



# GIS&GPS FL-06 Supplement for EQIP Ranking Questions

2012

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This document provides instructions for a subset of questions used for ranking EQIP applications. Those questions include National Question Water Quality-1b, National Question Water Conservation-2a, 2c, and State Question Water Quality-3. These instructions will help FL-NRCS planners use standard references across administrative areas. These instructions assume that NRCS planners have a working knowledge of ArcGIS within the framework of the Customer Service Toolkit.

- 1) **National Question 1b:** *Clean and Abundant Water: Water Quality – Will the proposed project assist the producer to reduce sediment, nutrients, or pesticides from agricultural operations located within a field that adjoins a designated impaired water body?*

To determine if a planning unit is located in a geographic area that has a designated impaired water body, planners will a) use the WBID shapefile for their respective administrative area to identify the WBID code for the geographic area of interest, and b) use the FDEP web-based TMDL Tracker to check whether an impairment has been recorded for that WBID. See detailed instructions in the Appendix.

- 2) **National Question 2a:** *Clean and Abundant Water: Water Conservation – Will the proposed project assist the producer to increase groundwater recharge in identified groundwater depletion areas?*

To determine if a planning unit is located in an identified groundwater depletion area, planners will use the Aquifer Depletion shapefile for their respective administrative area, located on service center servers:

Area I = F:\geodata\project\_data\nrcs\aquideplt\_a\_103921.shp  
Area II = F:\geodata\project\_data\nrcs\aquideplt\_a\_104210.shp  
Area III = F:\geodata\project\_data\nrcs\aquideplt\_a\_104218.shp  
Area IV = F:\geodata\project\_data\nrcs\aquideplt\_a\_103922.shp

- 3) **National Question 2c:** *Clean and Abundant Water: Water Conservation – Will the proposed project assist the producer to conserve water in an area where the applicant participates in a geographically established or watershed-wide project?*

To determine if a planning unit is located in a geographic area that has an established or watershed-wide project, planners will use the Water Resource Caution Area shapefile for their respective administrative area, located on service center servers:

Area I = F:\geodata\project\_data\nrcs\wrc\_a\_103921.shp  
Area II = F:\geodata\project\_data\nrcs\wrc\_a\_104210.shp  
Area III = F:\geodata\project\_data\nrcs\wrc\_a\_104218.shp  
Area IV = F:\geodata\project\_data\nrcs\wrc\_a\_103922.shp

- 4) **State Question 3:** *Water Quality – Will the funding of this contract reduce sediment, nutrient, and/or pesticides on fields(s) located in an impaired watershed 303(d), TMDL, or has karsts features or in high aquifer recharge area?*

There are four equivalent references listed in this question. However, planners will **not** consider the TMDL reference.

- a) **Impaired watershed 303(d):** Use procedure described for National Question 1b, with additional details listed in the Appendix.
- b) **Karsts Features:** The Sinkhole Type, Development, and Distribution map (eFOTG-Resource-p.3) is now available as areawide GIS layers on service center servers. When using this layer, only sites in the green and red shaded areas [Sinkholes Area I and III] qualify as “Yes” :



Area I = F:\geodata\project\_data\nrcs\sinkholes\_a\_103921.shp  
 Area II = F:\geodata\project\_data\nrcs\sinkholes\_a\_104210.shp  
 Area III = F:\geodata\project\_data\nrcs\sinkholes\_a\_104218.shp  
 Area IV = F:\geodata\project\_data\nrcs\sinkholes\_a\_103922.shp

**Note:** Layer files (\*.lyr) for above shapefiles are available on servers to facilitate display in ArcGIS.

- c) **High Aquifer Recharge Area:** The Generalized Areas of Recharge to and Discharge from the Floridan Aquifer (eFOTG-Resource-p.4) is now available as areawide GIS layers on service center servers. When using this layer, only sites in the **Recharge > 10in/yr** areas qualify as “Yes” :



Area I = F:\geodata\project\_data\nrcs\aquirechg\_a\_103921.shp  
 Area II = F:\geodata\project\_data\nrcs\aquirechg\_a\_104210.shp  
 Area III = F:\geodata\project\_data\nrcs\aquirechg\_a\_104218.shp  
 Area IV = F:\geodata\project\_data\nrcs\aquirechg\_a\_103922.shp.

