



BREA Results Forum



THE BREA OIL SPILL PREPAREDNESS & RESPONSE WORKING GROUP

Who are we?

What do we do (purpose)?

What have we accomplished?

What should we do next?

Who are we?



- ❑ A working group of the Beaufort Regional Environmental Assessment
- ❑ Co-chaired by AANDC and NEB with members from:
 - Inuvialuit Game Council, Inuvialuit Joint Secretariat
 - Canadian Coast Guard, Environment Canada, Fisheries and Oceans, and Transport Canada
 - GNWT Environment and Natural Resources and Yukon Government
 - Canadian Association of Petroleum Producers (industry)

What do we do?



- ❑ We identify ways to improve the ability of government, Inuvialuit and industry to prepare for and respond to a significant spill from oil and gas activities in the Beaufort Sea by:
 - engaging and understanding Inuvialuit and stakeholders concerns
 - resolving knowledge gaps to assist development of a coordinated, tiered response plan
 - identifying research studies, workshops and training opportunities to educate and clarify government, Inuvialuit and industry roles
 - coordinating our work with other committees like the AANDC Beaufort Sea Emergency Preparedness Working Group

What have we accomplished?

Dispersant Use

Workshop

BEAUFORT REGIONAL ENVIRONMENTAL ASSESSMENT

Workshop on Dispersant Use in the Canadian Beaufort Sea

Canada

October 2011

Training Needs

Workshop

BREA Study on Inuvialuit Community Spill Response Training in the Beaufort Region: Current Capacity, Projected Need, Realistic Roles and Gap Identification

Final Report

January, 2013

Prepared for:
Aboriginal Affairs and Northern Development Canada
Yellowknife, Northwest Territories

Prepared by:
Kavik-Stantec Inc.
Calgary, Alberta

In Association with:
S.L. Ross Environmental Research Ltd.

Project Number: 123510832



Mandates & Roles Survey

BEAUFORT REGIONAL ENVIRONMENTAL ASSESSMENT

Oil Spill Preparedness and Response Working Group

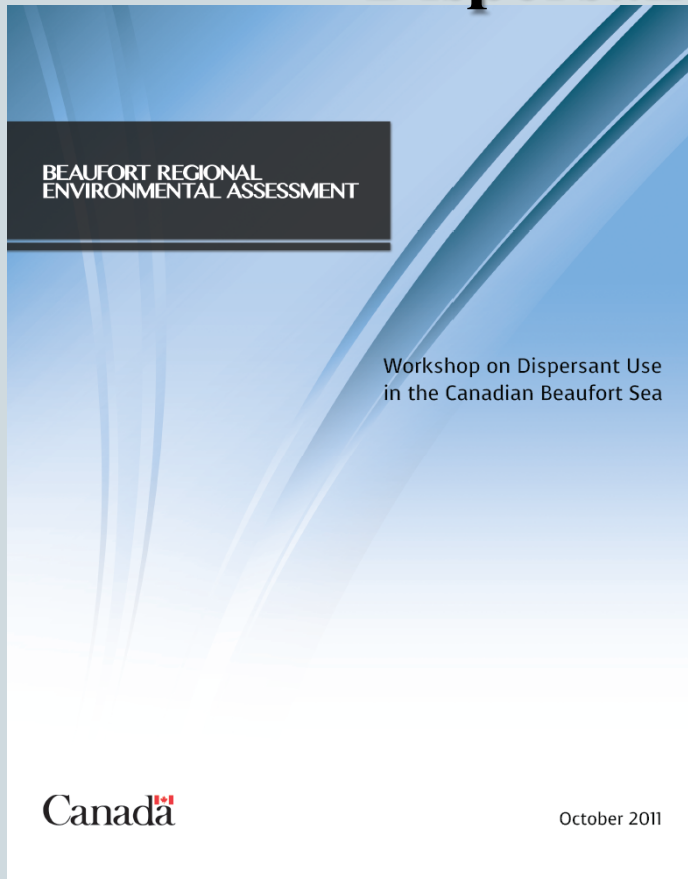
Inuvialuit, Federal and Territorial Government Mandates and Roles for a Tier 3 Beaufort Sea Oil Spill Response

Canada

January 2013

What have we accomplished?

Dispersant Use Workshop



SL Ross Environmental
Research Limited, 2011.

Workshop on
Dispersant Use in the
Canadian Beaufort Sea.

