

Main Listing Information

Listing ID: 13141
Waterbody Name: EDEN CREEK
Medium: Water
Parameter: Bacteria
WQI Project: None
Designated Use: None

Year	Category
2014	5
2012	5
2008	5
2004	5
1998	Y
1996	Y

Assessment Unit

Assessment Unit ID: 17110012000208 **County:** King
WRIA: 8 - Cedar-Sammamish

Basis Statement

Location ID: [KCM-A690] -- In water year 2009, 0 of 2 sample values (0%) showed an excursion of the % criterion for this waterbody (100 cfu/100mL). Fewer than five samples were available, therefore a geometric mean was not calculated for this period.

Location ID: [KCM-A690] -- In water year 2008, 2 of 12 sample values (17%) showed an excursion of the % criterion for this waterbody (100 cfu/100mL). The geometric mean of 27.8 does not exceed the geometric mean criterion (50 cfu/100mL).

Location ID: [KCM-A690] -- In water year 2007, 3 of 12 sample values (25%) showed an excursion of the % criterion for this waterbody (100 cfu/100mL). The geometric mean of 30.3 does not exceed the geometric mean criterion (50 cfu/100mL).

Location ID: [KCM-A690] -- In water year 2006, 3 of 11 sample values (27%) showed an excursion of the % criterion for this waterbody (100 cfu/100mL). The geometric mean of 51.8 exceeds the geometric mean criterion (50 cfu/100mL).

Location ID: [KCM-A690] -- In water year 2005, 6 of 12 sample values (50%) showed an excursion of the % criterion for this waterbody (100 cfu/100mL). The geometric mean of 70.2 exceeds the geometric mean criterion (50 cfu/100mL).

Location ID: [KCM-A690] -- In water year 2004, 1 of 7 sample values (14%) showed an excursion of the % criterion for this waterbody (100 cfu/100mL). The geometric mean of 28.8 does not exceed the geometric mean criterion (50 cfu/100mL).

King County unpublished data from station A690 (Eden Creek - WDF# 08.0144 at RM 0.1) show standards were not met each year in samples collected in 2002.

Remarks

Policy 1-11 was revised in July 2012 to specify that bacteria is assessed according to water year (Oct 1-Sept 30) from the previous assessment period of calendar year. The water year assessment is only applied to newly assessed data. Therefore, this listing contains data assessed by both water year and calendar year.

This listing contains E.coli data. E. coli is a subset of Fecal coliform bacteria therefore E.coli levels above the Fecal coliform standard can be used to infer an exceedance of this water quality standard.

Impairment was determined by exceedance of the percent criterion in water year(s) 2008, 2007, 2006, 2005, and 2004.

Data Sources

Study Id	Location Id
KCstrm-1	KCM-A690

Map Link

 [Map Link \(https://apps.ecology.wa.gov/waterqualityatlas/wqa/map?lstid=13141\)](https://apps.ecology.wa.gov/waterqualityatlas/wqa/map?lstid=13141)