



A Cooperative Approach to Dangerous Goods Emergency Management





ERAC

 **GREEN COAST ENERGY**

 **TRANSCAER**



CP

SUNCOR



KEYERA



North Atlantic

across appropriate offering
plans engagement
recent community
communication
Council
clients
wide tools
stakeholder
research
work
project
facilitating
Renewables
team
delivery
step
guide
include
communities
onshore
range
issues
address
best
assess
work
essential
stakeholders
relationships
detail
engagements
possible
sectors
complex
frameworks
bespoke
influences
methodologies
existing
evaluate
put effective
experience
first
long-standing
training
methodologies



 Transport Canada
Approved
Spectra Energy

KENMAC ENERGY

Superior Propane

PEMBINA

 **Husky Energy**

IRVING

CERCA

Canadian Fuels ASSOCIATION

Imperial Oil

Esso



MacGillivray Fuels
OIL - PROPANE

VALERO

 **CHEMISTRY INDUSTRY ASSOCIATION OF CANADA**



CAPP CANADIAN ASSOCIATION OF PETROLEUM PRODUCERS
Canada's Oil and Natural Gas Producers



SCOTIA PROPANE
Cape Breton's Own



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Who We Are

- Non-profit cooperative
- 16-member board of directors
- 340+ Plan Participants
- 26 response teams
- Network across Canada





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Four Pillars of Service



Dangerous
Goods
Emergency
Response
Plans



ERAC
Dangerous
Goods
Responder
Training



Dangerous
Goods First
Responder
Training



Dangerous
Goods
Response





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Situation

- Plan Participant advises of LPG truck roll over
- Truck is leaking
- Transfer is required
- Road is closed





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First Response

- First responders are first on scene
- Secure area, ensure immediate safety of those involved





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The Call Centre

- Maintains a 24/7 call centre for plan activation through STARS Emergency Link Centre





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Resources at Your Fingertips

➤ Records are taken during all incidents, and archived

Incident Notes:

[22-Feb-18 11:53:03]
[22-Feb-18 11:53:09]
[22-Feb-18 11:53:21]
[22-Feb-18 11:54:49]
[22-Feb-18 11:55:00]
[22-Feb-18 11:55:07]
[22-Feb-18 11:55:15]
[22-Feb-18 11:56:02]
[22-Feb-18 11:56:05]
[22-Feb-18 11:56:20]
[22-Feb-18 11:56:35]
[22-Feb-18 11:56:44]
[22-Feb-18 11:57:35]
[22-Feb-18 11:57:49]
[22-Feb-18 11:58:08]
[22-Feb-18 12:00:55]
[22-Feb-18 12:01:20]
[22-Feb-18 12:06:13]
[22-Feb-18 12:08:46]
[22-Feb-18 12:10:07]
[22-Feb-18 12:11:34]
[22-Feb-18 12:11:44]
[22-Feb-18 12:11:44]
[22-Feb-18 12:11:54]
[22-Feb-18 12:12:43]
[22-Feb-18 12:12:54]

