

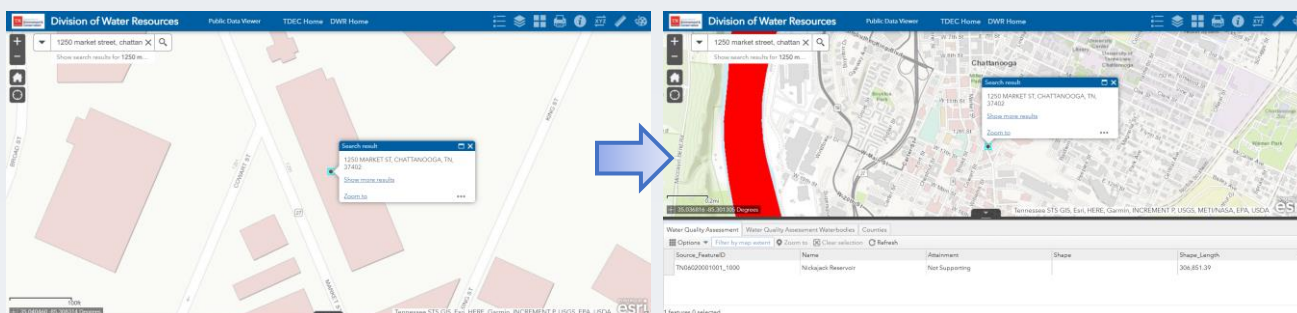
Chattanooga Buffer Tool Guide



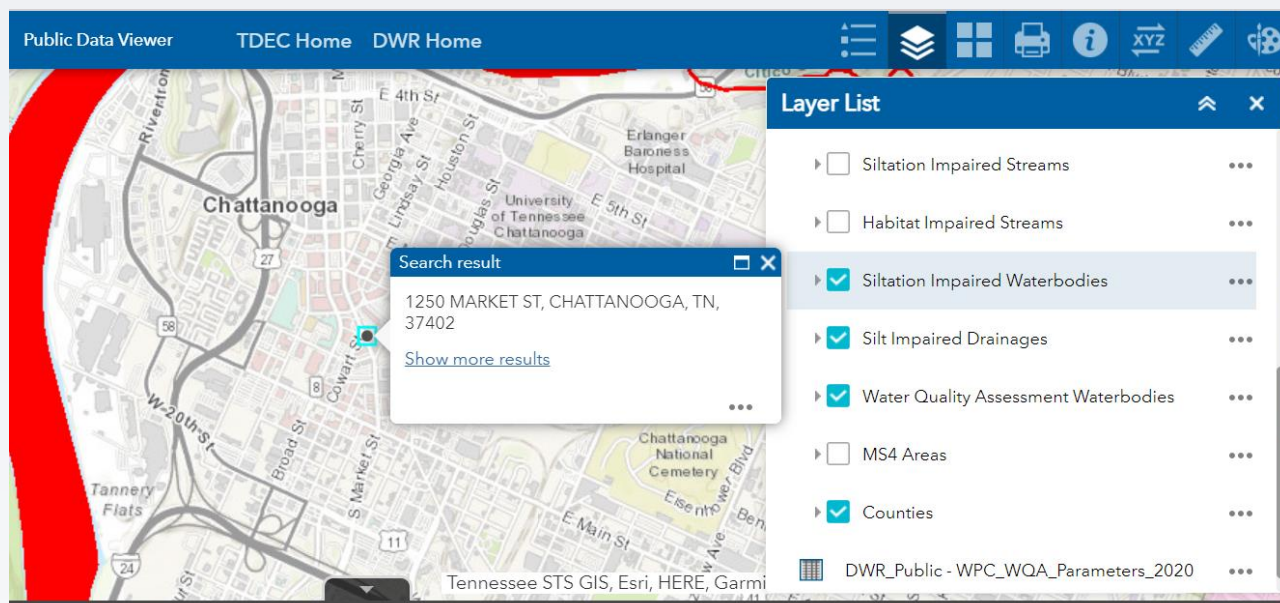
The Chattanooga Buffer Tool is available for developers and property owners proposing temporary or permanent land disturbance impacts within the regulated Water Quality (WQ) Buffer adjacent to streams, lakes or ponds with hydrologic connectivity, and wetlands. This Buffer Tool is intended to assist applicants of land disturbing permits with calculating their existing WQ Buffer requirements, proposed impacts, and resulting mitigation requirements.

