Directions for use of WNC Recreational Water Quality Monitoring Program's GIS Dashboard – Mobile View

The two main functions of the GIS dashboard allow you to (1) find a specific sampling site and (2) view the most recent sampling results at the selected site. The desktop view of this website allows you to see all the sampling results of the selected site from the current recreational season as well.

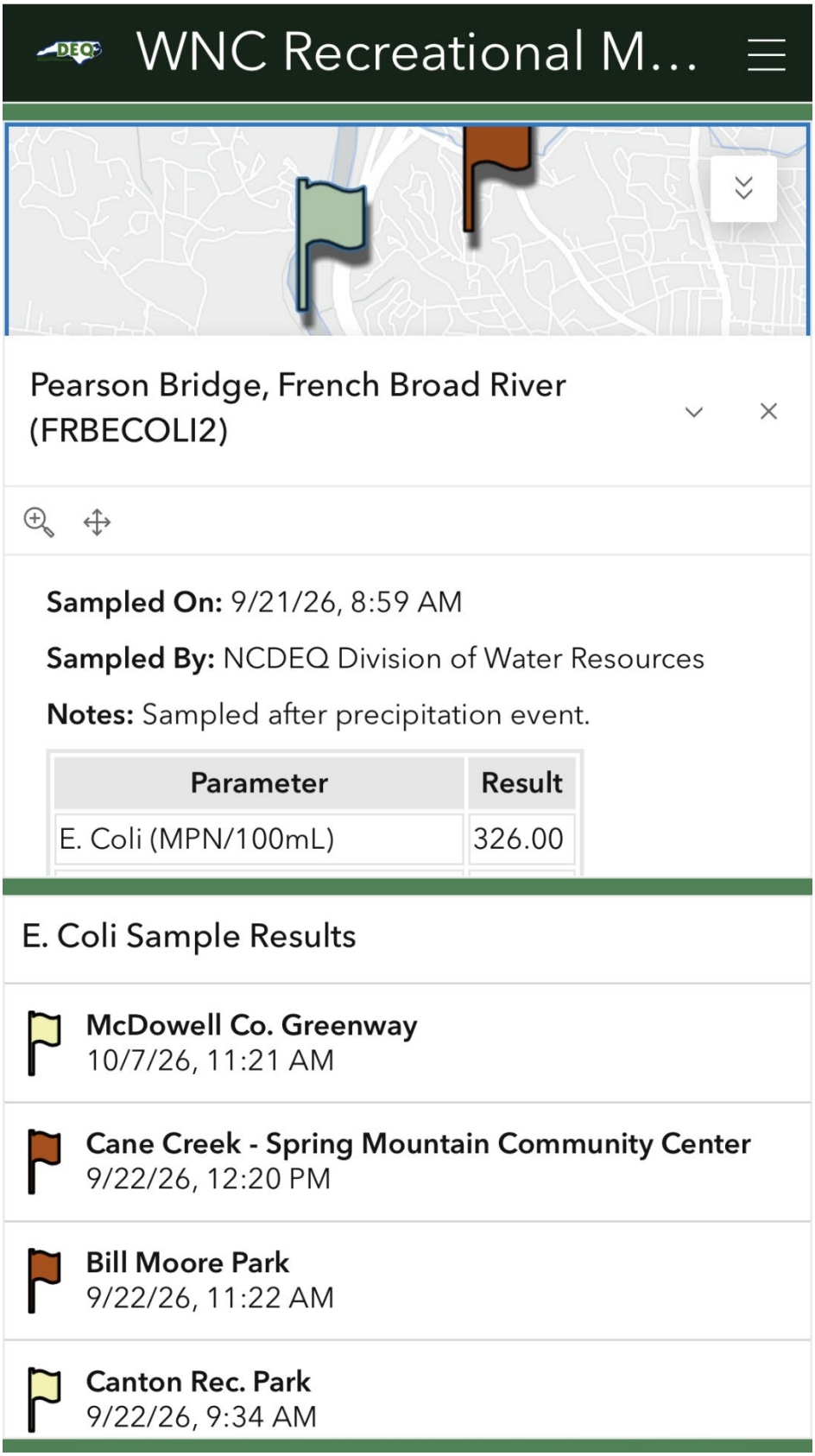
On the mobile version of this site, there are two different ways to look for specific sampling sites with this dashboard: zooming in on the map or searching with an address/GPS coordinate/current location.

Searching for a site by zooming in on the map:

1. Pinch to zoom in on the map and tap on a site (flag icon) nearby where you want to recreate.
    a. The most recent sampling result will be viewable in the popup window on the map.

