



Emergency Response Plan

Esther - Wainwright Area

includes

(Compeer / Esther Field Site Specific)

AER, CEPA & CER Regulated

(Sour Operations, NGL Bullet & Pipeline)

24- Hr Emergency

1-877-792-2990

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6.0 Area Information - Compeer / Esther Field

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Distribution List

Position	Name	Office	Cell	Binder
EOC Copy				Hard Copy Confidential
EOC Copy				Hard Copy Confidential
Rocky Mountain House	---	---	---	Hard Copy Confidential
Esther Field Office	---	403-552-2025	---	Hard Copy Confidential
Government Agencies and Support Services	Name	Office	Cell	Binder
H ₂ Safety Services Inc.	H ₂ Safety Library	403-212-2332	---	Hard Copy Confidential
Alberta Energy Regulator (AER)	Emergency Preparedness and Assessment Dept.	403-297-8311	---	Electronic copy via DDS Confidential
Canada Energy Regulator (CER Calgary, AB)	---	403-292-4800	---	Electronic copy via e-mail Confidential
RCMP – Consort Detachment	NCO in Charge		---	USB Non-Confidential
RCMP – Oyen Detachment			---	USB Non-Confidential
Special Area 3 (Youngstown Office)				Electronic copy via e-mail Non-Confidential
Special Area 4 (Consort Office)				Electronic copy via e-mail Non-Confidential
R.M. of Hearts Hill				USB Non-Confidential
Alberta Health Services – Central Zone	--	403-356-6335	---	USB Non-Confidential
Alberta Health Services – South Zone	--	403-502-8205	---	USB Non-Confidential

(HC) denotes Hardcopy

(CD) denotes electronic copy

(*) denotes confidential data included



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Revision Tracking Sheet

Rev.	Date	Page(s)	Revision
Rev 2	December 2008	Entire Site Specific	Annual ERP Update. Updated Altario and Compeer EPZ Calculations. EPZ reduction for Compeer PL 40924-1 from 900 to 110 m. ERCBH ₂ S model used for Altario production field. Well H ₂ S content is 400 ppm – 10 m EPZ. Largest pipeline EPZ using ERCBH ₂ S model is 160 m.
Rev 3	May 2010	Entire Site Specific	Annual ERP Update using calculations from ERCBH ₂ S 1.19 (updated).
Rev 4	May 2011	Entire Site Specific	Annual ERP Update. EPZs calculated using ERCBH ₂ S 1.19 (updated). Face-to-face consultation with residents and operators. Area ground-truthed.
Rev 5	April 2012	Entire Site Specific	Annual ERP Update. EPZs calculated using ERCBH ₂ S 1.19. Mail out consultation process with follow up via phone to verify emergency contact data. Personal contact with residents and operators unable to contact by phone. Area ground-truthed.
Rev 6	May 2013	Entire Site Specific	Annual ERP Update. EPZs calculated using ERCBH ₂ S 1.20. Personal contact with residents and operators to provide Public Information Package and verify emergency contact data. Area ground-truthed.
Rev 7	June 2014	Entire Site Specific	Annual ERP Update. EPZs calculated using ERCBH ₂ S 1.20. Personal (mail-out) contact with residents and operators to provide Public Information Package and verify emergency contact data. Area ground-truthed.
Rev 8	April 2015	Entire Site Specific	Annual ERP Update. Personal visitation with residents and area operators. Area ground-truthed.
Rev 9	March 2016	Entire Site Specific	2016 Annual Update



Rev.	Date	Page(s)	Revision
Rev 10	July 2017	Entire Site Specific	2017 Annual Update & Company name change
Rev 11	April 2018	Entire Site Specific	Site Specific Template Change
Rev 12	July 2018	Entire Site Specific	2018 Annual Update
Rev 13	December 2018	Distribution List	Updated distribution list to reflect addition of Castor Field
Rev 14	October 2019	Entire Site Specific	2019 Annual Update, in addition to: - Removal of Monitor West and Castor information
Rev 15	Nov 2020	Entire Site Specific	2020 Annual update
Rev 16	January 2022	Entire Site Specific	2021 Annual Update



6.1 Incident Management Team Facilities

Incident Management Team Facilities	
Obsidian Energy 24-Hr Emergency Line 1-877-792-2990	
Primary Incident Command Post	
An Incident Command Post will be established at the time of an incident, based on the incident location and response needs.	Location: Esther Field Office [REDACTED]
	Bus: [REDACTED]
	Fax:
Alternate Incident Command Post	
	Bus:
	Fax:
On-Site Command Post	
An On-Site Command Post will be established at the time of an incident, based on the incident location and response needs.	Location:
	Cell:
Staging Area	
A Staging Area will be established at the time of an incident, based on the incident location and response needs.	Location:
	Cell:
Primary Emergency Operations Centre (EOC)	
Obsidian Energy Ltd. 200, 207 – 9 Avenue SW Calgary, AB T2P 1K3	Bus: 403-777-2500
	Fax: 403-777-2699
Alternate Emergency Operations Centre (EOC)	
	Bus:
	Fax:



6.2 Government Contact Numbers

6.2.1 Primary Government Contact Numbers

Government Contacts	Agency Location	Contact Numbers
Immediate contact to the following agency is required if: - Alert and members of the public or media have been contacted - Level 1, 2 or 3 Emergency is declared		
Canada Energy Regulator (CER)		
Pipeline Emergencies (Transportation Safety Board)	Canada-Wide	24-Hr Hotline: 819-997-7887
Alberta Energy Regulator (AER)		
Energy / Environmental Emergency & Operational Compliant Response Line	Province-Wide	24-Hr: 1-800-222-6514
Medicine Hat Field Centre	Medicine Hat, AB	Bus: 403-527-3385
Bonnyville Field Centre	Bonnyville, AB	Bus: 780-826-5352
Saskatchewan Regulatory Agency		
Saskatchewan Ministry of Energy and Resources	Province-Wide	Emergency Incident Reporting 24-Hr: 1-844-764-3637
Immediate contact to the following agency is required if: - Level 1 Emergency and members of the public or media have been contacted - Level 2 or 3 Emergency is declared		
Alberta		
Special Areas 3	Oyen, AB	24-Hr: 403-854-0625 Bus: 403-664-3618
Special Areas 4	Consort, AB	24-Hr: 403-854-0625 Bus: 403-577-3523
Saskatchewan		
RM of Antelope Park No. 322	Marengo, SK	Bus: 306-968-2922
Health Services – Alberta		
Central Zone	Red Deer, AB	24 Hr EPH: [REDACTED]
South Zone	Lethbridge, AB	24 Hr EPH: [REDACTED]
Health Services – Saskatchewan		
Saskatchewan Health Authority	Regina, SK	24 Hr: 306-519-8570



Immediate contact to the following agency is required if:		
Level 1 Emergency and members of the public or media have been contacted		
Level 2 or 3 Emergency is declared		
RCMP Detachment – Alberta		
Consort Detachment	Consort, AB	911 or 403-577-3000 Bus: 403-577-3001
Oyen Detachment	Oyen, AB	911 or 403-664-3883 Bus: 403-664-3505
RCMP Detachment – Saskatchewan		
Kindersley RCMP	Kindersley, SK	911 or 306-463-4642
Immediate contact to the following agencies is required if a Canadian Environmental Protection Act (CEPA) Environment Emergency (E2) regulated substance release occurs		
Alberta Environment and Parks (AEP)		
Energy & Environmental Response Line	Province-Wide	24-Hr: 1-800-222-6514
Emergency Response Assistance Canada (ERAC)		
Emergency Response Assistance Canada (ERAP) Reference number: [REDACTED]	Canada-Wide	24-Hr ERAC: [REDACTED]



6.2.2 Alberta Emergency Services Contact Numbers

Agency Name	Agency Location	Contact Numbers
RCMP – Alberta		
Consort Detachment	Consort, AB	911 or 403-577-3000 Bus: 403-577-3001
Oyen Detachment	Oyen, AB	911 or 403-664-3883 Bus: 403-664-3505
RCMP - Saskatchewan		
Kindersley Detachment	Kindersley, SK	911 or 306-463-4642
Fire		
Consort Fire Department	Consort, AB	911
Youngstown / Special Area Fire Department	Youngstown, AB	911 Bus: 403-779-3733
Ambulance		
Ground Ambulance	Province-Wide	911
STARS Air Ambulance Emergency Link Center	Province-Wide	1-888-888-4567
Hospital		
Consort Hospital & Care Centre	Consort, AB	403-577-3555
Provost Health Centre	Provost, AB	780-753-2291
Big Country Hospital	Oyen, AB	403-664-4300
Poison		
Poison & Drug Information Service (PADIS) Alberta & NWT	Province-Wide	1-800-332-1414
Reception Centre Assistance		
Red Cross Emergency Assistance	Canada-Wide	1-888-800-6493

