






Forage Fish Data & SoundIQ



Habitat Suitability Index (HSI)

Substrate and Shoreline Modifications

Shoreline Modification (in %)

-  0 - 10
-  11 - 30
-  31 - 60
-  61 - 80
-  81 - 100

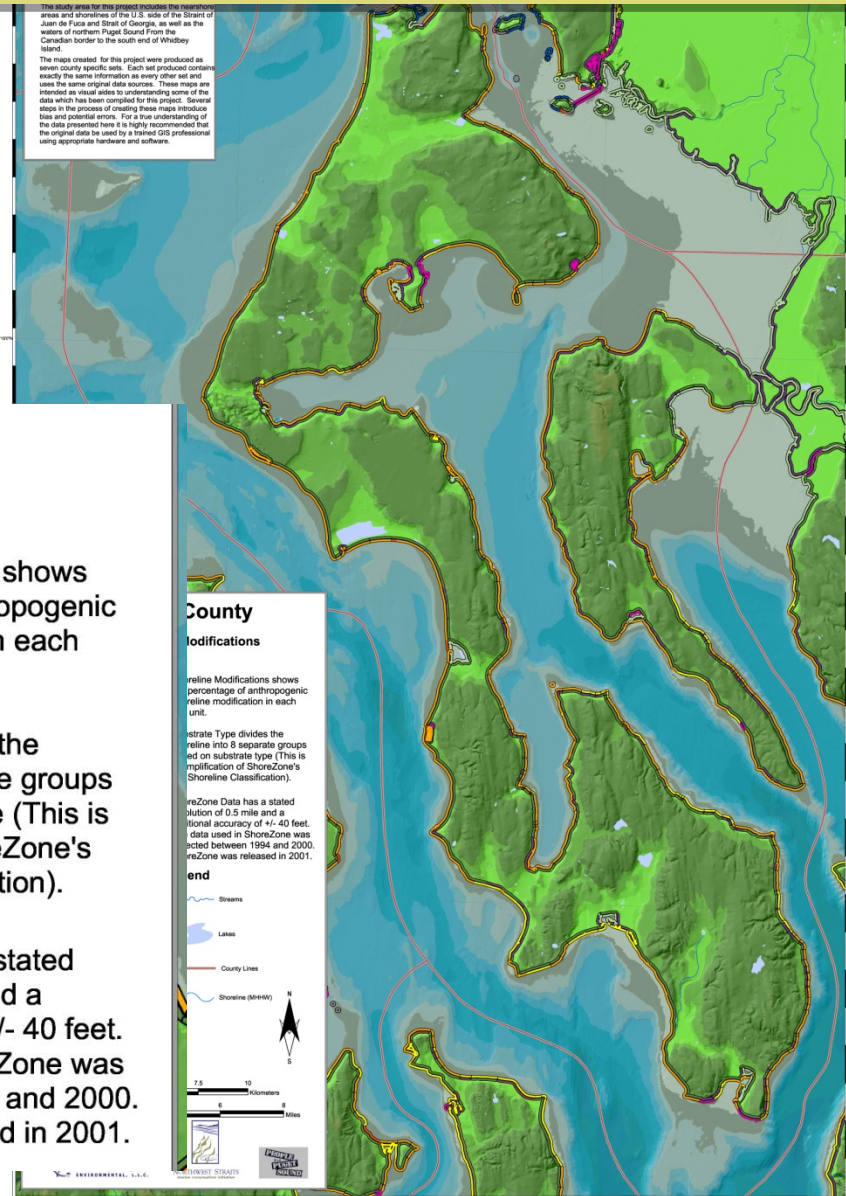
Substrate Type

-  mud and fines
-  sand
-  gravel and sand
-  gravel
-  rock, gravel, and sand
-  rock
-  man-made

