### Ecological Conceptual Site Model

#### South of Runway 18-36 Area

**Primary Source**
- Storm and Westerly Discharge
- USTs, bgs Pipes, and/or Unknown

**Secondary Source**
- Spills/Leaks of Chemicals into South Sweeper Creek
- Dissolved, FTx, Fill Spouts, and/or USTs

**Tertiary Source**
- Leaching and Infiltration
- On-Site Subsurface Soil

**Tertiary Release Mechanism**
- On-Site Generation and Infiltration
- Detritus and Volatile Evacuation

**Exposure Medium**
- Air

**Exposure Route**
- Inhalation
- Incidental Ingestion
- Dermal Contact
- Root Uptake

**Potential Ecological Receptors**
- Terrestrial Biota
  - Plants
  - Invertebrates
  - Birds
  - Mammals
  - Macrophytes
  - Phytoplankton/Zooplankton
  - Benthic and Epibenthic Invertebrates

**Aquatic Biota**
- Fish
- Birds
- Marine Mammals

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**Legend**
- Potentially Complete Pathway
- Minor or Insignificant Pathway
- Incomplete Pathway
- a.g. Above Ground Surface
- A.G. Above Ground Storage Tank
- b.g. Below Ground Surface
- FCT Field Constructed Tank
- UST Underground Storage Tank

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**Figure 5-1**

U.S.NAVY

Delivery Order 0037

Adak Island, AK

FOCUSED FEASIBILITY STUDY

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South of Runway 18-36 Area