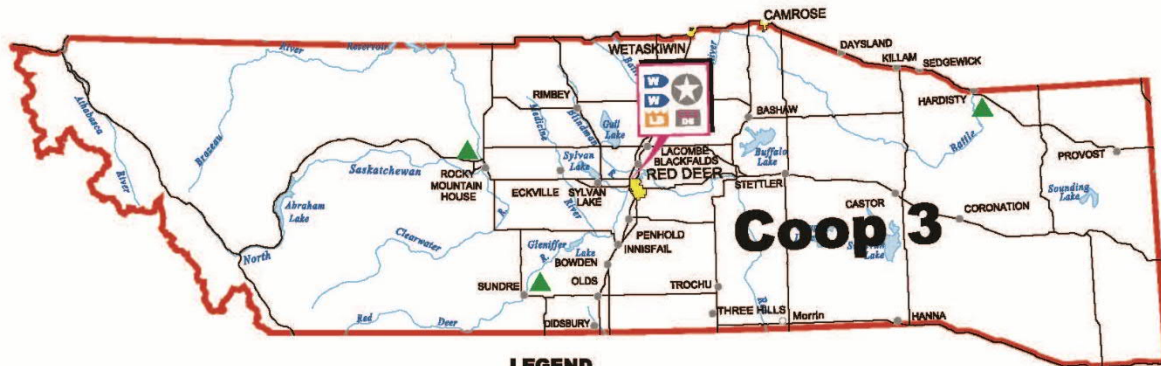


6.2.3 Alberta Spill Services Contact Numbers

Western Canadian Spill Services	
Zone 3	
24-Hr Emergency Number	1-866-541-8888
Regional Custodian:	██████████ GWG Investments Inc. 24 Hr: 403-346-7668 Cell: ██████████
Equipment Summary 52' OSCAR Trailer (semi-truck) - Work Boats (2) (1/2-ton truck w/ 2" ball hitch) 40' Lake Boom Sea-Can (winch tractor/trailer) - Hydraulic Drum Skimmer w/ Power Pak & Pump (1/2-ton truck)	Equipment Location Garnet's Oilfield Trucking Inc. 4025 Charles Street Red Deer County, AB T4S 2B3
Coop Custodian:	██████████, Bromby Welding (Hardisty) Cell: ██████████ Bus: 780-888-0005
Equipment Summary 20' ISRU Sea Can (Winch Tractor/Trailer)	Equipment Location Bromby Welding Hwy #13 and RGE RD 100A turn south travel 600 meters on RGE RD 100A turn right into the yard, cell number is 780-888-0005
Coop Custodian:	██████████ Challand Excavating Ltd. 24 Hr: 403-845-2469 Cell: ██████████
Equipment Summary 20' ISRU Sea Can (Winch Tractor/Trailer)	Equipment Location 71031 Twp Rd 39-2 Rocky Mountain House, AB T4T 1B4
Coop Custodian:	██████████ Contracting & Consulting Inc. 24 Hr: 403-638-4261 ██████████ Alternate Contact: ██████████
Equipment Summary 20' ISRU Trailer (1-ton truck w/ 2-5/16" ball hitch)	Equipment Location: NE 21-34-05 W5M – Hwy 587, 16 km north of Sundre on Range Road 53. Blue sign in front 53003 - Hwy 587

Western Canadian Spill Services

Zone 2 – Area U



LEGEND

- **CO-OP BOUNDARY**
- 1** **CO-OP LABEL**
-  **AIRBOAT**
-  **TWIN ENGINE BARGE**
-  **SINGLE ENGINE BARGE**
-  **WORKBOAT**
-  **TOW VESSEL**
-  **WC+SS O.S.C.A.R.**
-  **WC+SS WINTER O.S.C.A.R.**
-  **CO-OP EQUIPMENT**
-  **BOOM CACHE SEA CAN**
-  **BOOM CACHE TRAILER**
-  **HEAVY OIL SEA CAN**
-  **WILDLIFE EQUIPMENT**
-  **INFLATABLE LAKE BOOM REEL**
-  **LAKE BOOM SEA CAN**
-  **SHALLOW WATER BOOM**
-  **BOOM DEFLECTOR**
-  **BOOM VANE**
-  **BOW SKIMMER**
-  **CIRCUS SKIMMER**
-  **DECONTAMINATION UNIT**
-  **DRUM SKIMMER**
-  **HEAVY OIL SKIMMER**
-  **INCINERATOR**

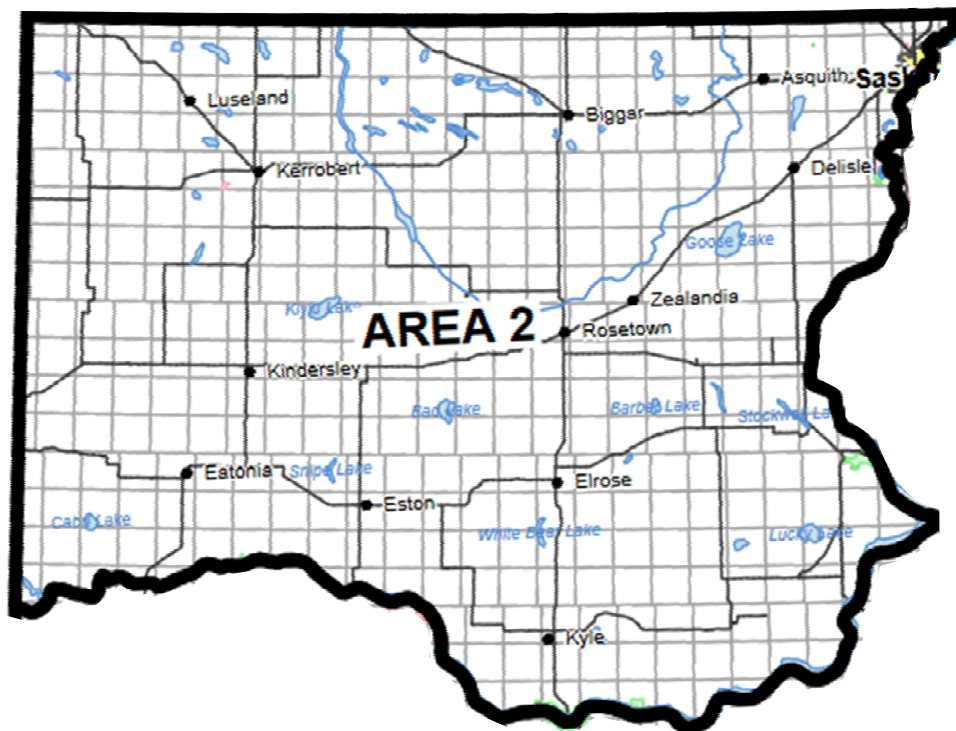
The above WCSS contact information was confirmed with the WCSS Website on January 14, 2022.



Saskatchewan Oil Contingency Group	
Area 2 Environmental Response	
24-Hr Emergency Number	1-306-460-5102
Administrator	██████████ Bus: 306-460-8340 Email: area2environmental@sasktel.net
Equipment Summary • Trailer (Trailer requires a 2 5/16" ball for transport, not provided in trailer) • A complete inventory list is available on the Area 2 Spill Coop website (https://areatwospill.com/)	Equipment Location Tervita TRD Facility ██████████ 11 km North of Kindersley, SK on Highway 21

Saskatchewan Oil Contingency Group

Area 2 Environmental Response



The above contact information was confirmed with the Area 2 Oil Spill Contingency Group website on January 14, 2022.



6.3 Government Agency Contacts and Responsibilities

Alberta Energy Regulator (AER)	
Medicine Hat Field Centre	
24-Hour Emergency Number	1-800-222-6514
Main Office Telephone	403-527-3385
Main Office Fax	403-529-3103
Location Address	302, 346 - 3 Street SE Medicine Hat, AB T1A 0G7
Roles & Responsibilities Adjudication and Regulation – The AER adjudicates and regulates matters related to energy within Alberta to ensure the development, transportation and monitoring of the public interest through its activities in the application and hearing process, regulation, monitoring, and surveillance and enforcement. Information, Knowledge and Advice – The information and knowledge responsibility of the AER includes the collection, storage, analysis, appraisal, dissemination and stakeholder awareness of information. Open access to information develops awareness, understanding and responsible behaviour and allows the AER and stakeholders to make informed decisions about energy matters. This responsibility will result in the AER discharging its advisory role with respect to matters under the jurisdiction of the AER.	
The information above was confirmed / revised on January 14, 2022 via [REDACTED].	



Alberta Energy Regulator (AER)	
Bonnyville Field Centre	
24-Hour Emergency Number	1-800-222-6514
Main Office Telephone	780-826-5352
Main Office Fax	780-826-2366
Location Address	4903 - 51A Street Bonnyville, AB T9N 2G4
Roles & Responsibilities	
Adjudication and Regulation – The AER adjudicates and regulates matters related to energy within Alberta to ensure the development, transportation and monitoring of the public interest through its activities in the application and hearing process, regulation, monitoring, and surveillance and enforcement. Information, Knowledge and Advice – The information and knowledge responsibility of the AER includes the collection, storage, analysis, appraisal, dissemination and stakeholder awareness of information. Open access to information develops awareness, understanding and responsible behaviour and allows the AER and stakeholders to make informed decisions about energy matters. This responsibility will result in the AER discharging its advisory role with respect to matters under the jurisdiction of the AER.	
The information above was confirmed / revised on January 14, 2022 via [REDACTED]	