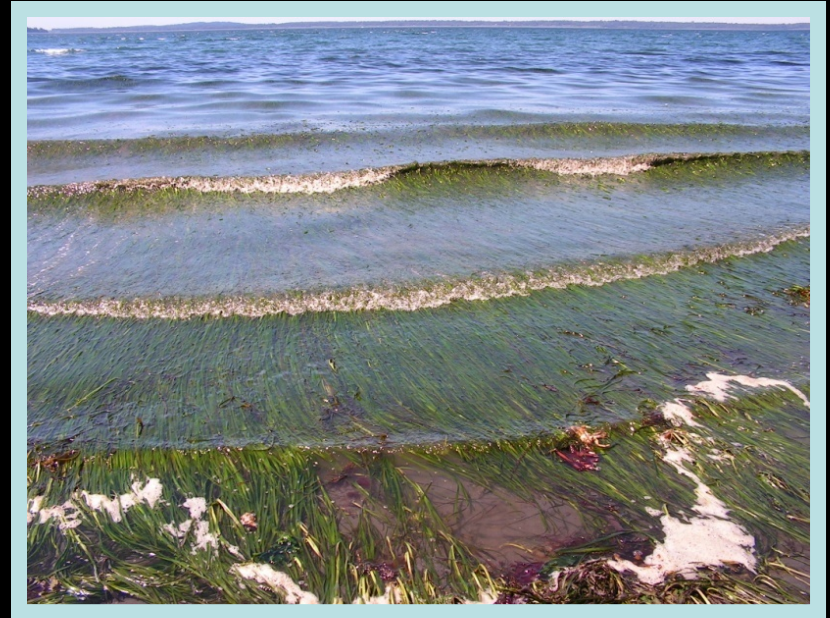
Shoreline Modifications shows the percentage of anthropogenic shoreline modification in each line unit.

Substrate Type divides the shoreline into 8 separate groups based on substrate type (This is a simplification of ShoreZone's BC Shoreline Classification).

ShoreZone Data has a stated resolution of 0.5 mile and a positional accuracy of +/- 40 feet. The data used in ShoreZone was collected between 1994 and 2000. ShoreZone was released in 2001.



