Washington Department of Fish and Wildlife

SURF SMELT, SAND LANCE, ROCK SOLE AND HERRING MAP

IN THE VICINITY OF T19R02W SECTION 5

Map Scale: 1:24,000  Production Date: Mar 10, 2009
Coordinate System: State Plane South Zone 5625 (NAD83 HPIII)
Map Designed by WDFW Information Technology Services GIS

PLEASE NOTE
All fish and wildlife species are vulnerable to harm from human activities. By receiving information on this map, from the Washington Department of Fish and Wildlife (WDFW), you incur an obligation to use it in a way that does not cause undue harm to our public fish and wildlife resources.

DISCLAIMER
This map only includes information that WDFW maintains in a central computer database. It is not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife. This information only documents the locations of fish and wildlife resources to the best of our knowledge. It is not a complete inventory and it is important to note that fish and wildlife resources may occur in areas not currently known to WDFW biologists, or in areas for which comprehensive surveys have not been conducted. Site specific surveys are frequently necessary to rule out the presence of priority resources.

This information is highly variable regarding source. Some of it is based on field surveys while others are based on "best professional judgment" of the biologist involved. This information has been generalized for the release to the general public. To insure appropriate use or for more specific information, users are encouraged to consult with WDFW biologists.

MAIN DATA SOURCES
Marine Resources and Forage Fish Survey Data: Washington Department of Fish and Wildlife.
Township/Section Data: Washington Department of Natural Resources.

Map Legend

Forage Fish/Marine Resources Data:
- Documented Surf Smelt Spawning Areas
- Documented Sand Lance Spawning Areas
- Documented Rock Sole Spawning Areas
- Documented Herring Spawning Areas

- Documented Herring Holding Areas
- Potential Surf Smelt/Sand Lance Spawning Areas

Other Symbols:
- Section Lines
- Township Lines

NOTE:
The spawning information for surf smelt, sand lance and rock sole are offset from the shoreline for display purposes only. The typical depths for herring spawning are +5 feet to -20 feet (MLWV).

Area Location Map

0 0.5 1 Miles