Canada Energy Regulator (CER)	
24-Hour Emergency Number	1-819-997-7887 Transportation Safety Board (TSB)
Primary Emergency Contact	403-299-2773 (CER Incident Line)
Immediate CER On-Line Reporting	https://apps.cer-rec.gc.ca/ERS/Home/Index/
Main Office Telephone	403-292-4800
Main Office Fax	403-292-5503
Main Website	https://www.cer-rec.gc.ca/
Location Address	Suite 210, 517 – 10 Avenue SW Calgary, AB T2R 0A8
Roles & Responsibilities The reporting process is initiated by the regulated company, as required by the various acts or regulations that govern the facilities or operations of the company. Depending on the nature of the incident or emergency and the applicable legislation, regulated companies have different contact routes for reporting. The TSB and the CER have agreed to a single window approach whereby all pipeline related incidents or emergency notifications and reports are directed to the TSB. The TSB forwards all CER-regulated incidents or emergency notifications or reports to the CER as soon as practicable. The CER also has an agreement in place with several agencies that have regulatory responsibilities in the Northwest Territories (NWT) and Nunavut regarding a 24-hour Spill Reporting procedure. A company that reports a spill from a COGO Act facility or operation in the NWT or Nunavut must call the 24-hour Spill Report Line. CER is the lead regulatory agency in emergency situations that occur on CER-regulated facilities or operations. The Transportation Safety Board of Canada (TSB) will conduct investigations into accidents/incidents to advance transportation safety and will be the sole agency to determine cause and contributing factors leading to an accident/incident for those investigations. When the TSB leads an investigation, the CER will conduct a concurrent and co-operative investigation with the TSB and will determine factors relating to regulatory compliance, trends within industry, and actions necessary to prevent similar occurrences. Where the TSB does not investigate, the CER becomes the lead investigator to determine cause and contributing factors, ensure compliance to regulations and to determine whether existing regulations, codes or enforcement and monitoring programs should be changed. The CER also determines whether additional remedial measures should be implemented by the company involved in the incident, or by all CER-regulated companies, to prevent a similar incident. In general, the CER will respond to incidents that: *Result in death or serious injury; *Involve a significant release of hydrocarbons; *Could result in potential or real impact due to loss of service; *Pose imminent threats identified by Public Safety Canada (PSC) or other agencies; *Attract significant media attention, or *On the advice of Natural Resources Canada (NRCAN) or other federal Agencies. In the event of a Level II or III Emergency, the CER will immediately notify NRCAN through the Department Emergency Response Centre. In the event of a Level II or III Emergency North of the 60th parallel, the CER will immediately notify Indian and Northern Affairs Canada (INAC).	
The information above was confirmed / revised on January 14, 2022 via [REDACTED]	



RCMP	
Consort Detachment	
24-Hour Number	911 or 403-577-3000
Primary Emergency Contact	Bus: 403-577-3001 Email:
Main Office Telephone	403-577-3001
Main Office Fax	403-577-3640
Location Address	Box 458 4612 – 50 Avenue Consort, AB T0C 1B0
Roles & Responsibilities The Consort RCMP detachment is a policing agency responsible for the area in which EPZs have been assigned and this Emergency Response Plan (ERP) has been developed. In the event of an emergency, the Obsidian Energy response personnel will notify the appropriate RCMP Detachment(s) and report the details of the incident. If required, Obsidian Energy will request the services of the RCMP to assist with accident investigations, roadblocks on public roads or major highways, evacuation assistance, if needed at certain locations, or other related services as required. The RCMP will provide services on a priority basis, measuring Obsidian Energy's request against other activities in their queue at the time of the request.	
The information above was confirmed / revised on February 1, 2022 by	



RCMP	
Oyen Detachment	
24-Hour Number	911 or 403-664-3883
Primary Emergency Contact	Bus: 403-664-3505 Email:
Secondary Emergency Contact	Bus: 403-664-3505 Email:
Main Office Telephone	403-664-3505
Main Office Fax	403-664-2075
Location Address	Box 539 317 – 1 Avenue East Oyen, AB T0J 2J0
Roles & Responsibilities The Oyen RCMP detachment is a policing agency responsible for the area in which EPZs have been assigned and this Emergency Response Plan (ERP) has been developed. In the event of an emergency, the Obsidian Energy response personnel will notify the appropriate RCMP Detachment(s) and report the details of the incident. If required, Obsidian Energy will request the services of the RCMP to assist with accident investigations, roadblocks on public roads or major highways, evacuation assistance, if needed at certain locations, or other related services as required. The RCMP will provide services on a priority basis, measuring Obsidian Energy's request against other activities in their queue at the time of the request. The information above was confirmed / revised on January 17, 2022 by	

Wainwright Area Emergency Response Plan



RCMP	
Kindersley Detachment	
24-Hour Number	911
Primary Emergency Contact	NCO i/c Bus: 306-463-4642
Main Office Telephone	306-463-4642
Main Office Fax	306-463-2311
Address	Box 1538 300 – 8 Avenue West Kindersley, SK S0L 1S0
Roles & Responsibilities	
The RCMP is the policing agency in the area covered by this Emergency Response Plan (ERP). In the event of an emergency, Obsidian Energy response personnel will notify the local RCMP Detachment and report the details of the incident. If required, Obsidian Energy will request the services of the RCMP to assist with accident investigations, roadblocks on major highways, evacuation assistance if needed at certain locations, or other related services as required. The RCMP will provide services on a priority basis, measuring the company's request against other activities in their queue at the time of the request. The information above was confirmed / revised on February 1, 2022 by [REDACTED]	



Local Authority	
Special Areas 3	
24-Hour Emergency Number	403-854-0625
Primary Emergency Contact	██████████ Fire Chief & Director of Emergency Operations Bus: 403-854-5603 ██████████
Secondary Emergency Contact	██████████ Deputy Director of Emergency Management & Fire Chief, Special Areas Bus: 403-779-3733 Cell: ██████████ Email: ██
Third Emergency Contact	██████████ Deputy Fire Chief Bus: 403-779-3733 ██████████
Main Office Telephone	403-664-3618
Main Office Fax	403-664-3320
Location Address	Box 30 319 Main Street Oyen, AB T0J 2J0
Roles & Responsibilities Special Area 3 is the lead agency responsible for public safety. Obsidian Energy has consulted with Special Area 3 regarding this project. In the event of an emergency, Obsidian Energy will notify Special Area 3 and will collaborate with and maintain communications with them to ensure public safety. Special Area 3 will provide personnel, equipment and communications to assist Obsidian Energy with roadblock crews and evacuation center representatives on an "as available basis". Fire departments will be dispatched via 911 from area locations as appropriate. Fire departments will not be called to fight fires at a well site or other oil and gas facilities. Such fires will be handled by oilfield firefighting specialists. Local fire departments may be called to fight grass fires or assist with cordoning off the area. Ambulances will be dispatched via 911 services.	
The information above was confirmed / revised on January 28, 2022 by ██████████ Deputy Director of Emergency Operations.	



Local Authority	
Special Areas 4	
24-Hour Emergency Number	403-854-0625
Primary Emergency Contact	[REDACTED] Deputy Director of Emergency Management & Fire Chief Bus: 403-779-3733 Cell: [REDACTED] Email: [REDACTED]
Secondary Emergency Contact	[REDACTED] Fire Chief & Director of Emergency Operations Bus: 403-854-5603 Cell: [REDACTED]
Third Emergency Contact	[REDACTED], Deputy Fire Chief Bus: 403-779-3733 Cell: [REDACTED]
Main Office Telephone	403-577-3523
Main Office Fax	403-577-2446
Location Address	Box 220 4916 - 50 Street Consort, AB T0C 1B0
Roles & Responsibilities Special Area 4 is a lead agency responsible for public safety. Obsidian Energy has consulted with Special Area 4 regarding this project. In the event of an emergency, Obsidian Energy will notify Special Area 4 and will collaborate and maintain communications with Special Area 4 to ensure public safety both inside and outside the response zones and Emergency Planning Zones (EPZs) (e.g. with resident notification, sheltering, evacuation); if further public protection measures are required, the notification mechanism outlined in the Municipal Emergency Management Plan (MEMP) response framework may be used by Special Area 4. Once the MEMP has been activated, Special Area 4 will continue carrying out its roles and responsibilities. On an “as available basis”, Special Area 4 will provide personnel, equipment and communications to assist Obsidian Energy with: *Roadblock crews; *Location, activation, and staffing of a reception centre; *Incident control and monitoring, including providing: *Communications systems and planning. *Will secure area safely away from site and keep people out of hot zone.	
The information above was confirmed / revised on January 28, 2022. [REDACTED], Deputy Director of Emergency Operations	



Local Authority	
RM of Antelope Park	
24-Hour Emergency Number	306-837-7542
Primary Emergency Contact	██████████ Reeve Cell: ██████████ Email: ████████████████████
Secondary Emergency Contact	██████████ Emergency Officer Cell: ██████████
Main Office Telephone	306-968-2922
Main Office Fax	306-912-8922
Location Address	20 – 1 Avenue N Marengo, SK S0L 2K0
Roles & Responsibilities The RM is the lead agency responsible for public safety. Obsidian Energy will consult with the RM regarding this project. In the event of an emergency, Obsidian Energy will notify the RM and will collaborate with and maintain communications with them to ensure public safety. The RM will provide personnel, equipment and communications to assist the company with roadblock crews and evacuation center representatives on an “as available basis”. Fire departments will be dispatched via 911 through the RM from area locations as appropriate. Fire departments will not be called to fight fires at a well site or other oil and gas facilities. Such fires will be handled by oilfield firefighting specialists (see telephone contact list). Local fire departments may be called to fight grass fires or assist with cordoning off the area. Ambulances will be dispatched via 911.	
The information above was confirmed / revised on October 21, 2020 by ████████████████████	



