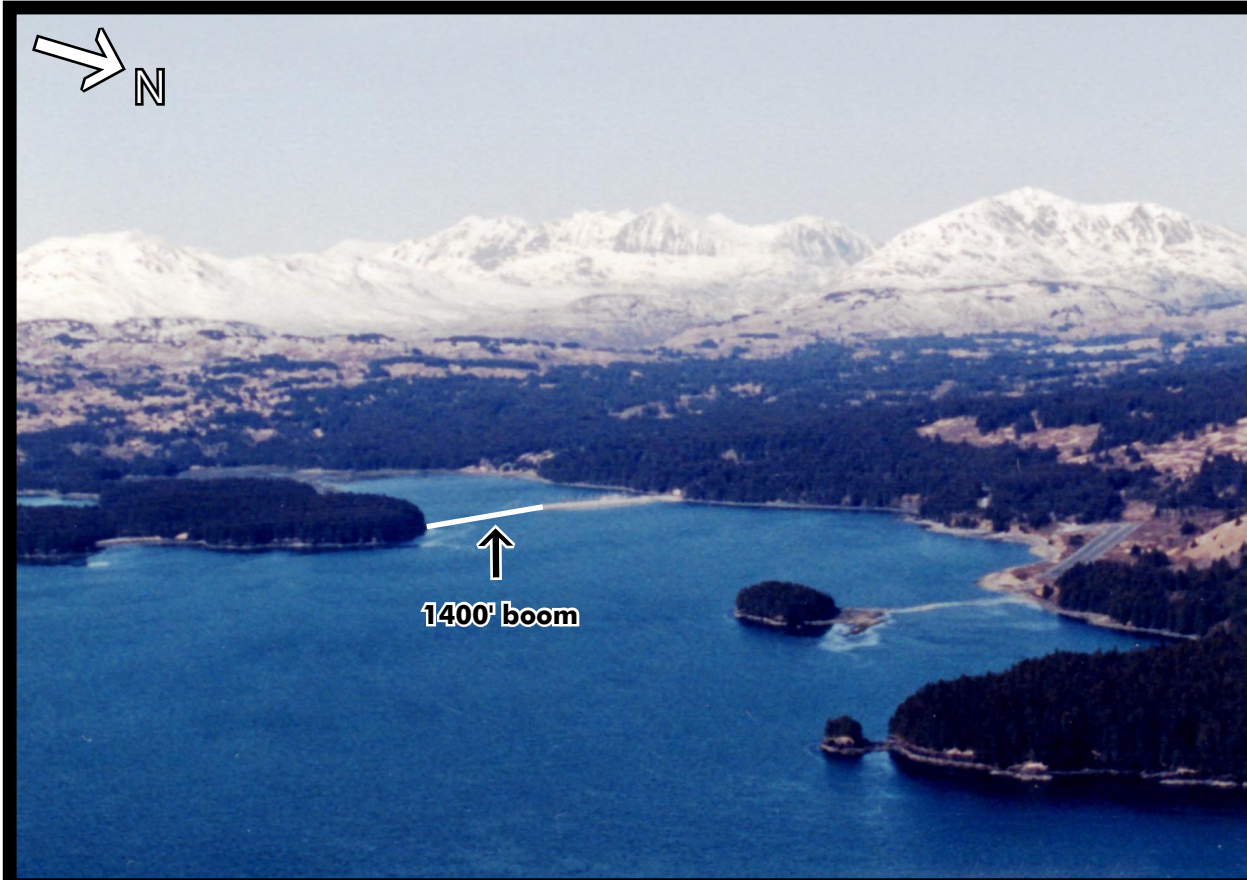




# Kodiak GRS K-15

## Settler Cove



**Latitude/Longitude:** N 57° 53' 51" / W 152° 49' 7"

**Location:** Settler Cove, Port Lions. NOAA Chart No. 16594, USGS Kodiak D-3 Quad.

**Response Objective:** Prevent oil from entering Settler Cove.

**Shoreline Characteristics:** Sheltered rocky shores, scarps, exposed wave cut platform and gravel beaches.

**Site Access:** Settler Cove is only accessible by vessel, helicopter or float plane.

**Staging Area:** Port Lions landing strip.

**AS THE CIRCUMSTANCES OF THE EMERGENCY ALLOW:**

**A. Response Strategy:**

1. Maximize on-water recovery in the off shore-near shore environment.
2. Beginning at the high tide line on the eastern shore of Settler Cove, deploy boom angled to the marina breakwall as shown in the photos.
3. Seal boom to shore with sorbents.
4. Recover product collected at marina breakwall using sorbents.
5. Monitor the boom as oil hits to ensure that angles are correct. Be aware of changes in tides, winds and currents.
6. A vessel traffic plan may need to be implemented.

**B. Response Considerations:**

This strategy is designed to protect Port Lions. Monitor situation closely to designate recovery points to minimize shoreline impact.

**C. Historic Properties Considerations:**

REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist.

**Currents, Tides & Winds:** Winds variable with northwest winds prevailing. Evaluate wind speed/direction at time of response. Average tidal range is 12 ft. Consult local charts for tides.

**Wildlife Considerations:** Settler Cove supports runs of all five Alaskan salmon species. Salmon runs begin in May and occur continuously through November. Settler Cove also has seabird and eagle concentrations as well as occasional brown bear. Winter, sea duck (Steller's and king eiders) and seabird concentrations NE of boom near entrance to WhalePass. Summer, black-legged kittiwakes, cormorants and tufted puffins. Sea otters common in area.

**Risk Factors:** Spill risks include vessel traffic around Port Lions and in Shelikof Strait.

**Human Use:** Subsistence salmon fishing, clam harvesting and crabbing.



| EQUIPMENT RECOMMENDED |                         | NEAREST EQUIPMENT (Port Lions)<br>City Hall (907)454-2332 |                             |
|-----------------------|-------------------------|---|-----------------------------|
| QUANTITY              | DESCRIPTION             | QUANTITY  | DESCRIPTION                 |
| 1400'                 | 8" x 10" Boom           | 3000'   | 8" x 10" Containment boom   |
| 12                    | 40 lb anchoring systems | 1200'   | 17" x 19" Sorbent pads (3M) |
| 200'                  | Sorbent sweep           | 30  | Sorbent sweep bundles       |
| 2 (min)               | Class 4, 5 or 6 vessels | 150'  | Parker snare on rope        |
| 2                     | Tow bridles             | 12  | Tow bridles                 |
|                       |                         | 36 rolls  | Heavy duty bags             |
|                       |                         | 3   | Wringers                    |
|                       |                         | 3   | Overpack drums              |
|                       |                         |   | No anchors                  |

Refer to Kodiak Subarea Contingency Plan for additional regional equipment lists.

October 2001



Developed By: TECHNICAL RESPONSE PLANNING CORPORATION. This GRS was funded in part by the Alaska Coastal Management Program from a NOAA grant (Award No. NA87OZ0225) and administered by the Alaska Division of Governmental Coordination and the Department of Community and Economic Development. The views expressed herein are those of the planholders (KIB, ADEC, USCG) and do not necessarily reflect the views of NOAA or any of its subagencies.

## Kodiak GRS K-15