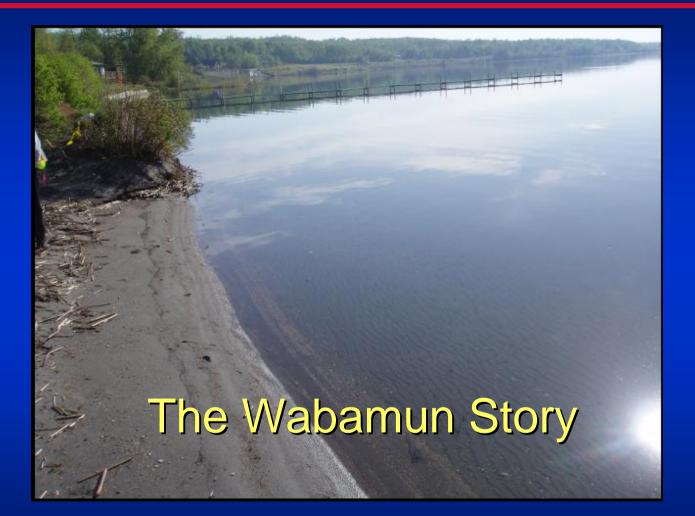
Emergency Response Management





The Spill The Lake Containment Spill Behaviour Lake Operations Spill Management







0520 MDT August 3, 2005



30351 03 derailed at mile 49.4, Edson Subdivision

140 car train derailed 43 cars

