



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.







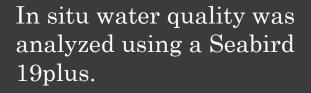
Estuaries within the Arctic Coastal Plain of the National Petroleum Reserve-Alaska was the sample population. A total of 40 sites were randomly selected from six estuaries.













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.



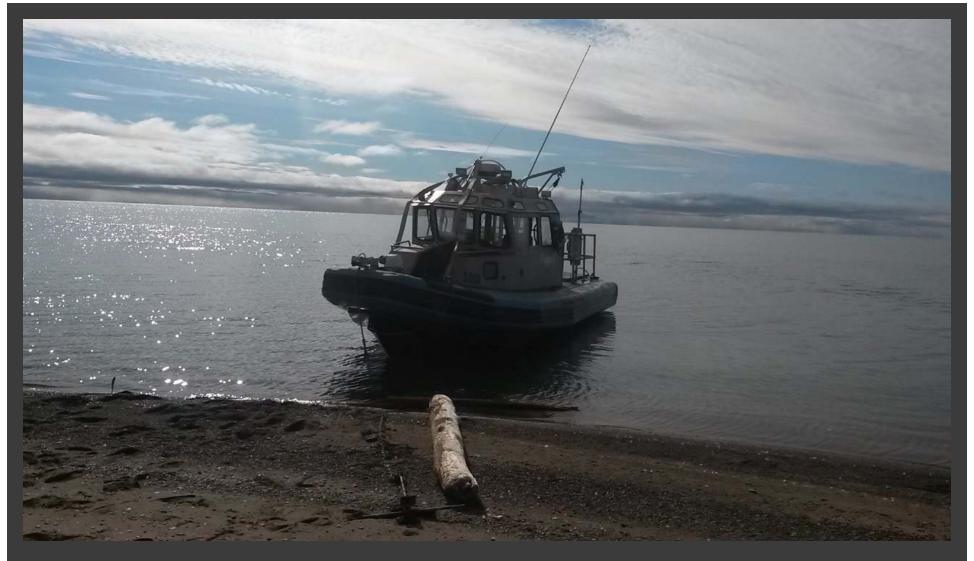


Safety meetings were an essential part of each sampling day. Working in the arctic requires extra planning and precautions.





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.



Acknowledgements

This project is funded through multiple sources including National Oceanic and Atmospheric Administration; U.S. Environmental Protection Agency; U.S. Department of the Interior, Bureau of Ocean Energy Management; State of Alaska; and University of Alaska Fairbanks.

BOEM Disclaimer

A portion of the study concept, oversight, and funding were provided by the US Department of the Interior, Bureau of Ocean Energy Management (BOEM), Environmental Studies Program, Washington, DC, under Contract Number M15AS00001. This report has been technically reviewed by BOEM and it has been approved for publication. The views and conclusions contained in this document are those of the authors and should not be interpreted as representing the opinions or policies of the US Department of the Interior, Bureau of Ocean Energy Management, Environmental Studies Program, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.