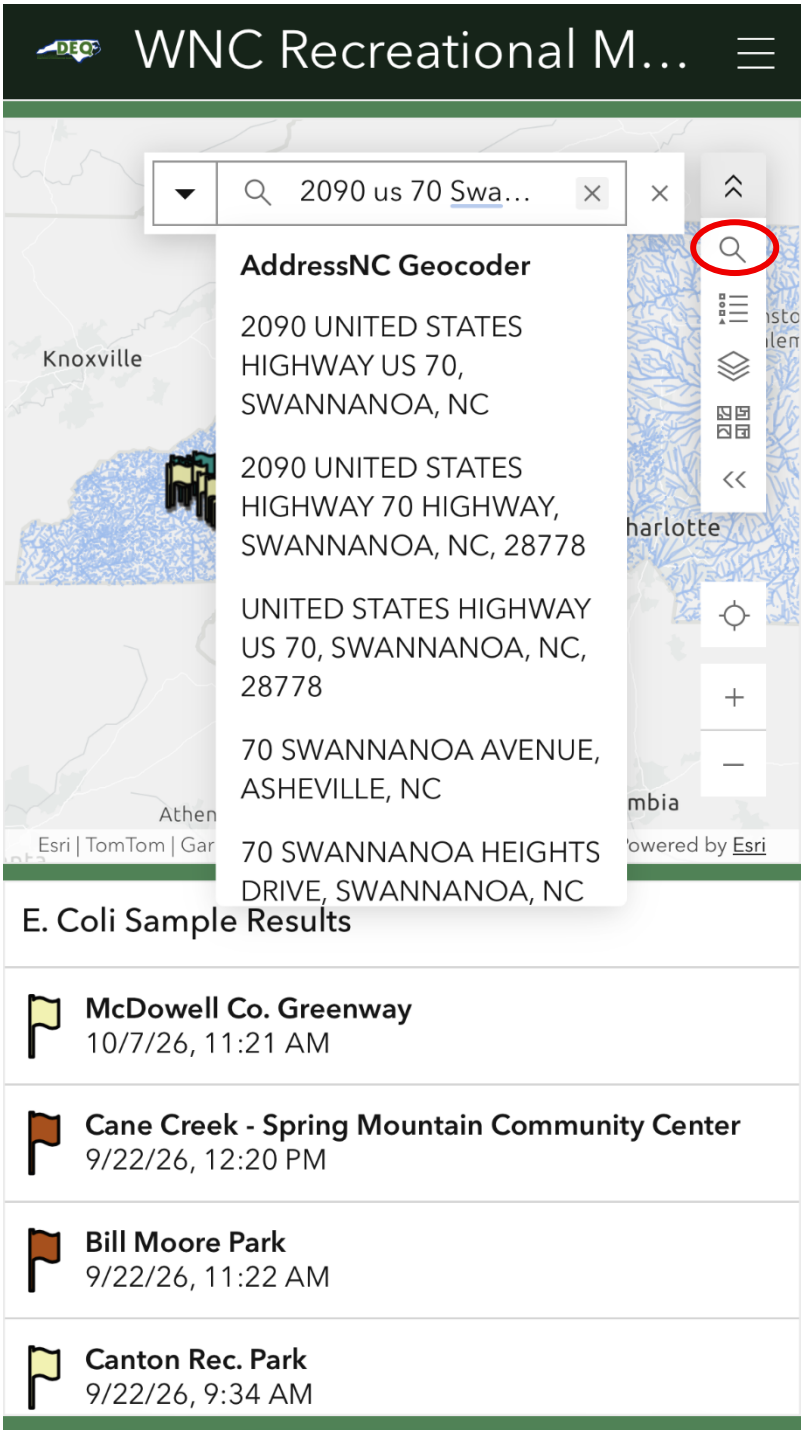
WNC
Recreational Water Quality
Monitoring Program

