

Appendix B – Eight Easy Steps to Finding Your 12-Digit HUC

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Water quality trading will often be contained within the 12-digit Hydrologic Unit Code (HUC) where the discharger is located. Permittees should work with their local WDNR wastewater engineer, specialist, or trading coordinator to understand opportunities for acquiring credits from a larger area than the local HUC 12. The Surface Water Data Viewer is an effective tool to identify your HUC 12 and can provide you with other data such as surface water outfall locations in your watershed. This Appendix briefly orients you to this tool by identifying an example HUC 12 sub-watershed in Wisconsin (the Spring Creek watershed).

Step 1: To locate your HUC 12 click on the link below, which will take you to [WDNR's Surface Water Data Viewer Home Page \(http://dnr.wi.gov/topic/surfacewater/swdv/\)](http://dnr.wi.gov/topic/surfacewater/swdv/).

Step 2: Launch the Surface Water Data Viewer Mapping Application.

Step 3: Zoom to your area of interest by clicking on an area of the map and dragging your mouse over the area you wish to zoom to.

Step 4: Click on the "Show Layers" icon at the top of page.

Step 5: Expand the "Watershed Boundaries" and "Hydrologic Units (HUCs) folders and select the "12-digit HUCs (Subwatersheds)" layer. Note: you may also be interested in the "Surface Water Outfalls" layer in the "Permits and Determinations" Folder. This layer shows you all of the point source discharges in your HUC 12 sub-watershed.

Step 6: Activate the 12-digit HUCs layer by clicking on the check box next to the layer name. The layer does not display if the user is zoomed out beyond a certain level, so zooming to roughly the county scale may be needed.

Step 7: Highlight the HUC 12 you are interested in by clicking anywhere within the HUC 12 of interest and select "12-digit HUCs (Sub-watersheds)" in the left-hand panel.

Step 8: From here, you can download an excel file with the details on your selected HUC 12. You may also want to download a shape file of the layer to quantify the area of your HUC 12 within each county.

The surface water data viewer has lots of other data that can be useful for water quality trading. These data can include surface water outfall locations in your watershed and Wisconsin's wetland inventory, among other things. These data are available in the "layers" tab.