- 25 bunker C (11 leaked)
- 1 pole treating oil
- 1 toluene



oats
pulp
canola
wallboard

August 3, 2005



Total 800,500 L





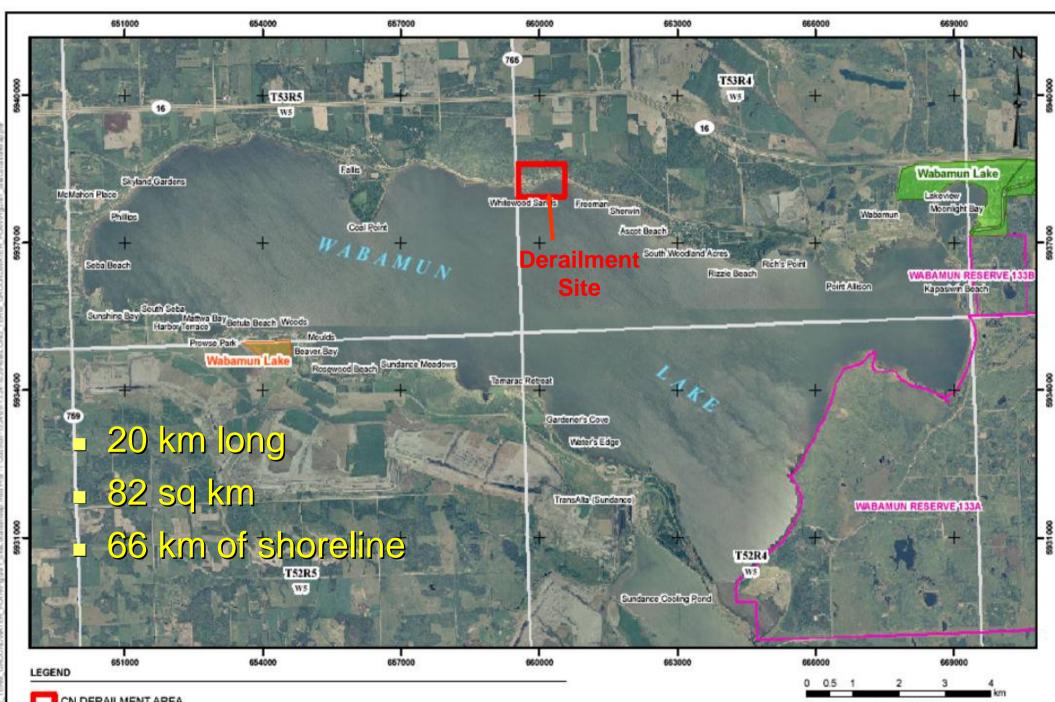


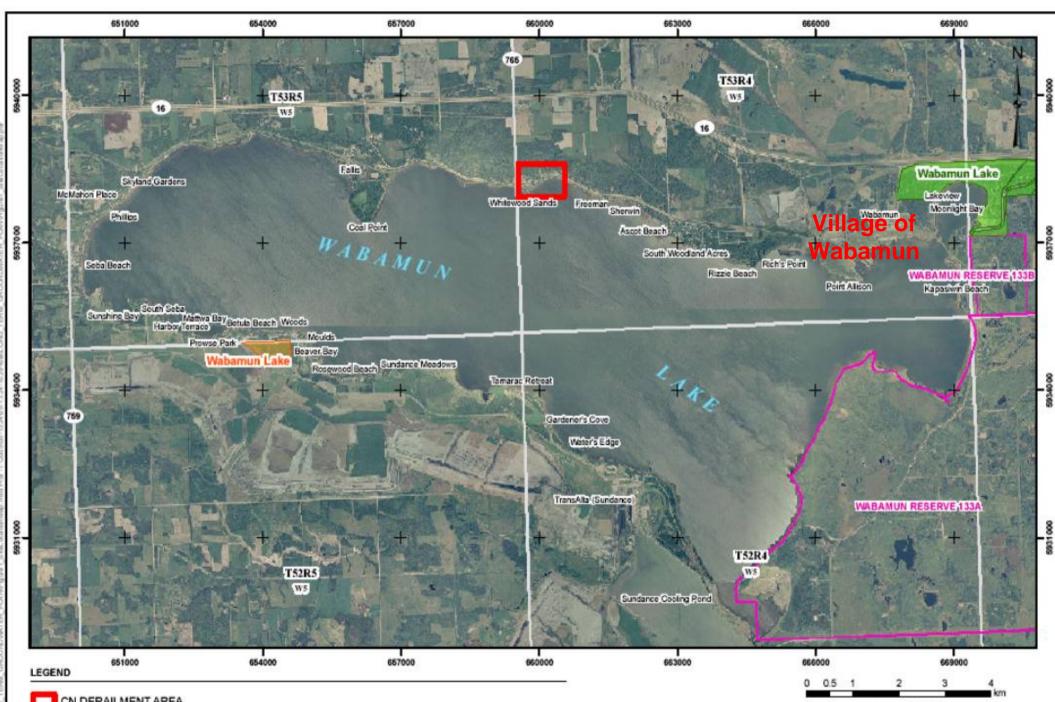


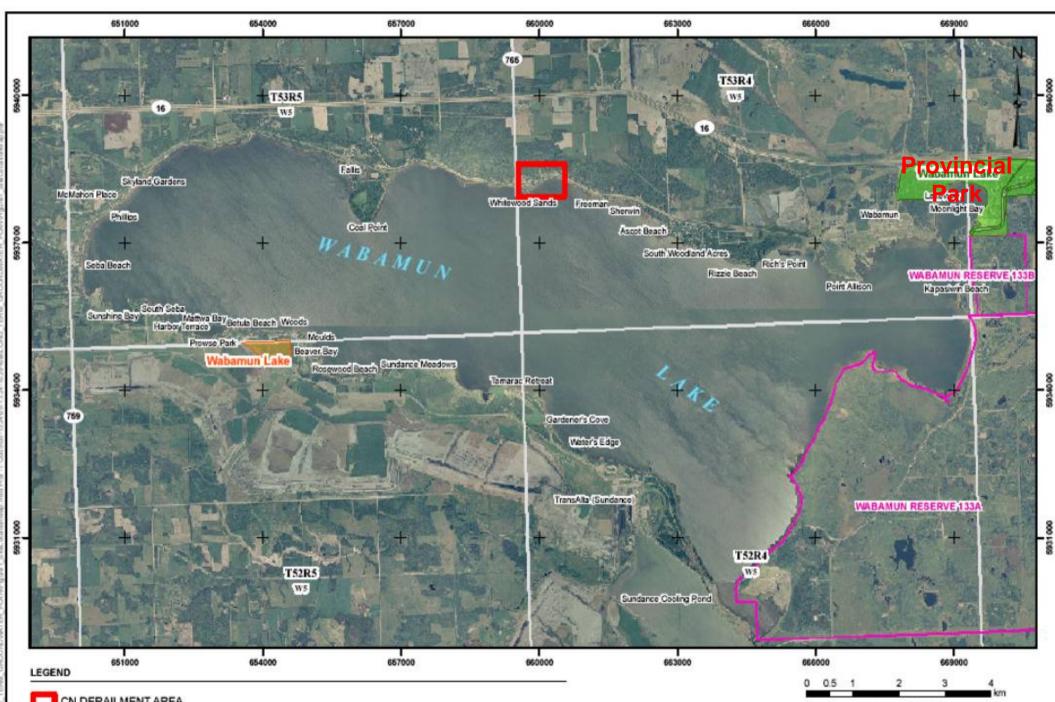
P.

