Control Room Team Lead 24 Hr[.] 780-449-9776 Manager, Operations 780-449-9357 Contact: Bill Hawes **Terminal Supervisor** 780-449-9361 Contact. Lyle Young **Terminal Supervisor** 587-745-2002 Contact: Darcy Smith Sr. EH&S Advisor Contact: 780-449-9699

EDMONTON TERMINAL

GIBSON ENERGY CONTACTS

w 877 w 9997 w 6991

Although the probability of an incident is low, Gibson is taking advance preparations to ensure your safety. Gibson would like to

You are aware of the Emergency Response Plan and understand how it functions.

each business in the immediate area.

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MODERATE IMPACT - Public, personnel or the environment are at definite risk and external assistance is required to control the situation. Media coverage is possible and the incident has an effect outside the possible and the incident has an effect outside the must be notified.	гелег з
LOW IMPACT - Public, personnel and environment are not at serious risk and on-site personnel can control the incident. The incident is usually confined to the company.	רבאבר ו
ON-SITE ONLY - Immediate control of the hazard with progreasive resolution of the solution. There is no risk to the public or environment as the incident is contained to the site.	АСЕВТ

HIGH IMPACT - Control of the situation has been lost

and presents or has caused a hazard to public, personnel and / or the environment, on or off company property. Immediate multi-agency and provincial government involvement is required. **LEVEL 3**

In some cases, there may be concern that evacuation would expose people to greater hazard than it they remain in their homes. Buildings provide a supply of clean indoor air to dilute containnated air that infiltrates from outdoors, thus reducing the concentrations to which the occupants are exposed. Therefore sheltering may be considered as an alternative to evacuations for short durations.

- Wait for further instruction.
- Drive safely on the route provided, proceed directly to the reception centre and check in with the representative. .episiuo
- Turn down thermostat and shut off any air exchange fans to Lock all windows and doors.

 - Gather all residents and bring any medicines required.

if it is necessary to evacuate, you will be contacted by telephone immediately. If you require voluntary evacuation assistance, have special needs considerations, or if there is no answer to our telephone calls, Gibson will dispatch personnel to your residence or business to considerations and inform you of the stituation. Special needs for the special needs for the steps below should be followed if "Evacuation" procedures have been implemented:
 Gather all residents and bring any medicines require transportation.

ΡΩΟΣΕDURE FOR EVACUATION

Once the building is completely ventilated, return all equipment to normal settings and operation. while ventilating.

may be tresher and you may choose to leave your building

After the hazardous substance has passed through the area, you will receive an "all-clear" message from Gloson emergency response personnel You may also receive, if required, instructions to: • Ventilate your building by opening all windows and doors, turning on fans, and turning up thermostats. During the sit on fans, and turning up thermostats.

If you are unable to follow these instructions, please notify Gibson emergency response personnel.

- Even if you see people outside, do not leave until told to do so.
- Call Gibson if you are experiencing symptoms or smelling odours (so that they can coordinate a response).
- Avoid using the telephone, except for emergencies, so that can be contacted by Gibson emergency responsel. nok jeyj os
 - Wait in an interior room upstairs for further instruction.
 - Leave all inside doors open.
 - conditioners.
- Turn down furnace thermostats to the minimum setting, turn off air Draws in outdoor air, such as:

 Heating ventilation and air conditioning (HVAC) systems
 Fans for heat recovery ventilators or energy recovery ventilators.
 ventilators
- - - Clothes dryers
 Gas fire places and stoves.

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- Built in vacuum systems
- Bathroom and kitchen exhaust fans
 Bathroom and kitchen exhaust fans

 - Turn off appliances or equipment that either:
 - .9Idissoq
- Extinguish indoor wood burning fires, close flue dampers Tightly close windows and outside doors. If convenient, tape the gaps around the exterior door frames.
- Immediately gather everyone indoors and stay there. procedures have been implemented:

If you are advised to stay sheltered, do not leave your house or attempt to start any vehicles until a Gibson representative advises you that it is safe to do so. The following steps should be taken if "Shelter-In-Place"

SHELTER-IN-PLACE PROCEDURE

PUBLIC PROTECTION MEASURES

POTENTIAL HEALTH IMPACTS

BUTANE

Properties of Butane:

- Butane in its natural state is colorless with a petroleum-like odor. Butane is easily ignited and it's vapors are heavier than air. Any leak can be either liquid or vapor
- Under prolonged exposure to fire or heat the containers may
- rupture violently and rocket.

