

Locating Wells Using Cell Phone GPS App

Download the My GPS Coordinates Application to your Cellular Phone

1. Go to your cellular phone app store (or the MDH app store if using an MDH phone)
2. Search “My GPS Coordinates” and select the purple “My GPS Coordinates” app



3. Download to phone

Locate the Well Using My GPS Coordinates Application

1. Open “My GPS Coordinates” app
2. Latitude and Longitude will automatically be displayed. It is recommended that you verify an accuracy of 82 feet (25 meters) or less
3. Click on the email icon (envelope) and an email with your GPS location will generate. Input the following email address (Health.GIS@state.mn.us) for GIS MNIT Support
4. In subject line, delete “My Location” and type “Request Waypoint File”
5. In the body of the email, include the following information:
 - a. Public Water Supply Name and PWSID#
 - b. Classify the well as one of the following: 1) a newly constructed well, 2) an existing well without GPS coordinates, or 3) an existing well requiring a GPS location change (must be a distance greater than or equal to 10 feet)
 - c. Unique well number
 - d. Source number (i.e., Well #1)
6. A JIRA ticket will be created, and GIS MNIT Support will respond to your request

Verify the Well Location Using the GPS Processing Application

1. GIS MNIT Support will email a link to the GPS Processing application. Click the link and input the following information:
 - a. Select a GPS File (this is the .txt file included in the email from MNIT)
 - b. Select a Waypoint (usually 001 unless multiple points were downloaded)
 - c. Unique Well #
 - d. Alternate ID (this is the source number, i.e., S01, S02)
 - e. Reader
 - f. Data Type (i.e., water well)
 - g. Agency (MDH)
 - h. Program (Public Water Supply)
 - i. Location (PWS Name and well name/number)
 - j. Remarks (Optional) and
 - k. GPS Location
 - i. If the location is correct, select “Point OK”. Scroll up and click “Save”
 - ii. If the location is incorrect, select “Adjust”. Click on the map where the well should be located, and the point will move. Once the well is in the correct location, scroll up and click “Save”