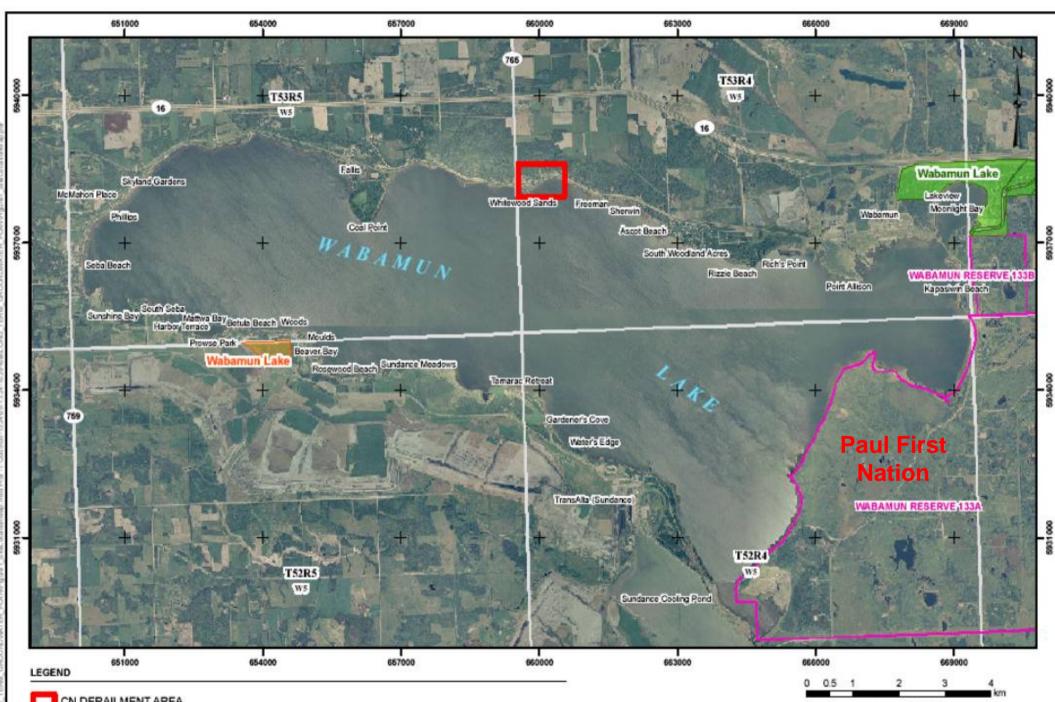
The Lake

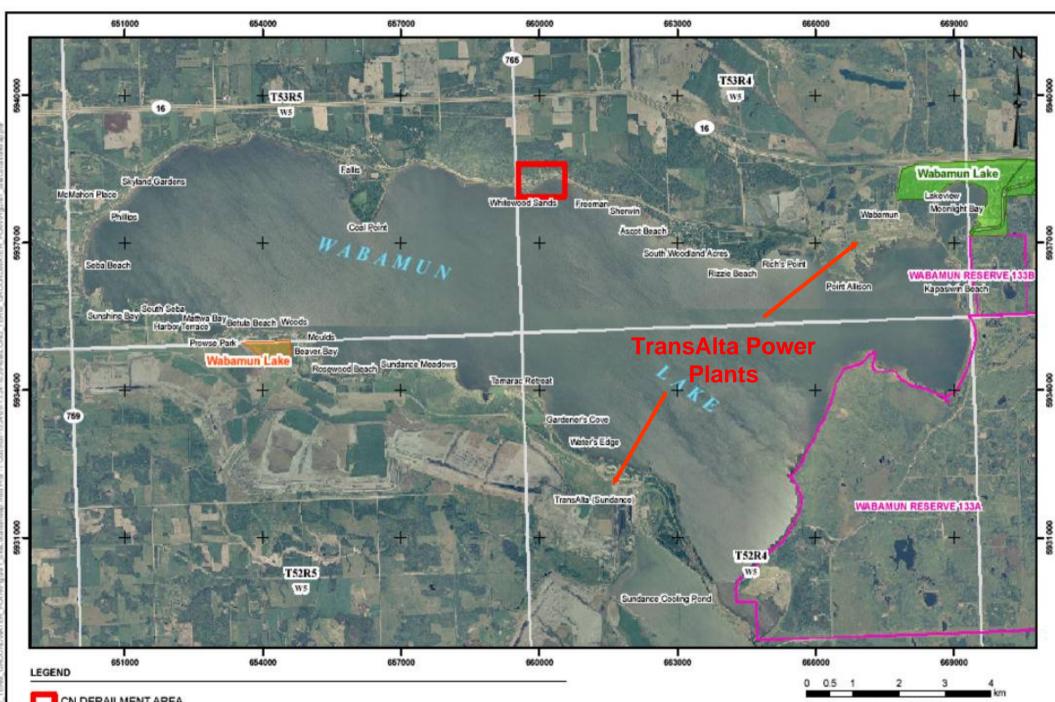


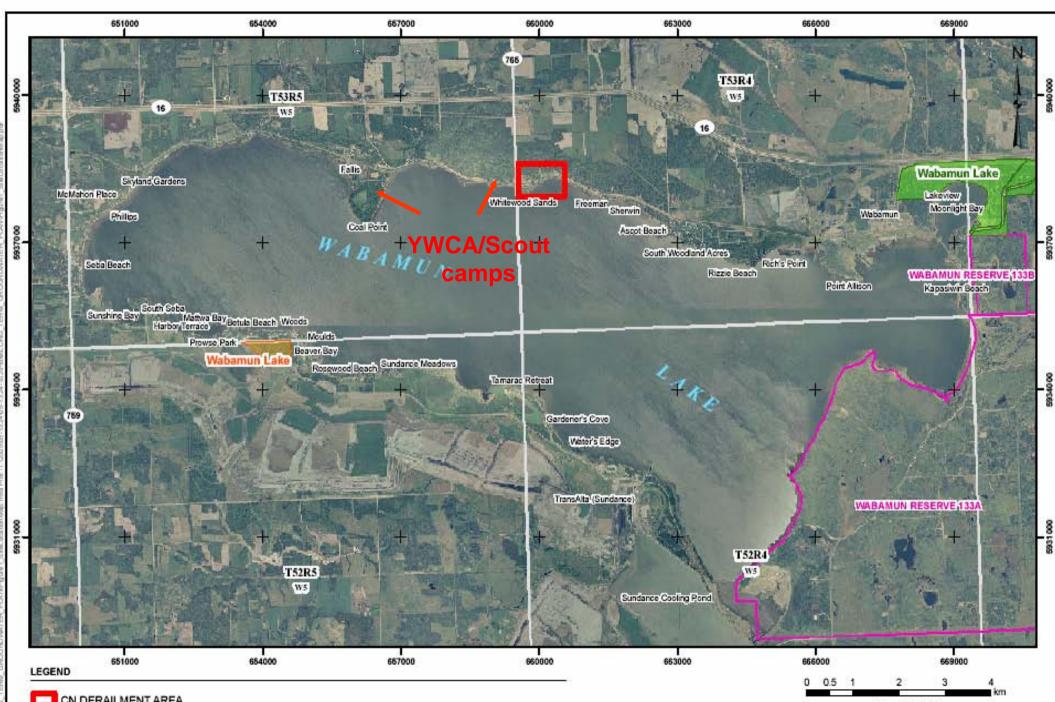


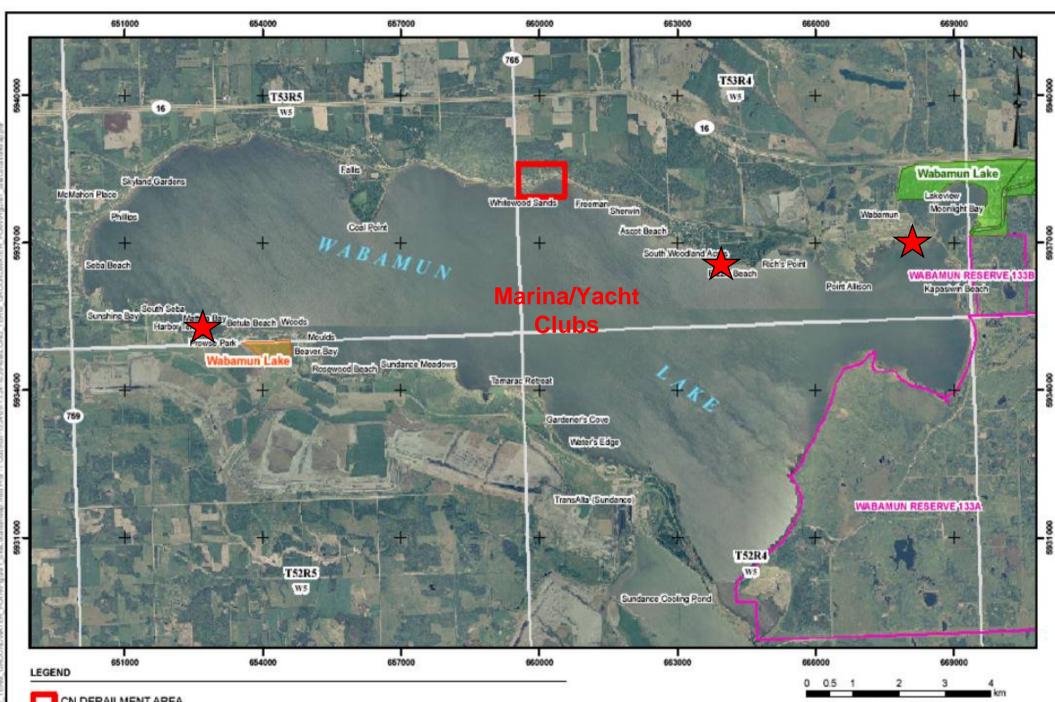


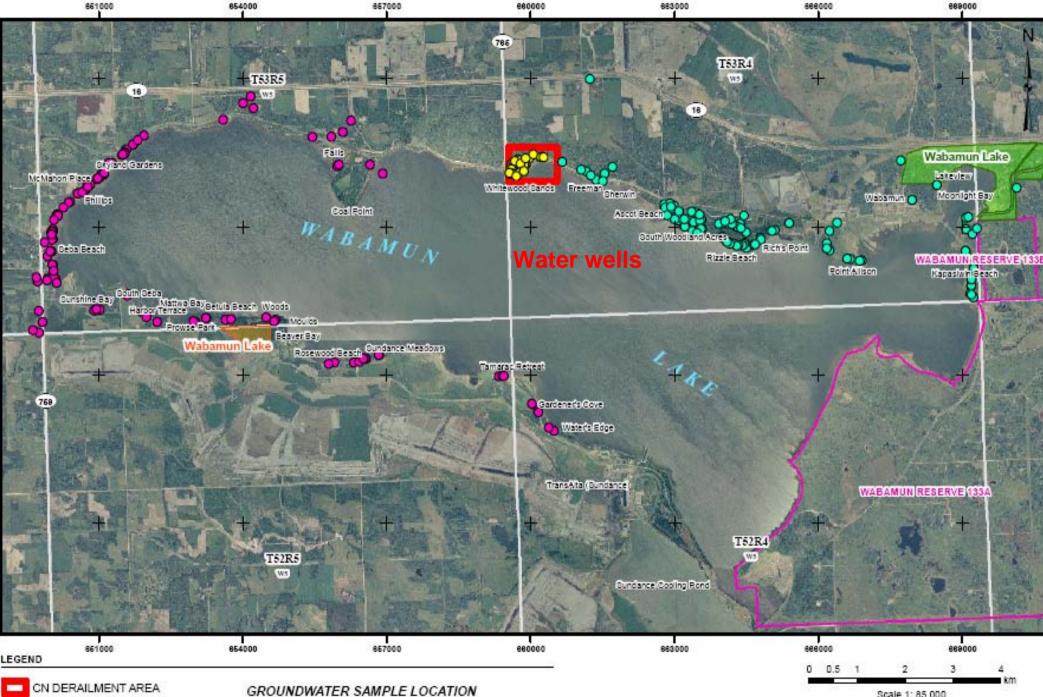












Scale 1: 85 000

Containment and Recovery





August 3, 2005

16 vacuum trucks + mini-vacs

August 3, 2005







Total Bunker C recovered: 563,000 L - 320,000 L Navid product - 231,000 L removed in contaminated soil - 12,000 L recovered in sludge Remaining volume – 149,000 L