NORTH CAROLINA
Department of Environmental Quality

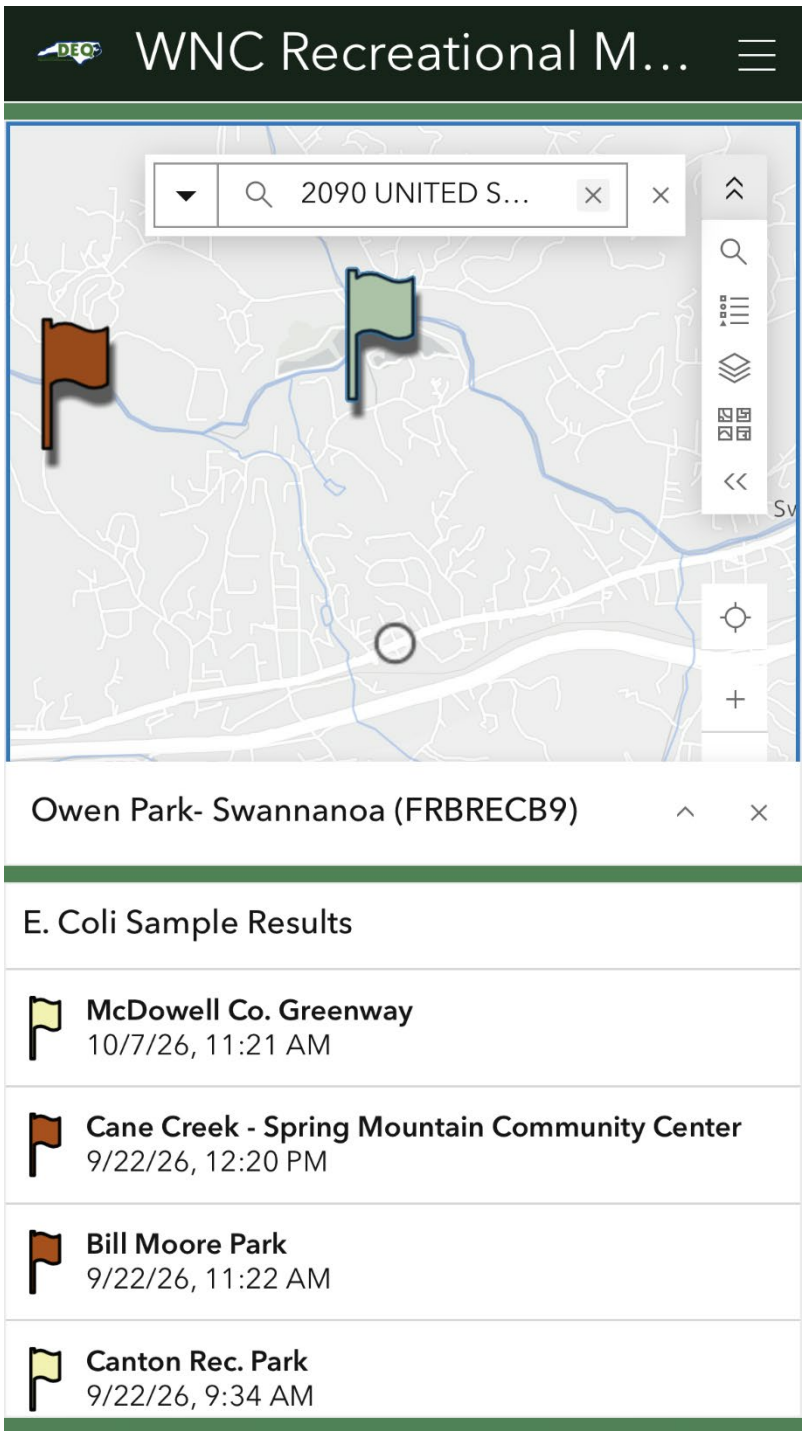


Searching for a site with an address, GPS coordinate, or current location:

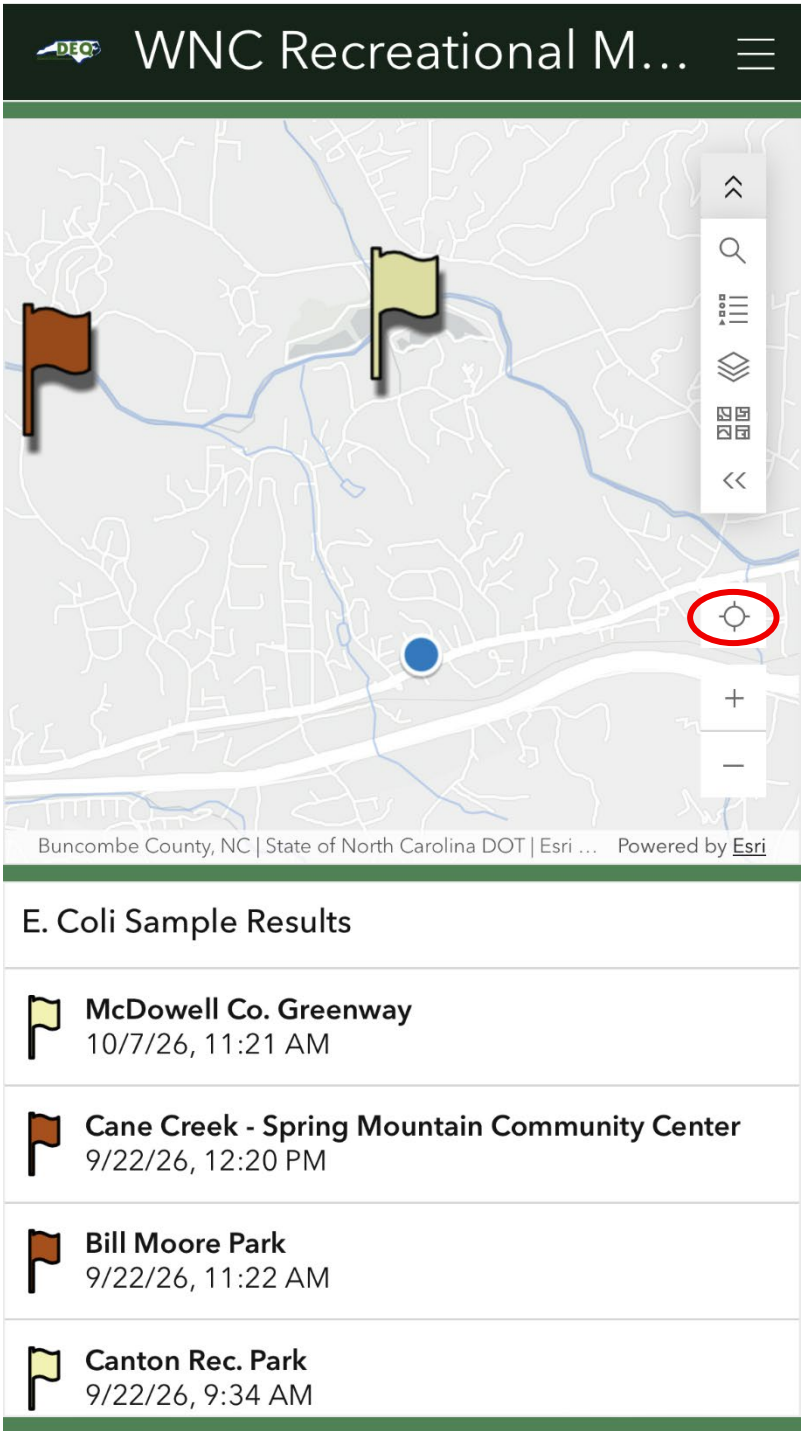
1. Tap on the magnifying glass icon ( ) on the map at the top right corner of the map to enter a known address or GPS coordinate.



