



Western Canadian Spill Services Ltd.

**WCSS  
OIL SPILL CO-OPERATIVE  
TRAINING EXERCISE REPORT**

<b>Oil Spill Co-Operative:</b>	<b>I/J</b>
<b>Oil Spill Co-Op Chairman:</b>	Don Carter (Pembina Pipeline Corporation)
<b>Exercise Date:</b>	Thursday – March 10, 2011
<b>Type of Exercise:</b>	Classroom – Awareness Training/WCSS Equipment Exhibit
<b>Location of Exercise:</b>	East Coast Edmonton Hotel – Sherwood Park, AB

**EXERCISE OBJECTIVES**

The objectives of the exercise were to: (check applicable ones)		Objectives Met	
		Yes	No
1	Supply theoretical training (classroom)	<b>X</b>	
2	Evaluate deployment methods (hands-on training)		
3	Evaluate safety procedures		
4	Evaluate boat handling and operations		
5	Evaluate response capabilities		
6	Evaluate communications		
7	Evaluate Control Point		
8	Evaluate Co-op equipment – Dryland Exercise		
9	Evaluate WCSS equipment – OSCAR/Barge-Bow Skimmer	<b>X</b>	
10	Evaluate new equipment		
11	Other (please specify)		



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**EXERCISE REPORT - CHRONOLOGICAL**

<b>Time</b>	<b>Event and Description</b>	<b>Problems</b>
07:00	Set-up – Royal Ballroom	
07:45	Registration	
08:50	Opening Remarks/Introductions/Agenda Overview/I/J Info Session (Don Carter – Area I/J Chairman)	
09:00	Exercise Overview (Al McFadyen – WCSS)	
09:10	Table Top Exercise – Glennifer Lake (Mike Locke – WCSS)	
10:20	Coffee Break	
10:35	WCSS Overview (Al McFadyen)	
11:00	ERCB Presentation (Maria Skog/Brent Kawalilak – St. Albert)	
11:15	AE – ASERT Presentation (Darryl Monnette)	
11:25	Alberta Health Services Presentation (Ray DeSmit)	
11:45	Luncheon – Royal Ballroom/WCSS Equipment Exhibit – Hotel Parking Lot – Acheson OSCAR/Barge-Bow Skimmer	
12:15	Strathcona County Emergency Services (Deputy Fire Chief Ken Jones)	
13:10	Workshop Scenario – North Saskatchewan River (Al McFadyen) Followup about this morning's Table Top	
13:50	Debriefing (Don Carter)	
14:00	Exercise Completed	

## **CLASSROOM SESSION**

Opening Remarks/Introductions/Agenda Overview/I/J Info (Don Carter – Area I/J Chairman)  
Exercise/WCSS Overview (Al McFadyen - WCSS)  
Table Top Exercise – Glennifer Lake (Mike Locke - WCSS)  
ERCB Presentation (Maria Skog/Brent Kawalilak)  
AE – ASERT Presentation (Darryl Monnette)  
Alberta Health Services Presentation (Ray DeSmit)  
Strathcona County Emergency Services (Deputy Chief Ken Jones)  
Workshop Scenario (Al McFadyen – WCSS)  
Debriefing (Don Carter – Area I/J Chairman)

## **NOTES:**

### **Table Top Exercise – Glennifer Lake – Oilspill Issues Workshop**

A worksheet was distributed to attendees who worked in groups to discuss questions.

Once completed – group discussion about three key areas:

- Issues linked to scenario
- Resources required
- Containment and recovery strategy

All comments were recorded and submitted.

### **Presentations**

Presentations revolved around the roles/responsibilities/expectations – providing an overview of their anticipated involvement and outlined resources that could be utilized should a spill threaten and/or migrate through the City of Edmonton or downstream of the City of Edmonton.

Alberta SRD – unable to attend, but emailed comments: In the event of a spill, our role would be specific to the impact of crownland or crownland owned bed and shore. Approval would be required from SRD for cleanup, specifically if the land in question needs to be modified.