1.24 million litres transloaded

Spill Behaviour







August 4, 2005







Lake Operations



6 boats, 30 responders on the lake 4500' absorbent boom 1000' containment boom

B10

WC+SS

August 3





Two- boat corralling August 6

-

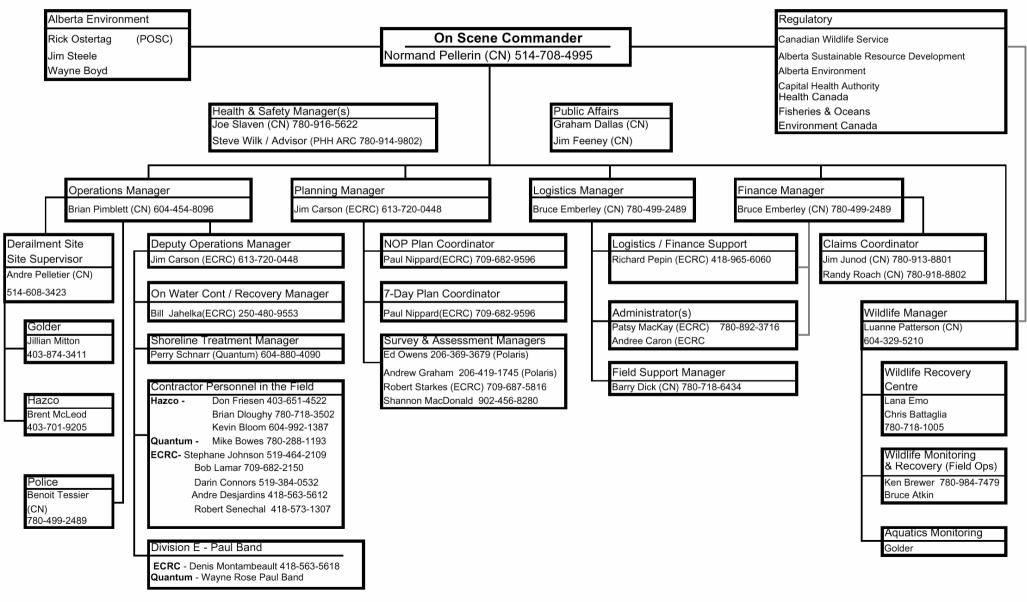


Spill Management



Incident Command System

CN MANAGEMENT STAFFING CHART



Eastern Canada Response Corporation (ECRC)



Quantum Hazco **Burrard Clean** I<mark>W A T</mark> Newalta Focus Wildlife le Industri Big Ead **Envirotest (ALS) Golder Associates Paul First Nation** Pentastar Morgan **Restoration Delta Helicopters** Paragon Soil **Big Eagle** chols Environmental Shield Environmental **Western Canadian Spill Services Polaris Applied Science** Wildlife Rehab Society of Edmonton



General Operating Plan (GOP)

			REF NO: 55
CN	GENERAL PLAN No: 1 (Rev	vision 1)	
Incid	lent: Wabamun		
Oper	rational Period Covered By The Plan:		
	Start August 25, 2005	Finish May 21, 2006	
Issue	ed By: J.B. Carson	Date/Time Issued:	September 5, 2005 / 18:00 hrs
	TABI	LE OF CONTENTS	
			Pg. No.
1.	Objectives and Priorities		2
2.	Response Operations Strategy		3
3.	General Plan Overview Bar Chart		4, 5, 6
4.	Maps		
	- Division Map(s)		7
5.	Other Information / Requirements		8, 9



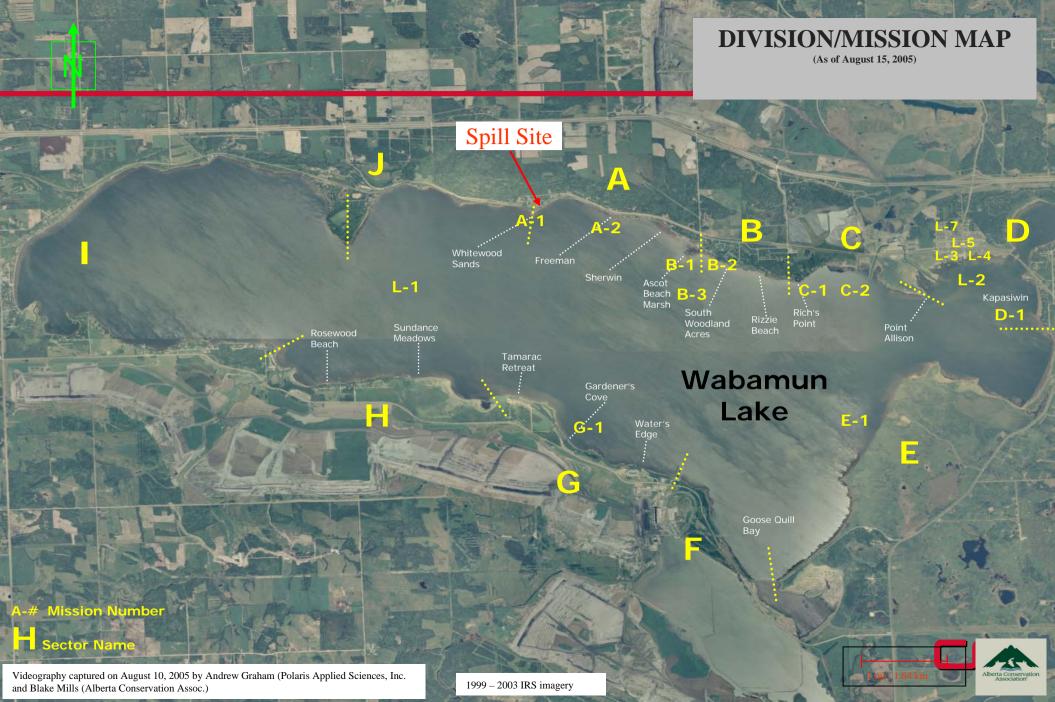
General Operating Plan (GOP)

OPERATIONS OVERVIEW CHART FALL 2005 / WINTER 2006 - GENERAL PLAN NO: 1 (Rev. 1)

