WINTER LAKE SHORELINE OILING SUMMARY for _____ Spill Page _____of _____

1 GENERAL INFORMATION	Date (dd/mm/yy)	Time (24h): standard/daylight	Water Level
Segment ID:		hrs to hrs	above / below the monthly mean
Operations Division:	Season: Open Water / Freeze-Up Transition / Frozen Period / Breakup-Thaw		rising / falling
Survey by: Foot / ATV / Boat / Helicopter / Overlook / _____	Sun / Clouds / Fog / Rain / Snow / Windy / Calm		Air Temp + / - ____ deg C

2 SURVEY TEAM # _____	***name***	***organization***	***contact phone number***

3 SEGMENT ***Total Segment Length _____ m*** ***Segment Length Surveyed _____ m***

Start GPS: LATITUDE _____deg. _____min. LONGITUDE _____deg. _____min. ***Datum:***_____

End GPS: LATITUDE _____deg. _____min. LONGITUDE _____deg. _____min.

4A SHORELINE TYPE ***SELECT only one primary (P) shoreline type and any number of secondary (S) types. CIRCLE those OILED***

Bedrock: Cliff/Ramp_____ Shelf_____	***Sediment Beach:*** Sand_____ Mixed_____ Pebble/Cobble_____ Boulder_____ Peat/Organic_____			
Sediment Bluff/Cliff: _____	***Sediment Flat:*** Mud_____ Sand_____Mixed_____	***Vegetated Bank:***_____	***Wooded Upland:*** _____	
Manmade: Solid_____ Permeable_____(type)_____	***Wetland:*** Swamp_____ Bog/Fen_____ Marsh _____/_____		***Other:***	

4B SNOW and ICE CONDITIONS ***SELECT as appropriate. CIRCLE those oiled. Indicate swash zone location/s.***

snow:	cover _____%	**frozen spray :**	width _____m	**ice foot :**	width _____m		
	thickness _____cm		thickness _____cm		thickness _____cm		
	fresh Y / N	**frozen swash :**	width _____m		location L M U S		
	compacted Y / N		thickness _____cm	**ice push ridge :**	width _____m		
	location L M U S		location L M U S		thickness _____cm		
		grounded floes :	ave. length _____m		location L M U S		
			ave. thickness _____cm				
			location L M U S				

4C NEARSHORE ICE CONDITONS ***circle one in each of the three categories***

CONCENTRATION: 0/10	***FORM: (m)***		***AGE and thickness (cm):***		
open water < 1/10	pancake 0.3 -3	small floes 20–100	new / frazil / slush	<5	
very open drift 1/10 – 3/10	brash < 2	medium floe 100–500	nilas or ice rind	< 10	age unknown ___
open drift 4/10 – 6/10	ice cakes < 20	big floe 500–2000	young: grey-white	10–30	
close pack 7/10 – 8/10	none Y	vast-giant floe > 2000	first year	> 30	
very close pack 9/10	**Fast ice: Y /N**		second year	> 250	
compact ice 10/10	**Shore Zone Cracks: Y / N**		multi year	> 300	

4B COASTAL/BACKSHORE CHARACTER ***- select only one primary(P) and any number of secondary(S)*** ***complete for (P) primary only***

Cliff/Hill:___Height:(<1m)(1-5m)(>5m) (est_____m)	Flat / Lowland: ___	Beach ____	Dune ____	River Inlet/Channel ____	Substrate Type: _____
Sloped:___ (>5º) (15º) (30º)	Man-Made ____ (type) _____	Delta ____	Lagoon ____	Marsh/Wetland_____	Forested / Vegetated / Bare

5 OPERATIONAL FEATURES Suitable backshore **staging** Y/N **Access**: Direct from backshore Y / N Alongshore from next segment Y / N

Debris: Y / N oiled Y / N amount _____bags or _____trucks access restrictions _____

Depth of Active Layer: _____cm Other Features:

6 SURFACE OILING CONDITIONS ***begin with "A" in the lowest tidal zone - circle the zone/s that correspond to primary shoreline type***

OIL ZONE ID	SWASH ZONE			OIL COVER			OIL THICKNESS					OIL CHARACTER								SUBST. TYPE(S)
				Length	*Width*	*Distrib.*														
	LSZ	USZ	SSZ	m	m	%	TO	CV	CT	ST	FL	FR	MS	TB	PT	TC	SR	AP	NO	
A																				

7 SUBSURFACE OILING CONDITIONS ***use letter for ZONE location plus Number of pit or trench — e.g., "A1"***

TRENCH or PIT NO.	SWASH ZONE			MAX. PIT DEPTH	OILED ZONE	SUBSURFACE OIL CHARACTER						WATER TABLE cm	SHEEN COLOUR	CLEAN BELOW	SUBST. TYPE(S)
	LSZ	USZ	SSZ	cm	cm-cm	OP	PP	OR	OF	TR	NO		B, R, S, N	Yes / No	

8 COMMENTS ***ecological/recreational/cultural/economic constraints - shorezone biota and wildlife observations - cleanup recommendations***

(for ALL sub-segments record: sub-segment ID, length, length surveyed,and GPS start/end fixes)

Sketch Yes / No **Photos** Yes / No (Roll # _____ Frames_____) **Video Tape** Yes / No (tape #_____) **Spill Version**: (name/date)