

Critical Areas KITSAP COUNTY Washington

Geologically Hazardous Areas

Erosion

High
Areas of high erosion hazard areas:
a. Channel Migration Zones, as mapped by the Washington Department of Ecology;
b. Coastal erosion with a sediment source rating value of 0.6 to 1.0, per the Prioritization Analysis of Sediment Sources in Kitsap County

Moderate
Areas of moderate erosion hazard areas:
a. Areas identified as geologically hazardous for soil erosion (soil type and slope grade) by NRCS Kitsap County Soil Survey;
b. Slopes 15 percent or greater, not classified as I, U, UOS, or URS with soils classified by the U.S. Department of Agriculture NRCS as "highly erodible" or "potentially highly erodible";
c. Coastal erosion with a sediment source rating value of 0.3 to 0.6 per the Prioritization Analysis of Sediment Sources in Kitsap County.

Landslide

High
Areas of high landslide hazard.
a. Shallow landslide areas with Factor of Safety (FS) of 0.5 to 1.5. FS is a method (Harp, 2006) for slope stability based on the angle of the slope from LIDAR elevation data and strength parameters.
b. Areas with slopes greater to or equal to 30 percent in grade and deemed by a qualified geologist or geotechnical engineer to meet the criteria of U, UOS, or URS.
c. All deep-seated landslides areas.

Moderate
Areas of moderate landslide hazard.
a. Shallow landslide areas with FS of 1.5 to 2.5
b. Slopes of 15 percent or greater and not classified as I, U, UOS, or URS, with soils classified by the U.S. Department of Agriculture NRCS as "highly erodible" or "potentially highly erodible"; or slopes of 15 percent or greater with springs or groundwater seepage
c. Slopes in all areas equal to or greater than 40 percent.

Seismic

High
Areas of high seismic hazard are those areas with faults that have evidence of rupture at the ground surface.

Moderate
Areas of moderate seismic hazard
a. Areas susceptible to seismically induced soil liquefaction, such as hydric soils as identified by the NRCS, and areas that have been filled to make a site more suitable for development. This may include former wetlands that have been covered with fill.
b. Areas identified as Seismic Site Class D, E, and F.
c. Faults without recognized evidence of rupture at the ground surface.

Waterbodies

Bay, estuary, Puget Sound
Lake, Pond, Reservoir, Gravel pit or quarry filled with water

Watercourses

(defined in WAC 222-16-030)
Fish Habitat Water Type Code

(S) Shoreline of the State
(F) Fish Habitat
(N) Non-fish Habitat
(U) Unknown, unmodeled hydrographic feature.

Potential Wetlands

Marsh, wetland, swamp, bog
Wetland data from Department of Natural Resources, National Wetland Inventory and Kitsap County Surveys

Hydric Soils

Soils in the DNR/SCS survey area. Hydric soils include: Bellingham silty clay loam, McKenna gravelly loam, Mukiteo peat, Norma fine sandy loam, Semiahmoo muck, Shalcar muck, Shelton-McKenna complex, 0-10 percent slopes and Tacoma silt loam

FEMA Flood Zone

High Risk - Coastal Area Zones
Coastal areas with a 1% or greater chance of flooding and an additional hazard associated with storm waves.

High Risk Areas Zones A, AE
Zone A: Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage.
Zone AE: The base floodplain where base flood elevations are provided.

20' Contours
Unincorporated Urban Growth Area
Incorporated City
Tax Parcels (Full Ownership)

Street Center Lines

State Highway
Major Road
Collector / Arterial
Railroad Lines
Ferry Routes
Ferry Terminals

This map was created from existing map sources, not from field surveys. Determination of fitness for use lies with the user, as does the responsibility for understanding the accuracy and limitations of this map and data.

The information on this map may have been collected from various sources and can change over time without notice.

While great care was taken in making this map, there is no guarantee or warranty of its accuracy as to labeling, placement or location of any geographic features present. This map is intended for informational purposes only and is not a substitute for a field survey.

Kitsap County and its officials and employees assume no responsibility or legal liability for the accuracy, completeness, reliability, or timeliness of any information on this map.

Critical Areas described by Kitsap County Critical Areas Ordinance
Kitsap County Code Title 19

Map Published Date: April 27, 2017

This map depicts Critical Areas, as defined in Title 19 Kitsap County Code (Critical Areas Ordinance), and is for informational and illustrative purposes only (WAC 365-190-080).

This map includes:
• Wetlands (Chapter 19.200 KCC)
• Fish and Wildlife Habitat Conservation Areas (Chapter 19.300 KCC) - Streams, lakes, waterbodies ONLY
• Geologically Hazardous Areas (Chapter 19.400 KCC)
• Frequently Flooded Areas (Chapter 19.500 KCC)

This map does NOT include:
• Critical Aquifer Recharge Areas (Chapter 19.600 KCC). Please see separate Critical Aquifer Recharge Areas map.
• This critical area applies primarily to commercial, industrial, and mining uses.
• Fish and Wildlife Habitat Conservation Areas (Chapter 19.300 KCC), other than streams and lakes.
Please see the Priority Habitats and Species maps and database provided by the Washington Department of Fish and Wildlife (<http://wdfw.wa.gov/conservation/phs/>) for the most recent information on Class 1 and Class 2 Fish and Wildlife Habitat Conservation Areas.

Scale of Miles
0 1 2 Miles

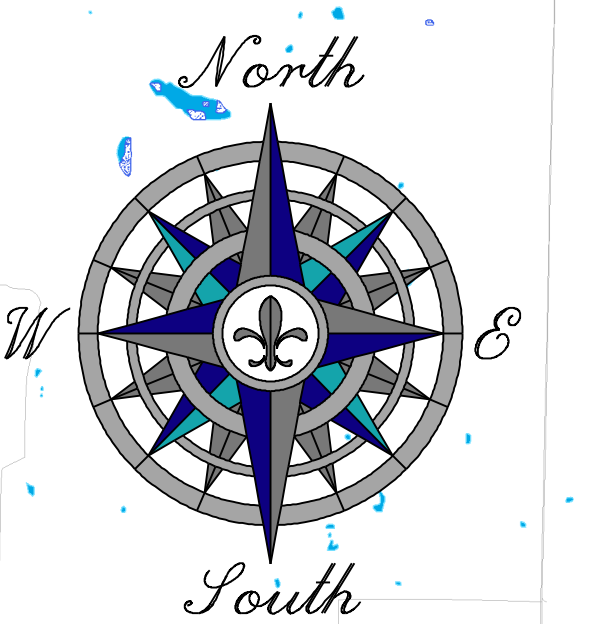


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Product of Kitsap County Geographic Information System



PIERCE COUNTY

JEFFERSON
COUNTY

MASON COUNTY

PUGET SOUND

COLVOS PASSAGE

HOOD CANAL

HOOD CANAL

HOOD CANAL

SINCLAIR INLET

DUKE INLET

PORT ORCHARD BAY

PORT ORCHARD BAY

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