PC	TENTIAL HEALTH EFFECTS OF BUTANE
Skin	HAZARD The gas does not affect the skin. Contact with liquefied gas escaping from its high pressure cylinder may cause frostbite. Symptoms of mild frostbite include numbness, prickling and itching in the affected area. Symptoms of more severe frostbite include a burning sensation and stiffness of the affected area. The skin may become waxy white or yellow. Blistering, tissue death and gangrene may also develop in severe cases. FIRST AID Close-range contact with liquefied gas may cause injury characteristic of a thermal burn with swelling, fluid accumulation and extreme redness. Tissue death and gangrene may also develop.
halation	HAZARD At high concentrations it can displace oxygen and cause asphyxiation. Inhalation of this product may cause respiratory tract irritation and Central Nervous System (CNS) depression, symptoms of which may include: weakness, dizziness, slurred speech, drowsiness, unconsciousness, and in cases of severe exposure, coma and death. FIRST AID If symptoms are experienced, remove source of contamination or move victim to fresh air and obtain medical advice.

POTENTIAL HEALTH IMPACTS

people to greater hazard than it they remain in their homes. Buildings provide a supply of clean indoor air to dilute contaminated air that infiltrates from outdoors, thus reducing the concentrations to which the occupants are exposed. Therefore sheltering may be considered as an alternative to evacuations for short durations.

In some cases, there may be concern that evacuation would expose

In the event the EPZ had to be evacuated, a reception centre would likely be set up at one of the locations identified on the front of this

Emergency Awareness Zone (EAZ) is identified on the map for area. Residents in the immediate area would be contacted, given an update of the situation and instructed on which precautions to take. At any level of emergency, roadblocks would be set up around the Emergency Planning Zone (EPZ) to keep traffic out of the hazard

to our telephone calls, Gibson will dispatch personnel to your residence or business to verify your location and inform you of the

If you require voluntary evacuation assistance or if there is no answer

residents and residents with special needs considerations. Special needs considerations include residents who may require transportation, residents who do not have a telephone on-site and / or

At any level of emergency, Gibson responders will contact downwind

at a reception centre that is located in a secure and safe place.

You will also be provided with instructions to check in and register

If you are directed to evacuate, follow the instructions that will safely move you away from the source and out of harm's way.

members of the public, an evacuation will be carried out under the If environmental monitoring indicates that the release may impact

If you are considering leaving the area, contact the licensee representative, the municipality, or the AER for evacuation instructions. For major incidents, a special number may be provided, which should be called.

their 24-hour emergency number. You may also contact the AER (see front panel) and report the odour. Immediate action will be

Notify Gibson personnel via the contact information found on the

DO NOT use any forms of ignition (lighters, fire places, wood

furnace, and thermostat immediately. In the summer, turn off all

If you are indoors, close all doors and windows and turn down the

OD OT TAHW

front of this pamphlet. If unable to contact Gibson personnel,

taken by the AER to determine the source of the odour.

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stoves, etc.).

air conditioning.

reterence purposes only.

EMERGENCY PROCEDURES

residents who have health or respiratory problems.

direction of authorized emergency personnel.

ΕΑΡΓΥ ΝΟΤΙΓΙCΑΤΙΟΝ

GASOLINE

Properties of Gasoline:

- Gasoline (Motor Fuel) is a clear colorless to amber colored, volatile liquid with a petroleum-like odor.
- Gasoline is less dense than water and insoluble in water. Hence, it floats on water.
- · Vapors are heavier than air. Leaked vapors may travel to a source
- of ignition and then flash back to the source. POTENTIAL HEALTH EFFECTS OF GASOLINE HAZARD
 - Contact with the material may cause mild irritation. Prolonged exposure may cause greater irritation or burn the skin. Skin FIRST AID In case of contact with substance, was skin with soap and water. In case of burns, immediately cool skin for as long as possible with cold water. Do not remove clothing if adhering to the skin.
 - HAZARD
- Inhalation of this product may irritate the nose and throat. Vapors may cause dizziness or suffocation. Other symptoms may include headache, nausea, drowsiness and confusion. Inhalation FIRST AID
 - If symptoms are experienced, remove source of contamination or move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult and give artificial respiration if victim is not breathing.
 - HAZARD Contact with the substance may irritate or burn eyes.
 - Eye
 - FIRST AID

GIBSON ENERGY

24 HOUR EMERGENCY NUMBER 1-866-553-0111

ΟΛΕΚΛΙΕΜ

their operations in the area and to ensure that you understand your (ERP). You are being contacted to make certain that you are aware of information pamphlet and an area specific emergency response plan As part of the public safety process, Gibson Energy has created this

role in the emergency response process.

