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
Whittier
Homer
Seward
Valdez
Cordova
Prince William Sound
Montague Island
Kayak Island/Okalee Spit
Nuka Island
Gore Point
Elizabeth Island
Barren Islands
Afognak & Shuyak Island
ITN/Blue Fox Bay Lodge
Kodiak - ITN

NOAA
GoAK Monitoring Program; Prince William Sound.

**Number of plastic bottles**
- **bev**
- **nonbev**

**Foam debris weight (Lb)**

**Misc. hard plastic (in Lb)**

**Lines and nets (Lb)**

**Crates and baskets (Lb)**

Japanese Tohoku Tsunami
804 大 魚 船 渡
市場
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

-What
-Where
-How
-Economics
2015 Helicopter/Barge Debris Removal Cost
- Removal and Disposal 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
Thank You

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