**Note:** Layer files (\*.lyr) for above shapefiles are available on servers to facilitate display in ArcGIS.

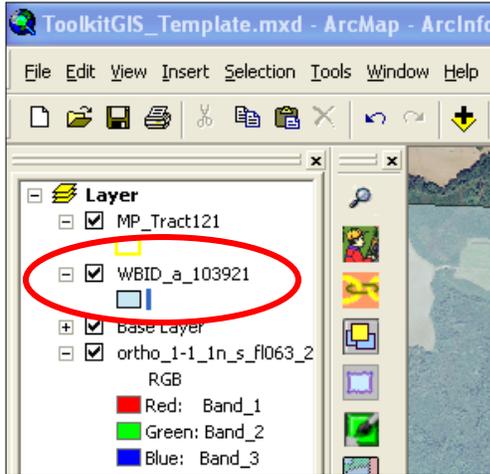


# **APPENDIX**

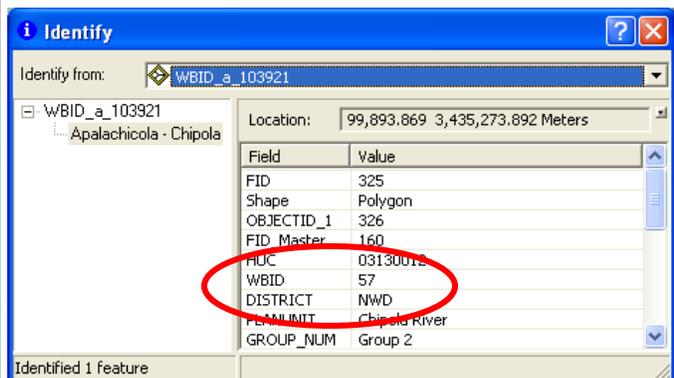
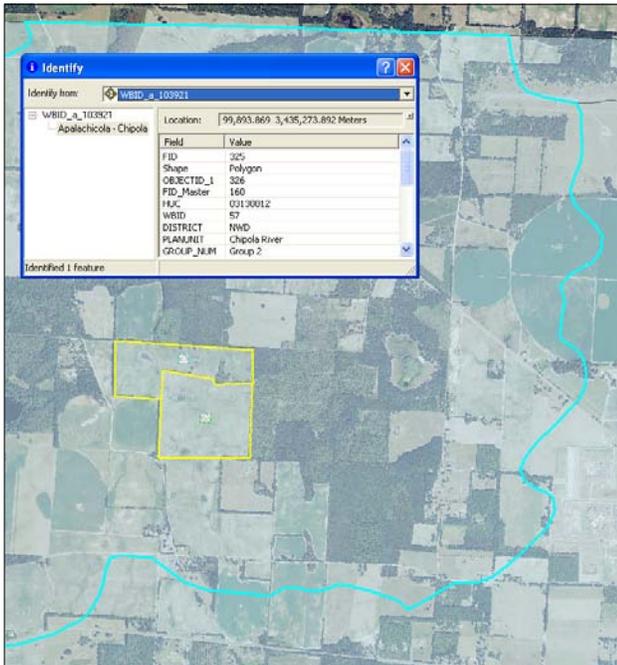
## **USING WBID DATASET AND TMDL TRACKER**

**Step 1.** Once a planning unit (PLU) is created in Toolkit, add the WBID shapefile to the display for respective FL-NRCS Area, located on service center server:

- Area I = F:\geodata\project\_data\nrcs\wbid\_a\_103921.shp;
- Area II = F:\geodata\project\_data\nrcs\wbid\_a\_104210.shp;
- Area III = F:\geodata\project\_data\nrcs\wbid\_a\_104218.shp;
- Area IV = F:\geodata\project\_data\nrcs\wbid\_a\_103922.shp

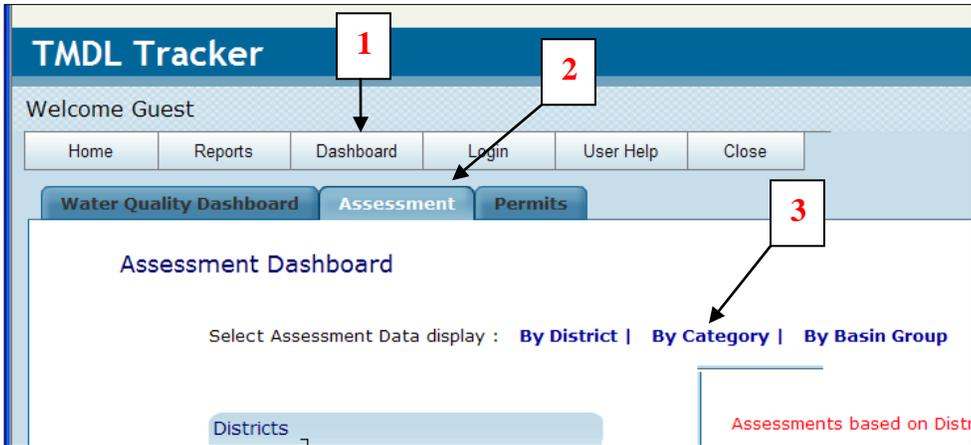


**Step 2.** Identify the WBID code for the geographic area where PLU occurs. The ArcGIS *Identify* tool may be used for that purpose. Note the code listed under WBID in the attribute table, in this instance #57, and the District code, NWD. PLU (yellow outline) is within WBID (turquoise outline).



