WINTER RIVER BANK OILING SUMMARY FORM for _____ Spill Page _____ of _____

1 GENERAL INFORMATION	Date (dd/mm/yy)	Time (24h): std / daylight	**Water Level**
Segment/Reach ID: Left Bank / Right Bank / Island			low - mean - bankfull - overbank
Operations Division:		_____ hrs to _____ hrs	falling - steady - rising
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/Reach Length _____ m Segment/Reach Length Surveyed _____ m*

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

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

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

Bedrock: Cliff/Ramp____ Shelf____ ***Manmade:*** Solid___ Permeable___ (type)____ ***Wetland:*** Swamp____ Bog/Fen____ Marsh_____

Sediment Bank: Clay/Mud____ Sand____ Mixed____ Pebble/Cobble____ Boulder____ Peat/Organic____ ***Vegetated Bank:***____ ***Wooded Upland:***____

Sediment Flat: Clay/Mud____ Sand____ Mixed/Coarse____ ***Other:*** _____

4B RIVER BANK SNOW and ICE CONDITIONS ***SELECT as appropriate. CIRCLE those oiled. Indicate river bank zone location/s.***

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

4C RIVER ICE CONDITIONS ***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
open drift	4/10 - 6/10	ice cakes < 20	big floe 500-2000	young: grey-white	10 - 30
close pack	7/10 - 8/10		vast-giant floe > 2000	thick	30 - 100
very close pack	9/10			very thick	> 100
compact ice	10/10	**fast ice at bank** Y / N		age unknown ___	

4B RIVER VALLEY CHARACTER ***select as appropriate*** ***complete for primary***

Cliff or Bluff:____ Est Height ____m	canyon_____	manmade____	meander ____	confined or leveed _____	Substrate Type: _____
Sloped:___ (>5º)(15º)(30º)	straight_____	braided ____	oxbow_____	flood plain valley_____	Forested / Vegetated / Bare

4E RIVER CHANNEL CHARACTER ***circle or select as appropriate***

est. width : < 1m 1–10 m 10–100 m >100m _____m **est. water depth :** <1 m 1-3 m 3-10 m >10 m ____ m

shoal(s) present Y / N **point bar present** Y / N **bar-shoal substrate :** silt / sand / gravel / cobble / boulder / bedrock / debris

seasonal water level: low / mean / bank full / overbank flow **est. change over next 7 days :** falling — same — rising

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 _____

Oiled trees/shrubs Y / N River Current strong Y / N 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	RIVER BANK ZONE				OIL COVER			OIL THICKNESS					OIL CHARACTER								SUBST. TYPE(S)
					Length	*Width*	*Distrib.*														
	MS	LB	UB	OB	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.	RIVER BANK ZONE				MAX. PIT DEPTH	OILED ZONE	SUBSURFACE OIL CHARACTER							WATER or FROST TABLE (cm)	SHEEN COLOUR	CLEAN BELOW	SUBST. TYPE(S)
	MS	LB	UB	OB	cm	cm-cm	SAP	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)