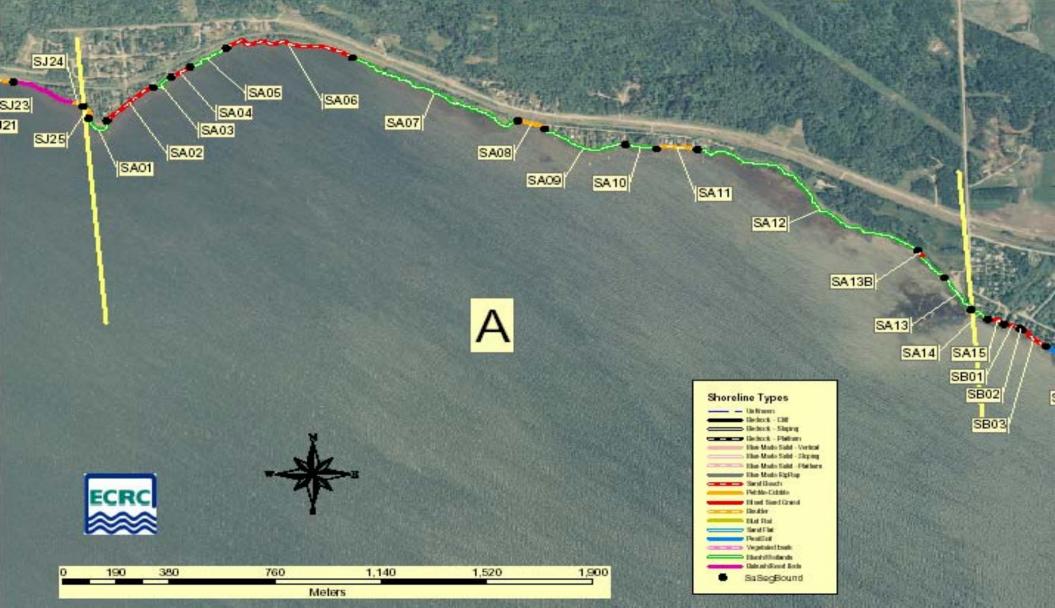
Incident: Wabamun	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Date	25 Aug	1 Sep	8 Sep	15 Sep	22 Sep	29 Sep	6 Oct	13 Oct	20 Oct	27 Oct	3 Nov
Monthly Avg. Daily Temp. (Stony Plains)	15.7	10.7	10.7	10.7	10.7	10.7	5.3	5.3	5.3	5.3	-4.4
Avg Monthly Wind Direction/ Speed	NW 11km/h	S 13km/h	S 13km/h	S 13km/h	S 13km/h	S 13km/h	S13 Km/h	S13 Km/h	S13 Km/h	S13 Km/h	S12 km/h
General Activities										L	
INITIAL SCAT SURVEYS		Completed								А	
INSPECTION AND SIGN OFF SCAT										к	
SENSITIVITY ID (GOVERNMENT)	Completed									E	
SENSITIVITY PRIORITIZATION (GOVERNMENT)	Completed										
TREATMENT STRATEGY ID (GOVERNMENT)	Completed									F	
Response Activities										R	
SPOT GROSS OIL RECOVERY AT SHORE										Е	
SOLID BOOM REMOVAL AND CLEANING										E	
SORBENT BOOM REMOVAL										z	
PASSIVE SORBENT COLLECTION										E	
REED HARVESTING										s	
SHORELINE TREATMENT											
Div A	3 x 10	5 x 10	3 x 10							0	
Div B	2 x 10	4 x 10	3 x 10	3 x 10						v	
Div C	3 x 10	2 x 10	2 x 10							E	
Div D				1 x 10						R	
Div E	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10		
Div F	2 x 10		1 x 10	2 x 10	4 x 10						
Div G		1 x 10	2 x 10	2 x 10	4 x 10	4 x 10					
Div H				3 x 10	3 x 10						
Div J	2 x 10	1 x 10	1 x 10								
SUBMERGED OIL RECOVERY											L
										Page: 4/9	1

General Operating Plan (GOP)

OPE	ERATIONS C	VERVIEW C	HART FALL	2005/WINTE	R 2006 – GE	NERAL PLA	N NO: 1 (Rev.	. 1)			
Incident: Wabamun	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Date	25 Aug	1 Sep	8 Sep	15 Sep	22 Sep	29 Sep	6 Oct	13 Oct	20 Oct	27 Oct	3 Nov
FAST ACTION RESPONSE TEAM / SPOT CLEANING				1 x 10	1 x 10	2 x 10	5 x 10	3 x 10	1 X 10	L	
Support Activities										A	
AERIAL SURVEILANCE										к	
SENSITIVITY PROTECTION										E	
VACUUM REMOVAL											
RECOVERED MATERIAL DISPOSAL										F	
DECONTAMINATION - Response Equipment										R	
DECONTAMINATION - Boat Lifts/ Docks										E	
DEMOBILIZATION										E	
										z	
RESOURCES										E	
Vessels/Reed Harvesters	17/4	18/5	18/5	18/5	18/5	15/5	15/5	13/5	13/5	s	
Boom Deployed &/or staged (ft)	72,000	72,000	72,000	72,000	72,000	72,000	72,000				
Workforce										0	
SHORELINE TREATMENT	165	165	165	165	165	80	70	42	15	v	
ON WATER OPERATIONS	45	50	50	50	50	36	36	32	32	E	
FIRST NATIONS (Sector E)	100	100	100	100	100	100	100	100	100	R	
ALL SPILL MANAGEMENT TEAM	16+CN	13+CN	14+CN	13+CN	13+CN	13+CN	12+CN	12+CN	10+CN	5+CN	4+CN
(i.e. Waste Mgt, Health & Safety, Stores) SUPPORT	62	66	66	66	66	52	52	48	48	24	24
TOTAL	388	394	395	395	395	281	270	234	205	29	28
Skimmers Staged	2	2	2	2	2	2	2				
Vac Trucks/Mini Vacs	3/2	3/2	2/2	1/2	1/2	1/2	1/1	1/1	1/1		
Helicopter	2	2	2	2	1	1	1	1	1		
									Page 5/9		



Lake Wabamun Incident Division A Shoreline Segments



Next-Day operating plan (NOP)