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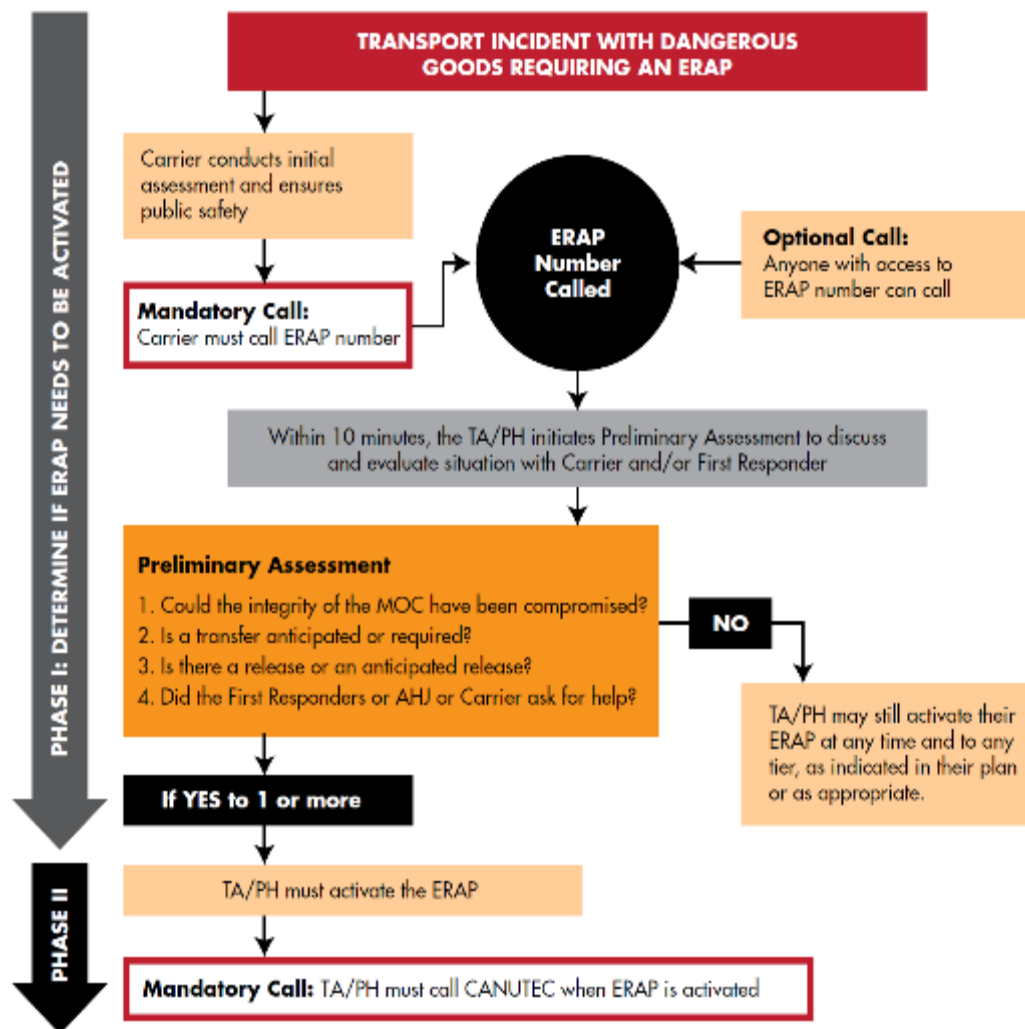
(enter) FIRST AND LAST NAME—Graham [REDACTED]
WHAT COMPANY DO YOU WORK FOR?—[REDACTED]
WHAT IS YOUR PHONE NUMBER? (repeat for verification)—[REDACTED]
***WHAT IS THE ERAP #? [REDACTED]
WHAT IS THE NAME OF PLAN PARTICIPANT(CONFIRM):—[REDACTED]
IS IT RAIL, ROAD OR A STATIONARY TANK?—Road
WHAT IS THE LOCATION OF THE EMERGENCY?—Armstrong ontario
WHAT IS THE NATURE OF THE EMERGENCY?—Truck roll over - No injuries - OPP on site
IS ANYTHING ON FIRE?—No
truck is on its side- its full and no visible leaking
500 yards north of a school
Patrick Knight HBC [REDACTED]
Address of ERAC:2018:0079 has been modified to @armstrong .
Address of ERAC:2018:0079 has been modified from @armstrong to @armstrong ont.
Address of ERAC:2018:0079 has been modified from @armstrong ont to @armstrong #truck rollover.
looking to activate RMA
Mark [REDACTED] - 4 hours 6 minutes away
Mark [REDACTED]
linking in mark with Patrick
[REDACTED]
WHO IS THE ON-CALL HBC?—Patrick knight
WHAT IS THE ON-CALL HBC PHONE #?—[REDACTED]
WHAT IS THE LOCATION OF THE EMERGENCY?—** Armstrong Thunder Bay Ontario
Mark and Patrick speaking
sending mark up as a superior propane employee to do an assessment
soft landing - no injuries



Notification or Activation?



