



2015 ARCTIC COASTAL PLAIN STREAMS SURVEY

Photos courtesy of the Alaska Department of Environmental Conservation

In July 2015 ADEC staff sampled 26 streams and rivers from throughout the Arctic Coastal Plain of the National Petroleum Reserve – Alaska.





Sites were accessed using a Robinson R-44 helicopter.

The physical habitat crew collected macroinvertebrate and diatom samples and recorded physical characteristics at eleven transects within the study reach.





Habitat crew members measure discharge and thalweg depth.

The fish crew used an electrofishing unit to sample fish.



Photo by Terri Lomax

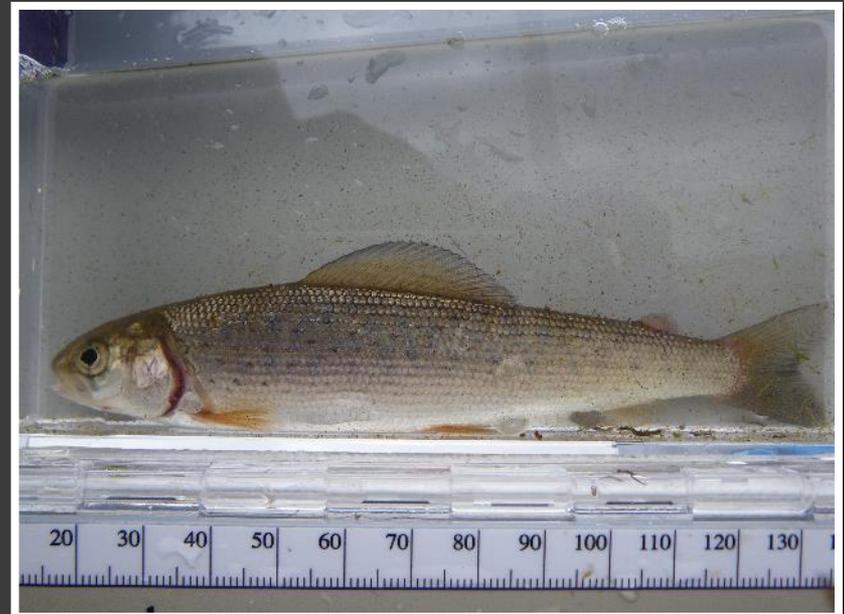


Photo by Alex Edwards



Photo by Terri Lomax

Slimy sculpin, Alaska
blackfish and Arctic grayling
were some of the fish species
captured.



Sampling environmental DNA by filtering stream water.



Photo by Terri Lomax



Photo by Doug Dasher



Photo by Alex Edwards



Lab work continued in camp at the end of the day. Periphyton and water column chlorophyll-a samples were filtered along with periphyton biomass, water samples were bottled, and fish were measured and frozen.