2. Tap on a sampling station nearby once the address or location has been pulled up on the map.



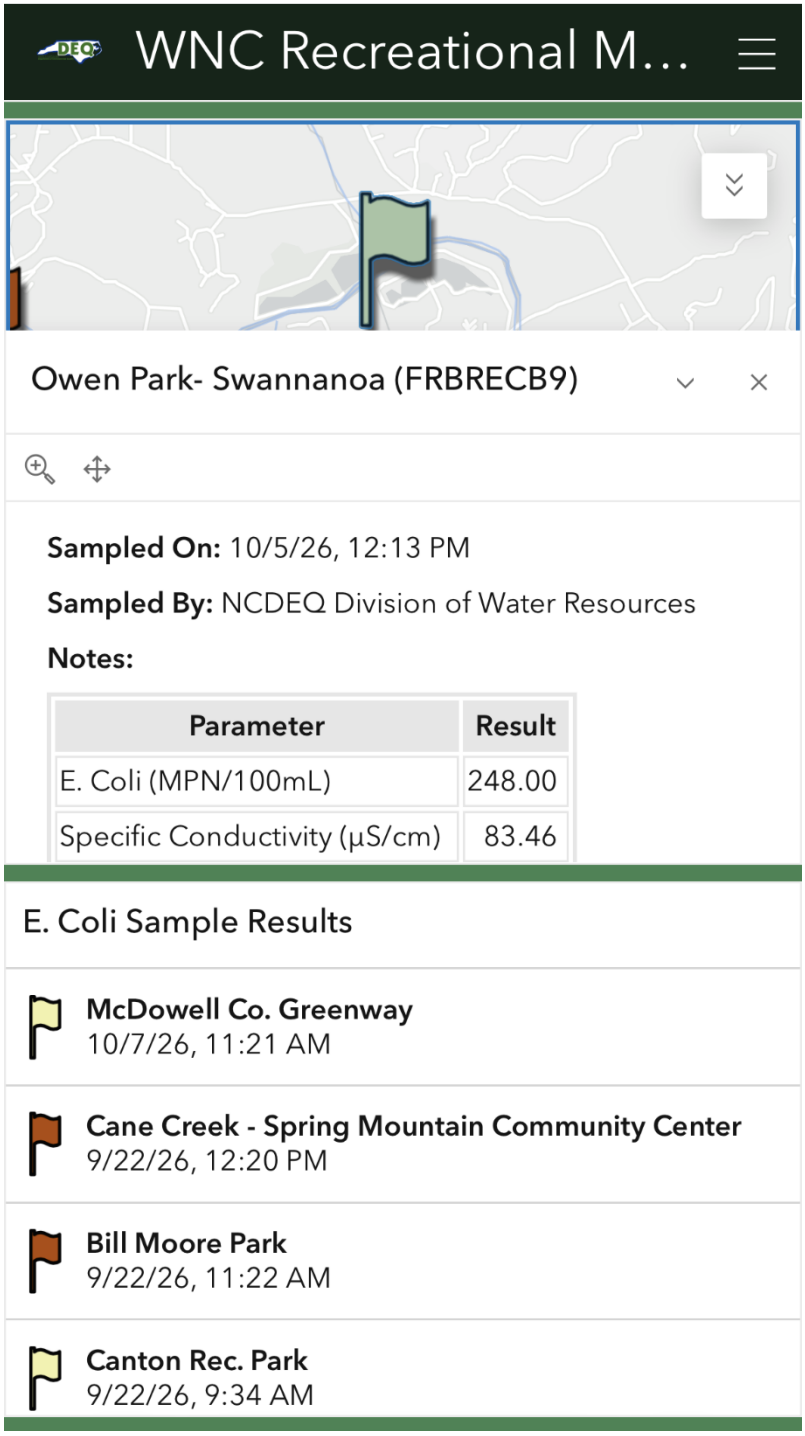
3. OR use the Find My Location icon ( ) on the map to use your location to find a sampling site nearby.



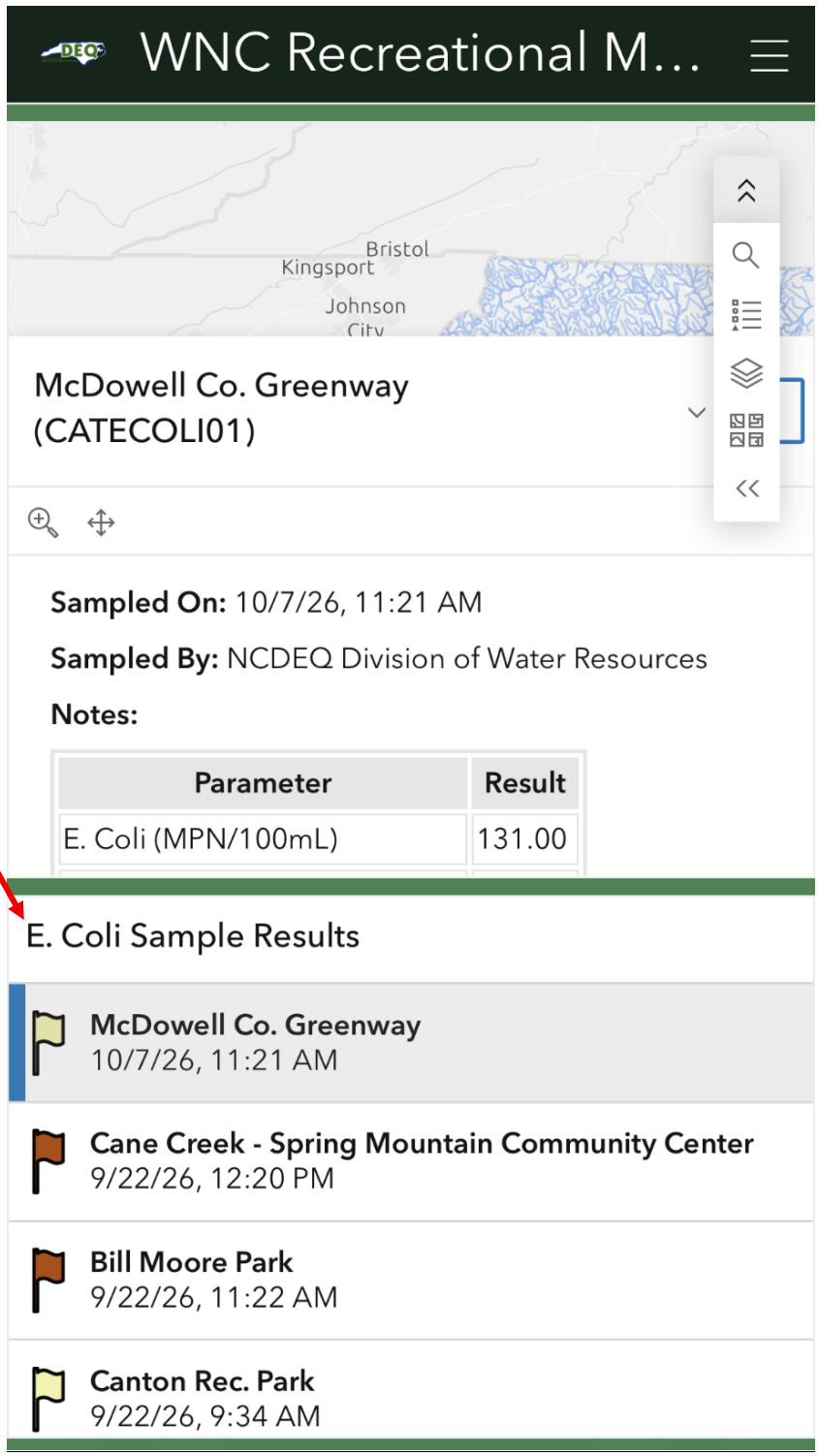
- The most recent sampling result will be viewable in the popup on the map.

