

Well Registry Management Application: User Documentation

Authentication

- Non-USGS employees will have to e-mail the gwdp_help@usgs.gov address and request an account for the application

Adding a New Site

Enter the site information manually through the "Add a Site" tab

- After you click on the "Add a Well" tab, you will come to a web form that contains all of the basic information about the well.

Add / Edit Site Information Cancel Submit

Agency Display Site? No Yes

Site No

Site Name

State

County

Latitude (decimal degrees)

Longitude (Decimal Degrees)

Horizontal Datum

Altitude

Altitude Units

Altitude Datum

Well Depth

Well Depth Units

National Aquifer

Local Aquifer Name

Site Type

Aquifer Type

In WL Sub-Network?

WL Network Name

WL Baseline?

WL Well Type

WL Well Characteristics

WL Well Purpose

WL Well Purpose Notes

In QW Sub-Network?

QW Network Name

QW Baseline?

QW Well Type

QW Well Characteristics

QW Well Purpose

QW Well Purpose Notes

Link

[Date Record Created](#)
[Insert User](#)
[Date Last Updated](#)
[Last Update User](#)

Return to Main Menu Reset

- If you have previously entered data for a site or edited a site's information, the form may already be populated with data. You can use the 'Reset' button to clear the form to start entering a new site.
- The 'Display Site?' field dictates which sites will be displayed on the portal (only those marked 'Yes'). The default for this field is 'No' and it can only be changed to 'Yes' when all required fields are populated.
- The site number must be unique for all sites associated with an agency.
- NOTE: When data is hooked-up for the site, this same site number will need to be used for the web services providing the data so consider this when entering site numbers
- If the agency you are looking for is not in the drop down list, please place a request via gwdp_help@usgs.gov
- You may add a link for each site to a cooperator's website for additional information about the site in the 'link' field.
- For definitions for each of these fields and for information on the classification system see the "Well Registry Guidance Document"
[https://cida.usgs.gov/gw_data_portal/doc/Well_Registry_Guidance.pdf]
- The fields marked with the '●' are required (agency_cd, site_no, latitude, longitude, horizontal datum, national aquifer designation, etc...) and must not be left empty. You will be required to fill these in before submission.
- In addition to the required fields you will not be able to set the 'Display Site?' flag to 'Yes' until the WL Baseline, WL/QW Type, WL/QW Well Characteristics and WL/QW Well Purpose fields, National Aquifer, Site Type and Aquifer Characteristics have been filled out.
- Once you have completed the form click the 'Submit' button to save your record.
- The 'Cancel' button will take you back to the well registry report.
- The 'Return to Main Menu' button will take you back to the main page.
- The 'Reset' button will clear the form.

View Well Registry

- To view the well registry click on the "View Well Registry" tab.

NGWMN Well Registry															
Agency		National Aquifer		State		Display Flag		All		Add a New Site		Cancel			
row(s) 1 - 15 of 821 Next															
NGWMN Site ID	Display Site?	Agency CD	Agency Name	Site No	Site Name	State	County	National Aquifer	Local Aquifer	Site Type	Aquifer Type	Latitude	Longitude	Datum CD	Altitude
MBMG:3533	Yes	MBMG	Montana Bureau of Mines and Geology	3533	MBMG RESEARCH WELL 85-17A	MONTANA	ROOSEVELT	Sand and gravel aquifers (glaciated regions)	112OTSH, GLACIAL OUTWASH (PLEISTOCENE)	WELL		48.21579	-105.03977	NAD83	2065
MBMG:4297	Yes	MBMG	Montana Bureau of Mines and Geology	4297	MBMG RESEARCH WELL * GWQQC-17	MONTANA	DANIELS	Lower Tertiary aquifers	125FRUN, FORT UNION FORMATION	WELL		48.95422	-105.51967	NAD83	2705
MBMG:1575	Yes	MBMG	Montana Bureau of Mines and Geology	1575	BM-01B (MBMG)	MONTANA	MUSSELSHELL	Lower Tertiary aquifers	125MMCB, MAMMOTH COAL OF THE FT UNION FM.	WELL		46.35916508	-108.4411843	NAD83	3830
MBMG:1845	Yes	MBMG	Montana Bureau of Mines and Geology	1845	USGS TERRY 1C	MONTANA	PRAIRIE	Lower Tertiary aquifers	125TLCK, TULLOCK MEMBER (OF FT UNION FM.)	WELL		46.84068	-105.31938	NAD83	2343
MBMG:1846	Yes	MBMG	Montana Bureau of Mines and Geology	1846	USGS TERRY 1A	MONTANA	PRAIRIE	Upper Cretaceous aquifers	211FHHC, FOX HILLS-HELL CREEK AQUIFER	WELL		46.84081	-105.31886	NAD83	2341
MBMG:2031	Yes	MBMG	Montana Bureau of Mines and Geology	2031	FRESER MIKE	MONTANA	FERGUS	Lower Cretaceous aquifers	217FCCK, FIRST CAT CREEK SANDSTONE (BASE OF COLORADO GP)	WELL		47.11639451	-109.5088417	NAD83	3761
MBMG:2061	Yes	MBMG	Montana Bureau of Mines and Geology	2061	BURLINGTON NORTHERN * BNTC-801	MONTANA	GARFIELD	Upper Cretaceous aquifers	211FHHC, FOX HILLS-HELL CREEK AQUIFER	WELL		47.1195	-106.10447	NAD83	2645
MBMG:2315	Yes	MBMG	Montana Bureau of Mines and Geology	2315	TOWN OF BELT 1978 EAST WELL	MONTANA	CASCADE	Paleozoic aquifers	330MDSN, MADISON GROUP OR LIMESTONE	WELL		47.38379	-110.92347	NAD83	3515
MBMG:2394	Yes	MBMG	Montana Bureau of Mines and Geology	2394	HARPER ROBERT (TODD)	MONTANA	CASCADE	Paleozoic aquifers	330MDSN, MADISON GROUP OR LIMESTONE	WELL		47.524058	-111.413006	NAD83	3330
MBMG:2526	Yes	MBMG	Montana Bureau of Mines and Geology	2526	DEPT FISH WILDLIFE AND PARKS * KUNESH WELL	MONTANA	CASCADE	Paleozoic aquifers	217KOTN, KOOTENAI FORMATION	WELL		47.53273278	-111.2311984	NAD83	3280.22

