



A2LA Lab Accreditation, ISO/IEC 17025:2017

**OBJECTIVES AND PURPOSE OF THE PARTNERSHIP AGREEMENT**



**Established Radionuclide Monitoring Capability**  
in response to the Fukushima nuclear power plant accident



**FDA loaned ADEC a Canberra Gamma-ray Detection System**  
to test for radionuclides in Alaskan coastal water finfish.



**43 finfish samples** were analyzed for radionuclides



Developed **Emergency Response Capability**



Increased **Public Health and Safety** with consumption of finfish

**GOALS**



**THIS PARTNERSHIP AGREEMENT** enhances collaboration and avoids duplication of sampling efforts by state and federal agencies, thereby saving valuable resources.

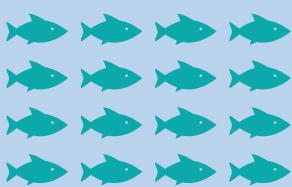


**THE FDA GAMMA-RAY DETECTION SYSTEM** ensures ADEC the capability to increase public health/safety in the event of a similar crisis.

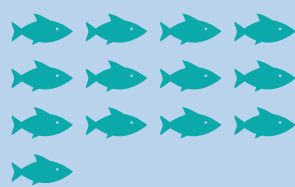
**RESULTS/OUTCOMES**

**FINFISH SAMPLING**

**16 SAMPLES**  
FY 2017



**13 SAMPLES**  
FY 2018



**7 SAMPLES**  
FY 2019



**7 SAMPLES**  
FY 2020



**43 TOTAL SAMPLES**

All were **Lab Class 1 for Gamma-ray emitting radionuclides** except for naturally occurring Potassium 40

NOTE: The effect of COVID-19 impacted the FY 2020/2021 Partnership Agreement sampling efforts

ADEC received an **Extramural Industry Grant (SEPTEMBER 2021)**



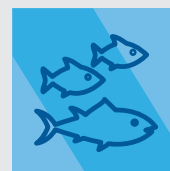
**FDA LOANED GAMMA-RAY DETECTION MACHINE RESULTS:**



Benefits small fishing companies to compete in a global market



Increases & maintains seafood-related employment & earnings



Develop a nutrient & contaminant database for different fish species



**PARTNERSHIP AGREEMENT SUPPORTING DOCUMENTATION**

- 1- Partnership Agreement Memorandum of Understanding - MOU 225-20-007
- 2- ADEC - Fukushima Radiation Concerns in Alaska