

EML Pre-Spill Protection and Treatment Assessment Form (June 2014)

1 GENERAL INFORMATION					
Area:		Location:		Segment:	
Survey Date:		Survey Time:		Segment Length (est):	
Team Name/Number:			Tide Level:		
Participants:			Weather / Wind Conditions:		
GPS: Start (WP)	Lat:	Long:	End (WP)	Lat:	Long:

2 RESPONSE GOALS	
SEGMENT PROTECTION OBJECTIVES	SHORELINE CLEANUP / TREATMENT OBJECTIVES
<input type="checkbox"/> 1. Prevent contact with shore or resource(s) at risk <input type="checkbox"/> 2. Minimize contact with shore or resource(s) at risk <input type="checkbox"/> 3. Prevent oil movement to adjacent segment(s) <input type="checkbox"/> 4. Contain stranded oil at the shoreline <input type="checkbox"/> 5. Other:	<input type="checkbox"/> 1. Allow natural recovery <input type="checkbox"/> 2. Accelerate natural recovery <input type="checkbox"/> 3. Restore shore to pre-oiling condition <input type="checkbox"/> 4. Minimize oil remobilization <input type="checkbox"/> 5. Restore with minimal removal of material <input type="checkbox"/> 6. Minimize biological and ecosystem impact <input type="checkbox"/> 7. Other:
SEGMENT PROTECTION STRATEGIES	SHORELINE CLEANUP/TREATMENT STRATEGIES
<input type="checkbox"/> 1. Contain / recover oil on water <input type="checkbox"/> 2. Alter direction of movement of oil on water <input type="checkbox"/> 3. Prevent oil movement (landward) on flooding tides <input type="checkbox"/> 4. Trap / contain and collect oil at the shoreline <input type="checkbox"/> 5. Prevent remobilization of stranded oil <input type="checkbox"/> 6. Prevent overwash into the backshore or a lagoon <input type="checkbox"/> 7. Pre-impact shoreline debris removal <input type="checkbox"/> 8. Other:	<input type="checkbox"/> 1. Monitor <input type="checkbox"/> 2. Act quickly to remove stranded oil before burial <input type="checkbox"/> 3. Remove bulk oil only <input type="checkbox"/> 4. Minimize waste generation using <i>in-situ</i> treatment methods <input type="checkbox"/> 5. Manual techniques preferred <input type="checkbox"/> 6. Salt marsh, fringe / meadow treatment strategies <input type="checkbox"/> 7. Man-made backshore riprap treatment techniques <input type="checkbox"/> 8. Other:

3 PROTECTION / TREATMENT METHODS		
<i>check all that are appropriate and feasible; mark "?" if possibly useful; mark "X" if not recommended or inappropriate</i>		
POTENTIAL PROTECTION OPTIONS	POTENTIAL CLEANUP / TREATMENT OPTIONS	
<input type="checkbox"/> 1. Nearshore containment/ recover <input type="checkbox"/> 2. Nearshore redirection (away) <input type="checkbox"/> 3. Nearshore redirection (towards) <input type="checkbox"/> 4. Exclusion booming <input type="checkbox"/> 5. Shoreline (intertidal) protection boom <input type="checkbox"/> 6. Shoreline barrier / berm <input type="checkbox"/> 7. Contact barrier <input type="checkbox"/> 8. Channel boom / barrier	<input type="checkbox"/> 1. Natural recover <input type="checkbox"/> 2. Deluge - Flooding <input type="checkbox"/> 3. Low-pressure, ambient wash <input type="checkbox"/> 4. Low-pressure, warm wash <input type="checkbox"/> 5. High-pressure, ambient wash <input type="checkbox"/> 6. High-pressure, warm wash <input type="checkbox"/> 7. Steam cleaning / Hot water wash <input type="checkbox"/> 8. Sandblasting <input type="checkbox"/> 9. Manual removal <input type="checkbox"/> 10. Vacuums	<input type="checkbox"/> 11. Mechanical Removal <input type="checkbox"/> 12. Vegetation removal / cropping <input type="checkbox"/> 13. Passive sorbent <input type="checkbox"/> 14. Wet Mixing <input type="checkbox"/> 15. Dry Mixing <input type="checkbox"/> 16. Sediment relocation <input type="checkbox"/> 17. In-situ burning <input type="checkbox"/> 18. Dispersants / washing agents <input type="checkbox"/> 19. Shoreline cleaners <input type="checkbox"/> 20. Solidifiers <input type="checkbox"/> 21. Bioremediation/ Nutrient enrichment

4a SPILL SITE ACCESS (ground and water) <i>check all that are appropriate and feasible; mark "?" if possibly useful; mark "X" if not recommended or inappropriate</i>								
To/From:	Foot	ATV	4WD P/U	Light Equipment	Heavy Equipment	Skiff	Shallow Draft	Deep Draft
Staging Area/Backshore								
Intertidal								
Subtidal								

5 EQUIPMENT USE FEASIBILITY <i>enter "Good", "Fair", or "No" based on ability to operate</i>							
	ATVs	4x4 P/U	Bobcat	Backhoe	Front-end Loader	Bulldozer	Grader
Access Alongshore							
Bearing Capacity							
Beach Slope/Width							
Maximum distance to Temporary Storage from Cleanup Site?						(metres)	

6 SAFETY CONSIDERATIONS <i>Note Safety Constraints</i>