

BREA Final Results Forum



BEAUFORT REGION

OIL SPILL RESPONSE TRAINING COURSE

**John Korec, EP, Chair
Oil Spill Preparedness and Response
Working Group
February, 2015**

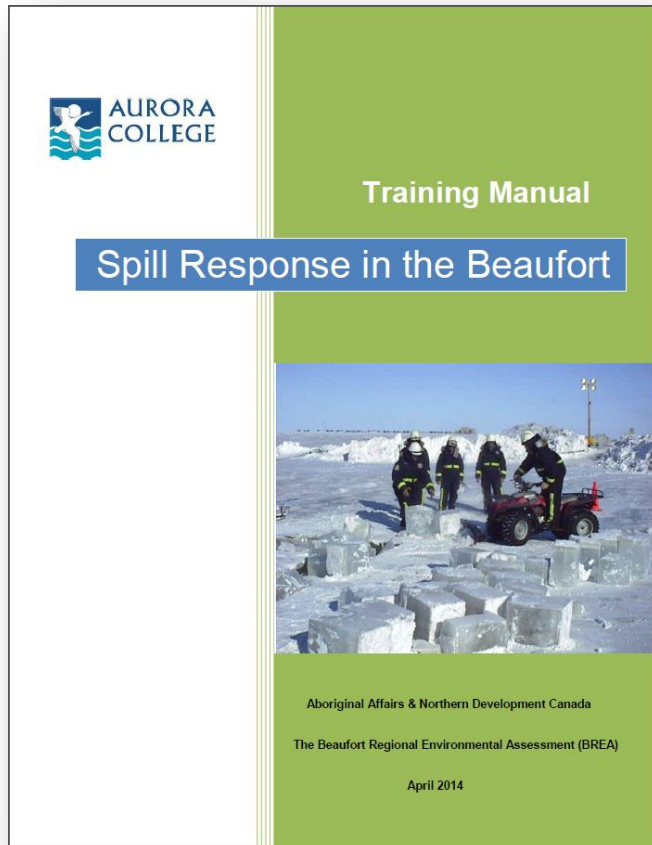
Community Training Needs Report

- Community concerns about the lack of oil spill response capacity
- Interested in being active participants in all phases of oil spill response
- Participants wish community-based spill response training on:
 - effects on wildlife, habitat & people
 - oil spill response techniques
 - monitoring techniques
 - fate & effects of oil, dispersants & in-situ burning
 - safety

Oil Spill Response Training Curriculum Development

- ❑ **BREA-funded**
- ❑ **Developed by Lawrence Solsberg, P.Eng:**
 - **Counterspil Research Inc., spill responder**
 - **northern experience, developing & delivering spill response training**
- ❑ **Assisted by Dr. Ed. Owens:**
 - **Owens Coastal Consultants Ltd.**
 - **spill response experience and in developing & delivering training**
- ❑ **WG reviewed & assessed excellent curriculum**

