



Western Canadian Spill Services Ltd.

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

Oil Spill Co-Operative:	S
Oil Spill Co-Op Chairman:	Adam Szoke (Husky Energy)
Exercise Date:	Wednesday – August 31, 2011
Type of Exercise:	Equipment Deployment – Pilot Project
Location of Exercise:	Medicine Hat College – Brooks Campus, Brooks AB
LSD/Sec/Twp/Rge/Mer:	One Tree Canal SW 34-18-14 W4M
Incident Commander:	Adam Szoke (Husky Energy)

EXERCISE OBJECTIVES

The objectives of the exercise were to: (check applicable ones)			
		Objectives Met	
		Yes	No
1	Supply theoretical training (classroom)	X	
2	Evaluate deployment methods (hands-on training)	X	
3	Evaluate safety procedures	X	
4	Evaluate boat handling and operations		
5	Evaluate response capabilities		
6	Evaluate communications		
7	Evaluate Control Point		
8	Evaluate Co-op equipment - Dryland exercise	X	
9	Evaluate WCSS equipment - Area S Brooks Unit	X	
10	Evaluate new equipment – Watergate Dam/Shallow Draft Boom	X	
11	Other (please specify) – Turner Valley Gates	X	



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EXERCISE REPORT - CHRONOLOGICAL

Time	Event and Description	Problems
August 30		
20:30	M. Locke/A. Szoke/J. Marchbank reviewed deployment site/Brooks Campus	
August 31		
07:30	Set-up/Registration/Brooks Campus and Cafeteria	
	Area S Brooks Response Unit arrives on site Watergate Dam/Shallow Draft Boom/Turner Valley Gates arrives on site	
09:00	Opening Remarks/Introductions/Area S Overview (Adam Szoke – Area S Chairman)	
09:20	ERCB Regulatory Presentation (Doug Anton)	
09:30	AENV Regulatory Presentation (Chad Schappy)	
09:40	WCSS Overview/Exercise Objectives (Mike Locke)	
10:15	Training Manual Review (Mike Locke)	
10:30	Go outside – Dryland Training (Mike Locke)	
11:50	Dryland Training completed	
12:00	Luncheon provided at Campus Cafeteria	
13:00	Attendees return to deployment site – One Tree Canal On-Site Safety Briefing (Safety Officer – Rob Drader) Deployment Strategy Review (IC – Adam Szoke)/Crew Captains Traffic control – deploy 4 people – traffic in area	
13:20	Crews break out into 3 groups – meet with Captains Begin to deploy equipment/construct straw boom	PFD's should be worn Note: holes – tripping
13:30	Deploying boom into canal – primary/secondary systems	
13:33	Straw boom deployed into canal	
13:38	Trash pump primed	
13:40	Mike walks/discusses each station with attendees	
13:55	Good primary boom setup	
14:10	Takedown	
14:20	Debriefing/Doorprize Draw/Distribution of Attendance Cards	
	Exercise completed	



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CLASSROOM SESSION

Opening Remarks/Introductions/Area S Overview (Adam Szoke – Area S Chairman)

ERCB Regulatory Presentation (Doug Anton)

AENV Regulatory Presentation (Chad Schappy)

WCSS Overview/Training Manual Review (Mike Locke)



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SAFETY

WCSS Oil Spill Cooperative Exercise Hazard Assessment

1. Equipment

Task/Activity

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Parking | <input checked="" type="checkbox"/> Equipment Spotting | <input checked="" type="checkbox"/> Loading/Unloading |
| <input checked="" type="checkbox"/> Staging | <input checked="" type="checkbox"/> Dryland Equipment Deployment | <input type="checkbox"/> Helicopter Use |
| <input type="checkbox"/> Other _____ | | |

Hazard (high)

- | | | |
|---|---------------------------------------|---|
| <input type="checkbox"/> Personnel Injuries | <input type="checkbox"/> Health Issue | <input type="checkbox"/> Equipment Damage |
| <input type="checkbox"/> Other _____ | | |

Mitigation/Safety Controls

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Health Screening | <input type="checkbox"/> Health Restrictions | <input checked="" type="checkbox"/> Equipment Orientation |
| <input checked="" type="checkbox"/> Safety Meeting | <input checked="" type="checkbox"/> PPE | <input checked="" type="checkbox"/> Crew Member Assignment |
| <input checked="" type="checkbox"/> Track Attendees | <input checked="" type="checkbox"/> Warning Signs | <input type="checkbox"/> Barriers |
| <input type="checkbox"/> Identify Restricted Areas | <input checked="" type="checkbox"/> Identify Work Zones | <input checked="" type="checkbox"/> Buddy System |
| <input checked="" type="checkbox"/> Emergency Signal | <input checked="" type="checkbox"/> Muster Station | <input checked="" type="checkbox"/> First Aid |
| <input checked="" type="checkbox"/> EMS | <input type="checkbox"/> Communications Plan | <input type="checkbox"/> Weather Tracking |
| <input type="checkbox"/> Weather Restrictions | <input checked="" type="checkbox"/> Warming Tent/Facility | <input checked="" type="checkbox"/> Sanitation |
| <input checked="" type="checkbox"/> Water/Food | <input checked="" type="checkbox"/> Wildlife Identification | <input type="checkbox"/> Wildlife Strategy |
| <input checked="" type="checkbox"/> Identify Equipment Deployment Strategy | | |
| <input type="checkbox"/> Other _____ | | |