View and interpret most recent sample results:

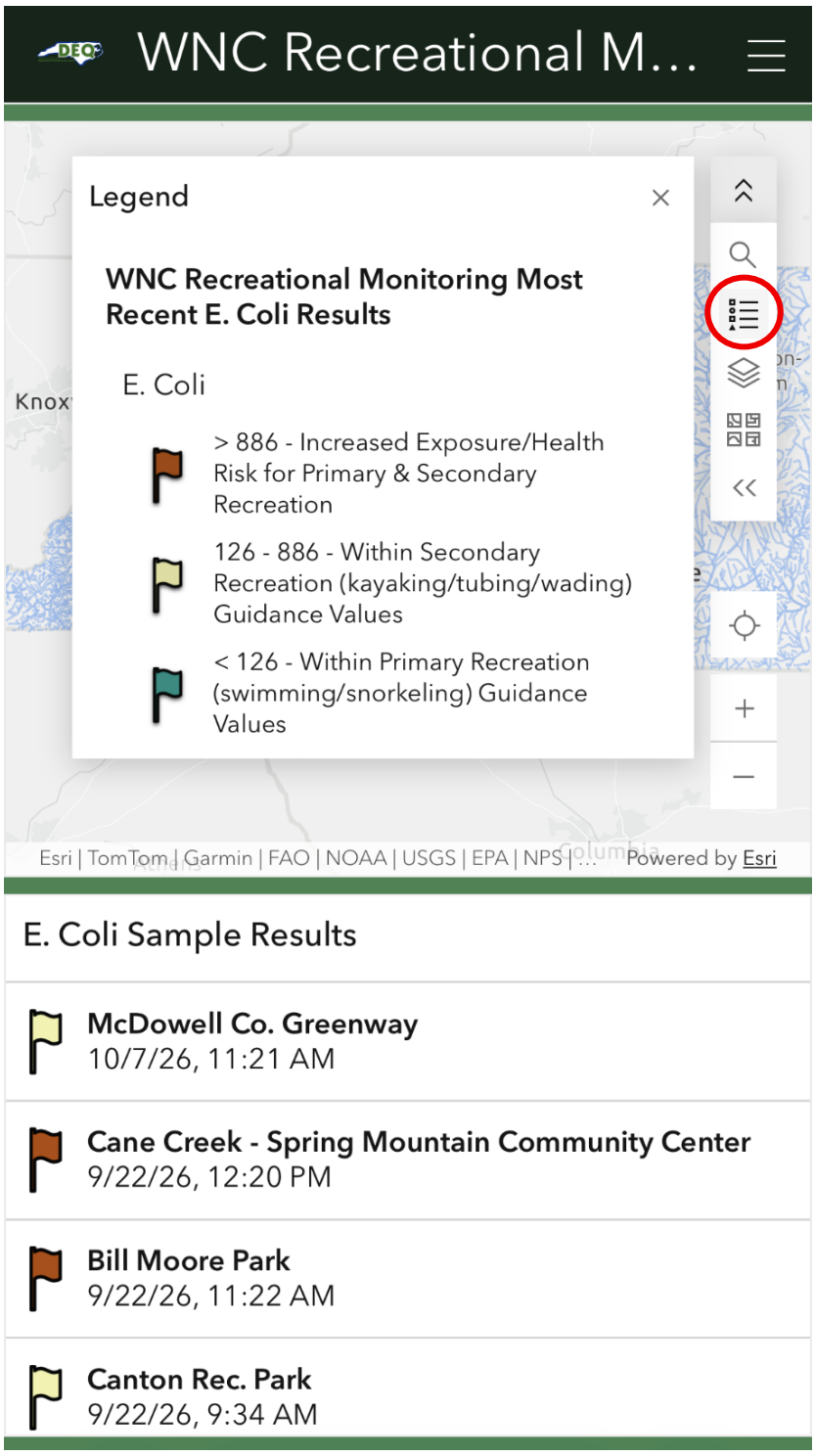
1. Once you have a specific sampling site selected, you can view the most recent sample result in the popup window on the map. The desktop view will allow you to see all the results from the selected sample site from the current recreational season.