Oil Spill Training Program



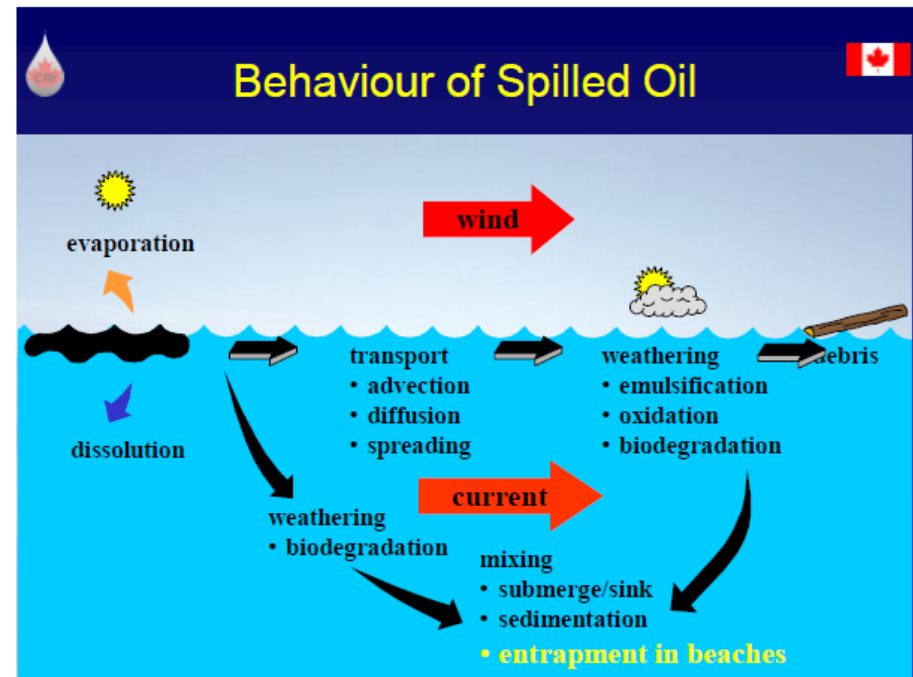
- **Aurora College, Inuvik**
 - 1-week program
 - training manual
 - field guides
 - 14 modules
 - 2 field sessions
 - shoreline treatment
 - response equipment depot
 - final test
- **Prerequisite for more technical & hands-on Industry training**

Oil Spill Training Program

■ Examples:

- causes of spills;
- fate, behaviour & impacts in open water & in ice;
- containment & removal in open water & in ice;
- dispersant use & in-situ burning;
- shoreline types & treatment

■ First delivery of training for 2015!



Training Modules



- 1. Course Introduction, Regulations, Sources, Causes of Spills**
- 2. Prevention, Spill Tiers, ICS, Response Plans, Roles, Reporting**
- 3. Fate, Behaviour & Impacts of Spills in Open Water**
- 4. Spill Fate & Behaviour in Ice**
- 5. Health and Safety**
- 6. Containment in Open Water**
- 7. Containment in Ice**

Training Modules Continued



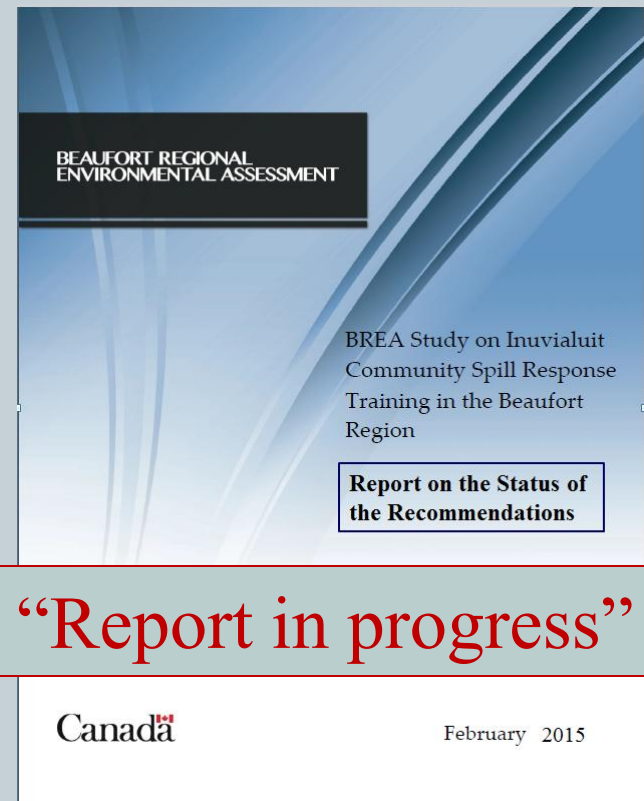
- 8. Removal in Open Water**
- 9. Removal in Ice**
- 10. Dispersants & In situ Burning**
- 11. Storage, Transfer & Disposal**
- 12. Transportation & Logistics**
- 13. Shoreline Types & Protection**
- 14. Shoreline Treatment**
- 15. Shoreline Treatment (Field Session)**
- 16. Review of Equipment Depot (Field Session)**
- 17. Course Summary & Test**