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2. Working Along Shoreline

Task/Activity

- Transporting Equipment Loading Boats Deploying Equipment

Hazard (medium/high)

- Personnel Injuries Equipment Damage Utilities Hit
 Other _____

Mitigation/Safety Controls

- Health Screening Health Restrictions Equipment Orientation
 Safety Meeting PPE Crew Member Assignment
 Track Attendees Warning Signs Barriers
 Identify Restricted Areas Identify Work Zones Buddy System
 Emergency Signal Muster Station First Aid
 EMS Communications Plan Weather Tracking
 Weather Restrictions Warming Tent/Facility Sanitation
 Water/Food Wildlife Identification Wildlife Strategy
 Safety Boat Shoreline Safety Station Crew Briefing
 Identify Equipment Deployment Strategy Identify Underground Facilities
 Waist Belt on Chest Waders Other _____



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3. Boat Operation – no boats required

Task/Activity

- | | | |
|--|--------------------------------------|------------------------------------|
| <input type="checkbox"/> Equipment Loading | <input type="checkbox"/> Launching | <input type="checkbox"/> Operating |
| <input type="checkbox"/> Private Vessels | <input type="checkbox"/> Other _____ | |

Hazard (high)

- | | | |
|---|--|---|
| <input type="checkbox"/> Personnel Injuries | <input type="checkbox"/> Public Injuries | <input type="checkbox"/> Equipment Damage |
|---|--|---|

Mitigation/Safety Controls

- | | | |
|---|---|--|
| <input type="checkbox"/> Health Screening | <input type="checkbox"/> Health Restrictions | <input type="checkbox"/> Equipment Orientation |
| <input type="checkbox"/> Safety Meeting | <input type="checkbox"/> PPE | <input type="checkbox"/> Crew Member Assignment |
| <input type="checkbox"/> Track Attendees | <input type="checkbox"/> Warning Signs | <input type="checkbox"/> Barriers |
| <input type="checkbox"/> Identify Restricted Areas | <input type="checkbox"/> Identify Work Zones | <input type="checkbox"/> Buddy System |
| <input type="checkbox"/> Emergency Signal | <input type="checkbox"/> Muster Station | <input type="checkbox"/> First Aid |
| <input type="checkbox"/> EMS | <input type="checkbox"/> Communications Plan | <input type="checkbox"/> Weather Tracking |
| <input type="checkbox"/> Weather Restrictions | <input type="checkbox"/> Warming Tent/Facility | <input type="checkbox"/> Sanitation |
| <input type="checkbox"/> Water/Food | <input type="checkbox"/> Wildlife Identification | <input type="checkbox"/> Wildlife Strategy |
| <input type="checkbox"/> Operator Certification | <input type="checkbox"/> PFD | <input type="checkbox"/> Crew Briefings |
| <input type="checkbox"/> Equipment Service Checks | <input type="checkbox"/> Identify Roles | <input type="checkbox"/> Identify Traffic Patterns |
| <input type="checkbox"/> Set Distances for Operations | <input type="checkbox"/> Safety Boat | <input type="checkbox"/> Up & Downstream Bouys |
| <input type="checkbox"/> Up & Downstream Signage | <input type="checkbox"/> Identify Equipment Deployment Strategy | |
| <input type="checkbox"/> Other _____ | | |

DEBRIEFING

Auxiliary Services:				
Were auxiliary services such as parking, registration, meals, toilets, etc. sufficient?	Yes			
Pre-Planning Organization:				
Was pre-planning organization adequate?	Yes			
Crew Organization:				
Were personnel requirements sufficient for this exercise?	Yes			
Were communications within the working groups efficient and effective? Radios were available if required.	Yes			
Equipment:				
Was the equipment effective for this type of deployment exercise?	Yes			
Comments:				
Was the equipment deployment technique effective for this site?	Yes			
Comments:	Excellent deployment setup/Division of 3 groups – good training technique			
Training Coordinator Evaluation:				
Did the Training Coordinator do an adequate job?	Yes			
Comments:	Very knowledgeable/good dryland review			

Safety Comments: All required WCSS safety forms were reviewed and completed.