Local Authority	
RM of Hearts Hill	
24-Hour Emergency Number	306-834-7218
Primary Emergency Contact	██████████ Reeve Cell: ██████████ Email: ██████████
Main Office Telephone	306-372-4224
Main Office Fax	
Location Address	405 Grand Avenue Luseland, SK S0L 2A0
Roles & Responsibilities The RM is the lead agency responsible for public safety. Obsidian Energy will consult with the RM regarding this project. In the event of an emergency, Obsidian Energy will notify the RM and will collaborate with and maintain communications with them to ensure public safety. The RM will provide personnel, equipment and communications to assist the company with roadblock crews and evacuation center representatives on an “as available basis”. Fire departments will be dispatched via 911 through the RM from area locations as appropriate. Fire departments will not be called to fight fires at a well site or other oil and gas facilities. Such fires will be handled by oilfield firefighting specialists (see telephone contact list). Local fire departments may be called to fight grass fires or assist with cordoning off the area. Ambulances will be dispatched via 911.	
The information above was confirmed / revised on January 31, 2022 by ██████████	



Alberta Health Services	
Central Zone	
24-Hour Emergency Number	EPH 24 Hour Emergency Number: 1-844-755-1788
Main Office Telephone	403-356-6335
Main Office Fax	
Location Address	300 Jordan Parkway Red Deer, AB T4P 0G8
Telephone Protocol: Call the EPH 24 Hour Emergency Number 844-755-1788 first and if there is no immediate answer leave a message. If contact cannot be made within 20 minutes call the 24-Hour Manager On Call 855-420-6042.	
Roles & Responsibilities <i>See following pages for Roles and Responsibilities</i>	
The information above was confirmed / revised on June 29, 2020 by [REDACTED]	



Alberta Health Services	
South Zone	
24-Hour Emergency Number	EPH 24 Hour Emergency Number: 1-844-755-1788
Main Office Telephone	403-502-8205
Main Office Fax	
Location Address	801 – 1 Avenue South Lethbridge, AB T1J 4L5
Telephone Protocol: Call the EPH 24 Hour Emergency Number 844-755-1788 first and if there is no immediate answer leave a message. If contact cannot be made within 20 minutes call the 24-Hour Manager On Call 844-388-6691.	
Roles & Responsibilities <i>See following pages for Roles and Responsibilities</i>	
The information above was confirmed / revised on January 28, 2022 by [REDACTED]	



Oil and Gas Industry Emergency Preparedness and Response

Alberta Health Services (AHS) - Environmental Public Health (EPH) roles and responsibilities in public health emergency preparedness and response to the oil and gas industry are outlined below. The provision of services during an emergency depends upon our assessment of legislative responsibilities, impact to services, and business continuity.

EPH will endeavor to:

- Participate with the Licensee in the development of their Emergency Response Plans as it relates to the Environmental Public Health Program's role and responsibility.
- Provide the AHS Zone Single-Point-of-Contact (SPOC) emergency phone number to enable the Licensee to notify and alert the Zone of an emergency. From the initial notification or alert, AHS emergency response will fan out to and coordinate with other AHS programs and facilities as necessary. The 911 EMS services remain independent of the Zone SPOC notification/alert process.
- Participate with stakeholders in preparedness training and exercises associated with a Licensee's simulated activation of an Emergency Response Plan in which EPH has a role and responsibility.
- Participate in public information sessions during the Licensee's Emergency Response Plan development process when appropriate and as resources allow.
- Provide guidance to stakeholders and local municipal authorities in identifying sites suitable for establishing and operating an evacuation centre and/or reception centre, including operational requirements.
- Provide guidance to stakeholders on substances that may affect public health in consultation with the Zone Medical Officer of Health (MOH), including Alberta Health Acute Exposure Health Effects for Hydrogen Sulphide and Sulphur Dioxide information.
- Conduct assessments, inspections and give regulatory direction, when appropriate, to ensure the requirements of provincial legislation and EPH program areas of responsibilities for public health protection and disease prevention are maintained.
- Notify the Zone Medical Officer of Health of any incident affecting or potentially affecting other AHS programs or facilities. The Zone MOH will notify and coordinate emergency response in other program areas and facilities as necessary.



- Establish EPH emergency management operations, when appropriate, to support regional response efforts and liaise with the Government Emergency Operations Centre, Municipal Emergency Operations Centre and/or Industry Emergency Operations Centre, if needed.
- Assist the Zone Medical Officer of Health, local municipal authority, and Public Information/Communication officers in the development, issuance, and rescinding of public health, public evacuation and shelter-in-place advisories.
- Provide guidance to stakeholders on matters relating to evacuation of the public and/or public facilities, and the re-occupancy of those evacuated areas or facilities.
- Record and respond to health complaints or concerns from the public during and following an incident.
- Participate in stakeholder debriefings as necessary.

24 Hour Emergency Notification

Phone: 1-844-755-1788

Email: edp@ahs.ca

Use the phone number and email for all notifications across Alberta.

For more information, please contact your nearest Environmental Public Health office.

Edmonton Main Office	780-735-1800	Edmontonzone.environmentalhealth@ahs.ca
Calgary Main Office	403-943-2295	Calgaryzone.environmentalhealth@ahs.ca
Lethbridge Main Office	403-388-6689	Southzone.environmentalhealth@ahs.ca
Grande Prairie Main Office	780-513-7517	Northzone.environmentalhealth@ahs.ca
Red Deer Main Office	403-356-6366	Centralzone.environmentalhealth@ahs.ca

www.ahs.ca/eph

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Alberta Emergency Management Agency (AEMA)	
South Central Region	
Alberta Emergency Management Agency Response Readiness Centre (ARRC)	1-866-618-AEMA (2362)
Primary Emergency Contact	1-866-618-2362
Main Office Contact	[REDACTED]
Location Address	Suite 280, Deerfoot Atria South Tower 6715 – 8 Street NE Calgary, AB T2E 7H7
Roles and Responsibilities At all times, local authorities in Alberta's municipalities are responsible for managing the first response to an emergency event. The Alberta emergency management system mitigates, prepares for, responds to and helps the recovery from all emergencies. The system consists of an overall framework of individuals, communities, industry, government and mutual aid partners. This system is designed to protect life, property and the environment by providing a seamless, synchronized and resilient response to emergencies. The response must be timely, proactive, efficient and sustainable. When an emergency event exceeds the capabilities of a municipal response or there is a significant threat to life and property, the Alberta Emergency Management Agency coordinates the Government of Alberta's support to the municipality by linking them with resources to help manage the event. The Alberta Emergency Management Agency (AEMA) leads the coordination, collaboration and co-operation of all organizations involved in the prevention, preparedness and response to disasters and emergencies. This ensures the delivery of vital services during a crisis. These organizations include government, industry, municipalities and first responders. The Alberta Emergency Management Agency also supports municipalities through field staff in regions throughout the province. Seven (7) Regional Field Officers and three (3) First Nations Field Officers support communities across Alberta by: • Assisting local authorities in planning and practice for emergencies; • Providing advice and support during an emergency response; • Acting as a communications and liaison conduit between communities and the Provincial Operations Centre • Helping communities apply for disaster recovery programs for their residents. The POC serves as a communication and response coordination centre that is staffed 24 hours a day, 7 days a week. The POC is a central point for the collection, evaluation and dissemination of information concerning a single incident or multiple incidents in the province of Alberta. The POC is responsible for coordinating the initial response and maintaining support for a response to a natural or human-induced disaster. The Alberta Emergency Management Agency also provides Alberta's municipalities with the Alberta Emergency Alert, a tool that municipal officials can use to quickly warn their residents about emergency events.	
The information above was confirmed / revised on January 14, 2022 via [REDACTED]	



Alberta Environment and Parks (AEP)	
Red Deer – Red Deer - North Saskatchewan Region	
24-Hr Emergency Number	1-800-222-6514
Roles & Responsibilities AEP enforces the Environmental Protection and Enhancement Act and the Water Act to support and promote the protection, enhancement, and wise use of the environment. AEP ensures the Responsible Party is held accountable and meets their legislative responsibilities and: ▪ Provides the oversight role in ensuring air monitoring needs and activities associated with public safety around the incident site are adequately addressed by the Responsible Party. ▪ Ensures that containment and monitoring of discharges or potential discharges of hydrocarbons or other hazardous materials into a watercourse is undertaken by the Responsible Party. ▪ Participates in the incident evaluation and assessment of the potential area at risk from product releases. ▪ Ensures that the Responsible Party conducts all necessary shoreline clean up where on-water spills touch the shore, as well as the necessary cleanup everywhere else within the water body. ▪ Works with the Responsible Party to ensure that initial clean-up and remediation are completed following a spill. ▪ Works with other Government Agencies and Boards to ensure that proper site command and jurisdiction issues are addressed. For CEPA Substance releases in Alberta, AEP provides notification to Environment Canada. AEP's 24-Hr Industry Reporting Line is 780-422-4505 Written Reports can be faxed to 780-427-3178 or mailed to: Coordination Information Centre (CIC) 111 Twin Atria Building 4999 – 98 Avenue Edmonton, AB T6B 2X3 The information above was confirmed / revised on January 14, 2022 [REDACTED].	