### **Workshop**

- ICS is critical – will always be a number of stakeholders. Communication could be an issue.
- Ned Mills (Edmonton Fire Rescue Services) may be a charge for mutual aid assistance – taken case by case. Respond and report to their IC, ongoing through City of Edmonton Emergency Services Center.
- City of Edmonton - Hazmat – Resources: Mobile Command Post/2 Hazmat Units/2 Boats/Operations Center – resources/manpower dependent upon size/impact of incident. ie. 120 personnel available/30 trained – river experience. Equipment compatible with WCSS equipment.
- Alberta Health Services – impact of water/water supply – notification of water users within City of Edmonton Fire Department Hazmat Division/AHS will work with regulatory agencies to assist with notification.
- ERCB – lead agency – any upstream issue contact them. ERCB's role to ensure that all government/stakeholders are notified – work together to resolve issue.



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- City of Edmonton – Compliance and Information Center (24 hrs.) will take care of any notifications or will assist. EOC/public warning system.
- Media – ensure proper channels/Public Information Officer to address media.
- Insitu Burning – City consultation prior to burning/AE open to discussion – short term policy could be approved, not a quick fix. ERCB approval would be required as well. WCSS – site specific basis – hope to develop as a tool for response option.
- Important to continue to have open communication between regulatory/stakeholders/industry.
- \*Issue Tabled – Insitu Burning
- \*Issue Tabled – 911 Call
- \*Issue Tabled – ARRC – Alberta Agency Response Readiness Centre 1-866-618-2362 – communication and response co-ordination centre 24/7. Provincial issues to federal level go through ARRC – Aboriginal Relations/Government Resources/Information Authority.
- \*Issue Tabled – Where Do We Go From Here?
- \*Issue Tabled – Identify key stakeholders and how they would work together if an oil and gas company experienced an oil spill in the Edmonton area in the North Saskatchewan River
- \* Issue Tabled – Identify gaps and follow-up actions that are required to improve the effectiveness of a spill response



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**DEBRIEFING**

<b>Auxiliary Services:</b>				
Were auxiliary services such as parking, registration, meals, toilets, etc. sufficient?	Yes	<b>X</b>	No	
<b>Pre-Planning Organization:</b>				
Was pre-planning organization adequate?	Yes	<b>X</b>	No	
<b>Crew Organization:</b>				
Were personnel requirements sufficient for this exercise?	Yes	<b>X</b>	No	
Were communications within the working groups efficient and effective?	Yes	<b>X</b>	No	
<b>Equipment:</b>				
Was the equipment effective for this type of exercise?	Yes	<b>X</b>	No	
Comments:				
<b>Training Coordinator Evaluation:</b>				
Did the Training Coordinator do an adequate job?	Yes	<b>X</b>	No	
Comments:				

**Safety Comments: N/A**



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<b>RECOMMENDATIONS - WCSS EQUIPMENT:</b>	
Equipment Used:	Acheson OSCAR Unit Barge/Bow Skimmer

Equipment Deficiencies	Follow-Up (Identify Responsibilities)

<b>Debriefing Suggestions:</b>	Invite EPCOR to Awareness Level Exercises
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<b>ATTENDANCE:</b>	No. of Participants	78
	Member Companies	46
	% of Membership	89



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**AREA I/J - COMPANIES IN ATTENDANCE – MARCH 10, 2011**

<b>ARC Resources Ltd.</b>	G.Drysdale
	L.Seipert
<b>Access Pipelines</b>	B.Nydegger
	R.St.Martin
<b>Adanac Oil &amp; Gas Limited</b>	J. Begalke
<b>Advantage Oil &amp; Gas Ltd.</b>	BChitie
	K.Pocha
<b>Alberta Envirofuels Inc.</b>	M.Anderson
	D.Hemeon
	R.Weiss
<b>Alberta Environment (ASERT)</b>	J.Martens
	D.Monnette
	N.Pysh
<b>Alberta Health Services</b>	D.Garchinski
	R.DeSmit
<b>Alberta Emergency Management Agency</b>	E.Haines
<b>Anderson Energy Ltd.</b>	D.Durand



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<b>Apache Canada Ltd.</b>	C.Caron
<b>AvenEx Energy Corporation</b>	D.Durand
	C.Mahe
	L.Mahe
<b>Arsenal Energy Inc</b>	J.Begalke
<b>BP Canada Energy</b>	A.Lauzon
	G.Wallis
<b>Baytex Energy Trust</b>	D.McCullough
	C.Zaharko
<b>Bentley Oil &amp; Gas</b>	D.Durand
<b>Bonavista Petroleum Ltd.</b>	E.Klingbell
<b>Border Petroleum Inc.</b>	D.Durand
<b>Brazeau Energy (BNRG)</b>	J. Begalke
<b>CNPC International (Canada) Ltd.</b>	D.Durand
<b>Calibre Production Operators Ltd.</b>	D.Durand
<b>Cangild Resources Ltd.</b>	D.Durand



