

King County DNRP Water Quality Index

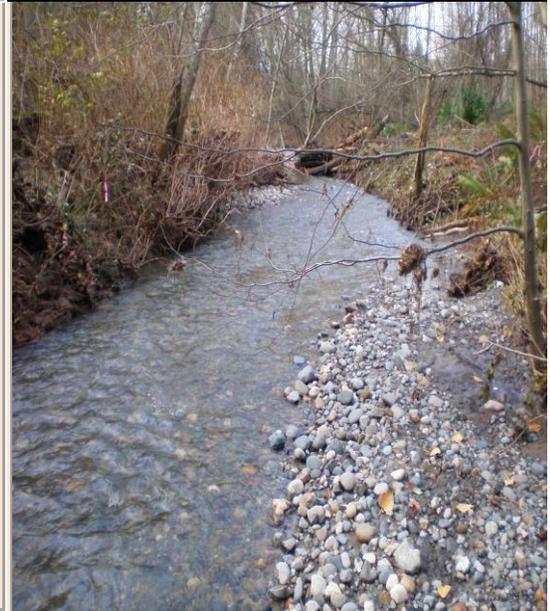
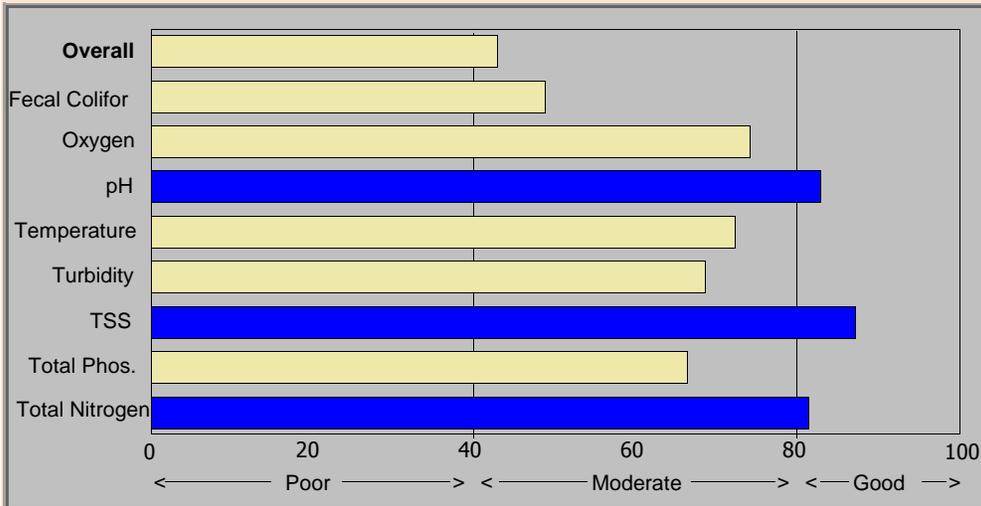
STATION WATER YEAR

GAUGE # **Overall Index**

Station 0442 is 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. King County resumed sampling at this station in February 2013. Coal Creek is located along the southern limit of Bellevue. The headwaters of Coal Creek originate in the steep terrain of Cougar Mountain (1400 ft). The creek flows for about 7 miles through a series of steep, narrow ravines before entering Lake Washington at Newport Shores. The drainage basin for the creek is roughly 4,550 acres. Land use in the Coal Creek basin is predominantly single-family and multi-family residences and parks, including the Cougar Mountain County Park and Coal Creek Regional Park. Coal Creek is on the 2012 Washington Department of Ecology's 303(d) list for violation of dissolved oxygen and fecal coliform bacteria standards. The Coal Creek basin has few returning adult salmon of any species, although substantial supplementation of

Annual Water Quality Index Scores

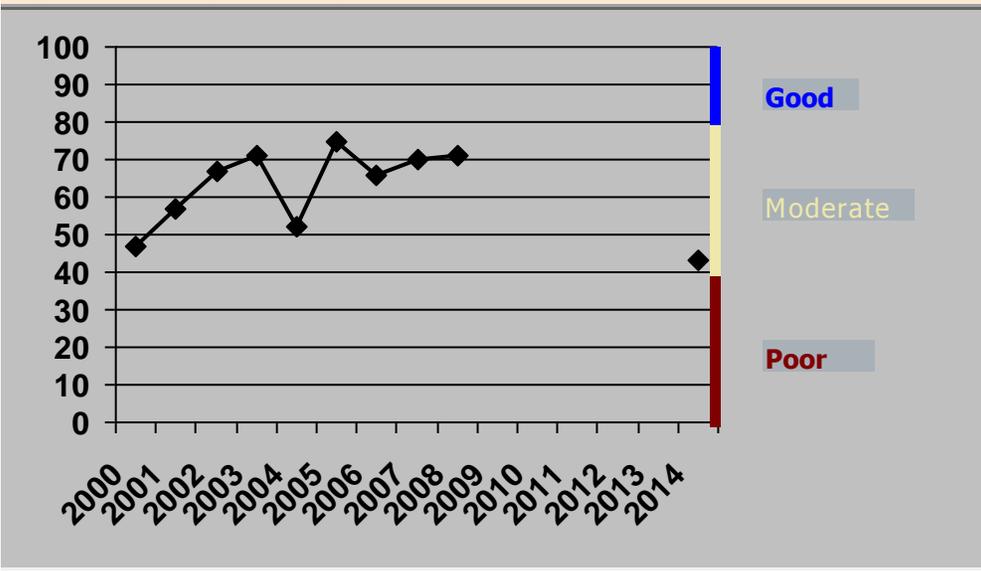
Water quality was MODERATE based on data collected 10/1/2013 to 9/30/2014.



Monthly Scores For Water Year 2014

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
91	95	95	98	65	63	91	81	81	69	1	81

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

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