Spill Medium:

Was Spill Medium was used for the exercise?			No	
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Control Point Evaluation: N/A

Recommendations:	
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RECOMMENDATIONS - WCSS EQUIPMENT:	None to report
Equipment Used: Area S Brooks Unit Watergate Dam/Turner Valley Gates/ Shallow Draft Boom	

Equipment Deficiencies	Follow-Up (Identify Responsibilities)

Debriefing Suggestions:	Brush should be cleared in worksite area
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ATTENDANCE:

No. of Participants	102
Member Companies	74
% of Membership	81



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AREA S - COMPANIES IN ATTENDANCE – AUGUST 31, 2011

Absolute Safety	B.Drader
	R.Drader
	K.Nufeld
	R.Weatherby
AENV/ASERT (Alberta Environment)	C.Schappy
Alberta Health Services	C.Foster
	A.Gehl
Advantage Oil & Gas Ltd.	T.Evans
	R.Russell
AltaGas	Q.Jensen
ARC Resources Ltd.	D.Neufeld
Atco Midstream	B.Hertz
Avalon Energy Ltd.	E.Dutchak
BP Canada Energy	D.Emms
	G.Wenzel
Barrick Energy Inc.	R.Church
Base Resources Inc.	R.Lelemyer
	W.Stange
Baytex Energy Trust	Q.Jensen
Bonavista Petroleum Ltd.	K.Schacher
	G.Seefried
	M.Zachow
Bowood Energy Ltd.	Q.Jensen
	T.Rucken
Brooks Bulletin	J.Beecher
	B.Parker
Brooks Fire Department	S.Luchies



Western Canadian Spill Services Ltd.

Canadian Coyote Corporation	W.Stange
Canadian Natural Resources Limited	W.Danchsk
	T.Rucken
	S.Volk
	N.Waddle
Celtic Exploration Ltd.	T.deJong
Cenovus Energy Inc.	G.Bromley
	L.Ehmann
	S.Fournier
	B.Greenstein
	R.Harty
	L.Hopp
	R.McLaughlin
	C.McMillan
	J.Mezei
	C.Patey
	D.Phillips
	J.Riddell
	D.Sehn
	B.Terada
	B.VanHam
J.VanHam	
D.Webber	
Chinook Energy Inc.	K.Bradford
City of Medicine Hat Fire Department	C.Eakins
	M.Kowalski
	C.Prosofsky
	W.Taillon



Western Canadian Spill Services Ltd.

Compass Petroleum Partnership	R.Church
Compton Petroleum Corporation	G.Deines
	G.Gorzitza
Conoco Phillips Canada Resources Corporation	B.Cowie
County of Newell Fire Services	K.Martin
Conserve Oil Corporation	R.Church
Crescent Point Energy Trust	M.Zachow
Diaz Resources Ltd.	Q.Jensen
Direct Energy Ltd.	B.Jans
	R.Maier
	S.Schick
Eastern Irrigation District	R.Svenson
Edalis Energy Inc.	K.Drake
Enerplus Resources Corporation	J.Belanger
	T.Guest
	J.Rubins
	L. Schmidt
	W.Schuett
	C.Thompson
EOG Resources Canada Inc.	J.Beck
	D.Magnusson
ERCB (Energy Resources Conservation Board)	D.Anton
Glencoe Resources Ltd.	G.Lakeman
Gryphon Petroleum Corporation	D.Robertson
	W.Stange
Harvard Energy	Q.Jensen
Harvest Operations Corporation	C.Walker
	M.Zachow



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Husky Oil Operations Ltd.	G.Lobdell
	D.Permann
	A.Szoke
Interpipeline Fund	R.Desjardins
Kanex Energy Corporation	B.Christman
Kinder Morgan Canada Inc.	D.Hartley
	S.Young
Mancal Energy Ltd.	G.Lobdell
NAL Resources Ltd.	A.Waugh
	M.Zachow
Newalta Corporation	J.Corcoran
	R.Kusnir
North Hunter	R.Church
Nuloch Resources Inc.	Q.Jensen
NuVista Resources Ltd.	C.Walker
	M.Zachow
Pace Energy Ltd.	D.Campbell
	R.McGarva
	D.Nielsen
	N.Shaikh
Paramount Resources Ltd.	K.Bradford
Pengrowth Corporation	T.Cameron
	L.Houff
PennWest Petroleum Ltd.	B.Darbel
	A.Hannah
	J.Hrubizna
PetroBakken Energy Ltd.	L.Goodeagle
Plains Midstream Canada ULC	L.Ainscough



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Ridal Resources Ltd.	E.Dutchak
Sageland Resources Ltd.	J.Marchbank
Shorthorn Exploration Ltd.	C.Walker
	M.Zachow
Skywest Energy Corporation	R.Lelemyer
	W.Stange
Sphere Energy Corporation	G.Lobdell
Sutton Energy Ltd.	J.Lukey
Sword Energy Inc.	D.Mclvor
TAQA North Ltd	C.Angyal
	D.Collett
Tandem Energy Corporation	S.Gormier
TransCanada /Keystone Pipeline	G.Trask
WCSS	S.Jarrell
	M.Locke
	S.Wooldridge
Wildstream Exploration	T.Rucken
Wolf Coulee Resources Inc.	Q.Jensen
	J.Lukey
Zargon Oil & Gas Ltd.	R.Church
	B.Lobdell