Alberta Transportation	
Central Region – Hanna District	
24-Hour Emergency Number	██████████ 403-854-5550
Main Office Telephone	403-854-5550
Main Office Fax	403-854-3086
Location Address	Box 1300 401 Centre Street, 2 Floor Provincial Building Hanna, AB T0J 1P0
Roles and Responsibilities Alberta Transportation provides authorization and assistance for road closures on major provincial roads and assists in securing roadblock equipment. Alternate Contact: Loanne Gladdish, Receptionist (403-854-5550) email: loanne.gladdish@gov.ab.ca Secondary Contact: Barry Mims, EMCON Services Inc. Bus: 403-742-1505 Cell: 403-916-4940 24-Hr: 1-800-390-2242	
The information above was confirmed / revised on January 17, 2022 via ██████████	



6.4 Public Safety

During a response effort, emergency responders will contact all surface developments within the EPZ with instructions for the appropriate public protection measures. Contact with members of the public within the EPZ should be maintained throughout and following an emergency. If responders cannot contact the surface development by phone, personnel will be dispatched to the surface development to verify that all occupants have received the necessary instructions.

Publicly used facilities, such as hospitals or schools, or places where large numbers of people could be present may receive early notification to allow for additional time for evacuation. Additional transportation assistance will be provided, as required.

If required, a Reception Centre will be established and manned by company representatives who will be responsible for receiving and registering evacuees. A Reception Centre location will be determined at the time of the incident, depending on the location of the emergency.

For Potential Reception Centre locations, refer to individual field site specific information.

Manned roadblock locations will be determined at the time of an incident to cordon off appropriate sections of the Emergency Planning Zone (EPZ). Obsidian Energy personnel will contact a local safety company to provide additional equipment, as needed.

Mobile air monitoring will be established in the affected area and beyond, based on the nearest un-evacuated area and prevailing wind direction at the time of the incident. For a list of safety companies and air monitoring providers, refer to field site specific information

The main priority during an evacuation will be persons within the EPZ, following the evacuation of people, if safe to do so, the evacuation of pets and livestock will be addressed.

Mutual Aid Agreements

Mutual aid is an agreement between 2 or more companies / agencies in the area outlining how they will assist each other in responding to an emergency. The agreement defines each responder's responsibilities for providing aid and support during an incident.

Discussions with mutual aid partners have resulted in verbal agreements and common understandings on what assistance is available, and how it is to be accessed. Formalized written agreements among the mutual aid partners do not exist.



The lack of a formalized agreement should not be viewed as having a negative impact on the mutual aid available, as the operating experience in both day-to-day and emergency situations has shown that the resources are available and the communication lines exist.

Public Information Packages are located in **Section 6.7 – Site Specific Information.**



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6.5 CEPA Products

6.5.1 Identification of Substance

Substance at Facility	CAS Registry No.	UN	Quantity of Substance at Facility (tonnes)	Max. Container size of substance at Facility (tonnes)	Threshold Quantity (tonnes)	Reportable/E2 Plan Required
NGL	64741-48-6	1268	67.79	67.79	4.5	Yes

Identification of Substance and Place Notification	
Facility Name	Esther
Facility Location	Legal Land Description: [REDACTED] Latitude: [REDACTED] Longitude: [REDACTED]
Facility E2 ID	****

6.5.2 Handling and Storage

Handling and storage directions of all products should be followed as per the appropriate Safety Data Sheet's (SDS). For a complete SDS listing including first aid treatment, firefighting measures, and initial response to an accidental release refer to Obsidian Energy's SDS sheets.

Below are some general characteristics of the product(s) stored or transported at Kanata facilities:

Product	Hazards	Handling and Storage
Propane	- Extremely flammable - Easily ignited by heat, sparks or flame - Vapours from liquified gas are initially heavier than air and spread along the ground - Vapours may travel to the source of ignition and flash back - Containers may explode when heated - Ruptured cylinders may rocket	- Wear protective gloves, protective clothing and eye protection - Do not breathe gas - Keep away from heat, sparks, open flames, and hot surfaces - Store in well-ventilated area - Store away from incompatible materials - Protect from sunlight

6.5.3 Container Specific Response

For the general Spill Response (with no ignition) refer to [Section 4 – Quick Guides LPG and other CEPA Emergencies](#) or the Esther [CEPA guidelines sheet in the Site Specific Section 6.7](#).



It is imperative that only fire response personnel trained, experienced, and capable in responding to industrial container fires are utilized.

Use extreme caution as the potential for a Boiling Liquid Expanding Vapour Explosion (BLEVE) could be approaching. A BLEVE is the result of a liquid within a container reaching a temperature well above its boiling point at internal conditions, causing the vessel to rupture into two or more pieces.

Tanks	Bullets
1. Use hand lines/monitors to cool exposures and tank with water 2. Establish/adjust control perimeters: • If small spill – Alternate Case EPZ can be applied • If large spill and/or fire – Worst Case EPZ can be applied. 3. Use extreme caution if the lid is still intact as it may become separated from the tank and travel great distances potentially causing harm to personnel and property	1. Cool vessels and exposures with unmanned monitors only 2. Establish/adjust control perimeters: • If small spill – Alternate Case EPZ can be applied • If large spill and/or fire – Worst Case EPZ can be applied. 3. Use the appropriate fire suppression strategy: • Defensive Strategy – Use when fire is highly engaged, and valves cannot be accessed i. Cool exposures ii. Cool affected area iii. ESD area remotely • Aggressive Strategy i. Extinguishment of fire using means other than a fixed system ii. Direct valve/source isolation iii. Adjustment of product levels

6.5.4 Testing and Record Keeping

Testing E2 Plans:

- A simulation exercise is to be conducted each year for one substance from each hazard category (except during a year when a full-scale simulation exercise is conducted).
- A full-scale simulation exercise is to be completed for any one substance every 5 years (on a rotational basis, until all substances have been exercised).

Record Keeping:

- Records of Plans, Updates to Plans as well as records of Simulation Exercises must be kept at the facility and any other place where a copy needs to be kept for consultation by those expected to carry out the plan, for a period of 7 years from the day they were prepared.



6.6 Pipeline Valve Locations

The Compeer / Esther Field facilities have inlet and sales line ESDs to isolate the Compressor Stations from the field. In an emergency situation, the compressor ESD valves de-pressurize the facility to flare. There may be ESD valves on some of the wells. For emergency shut downs, follow guidance as outlined in the area specific Emergency Shut Down and Evacuation Plans.

The following locations within Compeer / Esther Field have Emergency Shut Down (ESD) Valves installed, to minimize release potential:

Location of Emergency Shut Down Valve (EDS) - Compeer	
Location of Emergency Shut Down Valve (ESD) - Esther	



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6.7 Site Specific Information



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OBSIDIAN ENERGY 24 HOUR 877-792-2990

Esther [REDACTED] Field Office Admin: [REDACTED]
Obsidian Energy Head Office Office: 403-777-2500
Courier/Mailing Address: 207 - 9 Avenue SW
Calgary, AB T2P 1K3

FACILITY & FIELD CONTACTS		
24-Hour Area On-Call		Cell: [REDACTED]
Production Foreman	[REDACTED]	Cell: [REDACTED]
Superintendent	[REDACTED]	Cell: [REDACTED]
Health & Safety Advisor	[REDACTED]	Cell: [REDACTED]

OPERATIONS SUMMARY

The Obsidian Energy Compeer / Esther Field is located within [REDACTED] in Alberta, adjacent to the Alberta and Saskatchewan border. These fields consist of natural gas producing wells, associated pipelines and gathering facilities, as well as heavy oil production. A few of the wells contain H₂S. Obsidian Energy also contract operates 2 sweet gas wells and pipelines for Harvest Operations Corp (Shut-in). There is one operating Canada Energy Regulated (CER) pipeline from the Esther area that transports gas into Saskatchewan. [REDACTED].

EPZ Information

The CER Pipelines have a maximum EPZ of 45 m.

On-Site Storage

There is no on-site storage for the CER Pipelines.

Closest Urban Centre

The pipelines are located within Special Areas #4, R.M. of Heart's Hill No. 352 and R.M. of Antelope Park No. 322. The Village of Consort is approximately 74 km from the pipelines and has a population of +/- 729.

Hydrology

There are numerous unnamed small waterbodies within the area.

Highways

No highways cross or intersect with the CER Pipelines.

Site Access

Refer to the following pages for access map and directions.

SAFETY EQUIPMENT

Operator / Truck Safety Equipment

Each operator carries the following equipment in their vehicles: ERP Truck Book, 20lb Fire Extinguisher, Vehicle Emergency Roadside Kit, 4 Head Monitor, and 30-minute SCBA's (SCBA are only required for sour areas).

Notification

Operators attend to the facility, wells and gathering system 7 days a week. Facilities are equipped with alarms that result in operators being notified on a 24/7 basis and result in on-call operators responding to the field or site.

Communications

The primary method of communication will be cellular phone.

Roadblock Kits / Ignition Kits

Three roadblock kits are located in the Esther - Wainwright field. The following locations have one roadblock kit each:

Each kit contains: 2 safety vests, 2 flashlights, 4 wand / orange cones, 4 28" telescopic cones with LED lights, 12 D cell batteries, 1 Stop / Slow sign, 2 rolls of warning tape (Do Not Enter) and a flare pistol.

