

King County DNRP Water Quality Index

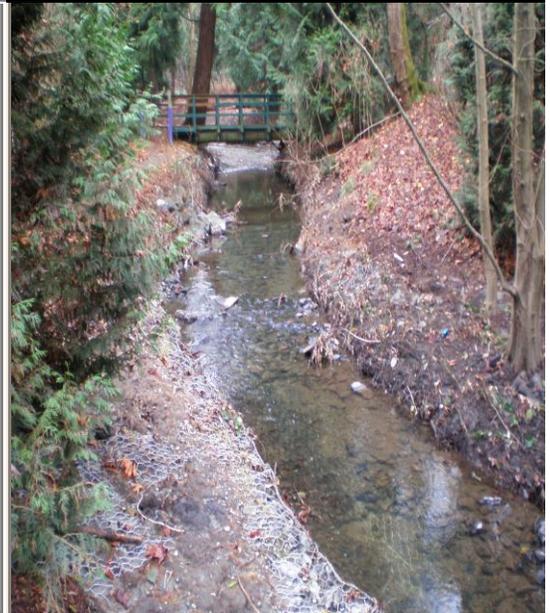
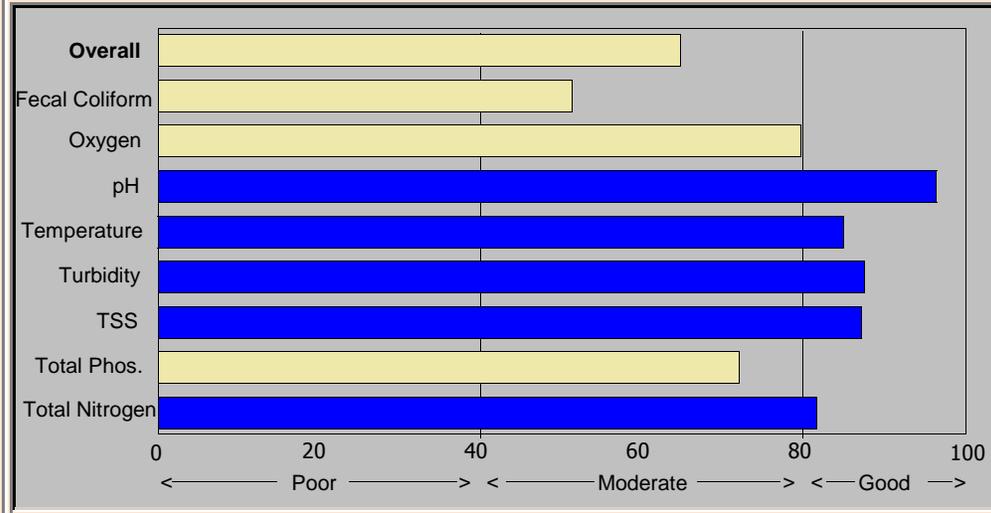
STATION **J370** WATER YEAR **2008**

GAUGE # 90b Longfellow Creek at Brandon St Overall Index **65**

King County has monitored water quality in Longfellow Creek at two locations. Water quality samples were collected at station J370, located at Brandon Street, from 1992 through 2008 when budget cutbacks reduced the breadth of King County's water quality monitoring program. Longfellow Creek flows 4.2 miles through West Seattle, one third of which is through pipes beneath shopping centers, houses, and roads, and drains into the West Duwamish Waterway. The basin encompasses 2,685 heavily urbanized acres. Longfellow Creek is on the 2012 Washington Department of Ecology's 303(d) list for violation of bacteria standards.

Annual Water Quality Index Scores

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



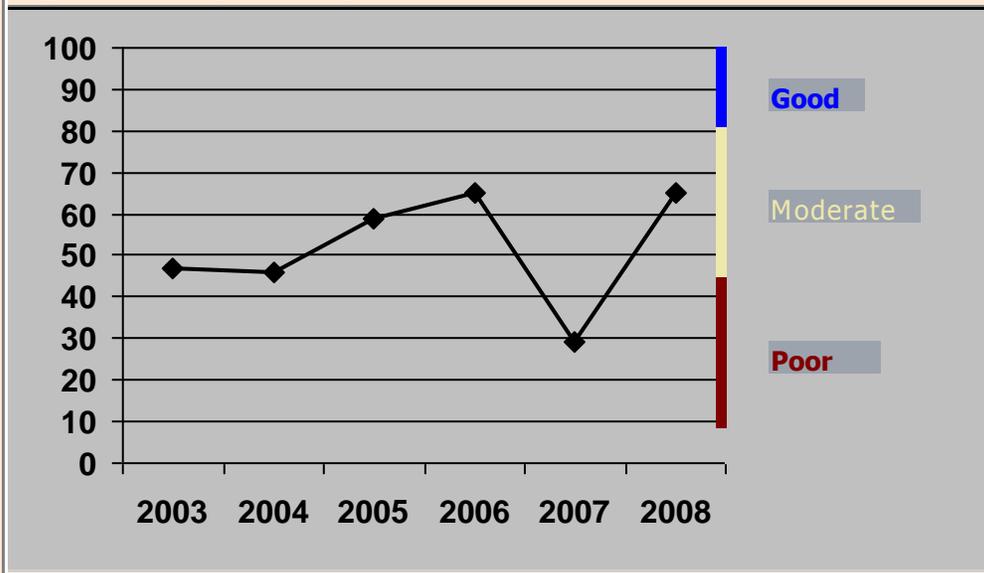
Monthly Scores For Water Year 2008

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
82	88	84	76	76	90	61	80	85	71	64	74

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>