

DISCLAIMER

This report has been prepared by the Prism Environmental Corporation under contract with the State of Alaska, Department of Environmental Conservation. It is intended to be a continuation of a 1995 study sponsored by the State of Alaska Hazardous Substance Technology Review Council (Stringer, 1995). The information and data in this report has been generated from an extensive and detailed literature search that included a through review of technical papers and articles, interviews with leading research and applied scientists, and information provided by equipment vendors, manufacturers, and operators.

Publication of this report does not imply that the contents reflect the views and policies of the State of Alaska, Department of Environmental Conservation, nor are there any implied endorsements of technologies or equipment.

REPORT AVAILABILITY

Copies of this report can be obtained from the Prism Environmental Corporation at the following address:

Prism Environmental Corporation
105 Sweetgale Court
Anchorage, Alaska 99518
Tel: 907-522-5470

'SUGGESTED CITATION

Sienkiewicz, A. M., and W. J. Stringer. 1998. Identification and Evaluation of Remote Sensing Technologies for Oil Spills in Alaska. State of Alaska, Department of Environmental Conservation, Juneau, Alaska. 63 pp.

ABSTRACT

This study focuses on the identification and evaluation of remote sensing technologies for oil spills in the State of Alaska. The study was accomplished through an extensive literature search that included interviews with leading remote sensing scientists, remote sensing device manufacturers, and systems operators. This report presents an overview of the current knowledge of remote sensing technologies and includes potential benefits and drawbacks with each technology. The study range encompasses oil tracking buoys and data transmission/display systems.

Presented in this report is a detailed inventory of remote sensing devices that are available in Alaska and selected remote sensing devices that may be acquired from outside the state. Additionally, recommendations for further action are presented at the end of the report.