of Phosphorus - Milwaukee Estuary AOC (CAP_4_2011)	Joe Rath	SCHEDULED	413737	Lincoln Creek at 56th and Lincoln Dr	19400	Lincoln Creek	07/31/2013
م	GL021	Volunteer Monitoring of Phosphorus - Milwaukee Estuary AOC (CAP_4_2011)	Joe Rath	SCHEDULED	673124	Quas Creek at Decorah Rd, At West Bend, WI	34900	Quas Creek	07/31/2013
Q	GL021	Volunteer Monitoring of Phosphorus - Milwaukee Estuary AOC (CAP_4_2011)	Joe Rath	SCHEDULED	10031613	Underwood Creek at Gravel Sholes Park	16700	Underwood Creek	07/31/2013
Q	GL021	Volunteer Monitoring of Phosphorus - Milwaukee Estuary AOC (CAP_4_2011)	Joe Rath	SCHEDULED	10037441	Beaver Creek at N 60th St	20000	Unnamed	07/31/2013
ρ	GL021	Volunteer Monitoring of Phosphorus - Milwaukee Estuary AOC (CAP_4_2011)	Joe Rath	SCHEDULED	10028908	Cedar Creek at Division Road	21300	Cedar Creek	07/31/2013
م	GL021	Volunteer Monitoring of Phosphorus - Milwaukee Estuary AOC (CAP_4_2011)	Joe Rath	SCHEDULED	10037439	Kinnickinnic River (Lyons Park Creek) at Lyons Park near intersection 57th and Holt	15100	Kinnickinnic River	07/31/2013
Showing 1 to 10 of 877 entri	ries							First Previous 1 2 3	4 5 Next Last
Download	Download								
				Currently, you are logged in. For security purposes, you will be logo	ed off				

6. Check the box with the metadata you would like to include in your download (example, latitude/longitude)

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Fieldevents Download – Click on Add level of detail drop down menu to select more metadata options.

Results Download

				Surface	Water	Integrate
My Projects Find Dat	a Submit Data	Stations	Forms	Reports, Maps,	and Docum	nents
Download SWIMS Data						
Fieldwork Events						
Database Key						
Fieldwork Start	V					
Fieldwork End	V					
Project(s)	V					
Lab Account Code						
Data Collector(s)	V					
Status	V					
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Station Type						
WBIC	V					
Waterbody Name						
Monitoring Location Latitude	V					
Monitoring Location Longitude	V					
Field Description						
Report To						
Report To EPA						
Observer Comments						
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Add level of detail:	<no detail=""></no>					
Download the Data						

- 7. Click Download the Data. An Excel spreadsheet will open with your results.
- 8. Parameters codes of interest:
 - a. Dissolved Oxygen mg/l 300
 - b. Dissolved Oxygen % Saturation 301
 - c. pH 400
 - d. Transparency Tube 1 61190
 - e. Transparency Tube 2 90006
 - f. Temperature 10 (note, this is the same parameter code for both continuous and instantaneous. Hourly temp may be too large to download and may need to narrow search to one field station or shorter time frame)
 - g. Maximum daily temperature 80006 (calculated from continuous temperature)
 - h. Conductivity 94
 - i. Chloride 940 (note, if water sample is too turbid to run, the lab may filter it. If this happens, the result may be located under dissolved chloride 941)
 - j. Total phosphorus 665

Contact Christina Anderson with any questions. <u>Christina.anderson@wisconsin.gov</u>

TIPS:

check your data to be sure the full download was complete (CA having issues lately)