

**PROJECT NAME: Hazard Assessment System - ACS**

**PROJECT DESCRIPTION:**

Alaska Clean Seas (ACS) wanted an easy to use system to explain the hazards and proper personal protection equipment (PPE) for different work tasks. EIS developed a system that allows an individual to easily find the task they are planning to perform and provides them with the following information:

- Clearly presents the main hazard
- Describes the likely exposure with the given conditions
- Provides the correct PPE

Alaska Clean Seas (ACS) located in Deadhorse (North Slope) Alaska is tasked with Arctic oil spill cleanup and control. ACS is a small organization with approximately thirty-five full time employees. The organization response structure is based on the Incident Command System (ICS) approach. Individuals may be assigned a wide variety of tasks both for pre-incident preparation and incident operations through post incident demobilization. The goal of the task oriented hazard and employee exposure assessment system designed for ACS by EIS and Decision Point Associates was to identify workplace safety and health hazards by task, assess the degree of physical and/or chemical hazard associated with selected tasks, and make non-arbitrary personal protective equipment and/or engineering recommendations. The system used an electronic worksheet (spreadsheet) to record the job category, task, physical hazard, chemicals or products used, and expected conditions. Thereafter, the primary hazard, exposure codes, PPE required, and special notes were completed.