

King County DNRP Water Quality Index

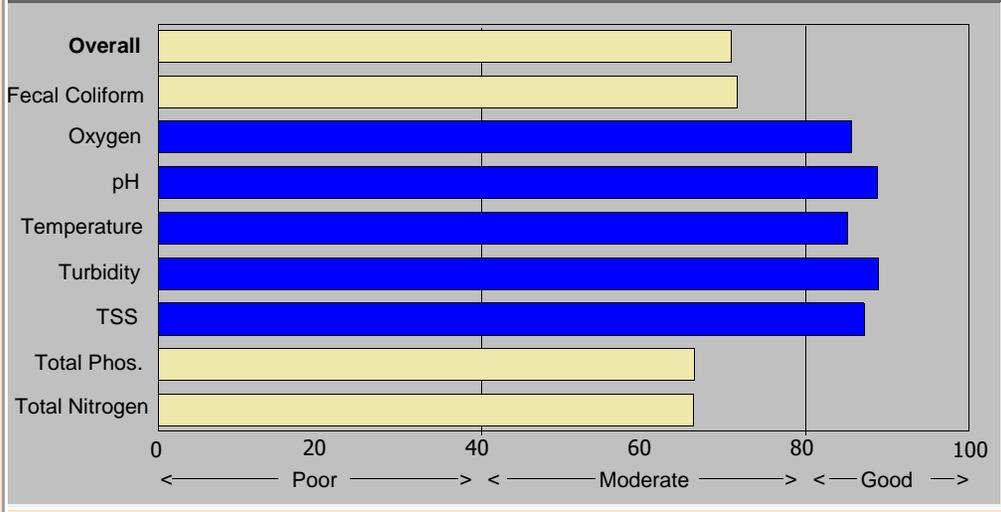
STATION **KTHA03** WATER YEAR **2018**

GAUGE # 68c Piper's Creek at Venema Overall Index **71**

King County has monitored water quality in the Venema Creek basin at four locations. Station KTHA03 is located at the mouth of Venema Creek. Monitoring at this station began in 1988 but was discontinued in 2008 due to budget cutbacks. However, regular monitoring was reinstated in February of 2013. Venema Creek is a tributary to Pipers Creek and collects storm water from over 80 acres in the Venema Basin. The creek is on the Washington State Department of Ecology's 303(d) list, Category 4a, as part of the Pipers Creek fecal coliform bacteria TMDL.

Annual Water Quality Index Scores

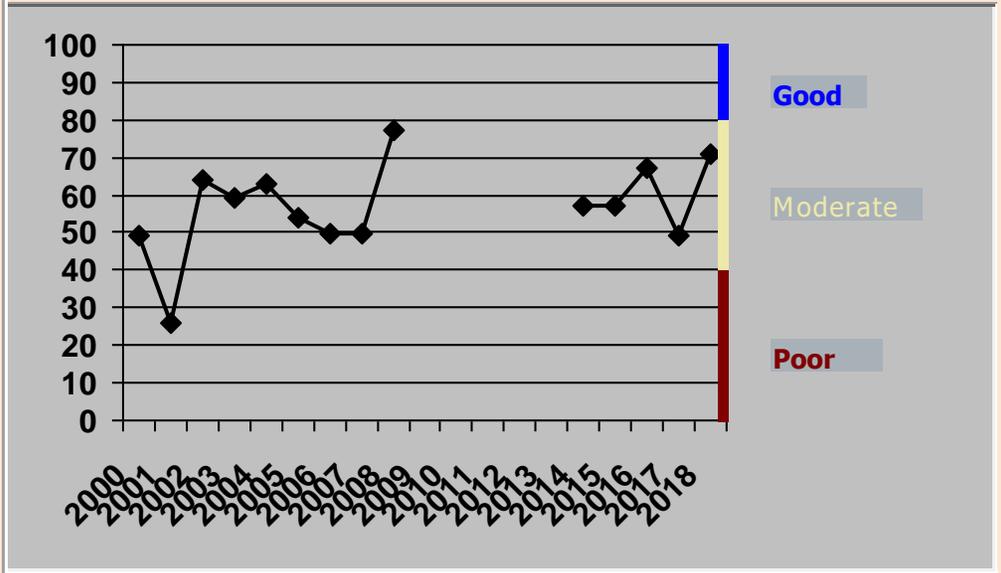
Water quality was MODERATE based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
96	52	89	91	88	86	84	78	87	92	90	89

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>