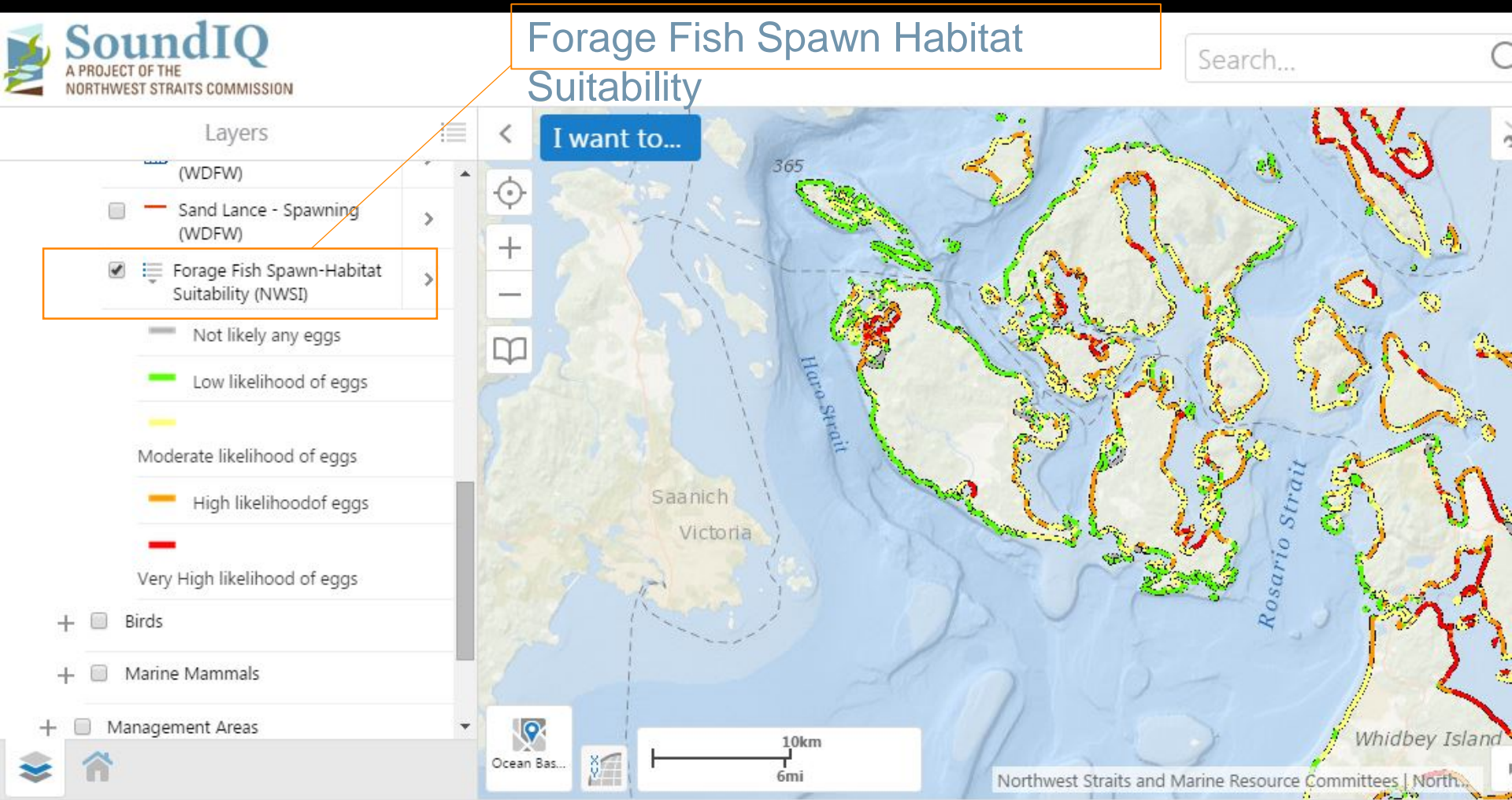
Positive Scores for Natural Features



Negative Scores for Human Impacts

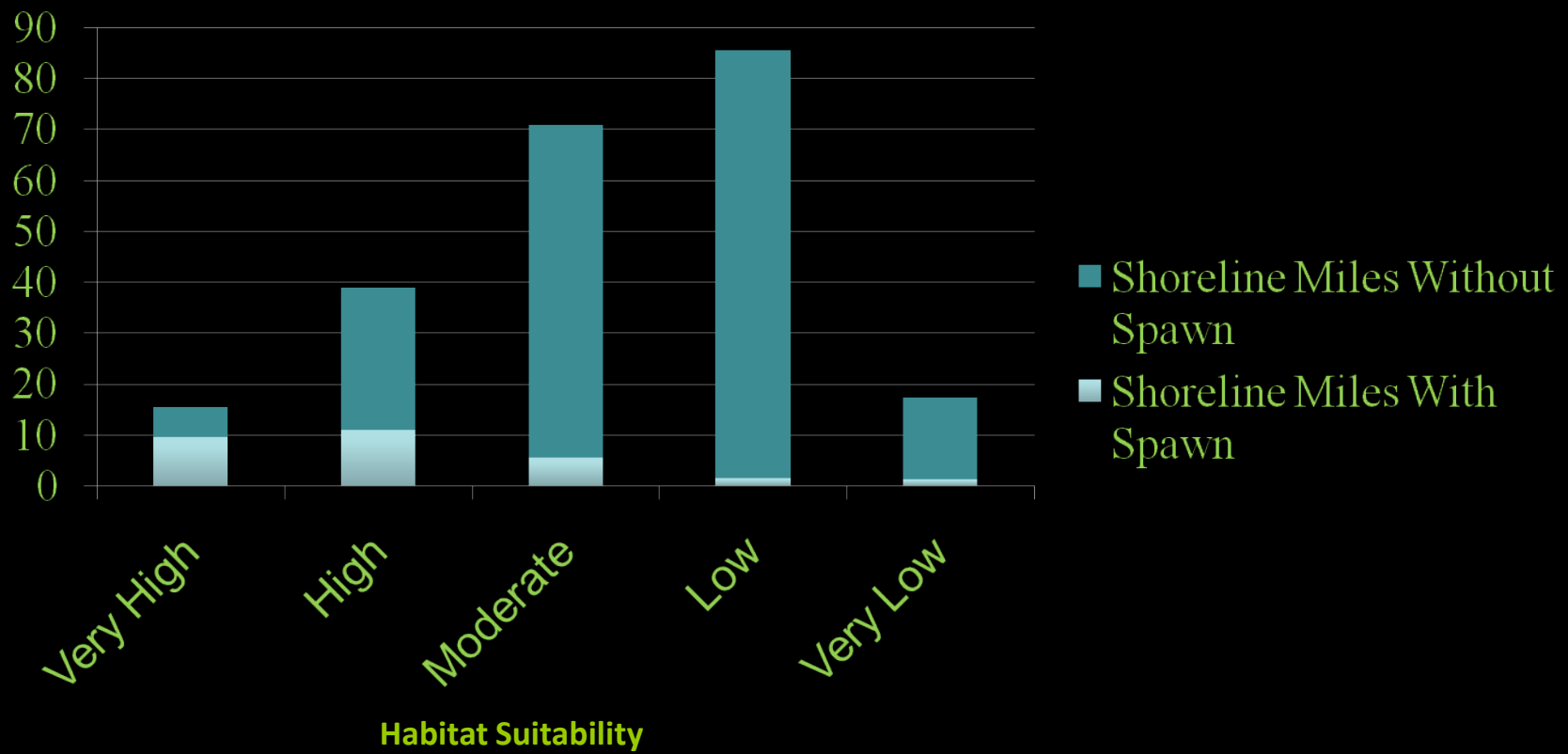


Combine Spawn Surveys with Habitat Suitability



How well are we protecting FF Habitat?

(Where is habitat suitability high, but spawn has not been documented?)



Prioritize Restoration?

Bowman Bay



15+ Years of Nearshore Data



SoundIQ



SoundIQ

A PROJECT OF THE
NORTHWEST STRAITS COMMISSION

Home



I want to...



Welcome to SoundIQ!

What can I do with SoundIQ?

SoundIQ allows you to search for Puget Sound-area information and create custom maps. This mapping interface is flexible and should work on desktop, tablet and phone devices.

Among other things, you can:

 Find published MRC reports for a site

Use the I want to button and choose "Run a Beach Report", click on the map to select the area, and wait for the tool to finish. Your report will include relevant reports for that area.

 Search for a location

Find map features and other results by using




Ocean Bas...



40km
30mi

Northwest Straits and Marine Resource Co

SoundIQ Data Report

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Layers

All Available Layers

☒ Operational Layers

☒ Plants And Animals

☒ Plants

☐ Eelgrass Presence (SJC)

☐ Eelgrass Presence 2009-2014 (IC)

☐ Eelgrass Video Points (JC)

☒ Eelgrass & Surf Grass (CC)

☒ Eelgrass Polygons 2006 and 2009 (CC)

☒ Grass Areas 2006 (CC)

☒ Grass Areas 2009 (CC)

☐ Eelgrass Outer Extent (SJC)

☐ Eelgrass Species (SnoCo)

☐ Eelgrass (WA DNR)

☒ Kelp (WA DNR)

☐ Floating Kelp (SJC)

☐ Kelp Aerial Photos

☐ Intertidal - Snohomish MRC


☐ Invertebrates


☒ MESA Sites 1976-77 (Invertebrates & Algae)(CC)


☒ Invertebrates (NAOO/ESI)


☐ Fish


I want to...


