



Marine Debris Challenges Along the Northern Gulf of Alaska Coast



Chugach National Forest





EVOSTC ADEC/GoJ

GoAK 2015-16 Marine Debris Projects

-Alaska Department of Environmental Conservation JTMD Cleanups (Funded with Government of Japan gift through NOAA) Montague Island, Kayak Island, Gore Point, Afognak Island

-ADEC/GoJ/NOAA helicopter/barge marine debris removal projects



Northern Gulf of Alaska

Gulf of Alaska Keeper's marine-debris cleanup area

Anchorage

Seward

Whittier

Prince William Sound

Valdez

Cordova

Montague Island

Kayak Island/Okalee Spit

Homer

Ruka Island
Gore Point
Elizabeth Island

Barren Islands

Afognak & Shuyak Island ITN/Blue Fox Bay Lodge

Kodiak - ITN

NOAA





















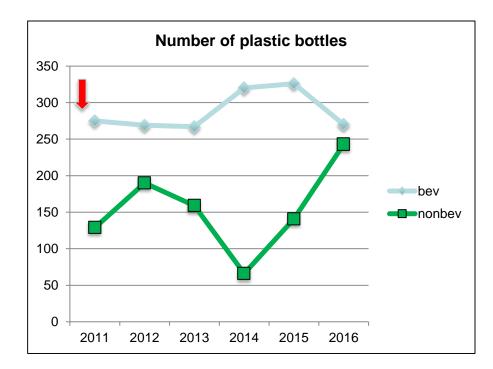


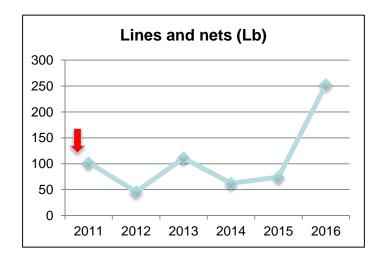




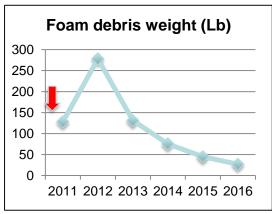


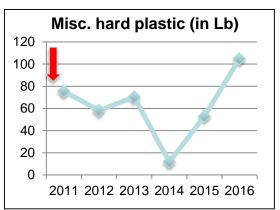
GoAK Monitoring Program; Prince William Sound.

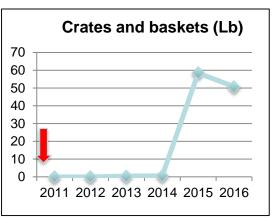
































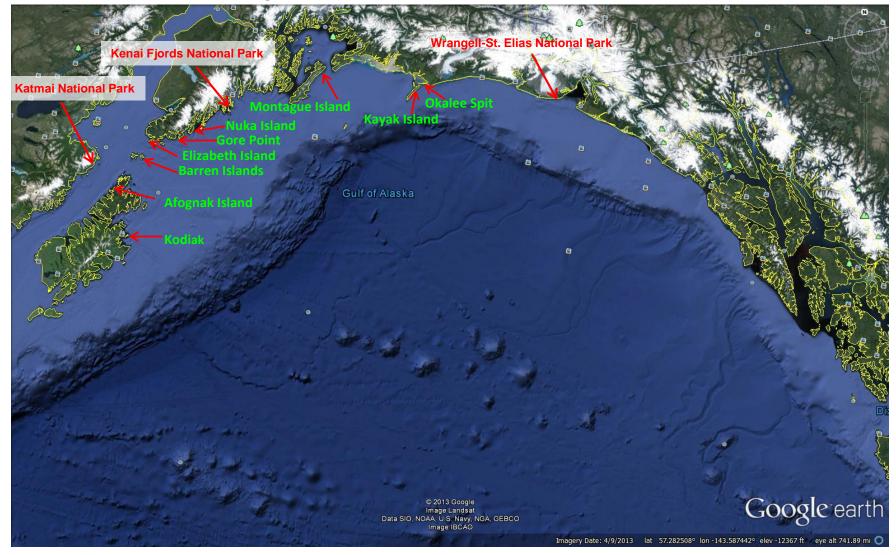








2015-16 Helicopter/Barge GoJ/NOAA/ADEC Marine Debris Removal Projects



Japanese Tsunami Marine Debris (JTMD) Consolidation and Loading Sites

Sites where JTMD was removed during the barge projects. JTMD was also removed from Vancouver Island's Barkley Sound Broken Island Group







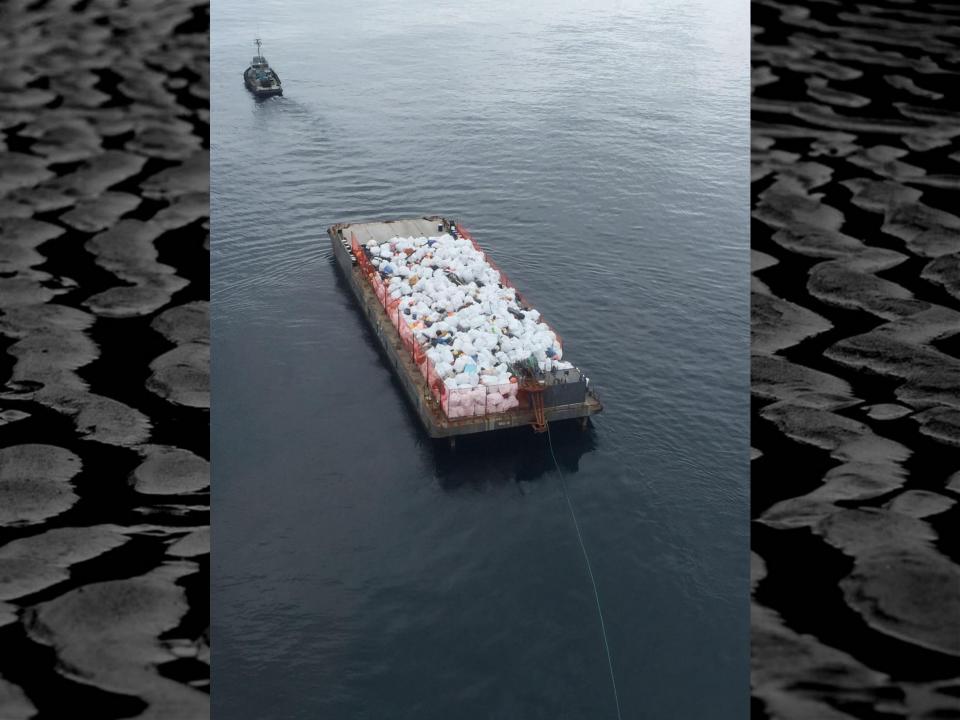
















Recycling Considerations

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-What

-Where

-How

-Economics











2015 Helicopter/Barge Debris Removal Cost -<u>Removal and Disposal</u> of 1 million pounds @ \$1.1 million = \$1.10/pound

Funding: Government of Japan-\$900,000 EVOSTC, AK LEG, NPS, Blue Fox Bay, GoAK, Ucluelet - \$200,000

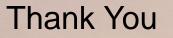
\$1.5 million spent over 3 seasons (2013-2015) on 21 cleanup projects which contributed debris to the 2015 helicopter/barge project.

2015 Total Cleanup cost of \$2.6 million @ \$2.60/pound

2016 Total Cleanup Cost: \$911,000 (Government of Japan) 500,000 pounds removed = \$1.82/pound







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