

GIBSON ENERGY 24 HOUR EMERGENCY NUMBER 1-866-553-0111	
ALERT	ON-SITE ONLY - Immediate control of the hazard with professional resolution of the situation. There is no risk to the public or environment as the incident is contained to the site.
LEVEL 1	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 2	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 company boundaries. External and provincial agencies must be notified.
LEVEL 3	HIGH IMPACT - Control of the situation has been lost and presents or has caused a hazard to public, personnel or the environment, on or off company property. Immediate multi-agency and provincial government involvement is required.

LEVELS OF EMERGENCY

Gibson obtains the confidential information it may need to contact each business in the immediate area.

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

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

WHY ARE YOU BEING CONTACTED?

Quantity	Facility	EPZ Storage
1 @ 296 each 1 @ 263 m ³ 2 @ 263 m ³ 1 @ 254 m ³	1 @ 170 bbl each 1 @ 56,000 bbl 1 @ 10,000 bbl	120 m
1 @ 18 m ³ 1 @ 69 m ³ 2 @ 133 m ³	1 @ 167,000 bbl 1 @ 96,000 bbl 3 @ 80,000 bbl	200 m
2 @ 2,000 bbl each 2 @ 225,000 bbl each 1 @ 300,000 bbl each	1 @ 217,000 bbl 2 @ 2,000 bbl each	200 m
7 @ 400,000 bbl each 11 @ 500,000 bbl each	1 @ 1754 m	200 m

CAS Number	Substance	CONDENS	CRUDE OIL	ETHAN	PROPAN	BUTAN	LPG
106-97-8	106-97-8	64741	74-98-6	74-84-0	8002-05-9	64741-47-5	64741-47-5

and Climate Change Canada (ECCC), CEPA registered facility.

Butane, LPG, Propane and Ethane storage tanks making it an Environment

Located within the M.D. of Provost No. 52, Gibson's Hardisty Terminal has emergency response plan.

information pamphlet and an area specific emergency response plan operations in the area and to ensure that you understand your role in the (ERF). You are being contacted to make certain that you are aware of the information pamphlet and an area specific emergency response plan

As part of the public safety process, Gibson Energy has created this

OVERVIEW

24 HOUR EMERGENCY NUMBER 1-866-553-0111



HARDISTY TERMINAL

GIBSON ENERGY CONTACTS		
Control Room Team Lead	24 Hr:	780-888-8221
Manager, Operations Kent Drager	Contact:	780-888-8267
Pipeline Supervisor Jeff Moore	Contact:	780-888-5363
Control Room Supervisor Ken Martin	Contact:	780-888-8272
Sr. EH&S Advisor Tyson Armitage	Contact:	780-888-8250

GOVERNMENT CONTACTS	
Environment & Climate Change Canada	Office: 800-667-7525
Alberta Energy Regulator (AER)	24 Hr: 800-222-6514
M.D. of Provost No. 52	Admin: 780-753-2434
This Information Pamphlet is Environment Canada Regulated.	

RECEPTION CENTRES

Hardisty Community Hall 4807 49 Street, Hardisty, AB	Admin: 780-888-3623
R&R Inn Hardisty 4744 49 Street, Hardisty, AB	24 Hr: 780-888-0004

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)

POTENTIAL HEALTH EFFECTS OF LPG	
Eye	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.
Inhalation	HAZARD Inhalation of vapours may cause headaches, dizziness or asphyxiation without warning. FIRST AID If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give
Skin	HAZARD Liquid or vapour contact may cause slight irritation. May cause burns similar to frostbite. FIRST AID In case of contact, wash with soap and large amounts of water. Remove contaminated clothing. If irritation or other symptoms develop seek medical attention.

containers may rupture violently and rocket.

- LPG is highly flammable. Under prolonged exposure to fire or heat the hydrcarbon stream that is typically in a vapour phase.
- LPGs are hydrocarbons removed (condensed) as a liquid from a pressure.
- Colourless gas that is shipped, stored and consumed as a liquified gas under

Properties of LPG (Liquified Petroleum Gas): LPG

POTENTIAL HEALTH IMPACTS

HAZARD
Inhalation of vapours may cause headaches, dizziness or asphyxiation without warning.
FIRST AID
If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give

- Wait for further instruction.
- Drive safely on the route provided, proceed directly to the reception centre and turn down thermostat and shut off any air exchange fans to outside.
- Lock all windows and doors.
- Gather all residents and bring any medicines required.

