

# CHAPTER 1

## RESPONSE OPTIONS AND CONSIDERATIONS

Location							
Vancouver	Ridgefield	Woodland	Kalama	Longview/Kelso	Castle Rock	Toledo	Winlock

Waterbody	Rivers
	Creeks
	Lakes
	Pool Area formed by Dam
	Tidally Influenced Areas
	Wetland Area(s)
	Intermittent Streams (Seasonal Flow)

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Potential Response Options	Source Control and Containment Activities
	Aerial / Vessel Surveillance Activities
	Wildlife Rescue and Rehabilitation Activities
	Air Boat Use (Areas Recommended)
	Collection for Skimming Operations <i>(Note:1)</i>
	Vessel Based Skimming Operations <i>(Note:2)</i>
	Shore Based Skimming Operations <i>(Note:3)</i>
	Shoreside Protection Booming <i>(Note:4)</i>
	Shoreside Cleanup Activities <i>(Note: 5)</i>
	In-Situ Burning <i>(Note: 8)</i>
	Dispersant Use <i>(Note: 9)</i>

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Considerations	Shoreside Access can be Limited by Geography
	Shoreside Access can be Limited by Private Property
	State or National Wildlife Refuge / Recreation Area
	<b>Threatened/Endangered Terrestrial Species</b> <i>(Note: 6)</i>
	Public or Commercial Marina(s) in Area
	Commercial Vessel Movement / Port Area
	Recreational Boat Traffic
	Tribal Lands or U and A Interests <i>(Note: 7)</i>
	Historic / Cultural District(s) in Area
	Dam(s) in Area
	Interstate Highway Corridor
	Oil Movement by Rail in Area
	Oil Pipeline(s) in Area

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See the Northwest Area Contingency Plan (NWACP - Section 1900) for more information on the terminology used on this sheet. The NWACP is available online at <http://www.rtt10nwac.com/NWACP/Default.aspx>.

**Note 1:** Collection for Skimming Operations response options should include use of enhanced skimming using a U-boom, V – boom, or J – boom configuration in waters large enough for boats to maneuver (e.g., lake, large river).

**Note 2:** Vessel Based Skimming Operations response options should include use of advancing skimmers: weir, belt, brush, drum, or other skimmer types.

**Note 3:** Shore Based Skimming Operations response options should include use of fixed skimmers: weir, belt, brush, drum, or other skimmer types.

**Note 4:** Shoreline Protection should include the deployment of response strategies (boom) to divert and collect oil off of the water before shoreline areas are impacted, or deflect and exclude oil away from shoreline areas. These strategies include those published in this document (GRP response strategies), those provided in other plans (e.g., facility contingency plans), and “ad-hoc” strategies developed during the spill itself. A culvert block or underflow dam might be installed to aid in the recovery of spilled oil in small streams or those with intermittent flow.

**Note 5:** Shoreside Cleanup options depend on safe and efficient access to locations and the type of river, creek, or stream bank present. Potential activities could include flooding, flushing, manual removal, vacuum, mechanical removal, sorbents, vegetation cutting, mechanical tilling/aeration, and/or sediment reworking/surf washing.

**Note 6:** More information available in Chapter 6. Response and cleanup in these areas may require coordination with Federal or State Fish and Wildlife staff to reduce disturbances to upland species.

**Note 7:** This sheet doesn’t represent all locations where Tribes and Tribal Nations have lands or areas of specific interest (including lands established by treaty or rights to Usual and Accustom areas). Early coordination with tribal governments is highly recommended during a response, regardless of the spill location or potential impact areas.

**Note 8:** No pre-approved locations for in-situ burning fall within this GRP area.

**Note 9:** No pre-approved locations for use of dispersants fall within this GRP area.

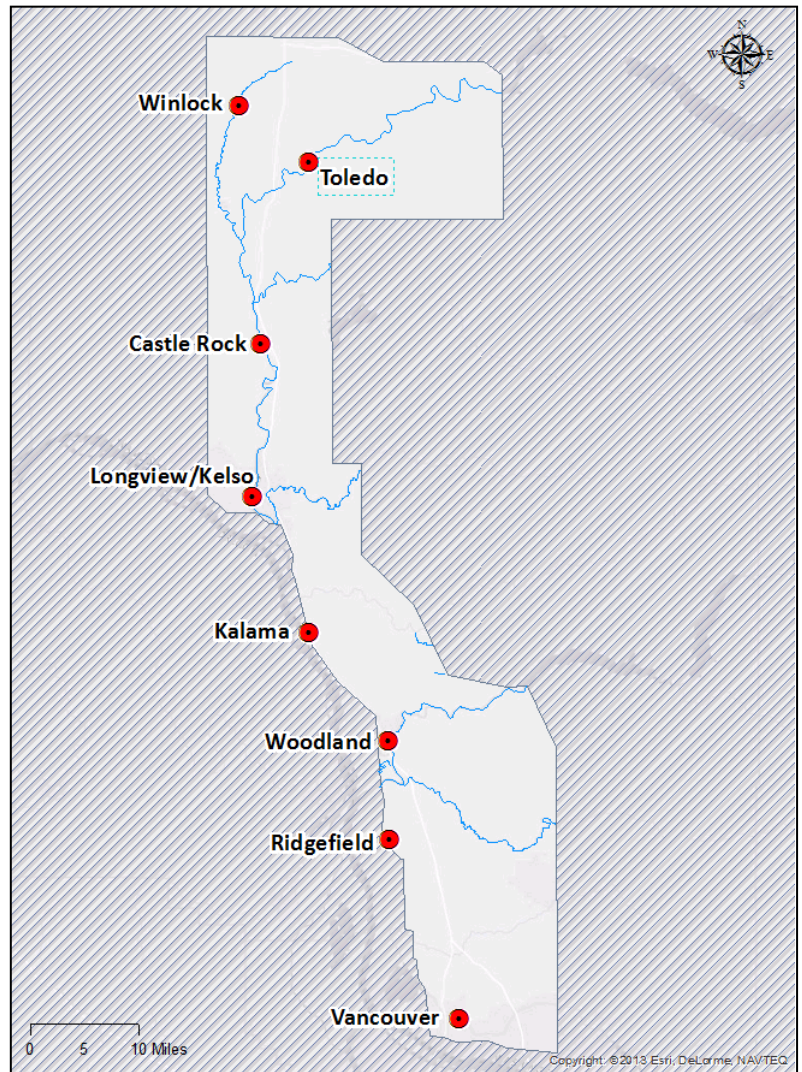


Figure 1-1: Response Options and Considerations Area