Figure 1: Phase I - Initial ERAP Assessment*





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Activation Tiers



- Tier 1: Remote monitoring and ongoing assessment or technical advice
- Tier 2: Mobilize TA or RMA to site
- Tier 3: Mobilize response personnel and/or equipment to site





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Response Teams

- Not all response teams are equal
- ERAC has 26 LPG and FL teams across Canada
- Annual, mandatory training and assessment
- ERAC TAs take specialized programs to continually improve expertise





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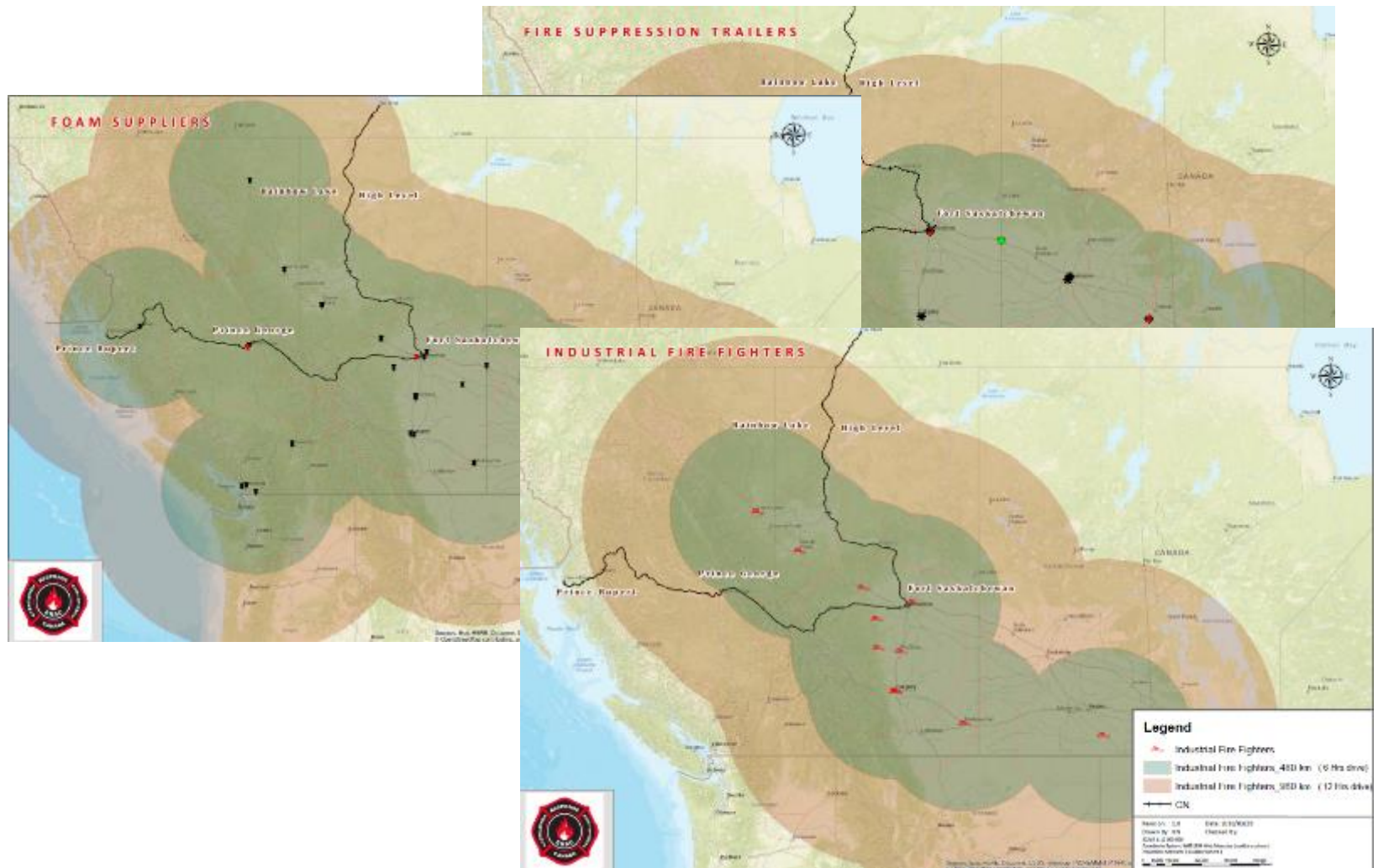
ArcGIS/Live Mapping





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ArcGIS/Live Mapping





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Post-Incident Debrief

- Final report with recommendations and lessons learned
- Follow-up with involved parties
- Apply learnings to future training





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Questions?

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