HAZARD
In case of contact, wash with soap and large amounts of water. Remove contaminated clothing. If irritation or other symptoms develop seek medical attention.
FIRST AID
If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give

PROCEDURE FOR EVACUATION

- Call Gibson if you are experiencing symptoms or smelling odours (so that they can coordinate a response).
 - Even if you see people outside, do not leave until told to do so.
 - If you are unable to follow these instructions, please notify Gibson emergency response personnel.
- After the hazardous substance has passed through the area, you will receive an "all-clear" message from Gibson emergency response personnel. You may also ventilate your building by opening all windows and doors, turning on fans, and turning up the thermostat. During this time the air outside may be fresher and you may choose to leave your building while ventilating.

SHELTER-IN-PLACE PROCEDURE, CONT'D

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.

POTENTIAL 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, pricking 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.
Inhalation	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.
Eye	HAZARD Contact with liquefied gas escaping its high pressure cylinder may cause freezing of the eye. Permanent eye damage of blindness could result. 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

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	
Skin	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.
Inhalation	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.
Eye	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.

PROPANE

Properties of Propane:

- Propane is naturally a gas. A leak of liquid propane may form a visible white cloud of cold vapour considerably heavier than air.
- Under extreme conditions, pools of super cooled liquid may briefly form
- Propane is most dangerous inside closed spaces due to the fact that it can explode with an ignition source and it is classified as a simple asphyxiate.

- Wait in an interior room upstairs for further instruction.
- Avoid using the telephone, except for emergencies, so that you can be contacted by Gibson emergency response personnel.
- Leave all inside doors open.
- Turn down furnace thermostats to the minimum setting, turn off air conditioners.
- Fans for heat recovery ventilators or energy recovery ventilators.
- Heating ventilation and air conditioning (HVAC) systems
- Draws in outdoor air, such as:
 - ◆ Gas fire places and stoves.
 - ◆ Clothes dryers
 - ◆ Built in vacuum systems.
 - ◆ Bathroom and kitchen exhaust fans
- Blow out or use indoor air, such as:
 - Turn off appliances or equipment that either:
 - Extinguish indoor wood burning fires, close flue dampers if possible.
 - around the exterior door frames.
 - Tightly close windows and outside doors. If convenient, tape the gaps
- Immediately gather everyone indoors and stay there.

SHELTER-IN-PLACE PROCEDURE

HAZARD
In case of contact, wash with soap and large amounts of water. Remove contaminated clothing. If irritation or other symptoms develop seek medical attention.
FIRST AID
If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give

HAZARD
In case of contact, wash with soap and large amounts of water. Remove contaminated clothing. If irritation or other symptoms develop seek medical attention.
FIRST AID
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EMERGENCY PROCEDURES

HAZARD
In case of contact, wash with soap and large amounts of water. Remove contaminated clothing. If irritation or other symptoms develop seek medical attention.
FIRST AID
If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give

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FIRST AID
If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give

HAZARD
In case of contact, wash with soap and large amounts of water. Remove contaminated clothing. If irritation or other symptoms develop seek medical attention.
FIRST AID
If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give

EARLY NOTIFICATION

HAZARD
In case of contact, wash with soap and large amounts of water. Remove contaminated clothing. If irritation or other symptoms develop seek medical attention.
FIRST AID
If symptoms are experienced, move victim to fresh air and call 911 or emergency service. Administer oxygen if breathing is difficult. Give

- 1) If you are indoors, close all doors and windows and turn down the furnace, and thermostat immediately. In the summer, turn off all air conditioning.
- 2) DO NOT use any forms of ignition (lighters, fire places, wood stoves, etc.).
- 3) Notify Gibson personnel via the contact information found on the front of this pamphlet. If unable to contact Gibson personnel, call their 24-hour emergency number. You may also contact the AER (see front panel) and report the odour. Immediate action will be taken by the AER to determine the source of the odour.