.vtilice Located within Strathcona County, Gibson's Edmonton Terminal has Butane, Crude Oil, Gasoline and Diesel storage bullets, making it an Environment and Climate Change Canada (ECCC), CEPA registered

		0017		Facility
2 @ 31.5 bbl each 1 @ 100,000 bbl 1 @ 40,000	با @ 300'000 ا	ppl escy 5 @ 40'000 ppl escy 3 @ 50'000 ppl escy 5 @ 40'000	63CJ 5 @ 338 W ₃ 5 @ 114 3 W ₃	Quantity
98334-30-2	6-19-9008	8002-05-9	8-76-901	CAS Number
DIESEL	GASOLINE	CKUDE OIL	BUTANE	Substance

WHY ARE YOU BEING CONTACTED?

:eunsue

- 2 You are aware of the Reception Centre(s) and their locations.
- 3 You are advised of methods of communication to be used in case of an emergency.

Gibson obtains the confidential* information it may need to contact

Storage EPZ

LEVELS OF EMERGENCY

MODERATE IMPRCT - Public, personnel or the environment are at definite risk and external assistance is required to control the stituation. Media coverage is possible and the incident has an effect outside the	LEVEL 2
LOW IMPACT - Public, personnel and environment are not at serious risk and on-site personnel can control the incident. The incident is usually confined to the company.	LEVEL 1
W-SITE ONLY - Immediate control of the hazard with progressive resolution of the solution. There is no risk to the public or environment as the incident is contained to the site.	АГЕВТ

HAZARD

Contact with liquefied gas escaping its high pressure cylinder may cause freezing of the eye. Permanent eye damage of blindness could result.

Eye

FIRST AID Briefly flush eyes with lukewarm, gently flowing water. DO NOT attempt to re-warm the affected area. DO NOT rub the area or apply direct heat. Loosely cover the area affected with a sterile dressing. DO NOT allow victim to drink alcohol or smoke. Quickly transport victim to emergency care facility.

CRUDE OIL

In

Properties of Crude Oil:

- · Crude Oil is dark brown or black liquid with a petroleum smell. It is a mixture of naturally occurring hydrocarbons that are refined into a multitude of products.
- Crude Oil is easily ignited by heat, sparks or flames.
- · Containers may explode when heated.

POTENTIAL HEALTH EFFECTS OF CRUDE OIL

HAZARD Contact with the material may irritate or burn skin. FIRST AID In case of contact, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes. In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
HAZARD Inhalation may cause dizziness or nausea. Vapors may cause dizziness or suffocation. FIRST AID If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
HAZARD Contact with the material may irritate or burn eyes. FIRST AID In case of contact, immediately flush eyes with running water for at least 20 minutes.

In case of contact, immediately flush eyes with running water for at least 20 minutes. If irritation or pain persists, see a doctor.

DIESEL

Inh

Properties of Diesel:

- · Diesel is a straw yellow to dark colored liquid with a petroleum-like odor
- Diesel is less dense than water and insoluble in water. Hence, it floats on water.
- · Vapors are heavier than air. Leaked vapors may travel to a source of ignition and then flash back to the source.

Skin	HAZARD Contact with the material may cause mild irritation. Prolonged exposure may cause greater irritation or burn the skin. FIRST AID In case of contact with substance, wash skin with soap and water. In case of burns, immediately cool skin for as long as possible with cold water. Do not remove clothing if adhering to the skin.
halation	HAZARD Inhalation of this product may irritate the nose, throat and lungs. Vapors may cause dizziness or suffocation. Other symptoms may include headache, nausea, drowsiness and confusion. FIRST AID If symptoms are experienced, remove source of contamination or move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult and give artificial respiration if victim is not breathing.
Еуе	HAZARD Contact with the substance may irritate or burn eyes. FIRST AID In case of contact, immediately flush eyes with running water for at least 20 minutes. If irritation or pain persists, see a doctor.
GIBSON	I ENERGY 24 HOUR EMERGENCY NUMBER 1-866-553-0111

GOVERNMENT CONTACTS

Environment & Climate Change Canada	Office:	800-667-7525
Alberta Energy Regulator (AER)	24 Hr:	800-222-6514
Strathcona County	Office:	780-464-8111

This Information Pamphlet is Environment Canada Regulated

RECEPTION CENTRES

Clarion Hotel & Conference Centre 2100 Premier Way, Edmonton, AB Contact: 780-464-4900

Courtyard by Marriott

10011 - 184 Street NW, Edmonton AB

Contact: 780-638-6070

CLICK BEFORE YOU DIG

When work needs to be done within 30 metres of the pipeline Right of Way, you can arrange to have the pipeline located for you within 48 hours, free of charge This service can be arranged by visiting the following website:

http://www.albertaonecall.com

Or by phone

1-800-242-3447 (Call Toll Free)