Dispersant Use Workshop



Report is a very good source of the knowledge we shared (www.BeaufortREA.ca)

❑ 57 people at the 2-day Aug., 2011 Inuvik workshop

❑ Topics included:

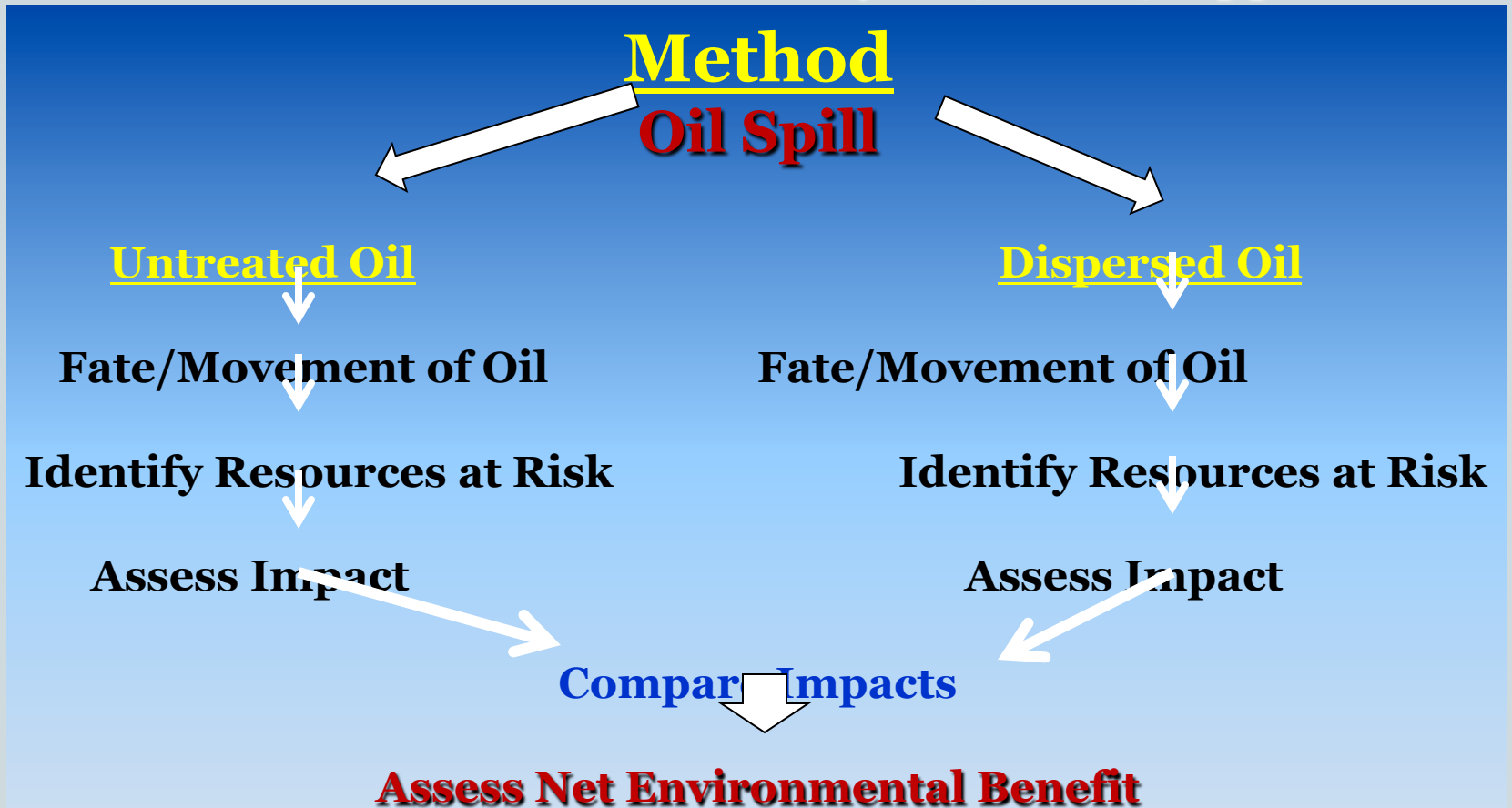
- resource and environmental setting of the Beaufort Sea
- technical aspects and effectiveness of dispersant use
- oil spill risks and net environmental benefit analysis (NEBA) method
- dispersant toxicology and evaluation
- dispersant regulation in other jurisdictions

❑ A tabletop exercise provided views and comments from communities, government & industry

Dispersant Use Workshop



Net Environmental Benefit Analysis (NEBA) Approach



Dispersant Use Workshop – Inuvialuit Concerns

- ❑ The whole of the Beaufort Sea is important to the Inuvialuit.
- ❑ How would harvesters be compensated in a timely manner in the case of an oil spill?
- ❑ How might a straightforward harvesters compensation system be set up to ensure compensation claims could be dealt with quickly?
- ❑ How are the calculations done for the NEBA (net environmental benefit analysis) assessment table?
- ❑ More needs to be known about wildlife resources/ecosystems present in the deep offshore Beaufort Sea.
- ❑ Need assurances that appropriate research will continue to ensure potential impacts from a spill are understood as much as possible.
- ❑ Need assurances from Industry that they will have properly trained personnel dealing with any spill that might occur.

