Alaska Cruise Ship Initiative Science Advisory Panel Assessment Framework (Draft)



Wastewater Sampling

Chemical Analysis ~

QA/QC (QAPP) \_\_

Vessel Inspections/Chemical Inventory

## DISPERSION MODEL DEVELOPMENT and VERFICATION

Literature Review

**Expert Consultations** 

Paramerized Model(s)

**Current & Drogue Study** 

Dye Study (Miami)

## **EXPOSURE ASSESSMENT**

Marine Life Water

DATA BASE

Sediments

Near Field Contaminant Dilution, Dispersion and Fate Calculations

Far Field & Cumulative

## **ECOLOGICAL/HEALTH RISK ASSESSMENT**

WET Testing (if applicable)

Actual Water and Environmental Quality

Water Quality, Sediment and Seafood Quality Guidelines

## **RISK MANAGEMENT RECOMMENDATIONS**

**Management Alternatives** 

Monitoring Wastewater Treatment &/or Dispersion Policy and Legislation