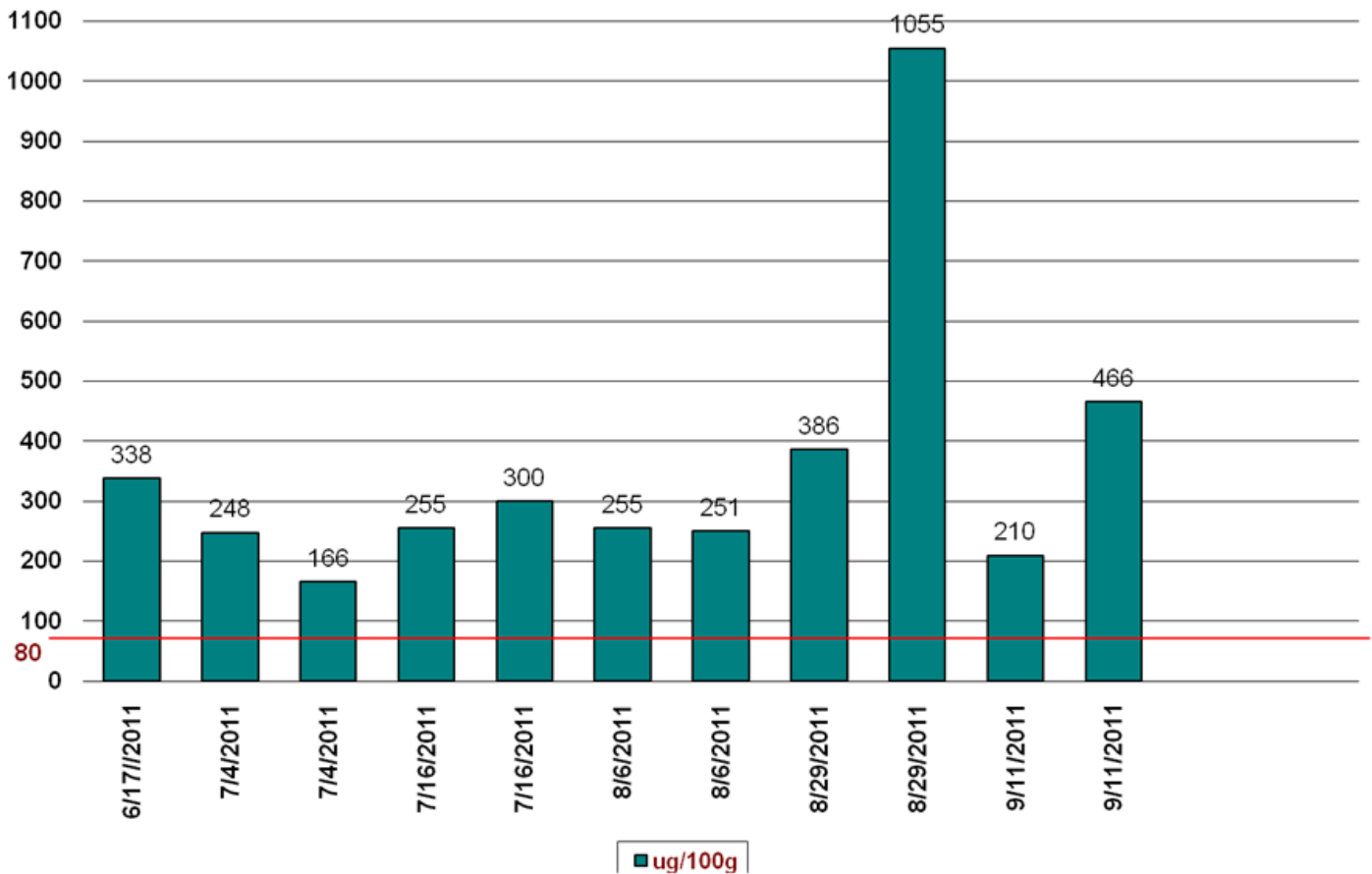


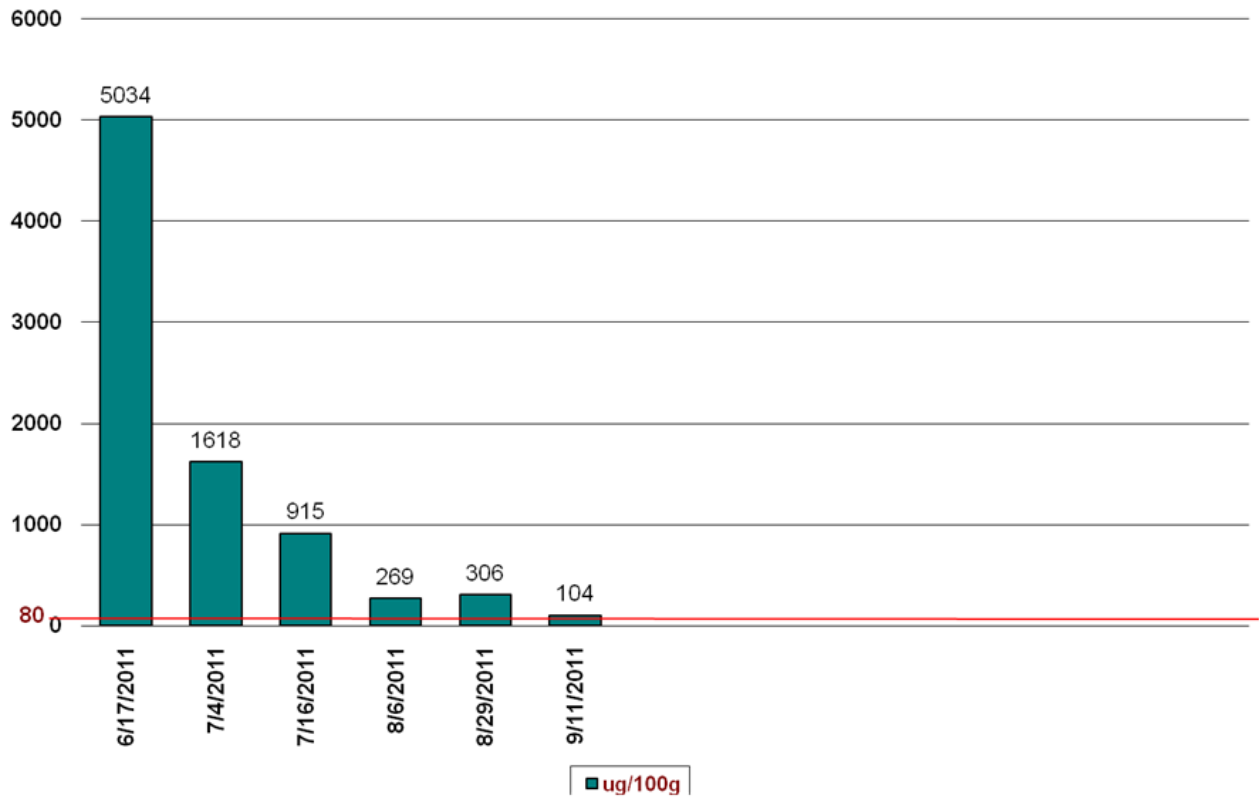
The Aleutian Pribilof Islands Association (APIA), Alaska Sea Grant and Chilkat Environmental are working together to investigate the link between PSP levels in bivalves (mussels) and one of their predators, Dungeness crab. Occurrence of PSP in crabs may be important for public safety in the Aleutians where APIA's EPA project is focusing, but the best opportunity for studying this appears to be small and isolated inlets in Upper Lynn Canal in southeast Alaska. Accordingly, we are collecting samples from mid-June through early August, of mussels and Dungeness crab gut and hepatopancreas from Tiayasanka Harbor, Lutak Inlet - Chilkoot Inlet at the mouth of the Ferebee River and mussels at Letnikof Cove, Chilkat Inlet.

The FDA limit for PSP is 80 micrograms/100 grams. These levels were exceeded in Tiayasanka Harbor, Lutak Inlet for mussels (306 micrograms/100 grams) and crabs (386 and 1055 micrograms/100 grams) collected 8/29/11 (see below figures or attachments). The mussels collected 8/29/2011 in Letnikof Cove, Chilkat Inlet were less than 33 micrograms/100 grams.

### Tiayasanka Harbor, Lutak Inlet, Dungeness Crab PSP Results



### Tiayasanka Harbor, Lutak Inlet, Mussels PSP Results



### Letnikof Cove, Chilkat Inlet Mussels PSP Results