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<b>Celtic Exploration Ltd.</b>	D.Durand
<b>Coastal Resources Limited</b>	C.Mahe
	L. Mahe
<b>Cobre Venture Corporation</b>	D.McNeil
<b>Codash Oilfield</b>	C.Mahe
	L.Mahe
<b>Crew Energy</b>	C.Mahe
	L.Mahe
<b>Daylight Energy Ltd.</b>	A.Webb
<b>Direct Energy Resources</b>	F.Goulet
<b>ERCB</b>	B.Kawalilak
	M.Skog
<b>Edmonton Fire Rescue Services</b>	Captain R.Mclvor
	Hazmat Chief N. Mills
<b>Emerge Oil &amp; Gas</b>	D.Durand
<b>Enbridge Pipelines Inc.</b>	G.Book
	T.Burgardt
	G.McEachren
	I.Melligan



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<b>Encana Corporation</b>	C.Gowalko
	C.Mahe
	L.Mahe
<b>Fairborne Energy</b>	D. Durand
<b>Galleon Energy Inc.</b>	J. Begalke
<b>Gibson Energy Ltd.</b>	K.Pratt
	A.Redel
	C.VanLersberghe
<b>Harvest Operations Corporation</b>	J.Begalke
	C.Mahe
	L.Mahe
	T.Thomson
<b>Husky Energy</b>	N.Kretzel
<b>Imperial Oil Pipeline/Resources/Refinery</b>	G.Furrie
	A.Hampson
	B.Harrison
	C.Tufty
<b>Interpipeline Fund</b>	M.Jones
	J.McNaughton
<b>Keyera Energy Limited Partnership</b>	J.Birmingham



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<b>Kinder Morgan Canada Inc.</b>	A.Bartok
	K.Baskier
	T.Veenstra
	R.Wolf
<b>Kootenay Energy Inc.</b>	D.Durand
<b>Leddy Exploration</b>	D.Pope
<b>Lockwood Resources Ltd.</b>	D.Durand
<b>MEC Operating Company</b>	M.Carstairs
	C.Mahe
	L.Mahe
<b>Mancal Energy Ltd.</b>	D.Durand
<b>Mosaic Energy Ltd.</b>	D.Durand
<b>Novus Energy</b>	C.Mahe
	L.Mahe
<b>Pembina Pipeline Corporation</b>	L.Bowness
	D.Carter
	D.Marshall
	M.Olohan
	W.K.Sutherland



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<b>PennWest Petroleum Ltd.</b>	B.Chykerde
	T.Hein
	C.Mahe
	L.Mahe
<b>Petro Reef Resources</b>	K.Pocha
<b>Plains Midstream Canada ULC</b>	Ken
<b>Provident Energy Ltd.</b>	J.Studney
<b>Quantum Energy Ltd.</b>	S.Norton
<b>Redwater Disposal Company Limited</b>	E.Lupino
<b>Response Energy Corporation</b>	D.Durand
<b>Sageland Resources Ltd.</b>	J.Marchbank
<b>Shell Canada Ltd.</b>	K.Muttllun
	J.Pretzer
<b>Signalta Resources Ltd.</b>	D.Durand
<b>Strathcona County Emergency Services</b>	M.Dolinski
	K.Jones
<b>Suncor Energy</b>	V.Gauthier
	D.Kennedy



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	B.Mosich
<b>Sure Energy Inc.</b>	B.Chitie
<b>Sword Energy</b>	W.Evans
<b>TAQA North Ltd</b>	G.Kuzio
<b>Trans Northern Pipeline</b>	R.Rutherford
<b>WCSS</b>	M.Locke
	A.McFadyen
<b>Westhill Resources Limited</b>	J.Begalke
<b>Weststar</b>	D.Durand
<b>Wrangler West Energy Corporation</b>	D.Durand
<b>Zargon Oil &amp; Gas Ltd.</b>	D.Durand