			REF NO: 139]
CN	NOP PLAN No: 67			NOP issued
Inci	ident: Wabamun			
Ope	erational Period Covered By The Plan:			at end of
	Start 18 OCT 2005 / 0600	Finish: 19 OCT 2005 / 06	00	every day
	(Date / Time)	(Date / Tir	ne)	every day
Issu	ued By: Jim Carson	Date/Time Issued: 17	OCT 2005 / 1700	
	TAE	BLE OF CONTENTS		
			Pg. No.	-Progress
1.	Spill Source Information / Objectives	and Priorities	2	riogrooo
2.	CN Management Staffing Chart		3	-Workplan
3.	Progress / Problems / Issues		4 - 5	-workplan
4.	Progress Chart		6	-Resources
5.	Response Operations Activities		7	-Resources
6.	Sector Summary / Status		8	\//oothor
7.	Support Assignment Summary		9-10	-Weather
8.	Resource Summary Sheet (Excluding	g Division E)	11	
9.	Resource Summary Sheet (Division B	Ξ)	12	
10.	Weather Forecast / Marine Condition	s	13	
1				

Status Report

		_						
RESPONSE OPERATIONS		REF NO: 142						
CN STATUS REPORT No: 69	e): 18 October 2005 / 1800							
Incident: Wabamun								
Date/Time Issued: 19 October 2005 / 0800	Tel:							
TABLE OF CONTENTS	Revised	No * Change	Page No					
1. CN Objectives and Priorities			2					
2. CN Management Staffing Chart		Χ		3				
3. Progress / Problems / Issues		\boxtimes		4 – 5				
4. Progress Chart	Χ		6					
5. Field Mission Summary / Status (Sectors A – J)	X		7					
6. Resource Summary Sheet (Excluding Division E	X		8					
7. Resource Summary Sheet (Division E)	X		9					
*Revisions on sheets from previous report are identified by an "X" in the last column at the end of the line.								

Issued each morning.

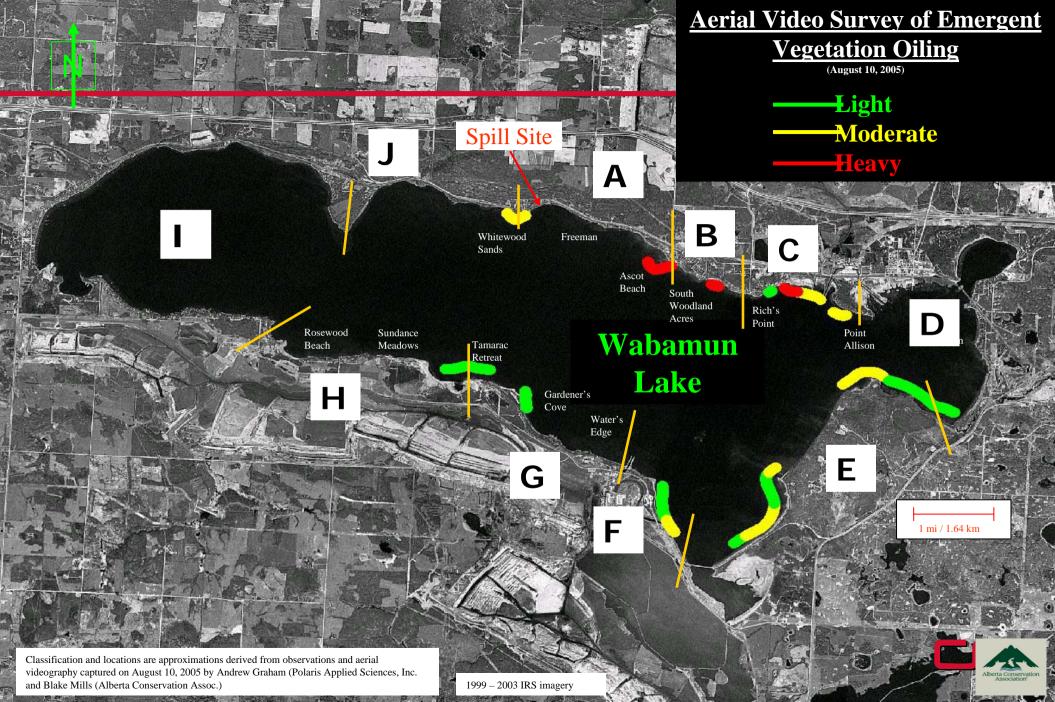
Compares progress to plan
Detailed Status