What have we accomplished?

Training Needs Workshop

Kavik-Stantec Inc. and SL Ross Environmental Research Limited, 2013.

BREA Study on Inuvialuit Community Spill Response Training in the Beaufort Region: Current Capacity, Projected Need, Realistic Roles and Gap Identification

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Training Needs Workshop



Report is a very good source of the knowledge we shared (www.BeaufortREA.ca)

- ❑ 46 people at the 2 ½ - day Oct., 2012 Inuvik workshop
- ❑ 14 recommendations, 10 of which could be implemented in the next 2 years
- ❑ Recommendations about...
 - training needs and funding to Inuvialuit advisory roles,
 - youth education, knowledge sharing, and
 - the establishment of a spill response entity such as a coop or Inuvialuit owned company or joint venture

Training Needs Workshop

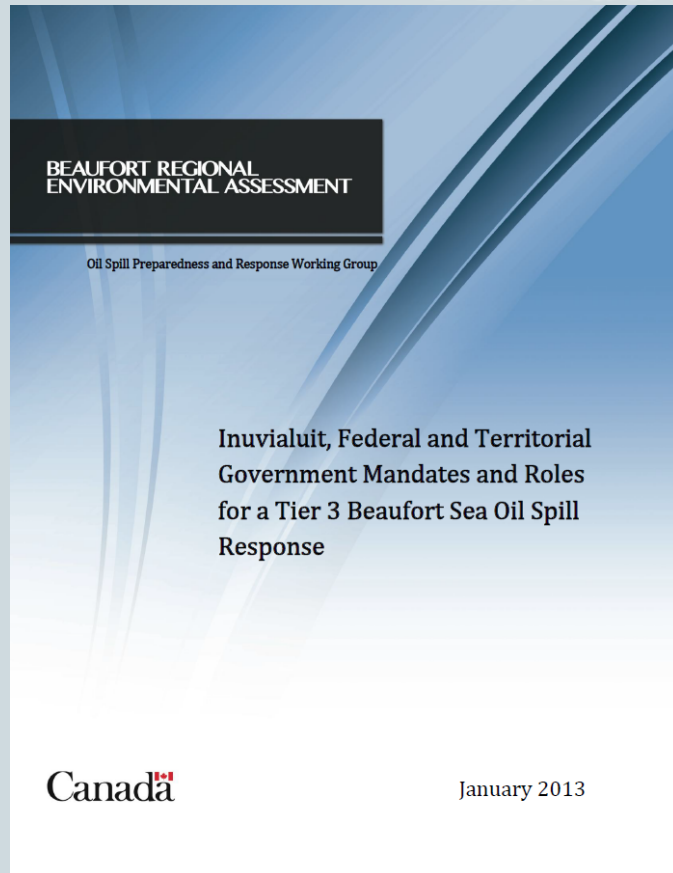
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Table 3.1 Training Course Modules for Specific Training Roles

Response Roles	Spill Behaviour 1	Spill Behaviour 2	Counter-measures Overview	Nearshore Protection	Shoreline Cleanup	Shoreline Assessment	Incident Command System
Command Advisors		✓	✓			✓	✓
Nearshore Protection Responders	✓		✓	✓			✓
Shoreline Cleanup Responders	✓		✓		✓	✓	✓
Shoreline Assessment Teams	✓		✓			✓	✓
Environment & Wildlife Monitors	✓		✓				✓
Overall Community Training	✓		✓				✓

What have we accomplished?