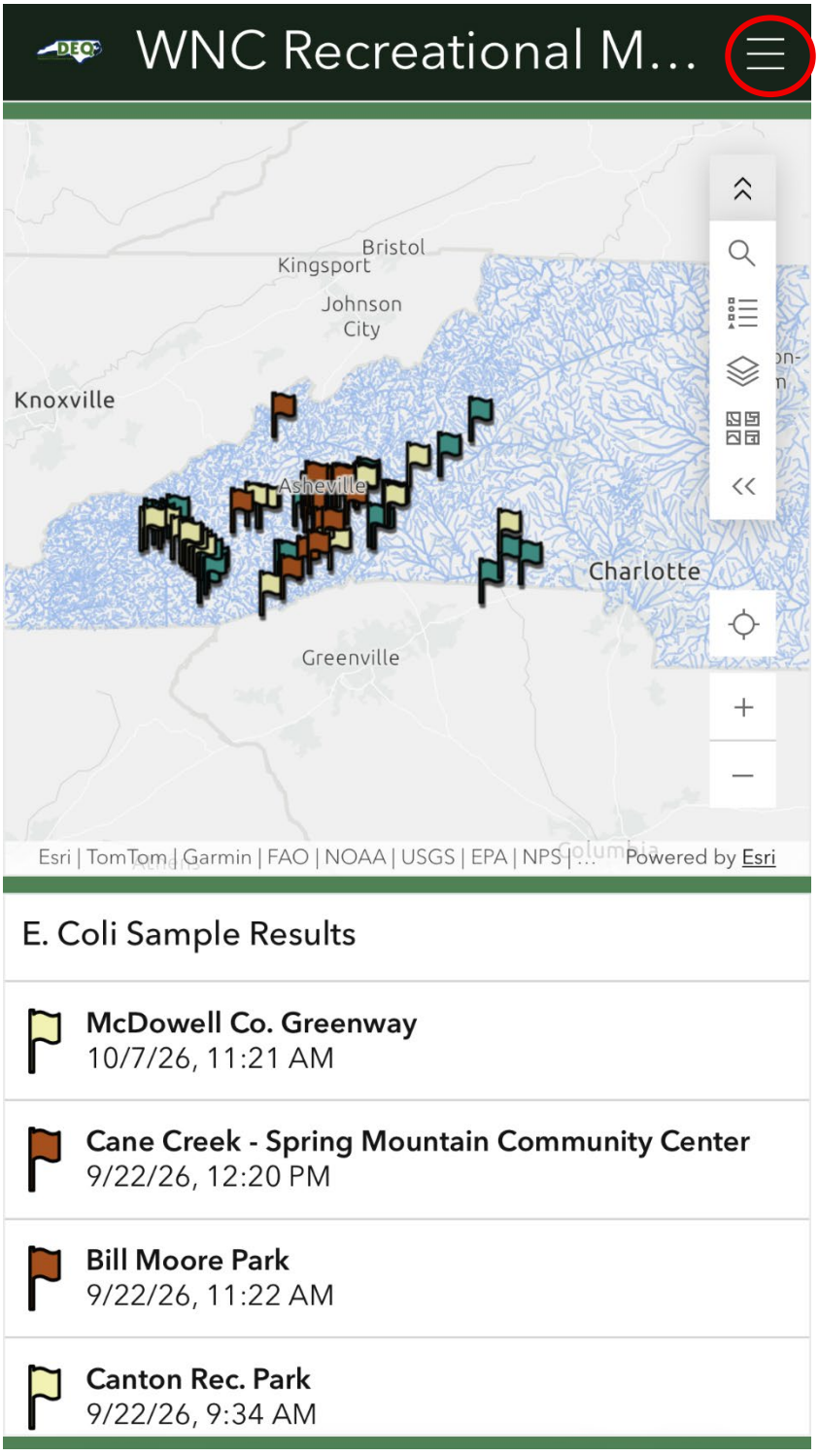
2. You can scroll through the sampling results from the current recreational season at all the sampling sites with the bottom panel labeled “E. Coli Sample Results.”