 **Identify features that are visible on the map**
Click, tap, or draw a rectangle on the map to identify features.


 **Generate a SoundIQ Data Report**
Lists relevant MRC reports for the area you selected


 **Print a Map**
Make a printable PDF map. (Disable your pop-up blocker.)

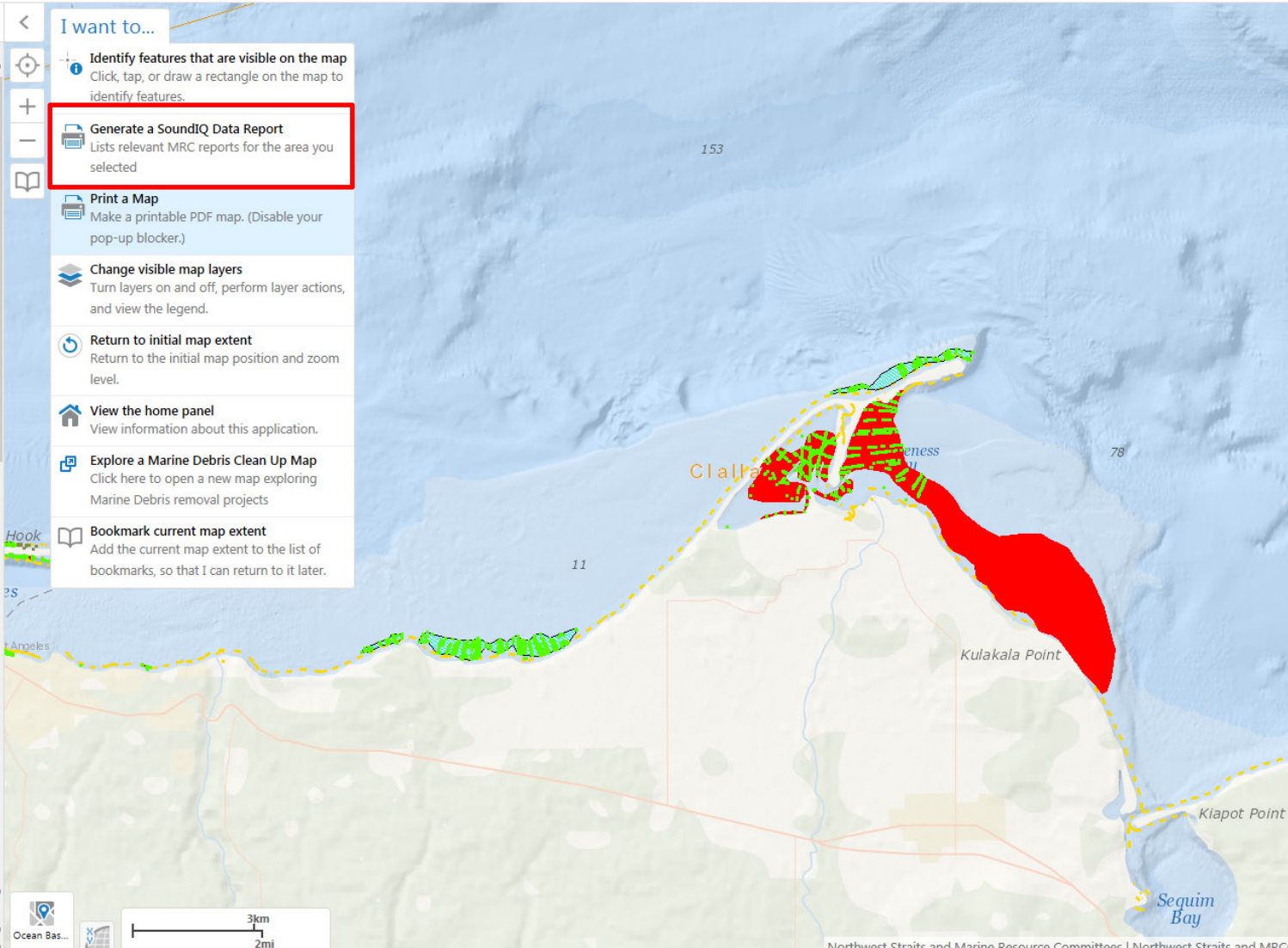
 **Change visible map layers**
Turn layers on and off, perform layer actions, and view the legend.

