

King County DNRP Water Quality Index

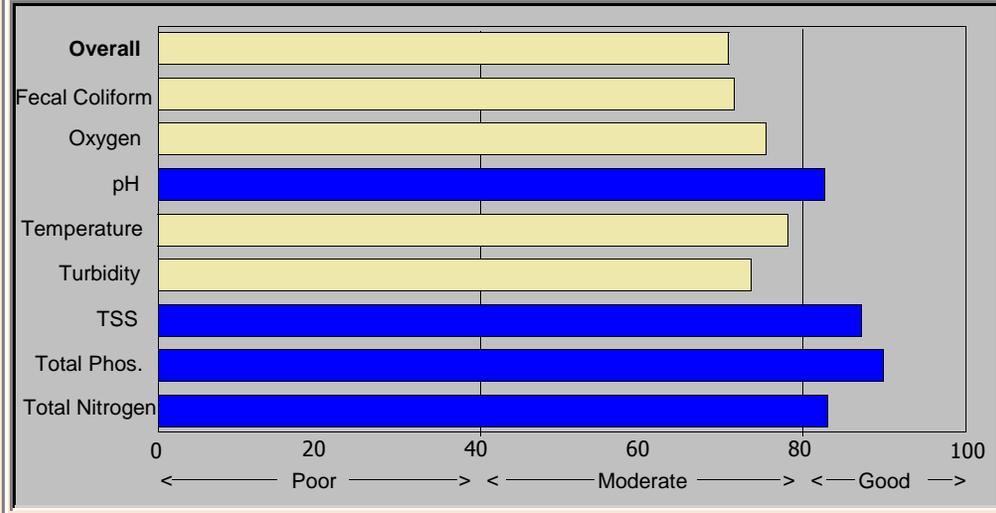
STATION **442** WATER YEAR **2008**

GAUGE # 06a Coal Creek Overall Index **71**

Station 0442 is located at the former USGS gauging station located near Coal Creek Parkway and 119th Avenue South. Water quality samples were collected monthly at this station from 1972 to 2008 when budget cutbacks forced King County to reduce the breadth of its water quality monitoring program. However, King County resumed sampling at this station in February 2013. Coal Creek is located along the southern limit of the City of Bellevue. The headwaters of Coal Creek originate in the steep terrain of Cougar Mountain at an elevation of about 1,400 feet. The creek flows for about 7 miles through a series of steep, narrow ravines before entering Lake Washington along the eastern shoreline at Newport Shores. The drainage basin for the creek is roughly 4,550 acres. Currently, land use in the Coal Creek basin is predominantly single-family and multi-family residences and parks, including the Cougar Mountain County Park in the headwaters and Coal Creek Regional Park. Coal Creek is on the 2012 Washington

Annual Water Quality Index Scores

Water quality was MODERATE based on data collected 10/1/2007 to 9/30/2008.



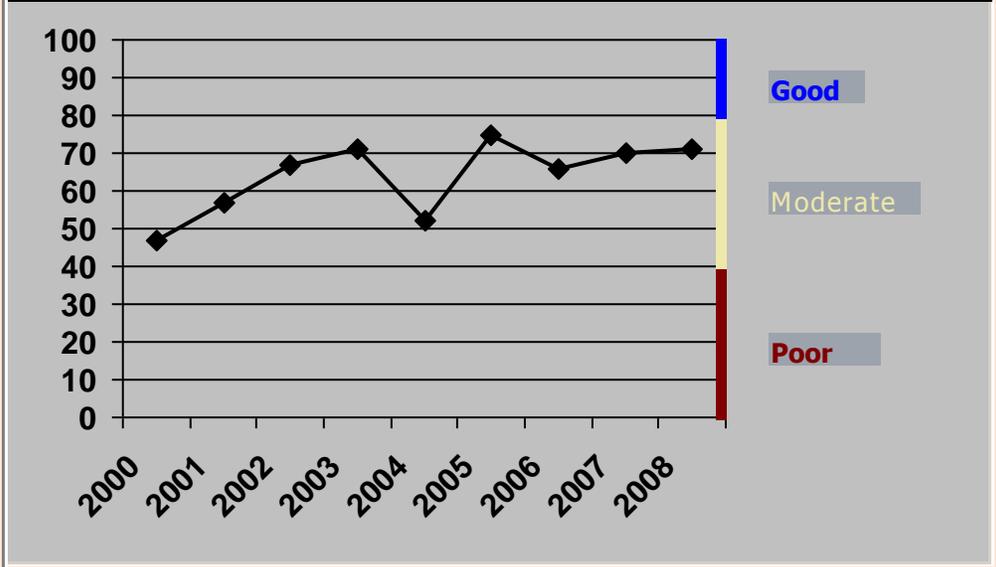
Monthly Scores For Water Year 2008

Month	Score
Oct	80
Nov	94
Dec	95
Jan	89
Feb	97
Mar	97
Apr	96
May	95
Jun	78
Jul	73
Aug	62
Sep	86

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 <http://green.kingcounty.gov/WLR/Waterres/StreamsData/WQI.aspx>

WQI Score Comparison By Water Year



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