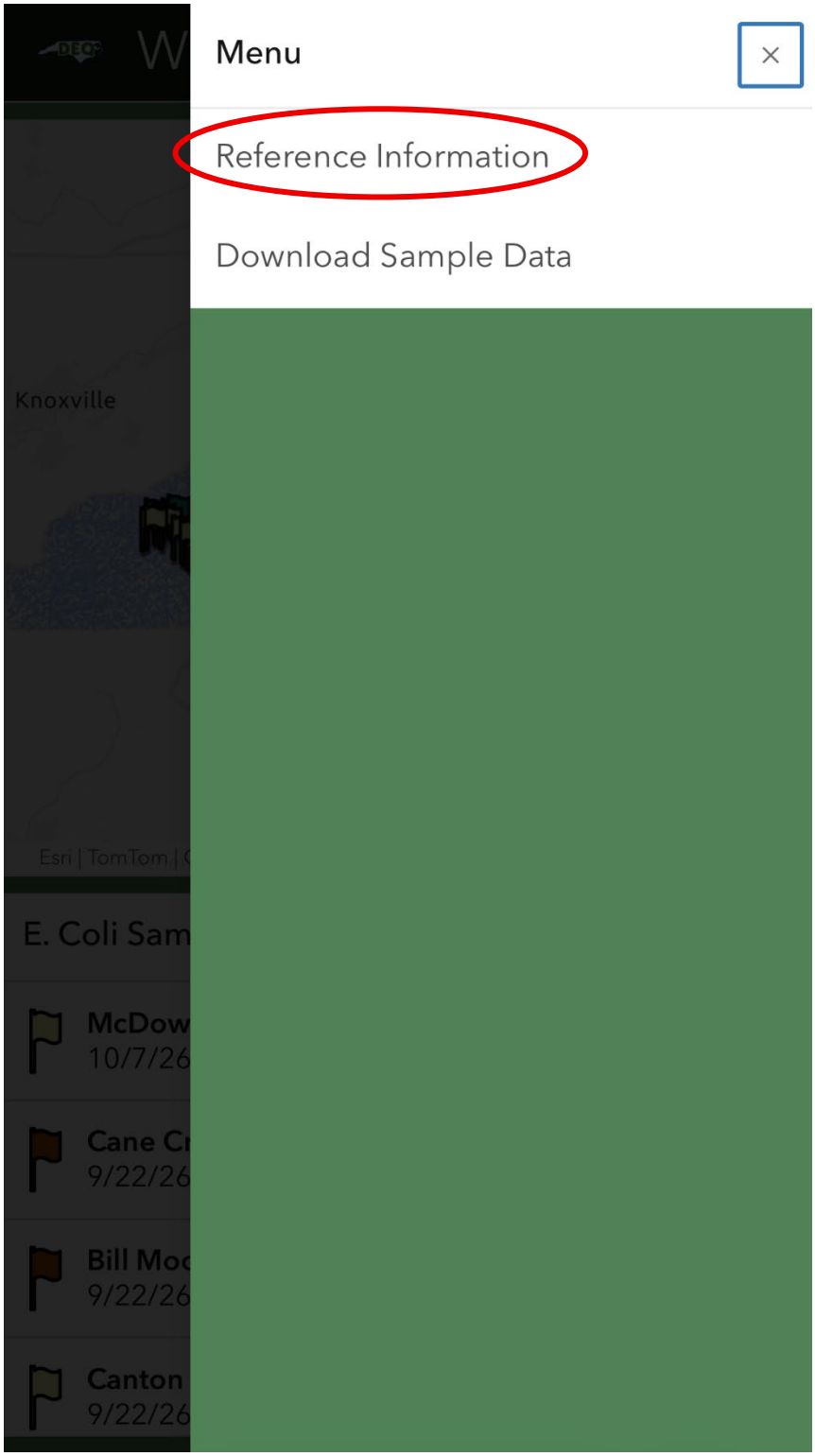


3. Interpret the *E. coli* results based on the three recreational guidance categories which can be found by tapping on the Legend on the map.



- More information on the recreational guidance categories can be found on the Reference Information window which can be found by tapping the three parallel lines (☰) at the top right corner:

