
Washington State Department of Health
2009 Early Warning System Summary for
Shellfish Growing Areas in Kitsap County



The Department of Health (DOH) places shellfish growing areas in a “Threatened” or “Concerned” status based on our assessment of threats to the growing area’s classification. This assessment is currently based on the identification of pollution sources that may impact public health, and/or how close a water sampling station’s bacteria levels are to the National Shellfish Sanitation Program’s (NSSP) standards. The latter has been the most common and is described below.

The NSSP prescribes two methods to evaluate fecal coliform levels at water sampling stations to classify growing areas: Systematic Random Sampling (SRS) and Adverse Pollution Conditions (APC). Both use a minimum of the last 30 samples. With the SRS method, the 90th percentile cannot exceed 43 fc/100mL. With the APC method, no more than 10% of the samples can exceed 43 fc/100mL. If any of these standards are exceeded, no shellfish can be directly harvested from the area of that station.

A Threatened status is assigned in SRS growing areas when a water sampling station’s 90th percentile is between 30 and 43 fc/100mL. In APC growing areas, a Threatened status is assigned if more than 6.0% of the samples have exceeded 43 fc/100mL.

A Concerned status is assigned where a water sampling station’s 90th percentile is greater than 20, but less than 30. The DOH is providing this information to county governments so that corrective actions can take place before water quality at the listed stations fails the shellfish standards.

BURLEY LAGOON GROWING AREA

Station Number 344	Threatened due to water quality
Station Number 331	Threatened due to water quality
Station Number 337	Threatened due to water quality
Station Number 339	Threatened due to water quality
Station Number 333	Concerns due to water quality
Station Number 335	Concerns due to water quality
Station Number 336	Concerns due to water quality
Station Number 343	Concerns due to water quality
Station Number 340	Concerns due to water quality
Station Number 342	Concerns due to water quality

DYES INLET GROWING AREA

Station Number 480	Threatened due to water quality
Station Number 482	Threatened due to water quality
Station Number 483	Threatened due to water quality
Station Number 491	Threatened due to water quality

HOOD CANAL #2 GROWING AREA

Station Number 87 Concerns due to water quality

LEMOLO GROWING AREA

Station Number 501 Concerns due to water quality