

**EXHIBIT A**  
**Scope of Work**

**1. SCOPE OF WORK**

**1.1 Task 1: Contract with Database Researcher**

- a. Consultant shall contract with Joe Mortenson, Ph.D. as an approved subcontractor to oversee the data collection activities conducted by consultant's harbor seal monitors.

**1.2 Task 2: Contract with California State Parks**

- a. Consultant shall contract with California State Parks as an approved subcontractor (key personnel Daniella Dekelaita) to provide assistance and oversight of monitoring activities as they pertain to State Parks' role as the landowner.

**1.3 Task 3: Monitoring Protocols**

- a. Consultant shall work with the Agency's Project Manager to establish the monitoring protocols and data collection form in order to satisfy the Agency's Marine Mammal Protection Act (MMPA) Incidental Harassment Authorization (IHA) to be issued by the National Marine Fisheries Service (NMFS). The monitoring components are described in the *Russian River Estuary Management Activities, Pinniped Monitoring Plan* and *Marine Mammal Protection Act (MMPA) Incidental Harassment Authorization (IHA)* issued to the Agency by the NMFS (Exhibit D).

**1.4 Task 4: Recruit and Train Monitors**

- a. Consultant shall recruit data collection monitors for the 2010 and 2011 seasons.
- b. Consultant shall require that subconsultants Joe Mortenson and California State Parks key personnel Daniella Dekelaita provide training to data collection monitors.

**1.5 Task 5: Collect and Submit Data**

- a. Monitoring data shall be collected as described in the *Russian River Estuary Management Activities Pinniped Monitoring Plan* and *MMPA IHA* issued to the Agency by NMFS (Exhibit D). Data collection shall be coordinated with the Agency's Project Manager. The Agency's Project Manager will provide a draft monitoring schedule to the Consultant. The Consultant will be notified of scheduled artificial breaching and lagoon outlet channel activities at least 24 hours prior to the scheduled events, but as far in advance as possible. Activities shall include:
  - collection of baseline data (up to 2 times per month);

- collection of data during artificial breaching activities (estimated to be 1-3 days prior to, day of, and day after breaching activities);
  - collection of data during the formation of the lagoon outlet channel, estimated to be:
    - (1) *1-3 days prior to excavation*
    - (2) *the first and second days of excavation*
    - (3) *day after excavation*
    - (4) *during the lagoon outlet channel maintenance activities (estimated to be 1 time per week)*
- b. Consultant shall collect one day of baseline data on Jenner haulout use during the twice monthly monitoring events. Consultant shall monitor the coastal and river haulouts two times per month concurrent with monitoring at the Jenner haulout. Agency staff will monitor lagoon outlet channel construction and maintenance activities and artificial breaching events at the Jenner haulout, with assistance from Consultant as requested and as available. Consultant shall monitor the alternative haulout locations during artificial breaching and lagoon outlet channel excavation and maintenance activities.
  - c. Consultant shall be responsible for overseeing the data collection by its monitors.
  - d. Consultant shall develop an online form so monitors can submit their data electronically into a central database.
  - e. Consultant shall review data and submit it monthly to the Agency's Project Manager for review and inclusion in the annual monitoring report required by the MMPA IHA.
  - f. Consultant shall immediately report any observed abandoned pups to the Agency's Project Manager in accordance with the MMPA IHA issued to the Agency. Agency will conduct notifications to NMFS' marine stranding network and NMFS headquarters.
  - g. Consultant shall immediately report in writing any observed violations of the MMPA IHA to the Agency's Project Manager. Consultant will not be required to report violations to NMFS as stipulated by the IHA; Agency will conduct notifications and will copy Consultant on such notifications.

#### **1.6 Task 6: Monitoring Equipment and Supplies**

- a. Consultant shall purchase and provide supplies needed by monitors to collect data including but not limited to: spotting scopes, binoculars, digital cameras, datasheets and waterproof safety apparel. Spotting scopes shall be used for all monitoring events at the Jenner haulout.