PRE-SPILL SCAT SEGMENT SURVEY

1 GENERAL INFORMATION Area:	1 CENEDAL INCORE	AATION							
Survey Date: Survey Time: Tide Level:				Seament Number:					
Observer Name: Participants: Participants: Snow-lce Conditions:									
Participants: Snow-Ice Conditions: Snow-Ice Conditions:									
Snow-loc Conditions:	Particinants		VVCatilei/VVIIId Collditions						
2 PHYSICAL CHARACTER Segment Length:m Width (Intertidal):m Width (Intertidal):m Width (backshore):m Nearshore Reef/Shoal: Yes No Shoreline Waves (normal/average breaker height):	r articipants								
2 PHYSICAL CHARACTER Segment Length:m Width (Intertidal):m Width (Intertidal):m Width (backshore):m Nearshore Reef/Shoal: Yes No Shoreline Waves (normal/average breaker height):				Snow-Ice Conditions:					
Segment Length:									
Segment Length:			T		TTT				
Width (intertidal):m Width (backshore):m Nearshore Reef/Shoal: YesNo Shoreline Waves (normal/average breaker height):		····		TE TYPE (from list below)	*LITZ UITZ SU				
Width (backshore):									
Sand Beach San				Solid					
Shoreline Waves (normal/average breaker height):									
Pebble-Cobble Beach Pebble-Cobble Beach Pebble Cobble Beach Pebble Cobbl									
## Mixed Sediment Beach (Coarse Gravel) Inatural alongshore movement barrier: yes / no man-made alongshore barrier: yes / no natural bay or embayment: yes / no tidal inlet or channel: yes / no tidal lagoon or estuary: yes / no sand shoreline/potential for burial: yes / no overwash into lagoon or marsh: yes / no pebble-cobble shoreline/penetration potential: yes / no riprap, boulder shoreline/penetration potential: yes / no other: ### COASTAL CHARACTER COASTAL CHARACTER Colff				, ,					
natural alongshore movement barrier: yes / no man-made alongshore barrier: yes / no natural bay or embayment: yes / no tidal linlet or channel: yes / no tidal lagoon or estuary: yes / no sand shoreline/potential for burial: yes / no pebble-cobble shoreline/penetration potential: yes / no riprap, boulder shoreline/penetration-remobilization potential: marsh-wetland/potential for oiling meadow area: yes / no other: Tittz = lower intertidal zone; UITZ = upper intertidal; SU = supratidal zon UITZ = upper intertidal zone; UITZ	< 25 cm; 25	5-50 cm; 50 cm-1 m; > 1 m_							
man-made alongshore barrier: yes / no natural bay or embayment: yes / no tidal inlet or channel: yes / no sand shoreline/potential for burial: yes / no overwash into lagoon or marsh: yes / no pebble-cobble shoreline/penetration-remobilization potential: marsh-wetland/potential for oiling meadow area: yes / no other: COASTAL CHARACTER cliff			Mixed Sedi						
natural bay or embayment: yes / no tidal inlet or channel: yes / no tidal lagoon or estuary: yes / no sand shoreline/potential for burial: yes / no overwash into lagoon or marsh: yes / no pebble-cobble shoreline/penetration potential: yes / no riprap, boulder shoreline/penetration-remobilization potential: marsh-wetland/potential for oiling meadow area: yes / no other: COASTAL CHARACTER cliff									
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sand shoreline/potential for burial: yes / no overwash into lagoon or marsh: yes / no pebble-cobble shoreline/penetration potential: yes / no riprap, boulder shoreline/penetration-remobilization potential: other: COASTAL CHARACTER	tidal inlet or channe	el: yes / no							
overwash into lagoon or marsh: yes / no pebble-cobbble shoreline/penetration potential: yes / no riprap, boulder shoreline/penetration-remobilization potential: yes / no marsh-wetland/potential for oiling meadow area: yes / no other: Colff	•								
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riprap, boulder shoreline/penetration-remobilization potential: yes / no marsh-wetland/potential for oiling meadow area: yes / no other: Man made	•	•							
marsh-wetland/potential for oiling meadow area: yes / no other: man made					et marsh				
other: estuarydunetundrapeat bog 3 RESOURCE ISSUES				platform beach overwash					
3 RESOURCE ISSUES Primary Resource(s) at Risk Response Constraints Environmental Cultural Human Use/ Economic 4 OPERATIONAL CHARACTERISTICS Surrounding Human-Use Activities (if any): Natural / Agricultural / Commercial / Residential / Recreational Potential nearby access: fixed-wing ; helo.pad/landing ; boat landing ; ATV Access constraints/limitations: Describe the amount of pre-impact debris pickup/relocation work? (light / moderate / heavy) No. of bags?	·	ential for oiling meadow area: yes /	no						
3 RESOURCE ISSUES Primary Resource(s) at Risk Response Constraints Environmental Cultural Human Use/ Economic 4 OPERATIONAL CHARACTERISTICS Surrounding Human-Use Activities (if any): Natural / Agricultural / Commercial / Residential / Recreational Potential nearby access: fixed-wing ; helo.pad/landing ; boat landing ; ATV Access constraints/limitations: Describe the amount of pre-impact debris pickup/relocation work? (light / moderate / heavy) No. of bags?	other:			-					
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Cultural Human Use/ Economic 4 OPERATIONAL CHARACTERISTICS Surrounding Human-Use Activities (if any): Natural / Agricultural / Commercial / Residential / Recreational Potential nearby access: fixed-wing; helo.pad/landing; boat landing; ATV Access constraints/limitations: Describe the amount of pre-impact debris pickup/relocation work?(light / moderate / heavy) No. of bags?	Environmental	Primary Resource(s) a	at RISK	Response Constraints					
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Surrounding Human-Use Activities (if any): Natural / Agricultural / Commercial / Residential / Recreational Potential nearby access: fixed-wing; helo.pad/landing; boat landing; ATVAccess constraints/limitations:	4 ODED ATIONIAL CU	IAD A CTEDICTICS							
Potential nearby access: fixed-wing; helo.pad/landing; boat landing; ATV			rioultural / Cammar	sial / Desidential / Descretional					
Access constraints/limitations:					· AT\/				
Describe the amount of pre-impact debris pickup/relocation work?(light / moderate / heavy) No. of bags?	-	• .	pau/iariuiriy	, boat landing	, AIV				
			ion work? (light	/ moderate / heavy) No. of	hogo?				
(estimate # of bags)	Describe the amoun	it of pre-impact debris pickup/relocati	ion work? (light	No. of	=				
remote: yes / no winter shore ice: yes / no /? narrow intertidal zone: yes / no	romoto: voc / no	winter share ice:	voc / no / 2	parrow intertidal zone: ves / r	,				
	•		-	•					
staging areas: yes / no exposed coast: yes / no shore zone suitable for machinery: yes / no /?		-			iciy. yes/IIU/!				
road access: yes / no /? strong currents: yes / no backshore cliff yes / no				-					
alongshore access: yes / no / ? nearshore shoals/reefs: yes / no / ? high tidal range: yes /no	alongshore acces	ss. yes / no / ! nearsnore snoals/l	reers. yes/no/?	nigh tidal range: yes /no					
Comments.	Commonto								
	Comments:								
5 OPERATIONAL SAFETY CONSIDERATIONS	Comments:								
		FETY CONSIDERATIONS							
Note Safety Constraints Beyond Normal — or N/A:	5 OPERATIONAL SA								

