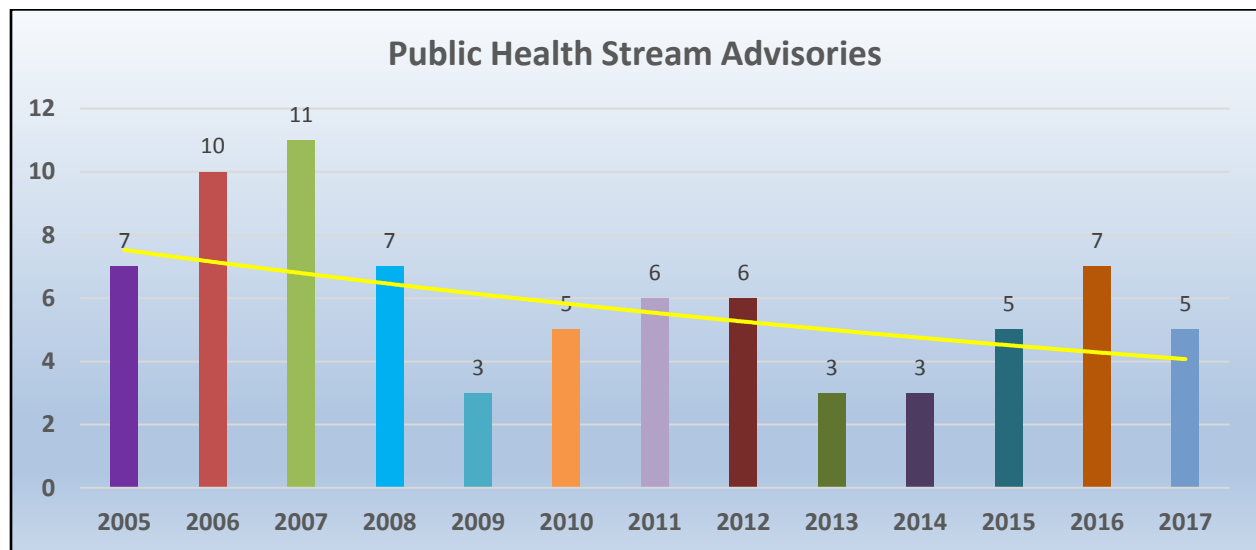


PUBLIC HEALTH ADVISORIES FOR POLLUTED STREAMS - 2017

The Health District posts warning signs along Kitsap County streams that are known to be contaminated with fecal coliform bacteria. These advisories have been updated each year since 2005. Based on recent water quality data from 2013-2016, there will be **five** streams posted with public health advisories in 2017. These streams are listed in the table below.

The Health Advisories on Lofall, Phinney, Ostrich Bay and Bjorgen Creeks have been continued from 2016. A new advisory has been added on Little Scandia Creek, and previous advisories have been lifted on Karcher, Barrantes, and Bear Creeks. The chart below shows that the number of streams with health advisories changes each year, and the trend over time is that fewer streams in Kitsap County contain this level of pollution. A map of these streams is shown on the next page.

Stream Name	Fecal coliform Bacteria GMV
Lofall (LF01)	595
Phinney (PH01)	392
Ostrich Bay (OB01)	390
<u>Bjorgen (BN01)</u>	333
<u>Little Scandia (LS01)</u>	308



High levels of fecal coliform bacteria indicate the presence of viruses and other pathogens that can make people sick. Kitsap Public Health issues advisories for contaminated streams so people can make informed decisions to protect their health, especially children who may play in these creeks during the summer months.

Under this policy, a contaminated stream is defined as having fecal coliform (FC) bacteria concentrations with a geometric mean value greater than or equal to **270FC/100ml**, using data from samples collected between May and September of the previous three years. This standard is based on an epidemiologic study correlating high levels of fecal coliform bacteria with illness outbreaks. (Ferley, 1989) The location of these streams are shown below.