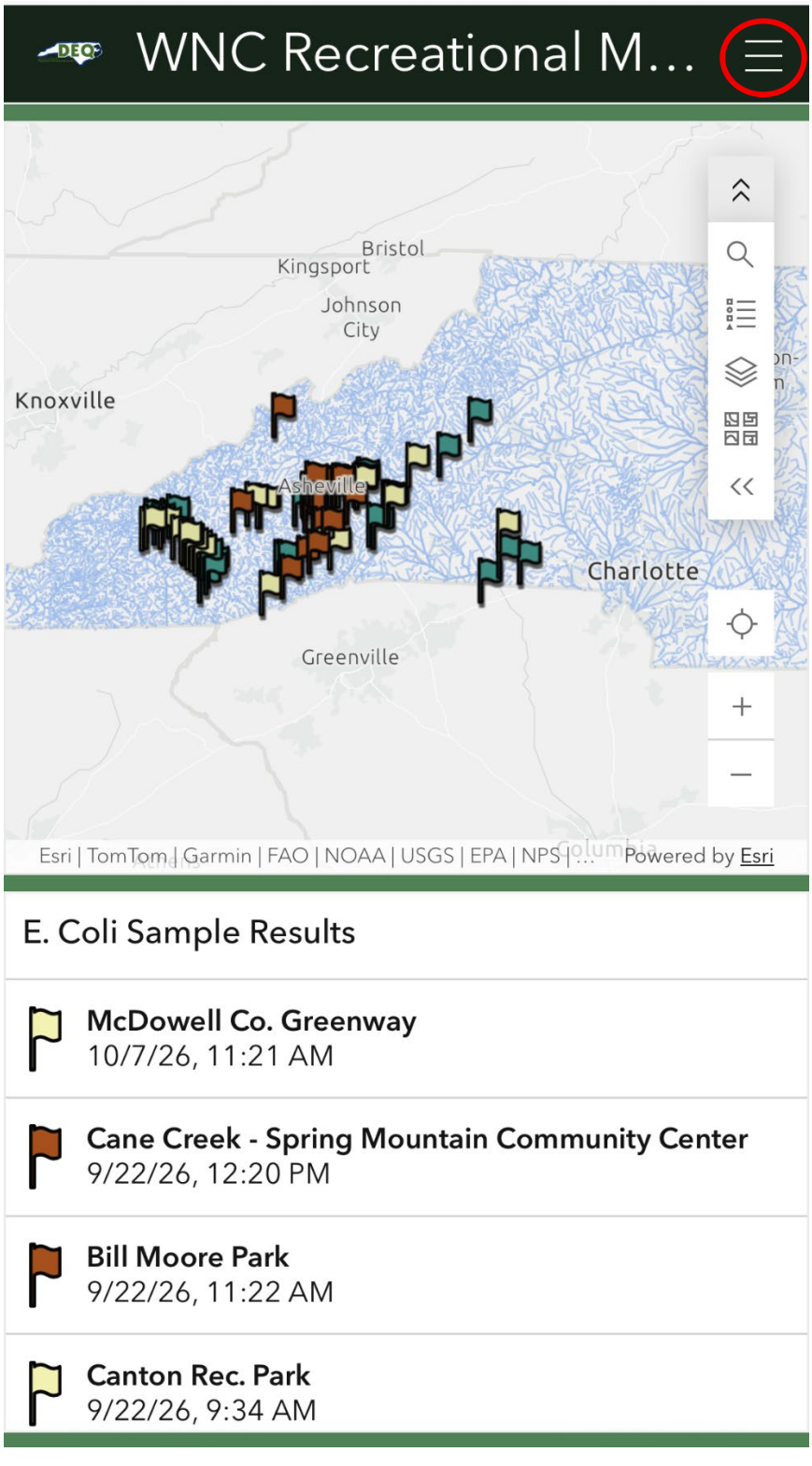


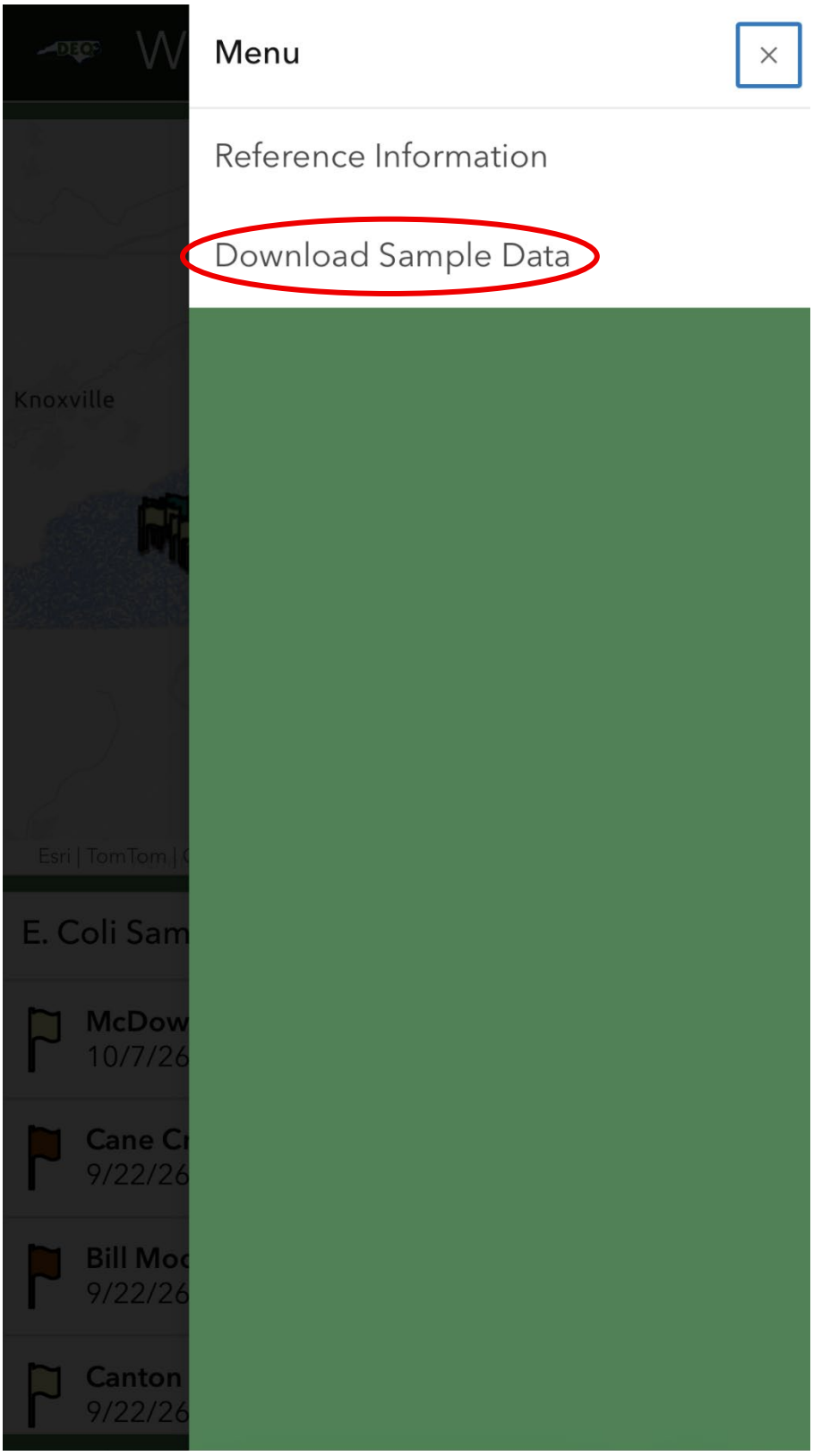

Menu
Reference Information
Download Sample Data
Knoxville
Esri | TomTom
E. Coli Sam
McDow
10/7/26
Cane Cr
9/22/26
Bill Moo
9/22/26
Canton
9/22/26

4. To exit the view of a selected sampling site/station, you can either tap anywhere on the map that's not a sample site (flag icon) or tap the result on the result in the "E. Coli Sample Results" list again so it's not highlighted anymore. To reset the view, refresh the page on your browser.

Additional Functions:

- To be able to view & download all sampling results, tap the three parallel lines (☰) at the top right corner and select "Download Sample Data" to see a full record of sampling results recorded since the GIS dashboard was established in 2025.


WNC Recreational M...
Bristol
Kingsport
Johnson City
Knoxville
Asheville
Charlotte
Greenville
Esri | TomTom | Garmin | FAO | NOAA | USGS | EPA | NPS | ... Powered by Esri
E. Coli Sample Results
McDowell Co. Greenway
10/7/26, 11:21 AM
Cane Creek - Spring Mountain Community Center
9/22/26, 12:20 PM
Bill Moore Park
9/22/26, 11:22 AM
Canton Rec. Park
9/22/26, 9:34 AM


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Download Sample Data
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Esri | TomTom |
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9/22/26
Bill Moo
9/22/26
Canton
9/22/26