Training Needs Recommendations

Training Needs Study Recommendations



Report on the Status of the Recommendations



Community Training Needs Study

■ Recommended actions:

- 10 actions within 1 to 2 years (6 are initiated)
- 4 actions within 5 to 8 years time frame
- development of a locally-based oil spill training curriculum

■ Potential lead organizations:

- federal – AANDC, EC, NEB, CCG
- Inuvialuit – IRC, IGC, HTC's, Inuvialuit Cultural Resource Centre, Hamlets,
- industry – operators, spill response organizations

Media Reports



On December 17, 2014 the media reported that:

- **“Chevron [Canada Limited] said ... a plan to drill for oil in the Beaufort Sea in Canada’s Arctic is on hold indefinitely because of what it called “economic uncertainty in industry” as oil prices fall.”, and**
- **Imperial Oil and its partners, “...have not yet made an investment decision...”**

Circumstances



- ❑ **Offshore development delayed or in doubt**
 - no offshore drilling applications yet before NEB
 - Imperial Oil proposal under review by EIRB
 - same season relief well approach under review by NEB
 - in 2014, Chevron shelved plan for Beaufort Sea drilling
 - ConocoPhillips uncommitted on Amauligak
- ❑ **Training Needs Study Recommendations**
 - should hold off implementing until offshore development is more certain
 - in the meantime, should periodically review status of the recommendations

Thanks



Thanks to our active working group members:

- ✓ George McCormick (ret.)
- ✓ John Korec
- ✓ Amanda Joynt
- ✓ Carl Brown
- ✓ Dan Behm
- ✓ Evan Birchard
- ✓ Ian Denness
- ✓ Frank Pokiak
- ✓ Joanne Munroe
- ✓ Norm Snow
- ✓ Todd Paget

Some of the WG members have moved to other roles, or other organizations, or retired.

Recommendations and Status



#	Recommendation	Potential Lead	Status
1	Develop an action plan on who is responsible for responding to a spill depending where and when the spill occurs.	AANDC with EC and NEB	In progress
2	Develop a list of trained individuals in each community and type and timing of that training.	Local Hamlet offices or HTC's	To be considered or initiated
3	Update sensitivity maps – use CCPs, local and traditional knowledge	EC and AANDC	Completed
4	Provide information and training to students in schools on oil spills and oil and gas industry in general	Active oil and gas operators and regulators	To be considered or initiated
5	Develop a means for Inuvialuit to be part of decision making process on how to respond to a spill and follow-up monitoring required	IRC and IGC	In progress

Recommendations and Status

#	Recommendation	Potential Lead	Status
6	Develop an Inuvialuit or advisory board to advise industry and interface with communities during spill response efforts?	IRC and IGC	To be considered or initiated
7	Establish Inuvialuit owned or joint venture company or co-op to conduct spill response training and activities	IRC and IDC	To be considered or initiated
8	Share knowledge with communities regarding industry and oil spills, e.g., what factors does industry consider when developing a spill response plan and what is contained in the plan, all aspects of oil spills including fate and effects and response methods	Active oil and gas operators	In progress
9	Put together a collection of existing traditional knowledge and information on coastal and offshore areas of the ISR	IRC and Inuvialuit Cultural Resource Centre	In progress
10	Hold additional workshops on different facets of oil spills and responses	AANDC, EC and DFO	To be considered or initiated

Recommendations and Status



#	Recommendation	Potential Lead	Status
11	Have one or more trained communications people in communities	IRC and IGC	To be considered or initiated
12	Prepare to have Inuvialuit experience and expertise ready –capacity building	Spill response company or coop	To be considered or initiated
13	Identify potential funding sources for training	Spill response company or coop	To be considered or initiated
14	Use local facilities for training whenever possible	Spill response company or coop	To be considered or initiated