** If any of the above mentioned safety equipment is insufficient, Obsidian Energy personnel will contact a local safety company who will be asked to provide additional equipment. **

AREA USERS & TIE-INS Note: All numbers, unless otherwise indicated, are 24 hours.		
Oil and Gas		
Baytex Energy Ltd.		403-250-0086
Husky Oil Operations Limited		877-458-8080
Teine Energy Ltd.		866-900-2711
Trappers		
No trappers have been identified within the surrounding area.		
Grazing Leases		
No Grazing Leases have been identified within the surrounding area.		
Guides & Outfitters - Wildlife Management Unit (WMU) #163, 200		
Company Name	Name	Business

EMERGENCY SERVICES	
Note: All numbers, unless otherwise indicated, are 24 hours.	
RCMP	911
Consort	403-577-3000
Kindersley	306-463-4642
Ambulance	911
Consort	
STARS Air Ambulance	888-888-4567
Saskatchewan Air Ambulance	888-782-8247
Fire Departments	911
Special Areas	
Consort	
Hospitals	
Provost Health Centre	780-753-2291
Consort Hospital & Care Centre	403-577-3555
Big Country Hospital	403-664-4300
Alberta Poison & Drug Information Service	800-332-1414
Alberta One-Call	800-242-3447
Saskatchewan Poison Control	866-454-1212
Saskatchewan 1st Call	866-828-4888
Reception Centres	
Canalta Hotel	866-664-3010
Junction of Hwy 9 and Hwy 41, Oyen	
Consort Sportex	403-577-2717
4602 - 50 Avenue, Consort	
Golden Prairie Hotel & Lodge	844-577-2770
5006 43 Street, Consort	

LEAD AGENCIES & PRIORITY CONTACTS

Note: All numbers, unless otherwise indicated, are 24 hours.

FEDERAL AGENCIES

Canada Energy Regulator (CER)	
Transportation Safety Board of Canada - Pipeline Emergencies	819-997-7887
CER Incident Line - All Other Emergencies	403-299-2773
Online Reporting System (OERS) Website	https://apps.cer-rec.gc.ca/ers
Environment & Climate Change Canada	
Meteorological Services	780-951-8907
Emergency Response Assistance Canada	800-265-0212
CANUTEC	613-996-6666
Toll-Free	888-226-8832
From Cell Phone	*666
Inquiries	Admin: 613-992-4624
Air Traffic Control	
NAV Canada	866-541-4102
*If a NOTAM advisory is required, contact NAV Canada	
Transport Canada	877-992-6853
*If a NOTAM is required for an airspace closure, contact the Transport Canada Aviation Operations Centre	

ALBERTA

Alberta Energy Regulator (AER)*	800-222-6514*
Bonnyville Field Centre	
Medicine Hat Field Centre	
Wildfire Reporting	310-FIRE (3473)
*One call number for regulatory agency, Alberta Environment, Spill Reporting & Sustainable Resource Development (lands, fish, forest, wildlife) & Environment Canada.	
Alberta Environmental & Dangerous Goods Emergencies (EDGE)	800-272-9600
Transportation Related Incidents	
Special Areas #4	Admin: 403-577-3523
Alberta Health Services - Z3 Central	844-755-1788
Alberta Emergency Management (AEMA) - South Central	866-618-2362
Alberta Boilers Safety Association (ABSA)	780-437-9100
Alberta Safety Services - Electrical Branch	Admin: 866-421-6929
Transportation of Dangerous Goods	800-272-9600
Alberta Ministry of Transportation	
Central Region - Hanna District	Admin: 403-854-5550
Alberta Occupational Health & Safety (OHS)	866-415-8690
Workers' Compensation Board (WCB) - Alberta	866-922-9221

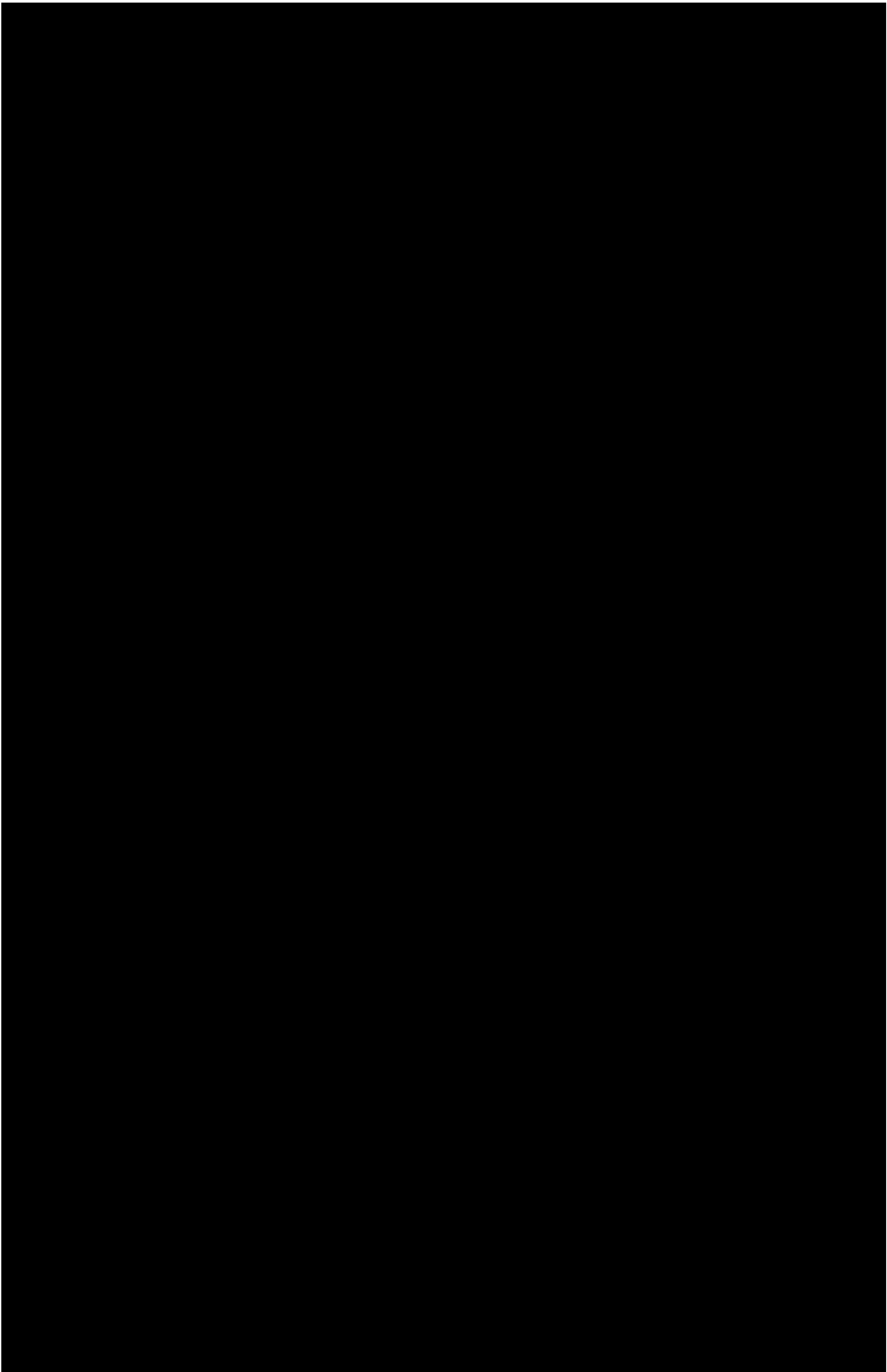
SASKATCHEWAN

Ministry of Energy & Resources (MER) - Kindersley	844-764-3637
R.M. of Heart's Hill No. 352	Admin: 306-372-4224
R.M. of Antelope Park No. 322	Admin: 306-968-2922
Saskatchewan Health Authority (SHA) - Prairie North	
Ministry of Health	
Health Emergency Management Unit	306-519-8570
Ministry of Environment	800-667-7525
	Admin: 306-953-3473
Saskatchewan Public Safety Agency	
Report a Wildfire	800-667-9660
Technical Safety Authority of Saskatchewan	Toll Free: 866-530-8599
Workers' Compensation Board (WCB) - Saskatchewan	800-667-7590
SaskPower - Electrical Safety	306-310-2220
Labour Relations & Workplace Safety (OHS) - Regina	800-567-7233
Ministry of Highways	Admin: 306-787-2454

SUPPORT SERVICES		
Note: All numbers, unless otherwise indicated, are 24 hours.		
Mobile Air Monitoring*		
Firemaster Oilfield Services - Blackfalds		877-342-3473
HSE Integrated - Red Deer		888-346-8260
Safety Boss Inc. - Edmonton		800-882-4967
Oilfield Fire Fighting / Safety Contractors		
Bravo Target Safety - Lloydminster		866-513-3779
United Safety Ltd. - Lloydminster		800-432-1809
Firemaster Oilfield Services - Blackfalds		877-342-3473
HSE Integrated - Red Deer		888-346-8260
Safety Boss Inc. - Edmonton		800-882-4967
Well Control Specialists		
Bravo Target Safety - Red Deer		866-513-3779
United Safety Ltd. - Lloydminster		800-432-1809
Firemaster Oilfield Services - Blackfalds		877-342-3473
HSE Integrated - Red Deer		888-346-8260
Safety Boss Inc. - Edmonton		800-882-4967
Ignition Services		
Firemaster Oilfield Services - Blackfalds		877-342-3473
HSE Integrated - Red Deer		866-346-8260
Safety Boss Inc. - Edmonton		800-882-4967
Emergency Response Management		
H ₂ Safety Services Inc. - Calgary		403-212-2332
	Toll Free:	888-216-2332
Spill Response		
Matrix Solutions Inc. - Lloydminster		877-774-5525
SWAT Consulting Inc. - Central Dispatch		866-610-7928
Bus Transportation		
Prairie Bus Lines Limited - Red Deer		403-304-8257
Frontier Bus Lines - Red Deer		403-347-4990
Red Arrow Motor Coach - Central Dispatch		800-232-1958
Helicopter Companies (Day Flying Only)		
Delta Helicopters - Central Dispatch		800-665-3564
Border City Aviation - Lloydminster		780-875-5834
Rangeland Helicopters Inc. - Medicine Hat	Cell:	403-548-9707
WCSS - Zone 3*		
Regional Custodian: [REDACTED] - GWG Investments Inc.		866-541-8888 403-346-7668
Equipment Location		
Garnet's Oilfield Trucking Inc.	Equipment Summary	
4025 Charles Street	52' OSCAR Trailer (semi-truck)	
Red Deer County, AB T4S 2B3	Work boats (2) (1/2-ton truck w/ 2" ball hitch)	
	40' Lake Boom Sea-Can (winch tractor/trailer)	
	Hydraulic Drum Skimmer w/ Power Pak & Pump (1/2-ton truck)	
Coop Custodian: [REDACTED] - Bromby Welding		780-888-0005
Equipment Location		
Bromby Welding (Hardisty)	Equipment Summary	
Hwy #13 and Rge Rd 100A turn south and travel 600 m on Rge Rd 100A. Turn Right into the yard.	20' ISRU Sea Can (winch tractor/trailer)	