- You may then filter the sites by Agency, National Aquifer, State, County (after you have selected a state), and the Display flag.
- The window below the selection criteria shows 15 sites at a time. Use the pull-down window or the 'Next' / 'Previous' actions located below the selection criteria to move through the list of sites.
- The sites within the list can be sorted by any of the columns by clicking on the column heading. This will sort the sites in ascending order on that column. Click the column header again to sort on descending order.
- You can save a .csv file of the selected sites to your computer by clicking on the link below the list of sites.

USGS:393104075122201	Yes	USGS	U.S. Geological Survey (National Water Information System)	393104075122201	110692--Ag06 Rutgers 1S Obs	NEW JERSEY	Northern Atlantic Coastal Plain aquifer system	Cohansey Sand-Kirkwood Formation	39.51625	-	75.205305
USGS:392558075051901	Yes	USGS	U.S. Geological Survey (National Water Information System)	392558075051901	110925--Und02	NEW JERSEY	Northern Atlantic Coastal Plain aquifer system	Cohansey Sand-Kirkwood Formation	39.4291388888889	-	75.085472
USGS:392715075173101	Yes	USGS	U.S. Geological Survey (National Water Information System)	392715075173101	111127--Shiloh PW9	NEW JERSEY	Northern Atlantic Coastal Plain aquifer system	Cohansey Sand-Kirkwood Formation	39.4542810221827	-	75.291579

[Export CSV](#)

Edit a Record

- To edit a site click on its 'NGWMN Site ID' number
- You will be taken to a form, where you can make the necessary changes to any well registry fields.

Add / Edit Site Information Cancel Delete Apply Changes

Agency Montana Bureau of Mines and Geology Display Site? Yes

Site No 3533

Site Name MBMG RESEARCH WELL 85-17A

State MONTANA

County ROOSEVELT

Latitude (decimal degrees) 48.21579

Longitude (Decimal Degrees) -105.03977

Horizontal Datum NAD83

Altitude 2065

Altitude Units ft

Altitude Datum NGVD29

Well Depth 30

Well Depth Units ft

National Aquifer Sand and gravel aquifers (glaciated regions)

Local Aquifer Name 112OTSH, GLACIAL OUTWASH

Site Type -

Aquifer Type -

In WL Sub-Network? Yes

WL Network Name MONTANA GWIC

WL Baseline? Yes

WL Well Type Trend

WL Well Characteristics Background

WL Well Purpose Dedicated Monitoring/Observation

WL Well Purpose Notes Well monitors background water levels in a buried channel glacial aquifer in northeast Montana.

In QW Sub-Network? Yes

QW Network Name MONTANA GWIC

QW Baseline? No

QW Well Type Surveillance

QW Well Characteristics Background

QW Well Purpose Dedicated Monitoring/Observation

QW Well Purpose Notes

Link <http://mbmgwic.mtech.edu/sqlserver/v11/data/dataGeographic.asp?pagename=byid&report=visitbyid&gwicid=3533&replink=ON&Submit1=Retrieve>

Date Record Created 28-NOV-11

Insert User

Date Last Updated 13-APR-15

Last Update User mccullou

Return to Main Menu Reset

- Once you are done updating the Registry fields, click 'Apply Changes'.
- You will only be able to set the Display field to 'Yes' if all the required fields are populated.

1 error has occurred
 • The aquifer type must have some value. ([Go to error](#))

Add / Edit Site Information

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Date Record Created 28-NOV-11

Insert User

Date Last Updated 13-APR-15

Last Update User jlucido

- The 'Delete' button will delete the site from the well registry all together, make sure that this is really what you want to do before clicking this button as it is a permanent action.
- The 'Cancel' button will take you back to the 'View Well Registry' page.
- The 'Return to Main Menu' button will take you back to the main page.
- The 'Reset' button will clear the form.

Required Fields

- Certain fields are required to be populated regardless of sub-network before sites in the National Ground-Water Monitoring Network can be displayed in the Network.
- These are: Agency, Site No, State, County, Latitude, Longitude, Horizontal Datum, Site Type, Aquifer Characteristic, and National Aquifer.