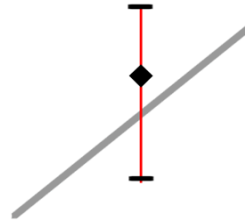


The grey line represents the suggested criteria value for that lake. The diamonds represent the geometric mean value for that lake. The dashes (connected by red lines) represent the upper and lower Confidence Intervals (CI) for each mean. The X axis is an arbitrary ranking based on criteria value. The Y axis is total phosphorus.

- The top graph shows all classified lakes for which we have long term data.
- The bottom graph shows only those lakes whose CI overlaps the criteria value.

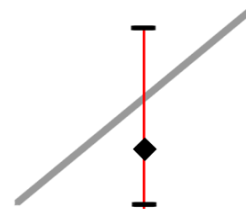
Of the lakes that would be listed as impaired, 19 have lower CI's (95th%) that are below the criteria level.



- Lakes with **X** are under due to rounding errors

Lake Name	µg/L UNDER
Fayette	-6
Tapawingo	-2
Stockton	X
Hunnewell	-3
Pape (Concordia)	-2
Holden City	-5
Mark Twain	-5
Raintree	-2
Bethany	X
Harrison County	-4
Atkinson	-2
Henry Sever	-1
Monroe City	-6
Green City	-3
Hamilton City	-1
Lancaster	X
Willow Brook	-5
Sterling Price	-3
Cottontail	-35

Of the lakes that would not be listed as impaired, 10 have upper CI's (95th%) that are above the criteria level.



Lake Name	µg/L OVER
Nodaway	1
Fellows	1
Viking	1
Forest	1
D.C.Rogers	1
Edina City	3
Odessa	5
North Lake	7
Amarugia Highlands	11
Ella Ewing	18