

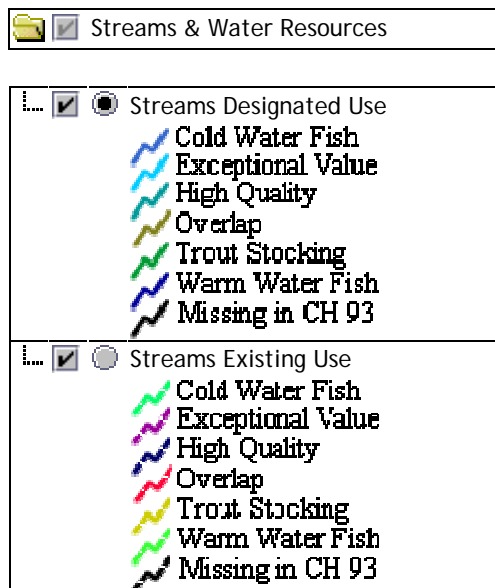
Using eMAP with the P Index

November 2007

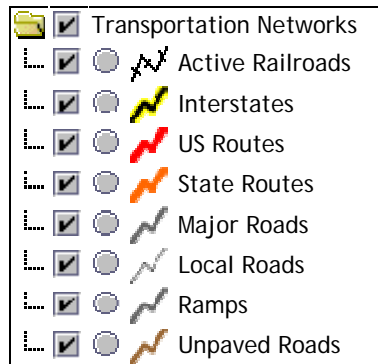
Identification of crop management units (CMUs) or fields located within Special Protection watersheds is required by Part A of the P Index. Specifically, Part A asks “Is the CMU/field in a Special Protection Watershed?” In order to address this question, electronic or hard copy versions of Chapter 93 special protection stream listings can be referenced, the appropriate County Conservation District or Department of Environmental Protection (DEP) office can be contacted, or the eMAP web-based resource may be used. eMAP is a GIS based mapping tool developed and maintained by DEP that can be used to identify Chapter 93 special protection streams. Following are instructions for locating a specific stream using eMAP.





- Go to the eMAP website:
<http://www.emappa.dep.state.pa.us/emappa/viewer.htm>
- Under the “Features” tab to the left of the map, first select the “Streams & Water Resources” folder and then select the “Streams Designated Use” and “Streams Existing Use” layers. To do this, open the “Streams & Water Resources” folder by clicking on it. Then next to “Streams Designated Use” click in both the box and circle and next to “Streams Existing Use” click in only the box. See the example below.

Features



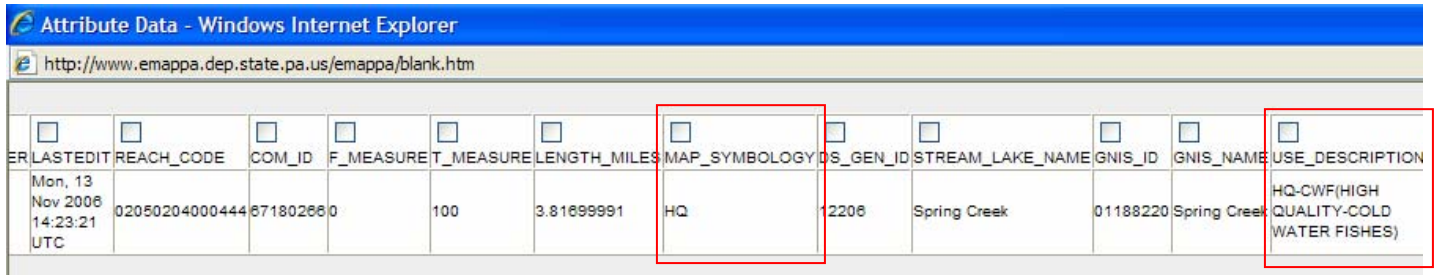
- To locate the stream of interest, some or all of the road layers under the “Transportation Networks” folder may be selected. Click only in the box next to the roads layer(s) to be displayed. Do not click in the circles.



- After making these selections, click on **Refresh Map** at the bottom of the window.
- Select the Zoom-in symbol  above the map. To zoom in, click near the area where the stream of interest is located or hold down the left mouse button and draw a box around the area on the map to be selected. Repeat the zoom in procedure until the stream can be located.
- If needed, select the Zoom-out  symbol above the map and click on the map to zoom back out.
- Special protection streams listed in Chapter 93 for the selected area will appear on the map. Use the color key on the left side of the map under the “Streams Designated Use” and “Streams Existing Use” layers to determine stream classification. A stream classification may be listed under either of these layers and it is important to review both layers in making determinations.
- For more information about a specific stream or stream reach use the “Identify” feature. To use the this feature,
 1. Click the circle next to the “Streams Designated Use” layer to the left of the map. Click on the Identify symbol  above the map and then using the crosshairs select the stream of interest.
 2. Click the circle next to the “Streams Existing Use” layer to the left of the map. Click on the Identify symbol  above the map and then using the crosshairs select the stream of interest.

A stream classification may be listed under either of these layers and it is important to review both layers in making determinations.

The information shown below will then open as a separate "Attribute Data" window. Information about special protection designations or uses is listed under Map_Symbology and Use_Description (outlined below in red). In the example below, the stream is designated as "HQ" or High Quality under the "Streams Designated Use" layer. It is important to note that the "Attribute Data" window may initially appear behind the main window.



<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ERLASTEDIT	REACH_CODE	COM_ID	F_MEASURE	T_MEASURE	LENGTH_MILES	MAP_SYBOLOGY	DS_GEN_ID	STREAM_LAKE_NAME	GNIS_ID	GNIS_NAME	USE_DESCRIPTION
Mon, 13 Nov 2006 14:23:21 UTC	02050204000444	871802660		100	3.81699991	HQ	2208	Spring Creek	01188220	Spring Creek	HQ-CWF(HIGH QUALITY-COLD WATER FISHES)

- If a stream is determined to have a special protection designation or use, Part B of the P Index must be used.