 **Return to initial map extent**
Return to the initial map position and zoom level.




 **View the home panel**
View information about this application.

 **Explore a Marine Debris Clean Up Map**
Click here to open a new map exploring Marine Debris removal projects

 **Bookmark current map extent**
Add the current map extent to the list of bookmarks, so that I can return to it later.



Map showing the SoundIQ Data Report area, including Clallam County, WA, and surrounding waters. The map displays various layers, including Eelgrass Presence, Eelgrass Polygons, and Kelp. The map also shows the location of Kulakala Point, Klapot Point, and Sequim Bay. The map includes a scale bar indicating 3km and 2mi.



Ocean Basins

3km
2mi

Northwest Straits and Marine Resource Committees | Northwest Straits and MRC

SoundIQ - Data Report

Documents and Reports Related to this Area

Clallam County-Eelgrass Inventory in Crescent Bay, Freshwater Bay, Port Angeles Harbor and Dungeness Bay

[Click to view report \(PDF\) - 24.555 KB](#)

Author(s): Jim Norris, Ian Fraser

Description: Eelgrass field survey using underwater video (2009)

Eelgrass Mapping Along the Elwha Nearshore

[Click to view report \(PDF\) - 927 KB](#)

Author(s): Jim Norris, Ian Fraser

Description: Eelgrass field survey using underwater video (2006)

The Intertidal and Shallow Subtidal Benthos of the Strait of Juan de Fuca

[Click to view report \(PDF\) - 4302 KB](#)

Author(s): Nyblad et al.

Description: Algae and macroinvertebrate survey (1977-78) at Dungeness Spit and Morse Creek

Washington Coast Cleanup

[Click to view report \(online website\) - ?](#)