Identifying Your Project's Watershed Information

1. Open the TDEC Division of Water Resources Public Data Viewer at <https://tdeconline.tn.gov/dwr> and then zoom out until the water resource where the project drains is visible. By default, water bodies assessed by TDEC are highlighted in red. Click the bottom of the browser window to open the Attributes Table and click through the tabs to locate the watershed information requested in the Buffer Tool.

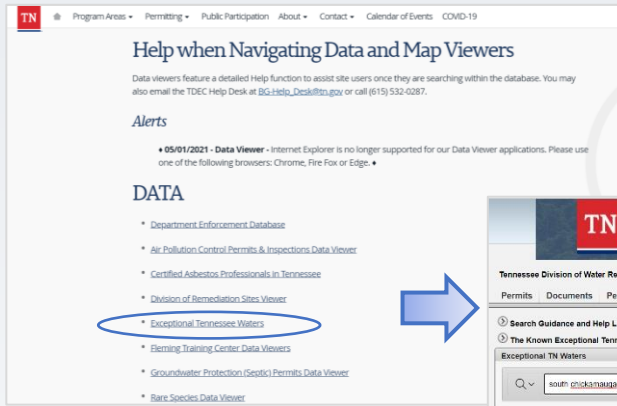


2. Open the Layer List and select Silt Impaired Drainages AND Siltation Impaired Waterbodies to identify if the water resource is siltation impaired. *Note: If a project is in a Silt Impaired Drainage, the affected water resource is automatically designated as Siltation Impaired. If a project is not in a Silt Impaired Drainage, the user will need to determine if the affected waterbody is designated as Siltation Impaired.*

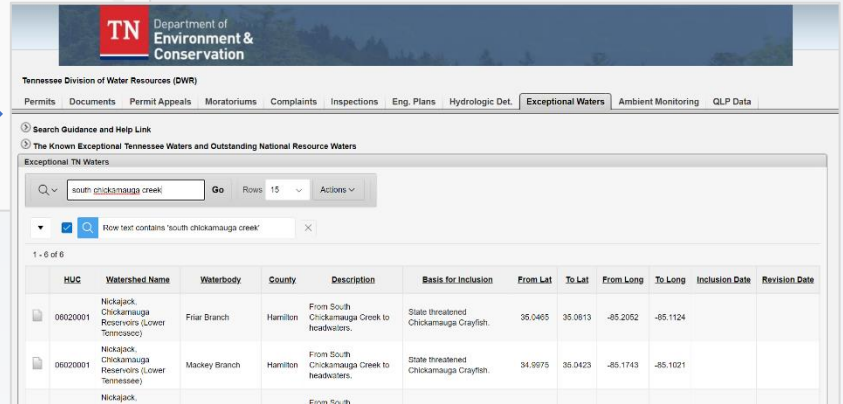


Identifying Exceptional Tennessee Waters

1. Navigate to the List of TDEC Data Viewers at <https://www.tn.gov/environment/about-tdec/tdec-dataviewers.html> and click Exceptional Tennessee Waters.



2. Search for the Waterbody or Watershed Name. Determine if the project is located within the Description of the Waterbody identified in the search results.



Troubleshooting #VALUE! Errors

1. The WQ Buffer Tool is designed to have data entered sequentially following each Tab in order. However, if the applicant needs to correct data previously entered, the user could encounter a #VALUE! error that looks what is shown below. The #VALUE! error means automatic calculations don't recognize the data entered and the data entry cells in that table need to be cleared.

Type of Stream Mitigation	Credit Ratio	Length of Proposed Stream Mitigation (LF)	Buffer Mitigation Credit (SF)
Stream Bank Stabilization	1 LF:150 SF	Data entry cell	#VALUE!
Stream Restoration	1 LF:500 SF	Data entry cell	#VALUE!
Subtotal =			0
Total Off-Site Mitigation Credits Proposed (SF) =			#VALUE!
Excess Off-Site Mitigation Credits Generated (SF) =			#VALUE!

2. Select the data entry cells and type the *delete* or *backspace* button, or right-click and select *Clear Contents* to clear the data entry cells and return the table to default settings. The table will be cleared of errors and is ready for the user to enter new data.