- 4) 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.
- 5) If environmental monitoring indicates that the release may impact members of the public, an evacuation will be carried out under the direction of authorized emergency personnel.
- 6) If you are directed to evacuate, follow the instructions that will safely move you away from the source and out of harm's way. You will also be provided with instructions to check in and register at a reception centre that is located in a secure and safe place.

WHAT TO DO

POTENTIAL HEALTH IMPACTS

POTENTIAL HEALTH EFFECTS OF PROPANE	
Skin	HAZARD The gas does not affect the skin. Contact with liquified gas escaping from its high pressure cylinder may cause frostbite. Symptoms of mild frostbite include numbness, pricking, 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 liquified propane gas may cause injury characteristic of a thermal burn with swelling, fluid accumulation and extreme redness.
Inhalation	HAZARD At high concentrations it can displace oxygen and cause asphyxiation. Inhalation of this product may cause respiratory tract infection and Central Nervous System 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.
Eye	HAZARD Contact with liquified gas escaping its high pressure cylinder may cause freezing of the eye. Permanent eye damage of blindness could result. 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 with a sterile dressing. DO NOT allow victim to drink alcohol or smoke. Quickly transport victim to emergency care facility.

ETHANE

Properties of Ethane:

- Ethane is a colourless, odorless, gas.
- The vapours are heavier than air and may accumulate in low areas and / or spread along the ground away from the handling site.
- Under prolonged exposure to fire or heat the containers may rupture violently and rocket.

POTENTIAL HEALTH EFFECTS OF ETHANE	
Skin	HAZARD Causes skin irritation such as redness, swelling, and itching. Contact with the liquid may cause frostbite. FIRST AID Wash skin with soap and water or shower. Remove contaminated clothing. If irritation or other symptoms develop, seek medical attention.
Inhalation	HAZARD May cause drowsiness or dizziness. Excessive inhalation may cause headache, confusion, loss of appetite and/or loss of consciousness. FIRST AID Immediately remove from exposure and keep comfortable for breathing. Seek medical attention if you feel unwell.
Eye	HAZARD May cause eye irritation such as redness, swelling, pain, tearing, and blurred or hazy vision. FIRST AID Rinse cautiously with water for at least 15 minutes. If irritation persists or other symptoms develop, seek medical attention.

CONDENSATE

Properties of Condensate:

- Condensate is a complex combination of hydrocarbons.
- It is a colourless / straw coloured liquid at atmospheric pressure and temperature.
- The vapours are highly flammable and heavier than air.

POTENTIAL HEALTH EFFECTS OF CONDENSATE	
Skin	HAZARD Contact with the material may cause irritation. FIRST AID Immediately flush skin with soap and water for at least 15 minutes. If irritation or adverse symptoms develop, seek medical attention.
Inhalation	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.
Eye	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.

