



2015 ARCTIC COASTAL PLAIN ESTUARY SURVEY

Photos courtesy of the Alaska Department of Environmental Conservation

The NOAA ship Ronald H. Brown served as a base of operations during the survey. A smaller launch, the Peggy D provided access to estuary sites.



Estuaries within the Arctic Coastal Plain of the National Petroleum Reserve-Alaska was the sample population. A total of 40 sites were randomly selected from six estuaries.





In situ water quality was analyzed using a Seabird 19plus.



Water samples were taken using Niskin bottles.

Sediment chemistry and benthic samples were collected using a Ponar sampler.





Trawls were conducted in each estuary, very little material was collected.



Sea ice caused navigational and safety concerns the further east we traveled in the Beaufort Sea. It prevented us from sampling Harrison Bay completely.



Safety meetings were an essential part of each sampling day. Working in the arctic requires extra planning and precautions.



The crew was comprised of staff from National Ocean Atmospheric Administration, University of Alaska, Department of Environmental Conservation and a volunteer. Dr. Ian Hartwell, NOAA, served as the Principal Investigator.



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BOEM Disclaimer

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