* See website for more info (<http://www.wcss.ab.ca>)

SURFACE DEVELOPMENT INFORMATION



CER Pipelines Access

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

CER Pipelines

LICENSEE	WATER CROSS	FROM	TO	LICENSE NO.	LINE NO.	SUB	OD (mm)	SEGMENT LENGTH (km)	WALL (mm)	LICENSED PRESSURE (kPa)	H2S (%)	THERMAL RADIATION HPZ (km)	ASSIGNED EPZ (km)	STATUS
OBSIDIAN SWEET CER OPERATING														
OBSIDIAN ENERGY LTD.	-		PL		1	NG	168.3	0.75	26.7	2,080	0	0.033	0.033	O
OBSIDIAN ENERGY LTD.	-		PL		3	UN	168.3	3.65	26.7	2,080	0	0.036	0.036	U
OBSIDIAN ENERGY LTD.	-		HD		1	NG	114.3	2.10	3.2	6,900	0	0.038	0.038	O
OBSIDIAN SWEET CER DEACTIVATED														
OBSIDIAN ENERGY LTD.	-		IP		2	SW	91.0	1.46	8.1	9,930	0			V
OBSIDIAN ENERGY LTD.	-		HD		1	NG	114.3	2.13	3.2	9,920	0			V
OBSIDIAN ENERGY LTD.	-				3	NG	114.3	2.35	3.2	9,920	0			V
OBSIDIAN ENERGY LTD.	-				2	UN	0.0	0.00	0.0	0	0			V

LEGEND

Water Cross: C=Creek Crossing L=Lake Crossing O=Overhead Crossing R=River Crossing XA=Other Crossing S=Surface Crossing

Facility: BT=Battery BE=Blind End CP=Chemical Plant CS=Compressor Station GP=Gas Plant GS=Gas Gathering System IP=Injection Plant LH=Line Heater MS=Meter Station

PL=Pipeline PS=Pump Station SA=Satellite WE=Well LR=Loading Rack TL=Terminals TF=Tank Farm RE=Reservoir

Valve: CV=Check Valve ESD=Emergency Shutdown Valve

Substance: CO=Crude Oil FG=Fuel Gas FW=Fresh Water HV=High Vapour Pressure LV=Low Vapour Pressure NG=Natural Gas OE=Oil Effluent SG=Sour Gas SW=Salt Water

MP=Multiphase NL=NGL MG=Miscellaneous Gases

Status: A=Abandoned D=Discontinued N=Not Constructed/Approved O=Operating P=To Be Constructed U=Unknown Q=Active C=Cancelled S=Suspended R=Removed X=Not AER Regulated

Other: EPZ=Emergency Planning Zone IIZ=Initial Isolation Zone PAZ=Protective Action Zone Wall=Wall Thickness OD=Outside Diameter Z=Compressibility Factor

GLR=Gas-To-Liquid Ratio TEMP=Temperature

Esther / Wainwright Field

CER Regulated Pipelines

Emergency Contact Information

For Emergencies involving inter-provincial pipelines, the Canada Energy Regulator is the primary management agency – they will be contacted by the Transportation Safety Board. **A pipeline is CER-regulated due to the fact that it crosses a provincial or federal border. **		
This must be your first call		
Transportation Safety Board (TSB) – for pipeline incidents	24 Hr Incident Line	819-997-7887
	Facsimile	819-953-7876
	Email	PipelineNotifications@tsb.gc.ca
Canada Energy Regulator (CER) – all other emergencies	Incident Line	403-299-2773
Call the TSB 24 Hr Incident Line when an incident meets the Immediately Reportable Events (see page 2 for criteria) for all Canada Energy Regulator (CER) regulated pipelines and facilities. Both the phone notification and the input of information into the CER's Online Event Reporting System (OERS): https://apps.cer-rec.gc.ca/ers/home/index are required to occur as soon as possible and no later than three hours of the incident being discovered. For all other events (non-immediate) companies are only required to input the information via the OERS.		
Secondary Calls		
Contact as needed AFTER contacting the TSB and CER.		
Alberta Energy Regulator	24 Hr	800-222-6514
SK Ministry of Energy & Resources	24 Hr	844-764-3637
Hazardous occurrences (under Part XVI of the Canada Oil and Gas Occupational Safety and Health Regulations) and incidents requiring medical evacuations are to be reported to the CER immediately.		
 Canada Energy Regulator Régie de l'énergie du Canada		

Definition of an Emergency

CAN /CSA Z246.2-18 defines an emergency as “an event or imminent event, outside of the scope of normal operations that requires prompt coordination of resources to protect people, the environment, and property”.

Emergencies can result from numerous causes including pipeline and equipment failure, human error and natural perils such as tornadoes, hurricanes, floods, or earthquakes and terrorism or other criminal activities. Multi-hazard emergencies such as an earthquake causing pipeline breaks, fires and explosions, which result in injury and further property damage, can also occur.

Companies must consider all probable emergencies and have applicable procedures in place to deal with potential effects and threats to people, property and the environment, as determined through a formal hazard assessment.

CER Immediately Reportable Events (Significant Incident)

Section 52 of the Onshore Pipeline Regulations (OPR) requires companies to notify the CER of all incidents relating to the construction, operation, or abandonment of their pipelines.

A significant incident is an acute event that results in:

1. death;
2. missing person (as reportable pursuant to the *Canada Oil and Gas Drilling and Production Regulations (DPR)* under the *Canada Oil and Gas Operations Act (COGOA)* or the *Oil and Gas Operations Act (OGOA)*);
3. a serious injury (as defined in the OPR or TSB regulations);
4. a fire or explosion that causes a pipeline or facility to be inoperative;
5. a LVP hydrocarbon release in excess of 1.5m³ that leaves company property or the right of way;
6. a rupture; or
7. a toxic plume as defined in CSA Z662.

Note: A “rupture” is an instantaneous release that immediately impairs the operation of a pipeline segment such that the pressure of the segment cannot be maintained.

Companies are required to report a death or serious injury to a person only where the death or injury is a result of an occurrence that relates to the construction, operation, or abandonment of a “pipeline”. Whether a death or injury is related to the construction, operation, or abandonment of a pipeline will depend on whether the person who was killed or injured was working at the time of the incident and/or whether the work was a cause or contributing factor to the incident. It is important to note that, unlike the Canada Labour Code (CLC), the OPR does not differentiate between different types of “persons”. Therefore, companies must report all deaths or serious injuries to any person that occur relating to pipeline construction, operation, or abandonment regardless of whether or not that person was directly employed by the company.

The definition of “serious injury” in the OPR is not exhaustive and contains multiple injuries that qualify as serious, including “the fracture of a major bone”. The CER uses the following definition of “major bone”: skull, mandible, spine, scapula, pelvis, femur, humerus, fibula, tibia, radius, and ulna.

TSB Immediately Reportable Events

Call the TSB as soon as possible after discovery of any of the following occurrences:

- An occurrence that results in;
 - o a death;
 - o a serious injury (as defined in the OPR or TSB regulations);
 - o an unintended or uncontrolled LVP hydrocarbon release in excess of 1.5 m³ that leaves company property or occurs on or off the right of way;
 - o an unintended or uncontrolled sweet natural gas or HVP release >30,000 m³;

- o any unintended or uncontrolled release of sour natural gas or hydrogen sulfide;
- o a significant adverse effect on the environment (a release of any chemical or physical substance at a concentration or volume sufficient to cause an irreversible, long-term, or continuous change to the ambient environment in a manner that causes harm to human life, wildlife, or vegetation)
- o a fire, ignition, or explosion that poses a threat to the safety of any person, property, or the environment.
- A rupture:
 - o an instantaneous release that immediately impacts the operation of a pipeline segment such that the pressure of the segment cannot be maintained.
- A Toxic Plume:
 - o a band of service fluid or other contaminant (e.g. hydrogen sulfide or smoke) resulting from an incident that causes people, including employees, to take protective measures (e.g. muster, shelter-in-place or evacuation).

