



# REACH WW08

Dave Mackie Park, Maxwelton

## SHORELINE LENGTH:

5.74 Miles

## REACH AREA:

371 Acres

## PSNERP PROCESS UNITS:

5033, 5034

### REACH SUMMARY

Dave Mackie Park, Maxwelton (Reach WW08) includes the unincorporated shoreline community of Maxwelton along the shoreline between Useless Bay and Scatchet Head (Oblique Photo D) Geomorphic shoreline processes are primarily influenced by a long north-trending drift cell extending from the Scatchet Head into Useless Bay. Feeder bluffs feed two primary areas of accretion — the first at Scatchet Head and the second along the shoreline fronting Maxwelton.

A large wetland complex is associated with the shoreline at the center of the reach, extending inland along several stream corridors. Drainages combine within the wetland before discharging to the marine shoreline; this stream is mapped with salmonid use (the marine area fronting the stream is the only documented area of juvenile rearing within Island County). A second stream without inventoried salmon use drains to the shoreline at the south end of the reach. Marine aquatic areas provide documented Dungeness crab and hardshell clam habitats.

Land use is rural to moderate density residential development, along with areas of commercial agriculture and limited areas of rural agriculture. Public access is provided by Dave Mackie Park in core of Maxwelton community. Shoreline modifications are focused on reach fronting the park, including a boat launch facility within the park.

### GEOMORPHIC KEY INFORMATION

#### Geomorphic Shoretype (Map 9)

Relatively long reach is characterized by alternating areas of Feeder Bluff (41%), Feeder Bluff Exceptional (26%), Transport Zone (4%), and Accretion Shoreform (28%) (two primary areas of accretion depicted in oblique photos B and D)

#### Net Shore Drift (Map 8)

This reach encompasses most of the length of a drift cell with northward drift from Scatchet Head to Useless Bay.

#### Shoreform Current (Map 10)

Barrier Beach (11%); Bluff-backed Beach (78%); Artificial (11%)

#### Overall Rating of Degradation

Least (97%); Less (3%)

#### Coastal Floodplain:

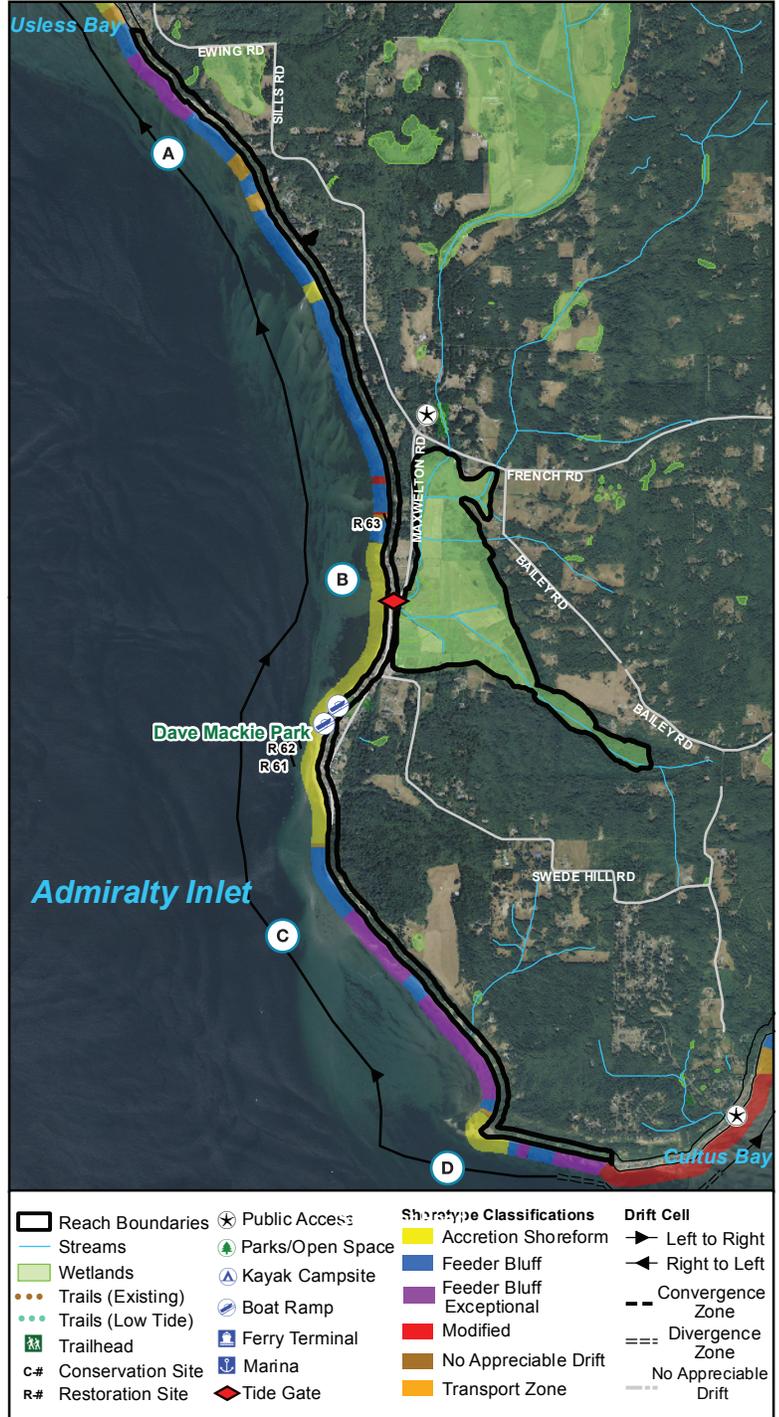
63%

#### Coastal Landslides & Toe Erosion:

Toe erosion at reach's southern feeder bluff.

#### Steep Slopes

23%



Shoreline Oblique Photos (2006)

