



Spill Prevention and Response Forum

Update on 2019 Spill Forum Action Items

January 2021

Agenda

- Progress Update of 2019 Spill Forum's Action Items.
- 2020 Newfoundland and Labrador Offshore Operations and Environmental Incidents.
- Upcoming Work for 2021.

2019 Spill Forum

- December 2019
- 100 Attendees
- 21 Presentations
- Review of Spill Incidents of 2018/2019
 - C-NLOPB Investigations are Ongoing
- Discussion on Lessons Learned



2019 Spill Forum Action Items

1. Operators to review current operations and report back to the C-NLOPB with plan that achieves goal of better surveillance and monitoring of subsea assets for producing/future subsea facilities.
2. Operators to review Wildlife Emergency Response Plans and update their contingency plans to ensure consistency with government agencies guidelines asap.
3. Review initial data requirements for contingency response plans and formats as to share with indigenous groups and stakeholders.
4. CAPP/Operators to update Marine Hydrocarbon Spill Response Capability Report to incorporate lessons learned and current activity.

Action Items for 2019 Spill Forum

1. **Action Item:** Operators will review current operations and report back with a plan that will achieve the goal of better surveillance and monitoring of their subsea assets.

Update

- In 2020 each of the four producing operators updated their emergency response contingency plans in regards to the surveillance of their subsea infrastructure.
- For example, White Rose field has implemented changes to their management of Abnormal or Non-Routine Work procedures as a result of lessons learned from November 2018 spill.
- CAPP, on behalf of Operators, has established a working group in fall 2020 which is evaluating enhanced subsea leak detection, monitoring technology and industry best practices.

Action Items for 2019 Spill Forum

- 2. Action Item:** Operators will review and update their Wildlife Response Plans (WRP) and contingency plans so that they are in line with the Canadian Wildlife Service (CWS) and Department of Fisheries and Oceans (DFO) guidelines.

Update

Operators have reviewed CWS documents in the following areas:

- Guidelines for Effective Wildlife Response Plans
- Wildlife Response Plan Template
- Guidelines for Establishing and Operating Treatment Facilities
- Guidelines for the Capture, Transport, Cleaning and Rehabilitation of Oiled Wildlife
- Technical Guidance and Protocols for Migratory Bird Surveys for Emergency Response
- Best Practices for Stranded Birds
- ECCC-CWS Training Requirements for Offshore Seabird Observers
- Eastern Canada Seabirds at Sea (ECSAS) standardized protocol for pelagic surveys from moving and stationary platforms.

Operators contingency are being finalized with the C-NLOPB.

Action Items for 2019 Spill Forum

- 3. Action Item:** Operators will review their list of initial wildlife monitoring and surveillance requirements which are outlined in their contingency plans.

Update – Ongoing

A constant format is needed in which the initial data is collected and shared with industry, government agencies, indigenous groups and stakeholders.

Currently, a format is being discussed in which oil spill trajectory modelling can be projected onto current fishing assets/resources which is being complied by two independent sources.

This is targeted for Q2 2021.

Action Items for 2019 Spill Forum

- 4. Action Item:** Operators will update the 2009 Marine Hydrocarbon spill response capability assessment Jeanne d'Arc production report to incorporate some of the lessons learned.

Update

In November 2020, CAPP, with its contractor TRIOX Environmental Emergencies, presented a document titled *Spill Response Capabilities Assessment 2020* to the C-NLOPB for its review.

This is an update from the 2009 report and includes the current environment operating in the Newfoundland and Labrador offshore.

The document references the latest industry standard (IPIECA-IOGP Guidance Document “*Oil Spill Preparedness and Response: An Introduction, Guidance Document for the Oil and Gas Industry, 2019*”).

C-NLOPB staff are currently reviewing the document.

C-NLOPB Environment Activities from 2020

- Follow-up on Action items from 2019 Spill Forum
- COVID-19 situation
 - C-NLOPB environmental audits and inspections as part of the Board mandate for oversight and compliance
 - Discussion on approvals required for a Tier III level response in the event of major incident where national or international resources would be required
- In 2020, exploration drilling Operators were required to prepare, in consultation with Indigenous groups and commercial fishers, a Fisheries Communications Plan prior to drilling
- C-NLOPB has increased focus on petroleum activity in relation to fishing industry
- Extra surveillance/monitoring of offshore production operations due to government agencies i.e. satellite and radar imagery (ISTOP) and/or Transport Canada overflights of anomalies seen offshore
- 2020 Synergy Exercise in Fall

Newfoundland and Labrador Offshore Operations and Environmental Statistics for 2018, 2019 and 2020

	<u>2018</u>	<u>2019</u>	<u>2020*</u>
Annual Oil Production (MM bbls)	84.0	96.0	95.0
Annual Produced Water (MM bbls)	73.3	67.7	54.0
Yearly Number of Tanker Offloads	321	312	282
Drilling Activity (Number of Wells Drilled)	22	18	18
Volume of Hydrocarbon Spills Greater than 1 Litre(Litres)	278,434	14,268	322
Unauthorized Discharge Incident Data (Litres) (AFFF foam, hydraulics, biocide, drilling mud)	9,896	7,628	3,168

- Although operations and production have remained relatively constant for the past three years, the volume of spills greater than 1 litre and amount of unauthorized discharge has decreased

*As of November 2020

<https://www.cnlopb.ca/information/statistics/#environment>

<https://www.cnlopb.ca/resource/information/>

C-NLOPB

Upcoming C-NLOPB Work for 2021

- Environment Protection Plans – new Operators, follow-up on conditions from 2020
- Operator Contingency Plans Update
 - Guidance from expert departments on Wildlife observers and qualifications
- Consultation of CAPP's document on Net Environmental Benefit Analysis (NEBA) for the suitability of use of dispersants as part of the contingency plans (pre-authorization, application methods, volume limitations)
- 2021 Synergy Exercise – possible focus areas:
 - Communications with stakeholders and indigenous groups during an early stages of an oil spill incident
 - Regulatory specific incident approval for use of dispersants and/or in-situ burning application
- Feedback on this year's forum

Questions