Where an event meets any of the above definitions, companies are required to notify the TSB Reporting Hotline at (819) 997-7887. Subsequently, the company is required to input the details required by both the TSB (see TSB regulations) and the CER into the OERS. The phone notification and the input of information into OERS are required to occur as soon as possible and no later than three hours of the incident being discovered. The goal of the initial phone notification is to allow the relevant agencies to mobilize a response to an incident, if required. Note that OERS will automatically determine whether the event meets the definition of an “Incident that Harms People or the Environment”, however the company will be responsible for specifically indicating whether the incident meets the definitions of “Rupture” and “Toxic Plume”.

For all other events that do not meet any of the definitions in this section, companies are not required to phone the TSB Reporting Hotline but must report the event as soon as possible and no later than twenty-four hours after the event was discovered.

Multiple Incident Types

It is possible that a single occurrence may result in multiple incident types. If multiple incident types occur as a result of a single occurrence, companies are expected to report those incident types under a single incident report.

Examples of situations where this might be the case include but are not limited to:

- A pipeline rupture (occurrence) where there is a release of gas (incident type) and an explosion (incident type);
- An industrial accident (occurrence) that causes a death (incident type), a serious injury (incident type) and a fire (incident type);
- An operational malfunction (occurrence) that causes an overpressure (incident type) and a release of product (incident type); or
- An operational malfunction (occurrence) that causes several concurrent or immediately consecutive overpressures (incident types).

In cases where an incident has occurred, and a second incident occurs during the response to the initial incident (e.g. a fire occurs during the clean-up of a spill), the second incident is considered distinct and should be reported separately.

The events that are reportable using the online reporting system are:

- incidents under the OPR, PPR, and DPR/*Oil and Gas Drilling Regulations*;
- emergency burning or flaring under the PPR;
- hazard identification under the PPR;
- suspension of operations under the PPR;
- near-misses under the DPR;

- serious accidents or incidents under the *Canada Oil and Gas Geophysical Operations Regulations/Oil and Gas Geophysical Operations Regulations*;
- emergencies or accidents under the *Canada Oil and Gas Installation Regulations/Oil and Gas Installation Regulations*; and
- accidents, illnesses, and incidents under the *Canada Oil and Gas Diving Regulations/Oil and Gas Diving Regulations*.

In the event that OERS is unavailable, companies are directed to report events to the TSB Reporting Hotline at 819-997-7887.

Reporting Timelines

Section 52 of the OPR requires companies to immediately notify the CER of any incident. Section 52 of the OPR also requires the submission of a Preliminary Incident Report (PIR) and a Detailed Incident Report (DIR) “as soon as is practicable”. Generally, companies’ initial notification of an incident will satisfy the PIR requirements. The information required for a DIR must be submitted within 12 weeks of reporting an incident. For complex incidents, companies may request an extension for submission of a DIR.

The CER and the TSB have adopted a single window reporting approach. However, in some areas, the TSB reporting requirements are somewhat different than the CER requirements. For additional details on the TSB reporting requirements, companies should refer to the TSB website (<http://www.bst-tsb.gc.ca/eng/incidents-occurrence/index.asp>).

Transportation Safety Board of Canada
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200 Promenade du Portage
Hull, Quebec K1A 1K8
Facsimile 819-953-7876

Supporting Information

The table below indicates the location of CER supporting documentation in this emergency response plan.

Supporting Information	Found in
CER Distribution	Section 6 – Site Specific Core Page 5
Company 24/7 Emergency Number	Cover Page (Page 1)
Area Map of CER Regulated Facilities	Area Specific Information
TSB Roles & Responsibilities	Section 6 – Site Specific Core Page 19
CER Roles & Responsibilities	Section 6 – Site Specific Core Page 19
Safety data sheets (SDS)	Site Specific Information
Health and Safety Plan	Please refer to the company’s Health & Safety Plan located at the corporate head office.

Emergency Preparedness & Response Policy

Emergency Management Expectations

An effective emergency management program includes being prepared for emergencies, responding in the event of an emergency and ensuring that operations are able to continue safely and can recover in a timely, efficient manner.

Emergency management is critical to ensuring that people, the environment, the public, the organization's assets and reputation are protected in the event of an unanticipated hazard event, be it natural, technological or human-induced.

Emergency Management Preparedness

Emergency preparedness is a continuous process of all-hazards planning and coordination in order to effectively minimize the adverse effects and consequences inherent in any emergency incident. Through the use of such tools as exercises, proactive resource management and capability analysis, preparedness is one of the key pillars with which to ensure the adaptation of comprehensive approaches for the company's emergency management strategy. The emergency management process must include the following:

- Hazard Risk and Vulnerability Assessment
- Public Involvement
- Communications Planning
- Situational Awareness
- Crisis Management Plans
- Emergency Response Plans
- Emergency Management Resources
- Competence, Training and Awareness
- Exercises and Drills
- Record Keeping
- Distributions Lists (Internal and External)
- Continuous Improvement

Emergency Response Plans should contain:

- Communication procedures
- Emergency contacts
- Evacuation and Rescue plans
- Equipment locations and supply companies
- Spill response and containment (where required)
- Meet regulatory requirements
- Event classification
- Activation and Stand Down Levels
- Guidelines for medical emergencies
- Defined roles and responsibilities
- Maps and Emergency Planning Zones
- Mutual Aid Understandings (where applicable)

Confidential ERPs will be available at the field Incident Command Post and the Corporate Emergency Operations Centre (EOC).

Extended Emergencies

In an extended emergency, company responders will develop an Incident Action Plan utilizing forms found within ERP, which may include:

- ICS Form 201 – Incident Briefing
- ICS Form 202 – Incident Objectives
- Form A1 – Initial Emergency Report
- Form A4 – Incident Action Plan (IAP) Checklist

Emergency Response, Continuity and Recovery

In the event of an emergency, each business unit shall determine the level of emergency as per established protocols and respond according to their respective emergency response plans. Response includes the mobilization and ongoing management of resources, people, equipment and assets to manage the effects of an incident; functions inclusive of the Incident Command System (ICS), the company's primary response platform.

Each business unit shall establish, implement and maintain procedures for communicating information related to emergency management, including:

- Communication of plans and procedures to employees, operating partners, contractors, the supply chain, regulators and local communities; and
- Emergency and crisis communications to stakeholders, including emergency responders, regulators, the media, family members and the public.

Emergency Management Monitoring, Assessment and Continuous Improvement

Lessons learned and knowledge generated from monitoring results should be used to develop “improved practices”, which are then shared widely. After emergencies or disasters occur, a systematic approach is used to learn lessons from the experience, increase effectiveness and improve emergency management practices and processes.

Manual Updating Procedures and Schedule

The company's Corporate and Site-Specific ERPs are to be updated annually and submitted to the CER on or before April 1st of each year, or when significant changes (either operational or identified from exercises/incidents and resulting debriefs) occur or are identified. If an update occurs outside of the January 1st to April 1st period, a letter must be submitted to the CER indicating that there have been no changes to operations since the ERP was last submitted. ERP updates are performed by a third-party company (H2Safety), whose expertise in the field provides company personnel with the education, training, and resources to excel in Emergency Response. Approvals for ERP updates will be carried out by the company's Emergency Management Coordinator.

Debriefing

Internal Debriefing

The Incident Commander, in consultation with the Lead Agency and/or other regulatory body, will order "Return to Normal" status.

- All response team members and on-site personnel, including contract personnel and emergency services, will be notified.
- All previous contacts including public, workers, landowners, government and industrial operators must also be notified of the end of the emergency.
- Ensure a media statement is prepared and delivered by Senior Management.
- Debriefing meeting(s) with company personnel (including insurance, legal, and human resources as appropriate) must be conducted.
- Debriefing meeting(s) to review effectiveness of the Emergency Response Plan must be conducted. Feedback and comments as a result of the debrief must be incorporated into the ERP revision and procedures. This feedback should be submitted to the ERP provider.
- Debriefing meeting(s) with residents, landowners, Lead Agency and other government agencies and all other impacted parties may be conducted.
- Document all "Return to Normal" activities.
- Complete response debriefing for all response teams. Submit, in writing, response findings and recommendations to the Incident Commander when applicable, which will be submitted to the overall report writer.

Public Debriefing

When the public has been impacted, company operations should provide the public information as soon after the emergency as possible, to answer any questions or concerns. This should be done by a senior company representative, a trained Media Advisor, or by the Incident Commander.

After an emergency, a number of additional items should be considered:

- Debriefings, as mentioned above.
- Crisis management for company personnel and for other members of the public that may have been significantly affected by the emergency.
- If the emergency is of a level where it has impacted the public, an information center may be established within the community where the emergency occurred to answer any questions posed by the public.
- Establish a means of compensating citizens who may have had out-of-pocket expenses (such as meals and lodging costs) as a result of the emergency.
- Through the media, provide details of the investigation into the incident that are pertinent to the public, as it becomes available.

Health and Safety Plan

The company's extensive Health and Safety program is to be implemented at all times during and after an incident. Training is provided to all company employees and contractors; all information and documentation can be found in the Health and Safety Manual.

Site Specific Control Points and Response

In the event of an incident (reported from an external source and/or confirmed by a drop in pressure), an operator would be sent out to visually confirm the need to shut down operations. Operators have the ability to manually trip the ESDs at the risers on the CER line. The operator would then immediately contact his/her supervisor and the TSB, and then work with internal support and outside agencies to determine a plan of action for resolving the source of the release.

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