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PRE-SPILL SCAT SEGMENT SURVEY

GENERAL INFORM	IATION				Survey Date:					
Area: Location:				Segment:						
6 RESPONSE GOALS	•			1						
SEGMENT PROTEG	_	CTIVES:	SHORELIN	SHORELINE CLEANUP/TREATMENT OBJECTIVES:						
Prevent con	tact with shor	re or resource(s) at risk		v natural recove	•				
Minimize co	Minimize contact					Restore shore to pre-oiling condition				
Prevent oil mov	Prevent oil movement to adjacent segment(s)					ecovery				
Contain strande		Restor	re with minimal rem	oval of material						
Prevent oil trans	sport into inlet, e	stuary, or channe	Minimi	Minimize oil remobilization						
Other:		Minimize damage to dune, marsh, or peat bog								
SEGMENT PROTEG		Other:								
Contain/recove	Contain/recover oil on water					SHORELINE CLEANUP/TREATMENT STRATEGIES:				
Alter direction of	of movement of c	oil on water		Monito	or					
Prevent oil mov	rement (landward	d) on flooding tide	S		ickly to remove stra	anded oil before bu	rial			
Trap/contain an	nd collect oil at th	e shoreline			ve bulk oil only					
Prevent remobi	lization of strand	ed oil			ize waste generatio	-	tment methods			
		shore or a lagoon	ı		al techniques prefer					
•	reline debris rem	noval			narsh fringe/meadov	-				
Other:					nade backshore rip	rap treatment techr	niques			
				Other:						
7 METHODS	(C	heck all that a	re appropriat	e and feasik	ole)					
7 METHODS (check all that are appropriate and feasible) (mark "?" if possibly useful; mark "X" if not recommended or inappropriate)										
		Ť		<u>POTENTI</u>	AL CLEANUP/TE	<u>REATMENT OP </u>	TIONS:			
POTENTIAL PROTE	<u>ECTION OPTI</u>	ONS:	1. Natural r	ecovery11. Mechanical removal						
1. Nearshore cont		у	2. Flooding							
2. Nearshore redir				ssure, cold wash13. Passive sorbent						
3. Nearshore redir			sure, hot/warm wash14. Tilling/Aeration ssure, cold wash15. Surf washing/Sediment reworking							
				ssure, cold wash15. Surr washing/sediment reworking sure, hot/warm wash16. Burning						
7. Contact barrier			· · · · · · · · · · · · · · · · · · ·							
8. Channel boom/barrier			9. Manual r	•		19. Solidifiers				
			10. Vacuun	10. Vacuums			20. Bioremediation/Nutrient enrichment			
8 OPERATIONAL ISS	SUFS									
SPILL SITE ACCES		or "Yes")								
To/From:	Trucks	Heavy Equip.	2X4 P/U	Backhoes	ATVs	> 50 ft. Vessel	< 15 ft. Runabouts			
Staging Area/	Tracke	rioury Equip.	271170	Baomileoe	711 70	× 00 111 ¥ 00001	v 10 II. Ivanabouto			
Backshore										
Intertidal										
Subtidal Water										
HEAVY FOLLIDMENT LISE FEASIBILITY: /Enter "Cood" "Fair" "Poor" or "No" becord on ability to anarotal										
HEAVY EQUIPMENT USE FEASIBILITY: (Enter "Good", "Fair", "Poor", or "No" based on ability to operate) Front-end										
	Grader	Bulldozer	Loader	Backhoe	Bobcat	4x4 P/U	ATVs			
Access Alongshore										
Bearing Capacity										
Beach Slope/Width	L				<u> </u>	<u> </u>				
Maximum Distance to Temporary Storage from Cleanup Site?(metres)										
9 COMMENTS										
40.1/101141.5										
10 VISUALS										
SKETCH Attached: yes no; PHOTOS Attached: yes no										
VIDEO: yesno; tape #; Minutesto; Storage location										

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