Mandate & Roles Survey



BREA Oil Spill Preparedness & Response Working Group, 2013.
Inuvialuit and Federal and Territorial Government Mandates and Roles for a Tier 3 Beaufort Sea Oil Spill Response

Mandate & Roles Survey

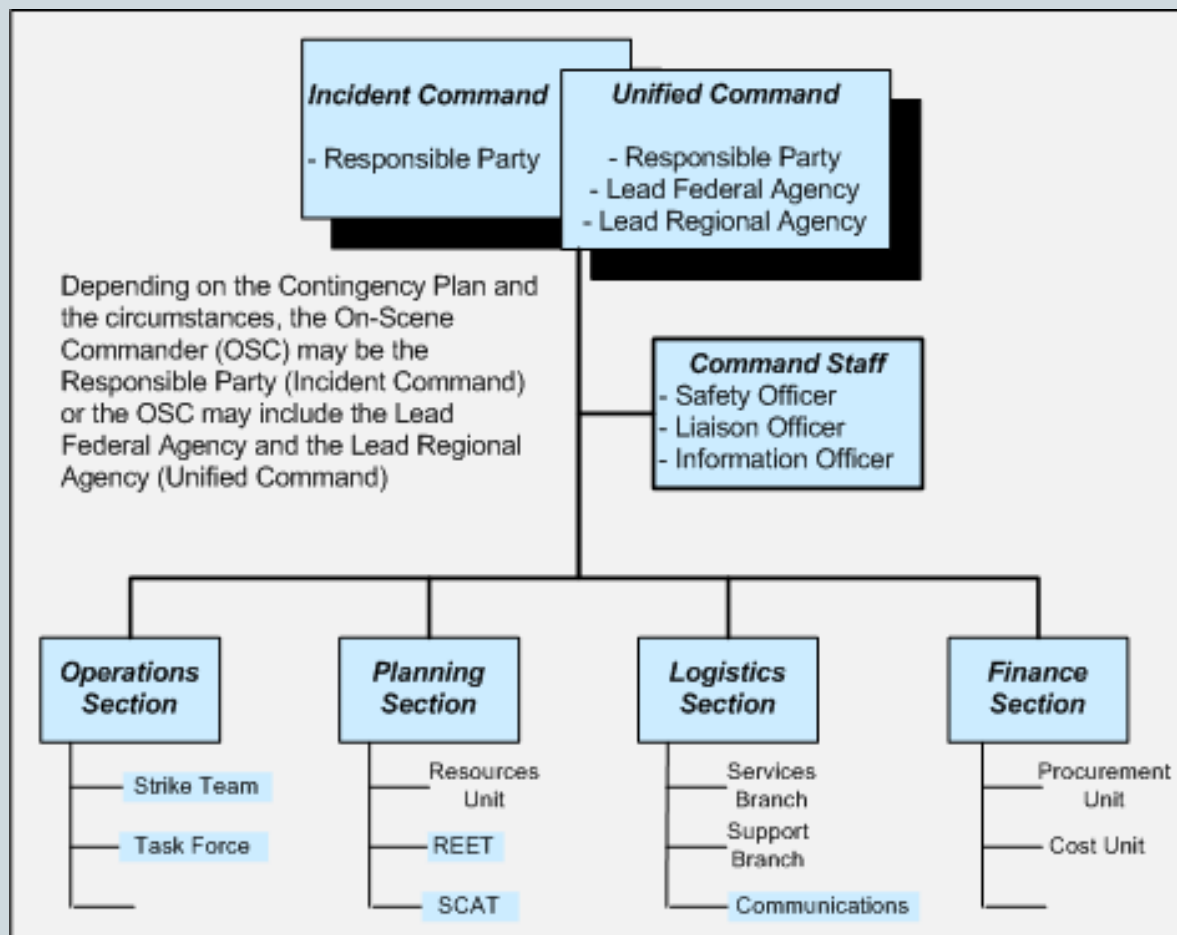


- ❑ In-kind work of the Oil Spill Preparedness & Response working group
- ❑ Survey of anticipated roles for a Tier 3 Beaufort Sea oil well spill
- ❑ 21 organizations, mostly government, responded out of 45 organizations approached:
 - Inuvialuit Hamlets, Community Corps., HTC's
 - IRC, IGC, ILA, GTC
 - Mackenzie Delta Spill Response Corp.
 - Federal & territorial departments & agencies

Mandate & Roles Survey

Where in ICS?

Respondents felt they could help in a number of Incident Command System (ICS) positions, outlined in blue



What should we do next?



- ❑ The working group has identified a few topics we could look at next:
 - management of spill response waste
 - in-situ burning information & dissemination
 - response best practices & guidelines
 - follow-up on Inuvialuit spill response training needs
 - follow-up on spill response mandates & roles
 - alternatives to chemical dispersants
- ❑ What topics or information would you like to find out more about?

Thank you



Many thanks from our active working group members:

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