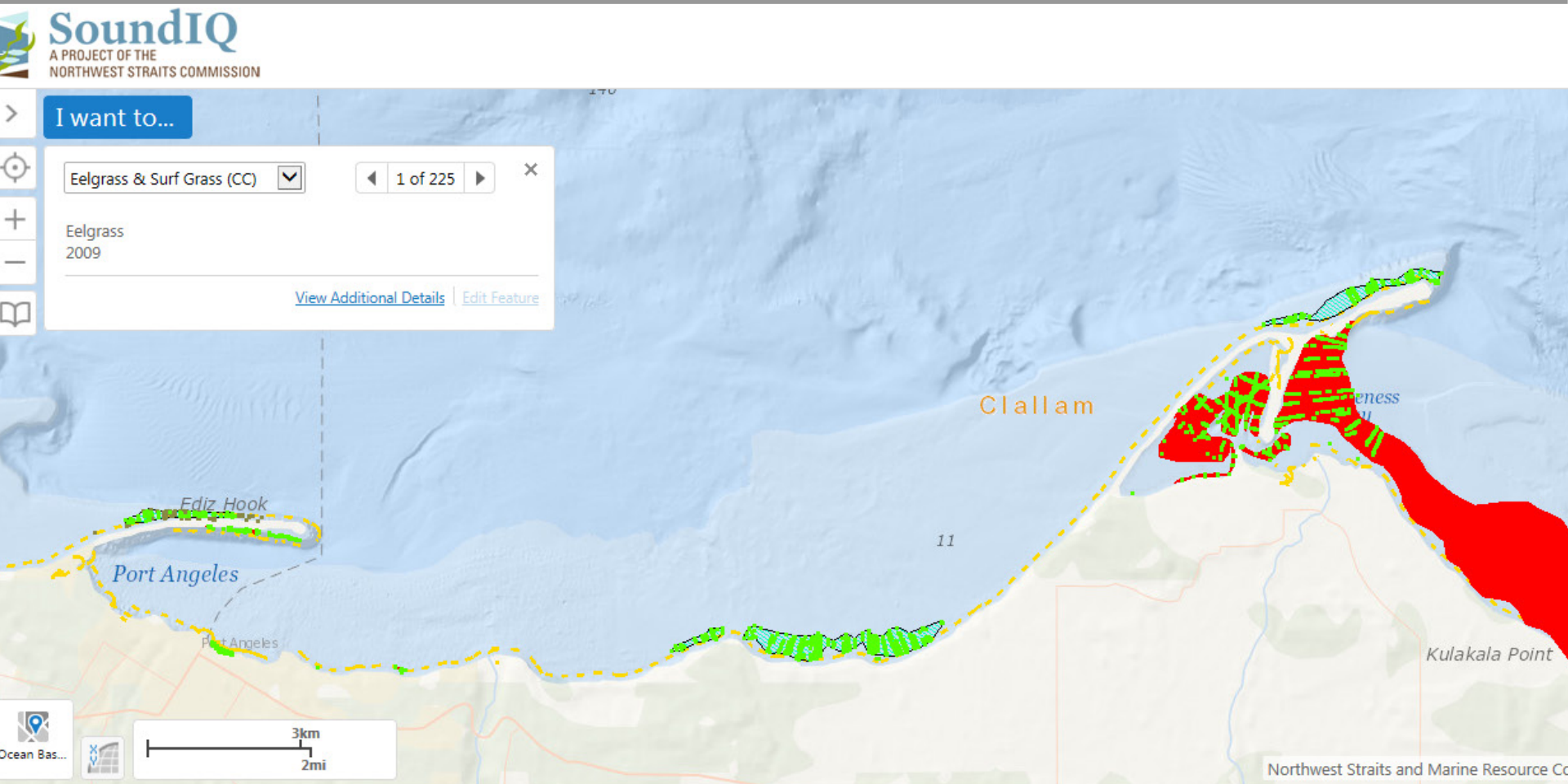
Author(s): Washington CoastSavers

Description: Marine debris cleanup locations along Strait of Juan de Fuca (Dungeness Spit)

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[About Northwest Straits SoundIQ](http://www.nwstraits.org/our-work/soundiq/) -- <http://www.nwstraits.org/our-work/soundiq/>

Access to data and download



Identify Results (238)

Northwest Straits B... Eelgrass & Surf Gra... Grass Areas 2009 (...)

Plant Type	Layer	Year	OBJECTID	Shape
Eelgrass	flats49eelgrass	2009	18883	Point
Eelgrass	flats49eelgrass	2009	18884	Point
Eelgrass	flats49eelgrass	2009	18885	Point

SoundIQ data to web maps and Story Maps!

SoundIQ

ArcGIS - Northwest S

_MG_7547+++Copy+


2016 Kelp Surveys

2016 Kelp Surveys

https://waecy.maps.arcgis.com/apps/MapJournal/index.html?appid=d42020ac74f843efad5fbbebbf99aff56

Google M hj My Content


Northwest Straits Kelp Survey Story... f t l

**Northwest Straits INITIATIVE**
partners in marine conservation

2016 Kelp Surveys

Jefferson County - North Beach West

North Beach West was surveyed 11 times total over three months on several tidal heights and some simultaneous surveys (including one phone gps file).



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Home
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
LEGEND

North Beach East

BedName	North Beach East
SurveyDate	July 11, 2016
Acres	9.25
TidalHt_Ft	2.92
Time (GMT)	21:30
Surveyor	Jeff (phone)
ToBe	More info
ToWa	More info
ToBeL	More info
ToBeR	More info
SurveyID	July 11 Med Surveyor 1

OVERVIEW MAP

Image courtesy of USGS, Earthstar Ge...

POWERED BY 

Explore SoundIQ!