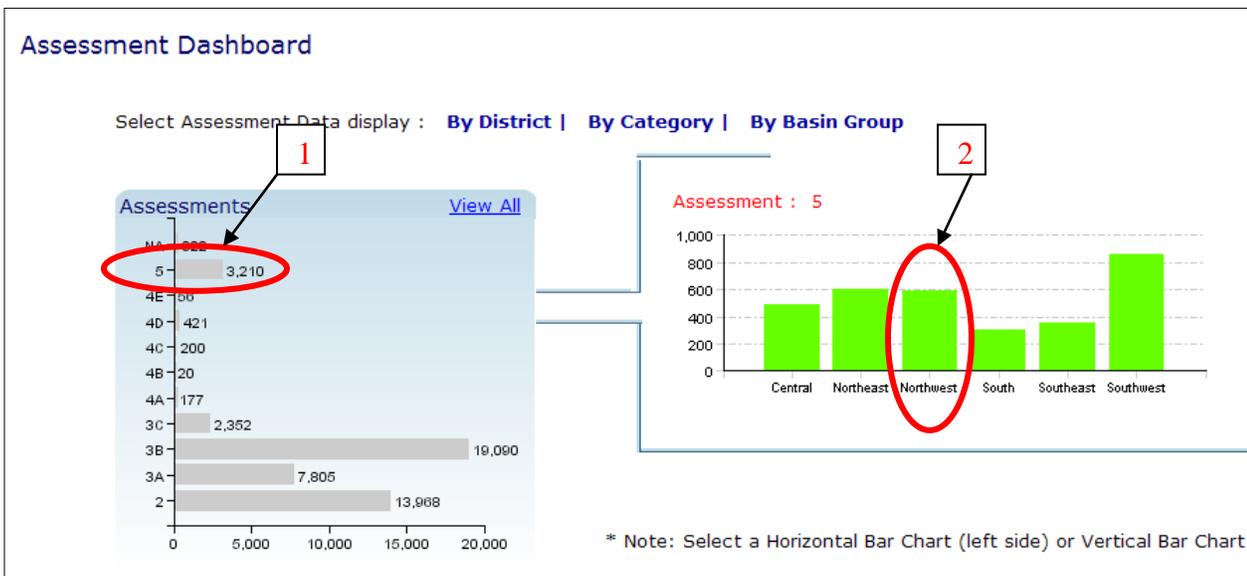
**Step 3.** Click on this link <http://webapps.dep.state.fl.us/DearTmdl/welcomehz.do> to access the TMDL Tracker web site.

**Step 4.** In the TMDL Tracker menu, click on Dashboard > Assessment > By Category



**Step 5.** In the Assessment Dashboard, click on **Category 5 (Verified for Impairment)** on the horizontal (left) bar graph. Then, click on the appropriate district on the vertical (right) bar graph.

- CD = Central District
- NED = Northeast District
- NWD = Northwest District
- SD = South District
- SED = Southeast District
- SWD = Southwest District



**Step 6.** A table listing WBIDs verified for impairment is presented below the graphs. WBIDs are listed in alphanumeric order, meaning that all codes starting with 1 are listed first, followed by codes starting with 2 etc... Thus, WBID 1006W will be listed before WBID 57. You may need to click on the report page numbers to move through the list.

Assessments based on District : Northwest | Assessment : 5

Total 592 records found, displaying 301 to 350 on page 7 : [ First ] [ prev ] 6 7 8 9 10 [ next ] [ Last ]

District Name	Basin Group	Cycle	WBID	Waterbody Name at time of Assessment	Assessment Category	Assessment Category Description	Basis For Listing	Assessment Date	1998 303(d) Parameter	Reason Code 1	Reason Code 1 Date	Reason Code 2	Reason Code 2 Date	Comment on Reason Code 1	Comment on Reason Code 2	Comment
Northwest	Group 4 - Pensacola	1	548G	BLACKWATER BAY	5	Verified for Impairment	Mercury (based on fish consumption advisory)	05/12/2006								Data verified to be within the last 7.5 years. Confirmed recent data for coastal fish advisory for King Mackerel...
Northwest	Group 4 - Pensacola	1	548G	BLACKWATER BAY	5	Verified for Impairment	Mercury (based on fish tissue data)	05/12/2006	Mercury (in fish tissue)							Data verified to be within the last 7.5 years. Confirmed recent data for coastal fish advisory for King Mackerel...
Northwest	Group 4 - Pensacola	1	548H	EAST BAY	5	Verified for Impairment	Mercury (based on fish consumption advisory)	05/12/2006								Data verified to be within the last 7.5 years. Confirmed recent data for coastal fish advisory for King Mackerel...

**Step 7.** If there is any entry for the WBID code of interest, then the PLU is located in a geographic area that has a designated impaired water body.

Northwest	Chipola															
Northwest	Group 2 - Apalachicola - Chipola	2	57	JORDAN BAY DRAIN	5	Verified for Impairment	Fecal Coliform	05/14/2009								

For additional information and support, please contact:

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