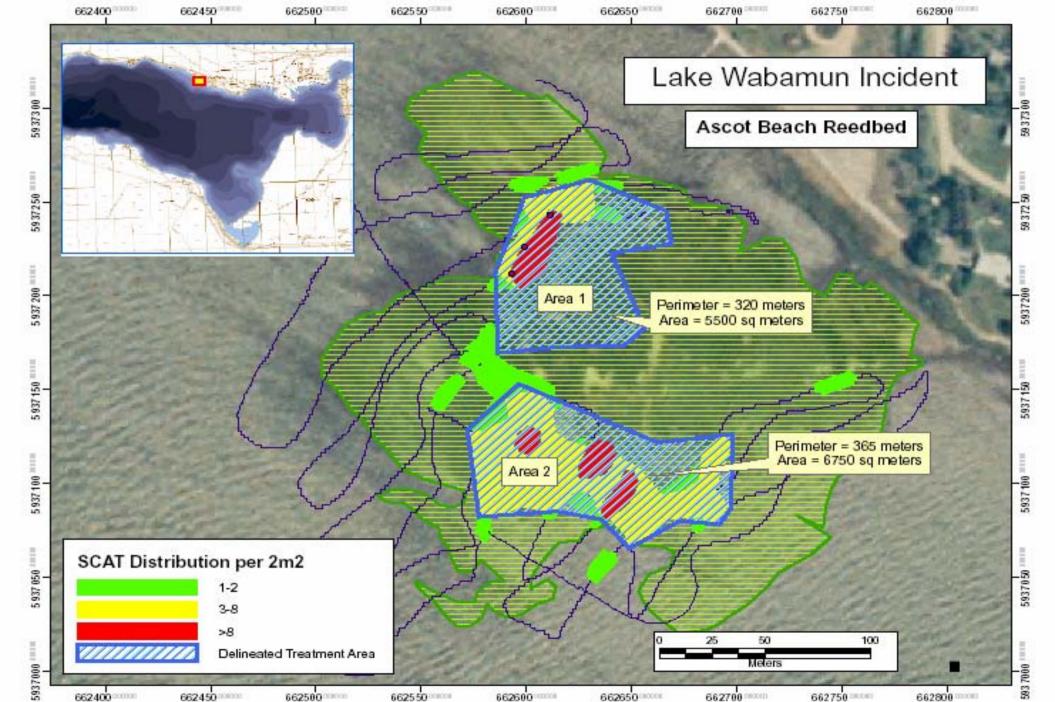


Status Report

	21, 2005									STATUS R	EPORT # 4	3
Division	А	В	С	D	E	F	G	Н	J	Sub Total	1	TOT
Shoreline Length (km)	3.53	2.059	4.31	5.26	10.68	4	4.3	5.63	4.43	44.199	17.47	61.6
Gross Oil Removal												
% Completed Shoreline Treatment	100%	100%	100%	100%	100%	100%	100%	100%	100%		n/a	
% Completed	95%	95%	95%	100%	26%	40%	45%	10%	100%		n/a	
20 Completed	0070	0070	0070	10070	2070	4070	4070	1070	100 %		11/4	
Note: 95% in shoreline treatment recognizes: 2. Some re-oiling could occur. 3. Additional sp					nent agend	cy.				emoval complete d shoreline treatr		g work
REED BED HARVESTING (HARVESTE	RS)											
			Blueberry			Sundance		Gardeners			Sundance	
Reed Bed Location	East of	Willow	Point	Blueberry	Quill	Outlet	Waters	Cove			Meadows	
% Completed *	Willow 0%	Point 0%	North 90%	Cove 75%	Bay 0%	East 0%	Edge 75%	South 80%	Tamarac 100%	Lagoon 90%	East 0%	
* Percent completed may change due to i SHORELINE SEGMENT SIGN-OFF STA Division		в	С	D	E	F	G	н	1	J	Total	
Segments Requiring Treatment /												
Total Number of Segments Identified	15/16	19/19	19/21	4/20	23/25	7/11	10/10	1/15	0/37	11/18	109/192	
	15/16 1	19/19 0	19/21 2	4/20 16	23/25 2	7/11 4	10/10 0	1/15 14	0/37 37	11/18 7	109/192 83	
Identified	1											
Identified Segments Requiring No Treatment Progress on Segments Requiring Trea	1											
Identified Segments Requiring No Treatment Progress on Segments Requiring Trea <u>Treatment</u>	1 tment	0	2	16	2	4	0	14	37	7	83	







Shoreline Cleanup

































2005 Response Resources

- 72,000 feet of containment boom deployed by August 10 – maintained until October
- 529,000 feet of absorbent boom deployed and disposed of
- Up to 25 boats deployed on the lake
- 16 vacuum trucks + 5 mini-vacuums
- Staff levels peaked Sept 30 at 477 employees
- 2 helicopters
- Approximately 300,000 man-hours in 2005
- Up to 135 First Nations workers
- Over 5,000 cubic-meter sacks of used absorbent
- 2,500 tonnes of sludge



Demobilization

HI

Rainbow

Boat Cleaning and boom decon

11 11

HH -L

Wildlife Recovery Centre.





2006 Work











Vacuuming / Flushing







	ABOUT CN SHIPPING BY PRODUCT CUSTOMER CENTRE SPECIALIZED SERVICES	MY HOME PAGE VELOCITY LOGIN
Company Inf	formation Media Investors Community Careers Safety Enviro	nment Sale of Surplus Assets
Rail Safety in the Community	Community	State of the Railroad: 10 / 05 / 2006
Aboriginal Program	Wabamun, AB	QUICK LINKS
Community Investment Program	Updates and other information on CN's cleanup and restoration activities resulting from the August 3 derailment and spill near Wabamun, AB • <u>Media Updates</u> • <u>News Releases</u>	Media Updates
CN Police	<u>CN Wabamun Information Bulletins</u>	• Media Image Centre
Obie for Kids	 Lake Wabamun Residents Loss of Use/Enjoyment Offer (May 2006) 	 <u>Financial Information</u> <u>Directors and Officers</u> <u>Corporate Governance</u> Our History
	May 28, 2006 meeting - Fact Sheets and Displays	
	 Oil Location and Recovery 	Shortline Partners
	 Letter from E. Hunter Harrison, CEO (September 3, 2005) 	 <u>CN's Logo Comes Alive</u> <u>Download CN Logo</u> <u>Trademark Licensing</u> <u>Trademark Licensing</u> <i>all aboard</i> <i>for safety</i>
	 Letter from E. Hunter Harrison, CEO (August 13,2005) 	
	<u>Regulatory Submissions</u> <u>Reports</u>	
	 Reports Background Information 	
	<u>News releases</u>	
	Photos	

111 2:30 1

www.cn.ca

 <u>SCAT Evaluations - click here to access map</u> If you have questions on the map, or any of the

Wabamun Resident Forms



