

ANNEX N: SHORELINE CLEANUP & ASSESSMENT GUIDELINES

Shoreline cleanup strategies are diverse and will depend on a number of factors including shoreline type, spilled oil properties, extent of contamination, prevailing weather conditions, tidal fluctuations, sea conditions, accessibility by shoreline cleanup crews and equipment, etc. The Unified Command will determine the best available options for cleaning impacted shorelines based upon these factors.

There are several worthwhile documents that can be used as reference documents for shoreline assessment and cleanup. These include the following:

- *“Field Guide to the Documentation and Description of Oiled Shorelines,”* Environmental Canada (March 1994)
- *“North Slope Shoreline Oil Spill Countermeasures Manual,”* Alaska Clean Seas (December 1994)
- *“Shorelines and Oil Spill Response,”* Texaco Western Region Response Team Training Course Handbook (April 1997)
- *“Field Guide for the Protection and Cleanup of Oiled Arctic Shorelines,”* Environment Canada (July 1996)
- *“Alaska Shoreline Countermeasures Manual,”* NOAA (April 1994)
- *“Circumpolar Field Guide for Oil Spill Response in Arctic Waters,”* Environment Canada (1998)
- *“Tundra Treatment Guidelines, A Manual for Treating Oil and Hazardous Substance Spills to Tundra,”* ADEC (June 2001).
- *“Shoreline Assessment Job Aid,”* NOAA, 1997
- *“Characteristic Coastal Habitats - Choosing Spill Response Alternatives,”* NOAA, Nov. 2000.
- *“Shoreline Assessment Manual,”* 3rd edition, NOAA, August, 2000.
- *Arctic Shoreline Clean-up Assessment Technique (SCAT) Manual,* EPPR, 2004

Additionally, this website provides information on useful spill response data as noted below.
<http://www.asgdc.state.ak.us/maps/cplans/subareas.html>

- Environmental Sensitivity Index (ESI) Maps (which identify shoreline types). ESI Maps (for coastal areas of the State) have been developed for the following subareas:
 - Aleutians
 - Bristol Bay
 - Cook Inlet
 - Kodiak
 - North Slope
 - Northwest Arctic
 - Pribilof Islands
 - Prince William Sound
 - Southeast Alaska
 - Western Alaska

- Land Management Maps

- Geographic Response Strategies

- Most Environmentally Sensitive Area (MESA) Maps

- Biologically Sensitive Area Maps

- Aquatic Farms

- Regional Maps (USGS Quadrangles, NOAA Nautical Maps)

- Alaska Oceanographic Circulation Diagrams and Graphics