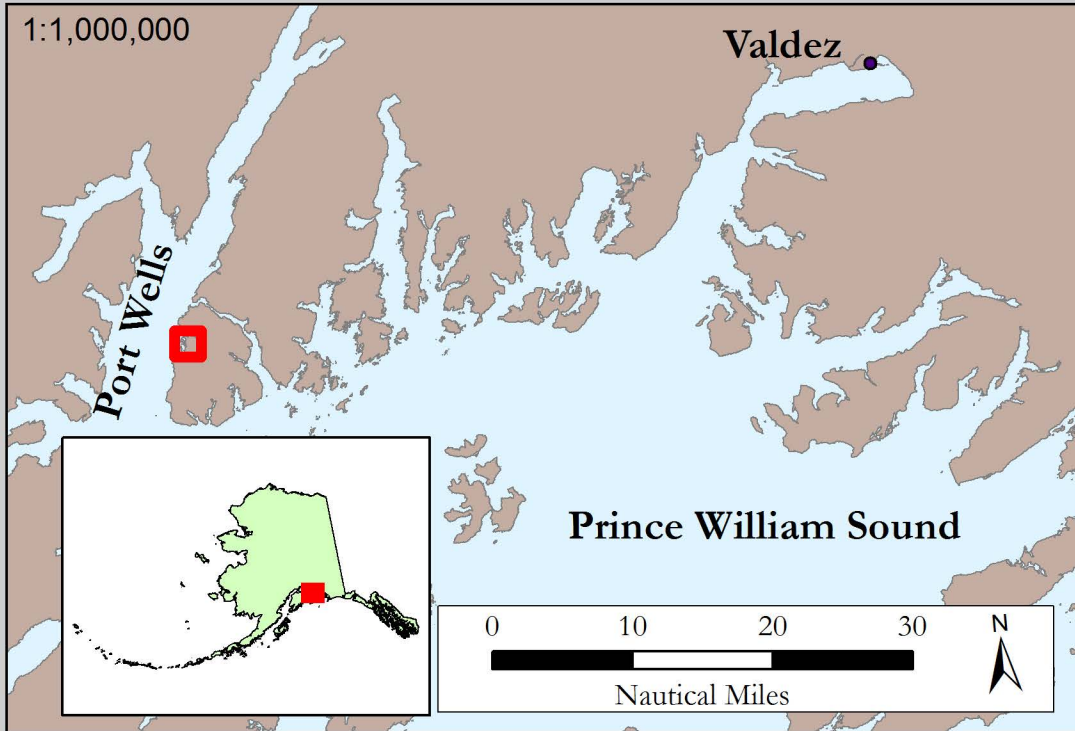
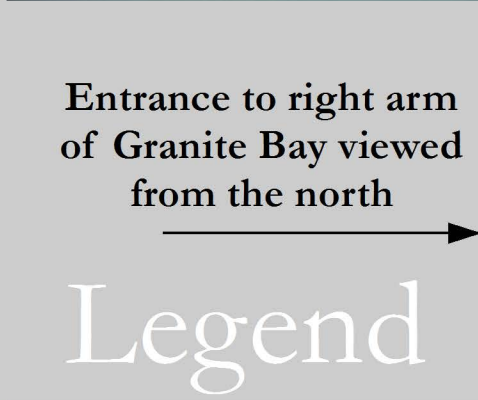


Map & Photo







Entrance to Granite Bay
Viewed from west



Entrance to right arm
of Granite Bay viewed
from the north



Legend

-  Free Oil Containment & Recovery, Shallow Water
-  Exclusion Boom
-  Bears in Area, Guards Needed
-  Shoreseal Boom
-  Protected Water Boom

Geographic Response Strategies for Prince William Sound NW Zone

Granite Bay, PWS-NW-20

1:15,000





Map is not intended
for navigational use.

Lat. 60° 52.93' N
Lon. 148° 05.24 W
(center of map)

Produced by: NUKA Research And Planning Group, LLC, August 13, 2012
Updated by: ADEC and USCG, Sep 10, 2019

Satellite image date: May 12, 2014
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
PWS NW-20-01 	Granite Bay Nearshore waters in the general area of: Lat. 60° 52.45' N Lon. 148° 06.19' W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Granite Bay, depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up-current of Granite Bay. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Whittier	Via marine waters Chart 16711-1	Same as NW-20-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
PWS NW-20-02 	Granite Bay Lat. 60° 52.26' N Lon. 148° 05.95' W	Exclusion Exclude oil from impacting the salmon stream and intertidal area in Granite Bay.	Deploy anchors and boom with skiffs (class 6) at high tide. Place 400 ft. protected-water boom in a chevron pattern in front of the stream mouth and intertidal area. Add 100 ft. tide seal boom to east shore and 50 ft. tide seal boom to west shore. Tend throughout the tide.	Deployment Equipment 400 ft. protected-water boom 150 ft. tide seal boom 1 ea. anchor systems 4 ea. anchor stakes Vessels 1 ea. class 3 2 ea. class 6 Personnel/Shift 5 ea. vessel crew/general techs Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 3 ea. vessel crew/general techs	Vessel platform	Via marine waters Chart 16711-1	Fish- intertidal spawning-salmon (May-Sept) Birds- waterfowl concentration Marine mammals- sea otters Habitat- sheltered rocky shoreline	Vessel master should have local knowledge. Navigation inside bay is safe, but access is challenging for vessels larger than seine skiffs. The FOSC Historic Properties Specialist should INSPECT site prior to operations. Title 16 Fish Habitat Permit required from ADF&G. Bears present. Bear guard required. Site surveyed 6/6/09 by PWS Tactics Committee. Tested: September 7, 2018; SERVS