

Map & Photo  
Legend



NCI-06 Lewis River looking northwest.



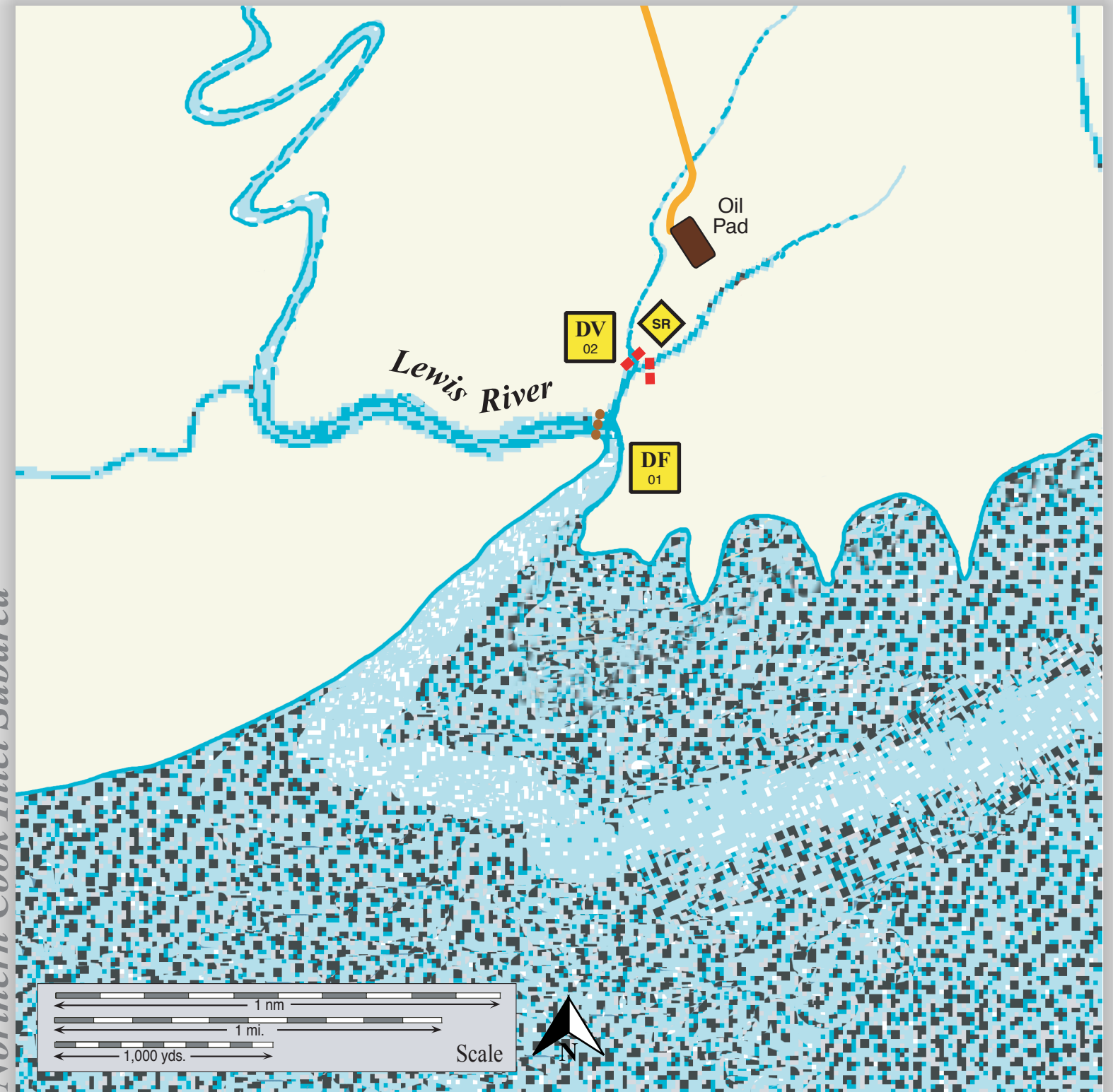
NCI-06 Lewis River looking northwest.

- DV Diversion Booming
- DF Deflection Booming
- Fast-water Boom
- ■ ■ ■ ■ Protected-water Boom
- SR Shoreside Recovery
- Road

# Lewis River, NCI-06

Center of map at 61° 14.8' N Lat., 150° 47.4' W Lon.

## Geographic Response Strategies for Northern Cook Inlet Subarea



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
NCI-06-01	<b>Lewis River</b> Nearshore waters in the general area of:  Lat. 61° 14.3 N Lon. 150° 44.2 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Lewis River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Lewis River.  Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Beluga River Airport	Via marine waters  Chart 16660-1	Same as NCI-06-02	Vessel master should have local knowledge.  Mark channel with GPS during rising tide.  Local set net fishermen may provide a source for vessels and personnel. Contact ADF&G for permit holders.
NCI-06-02	<b>Lewis River</b> Lat. 61° 14.27 N Lon. 150° 47.94 W	<b>Deflection</b> Deflect oil coming in the Lewis River into a side channel on the north shore for collection.	Transport equipment to site by ATV from the Ivan Drilling Pad.  Deploy boom and anchor system with inflatable boat or river boat.  Position boom at adequate angle to deflect oil in the main channel to a cut on the north shore and set up for divert and recovery.  Tend throughout the tide.	<b>Deployment</b> <b>Equipment</b> 300 ft. fast-water boom 100 ft. protected-water boom 2 ea. anchor systems (~40 lbs.) 4 ea. anchor stakes 1 ea. ATV and trailer 1 shoreside collection unit with inflatable tank and transfer pump to pump to drilling pad <b>Vessels</b> 1 ea. inflatable boat <b>Personnel/Shift</b> 4 ea. response techs <b>Tending</b> <b>Vessels</b> 1 ea. inflatable boat <b>Personnel/Shift</b> 2 ea. response techs	Ivan Drilling Pad	Via road system  Contact facility operators for current maps to the site.	Fish-intertidal spawning-salmon  Marine mammals-beluga whales, seals  Birds- shorebird, waterfowl concentration  Habitat-exposed tidal flats, marsh  Human use- high recreational use (May–Sept.), waterfowl hunting, commercial fishing	Title 41 permitting required from ADNR.  Title 16 Special Area Permit to access State Game Refuge.  Calm-water boom may be used if fast-water boom is not available.  REPORT any cultural resources found during operations to FOSC Historic Properties Specialist.  Site surveyed: 09/03/03 NCI GRS Tactics Committee.  Tested: not yet
NCI-06-03	<b>Lewis River</b> Lat. 61° 14.27 N Lon. 150° 47.94 W	<b>Divert and Collect</b> Divert oil to shore-side collection points determined by spill source and trajectory.	Transport equipment by ATV from Ivan Drilling Pad.  Deploy anchors and boom with inflatable boat or river boat.  Using the two small streams leading into the cut on the north bank on the Lewis River, place protected-water boom across each to form an chevron.  Establish the recovery site at the apex of the boom and tend throughout the tide.	<b>Deployment</b> <b>Equipment</b> 100 ft. protected-water boom 2 ea. anchor systems (~40 lbs.) 8 ea. anchor stakes 1 ea. shore-side collection unit <b>Vessels/Personnel/Shift</b> Same as NCI-06-02 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as NCI-06-02	Ivan Drilling Pad	Via road system	Same as NCI-06-02	Take appropriate measures as outlined in Part 2 of this document to protect the beach at the collection site.  Site surveyed: 09/03/03 NCI GRS Tactics Committee  Tested: not yet