HARDISTY TERMINAL

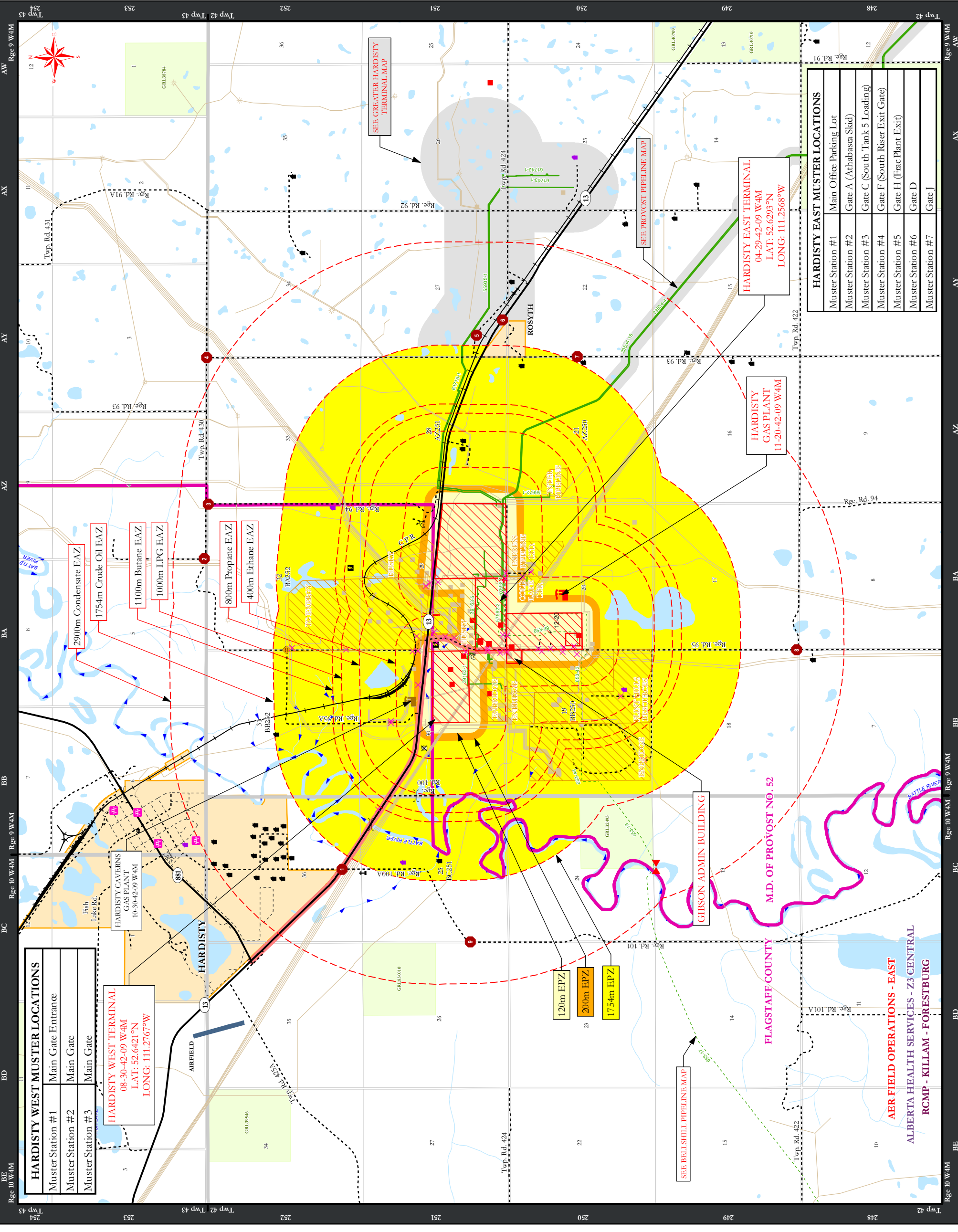
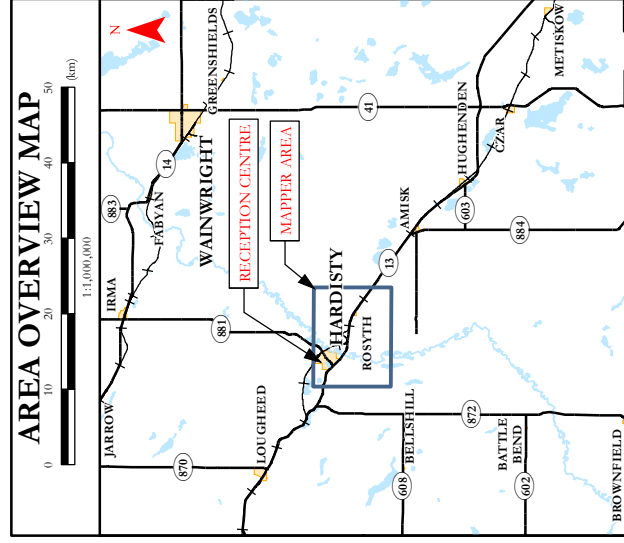
HARDISTY ERP



Draft Date: January 4, 2022 GLG Scale: 1:40,000 Map: 12866
 Revision Date: January 6, 2022 GLG UTM ZONE: 12 NAD83

0 1 2 (km)

- Third Party Well
- Injection Well
- Third Party Facility
- Third Party Gas Plant
- Facility
- Gas Plant
- ESD
- Third Party Pipeline
- Oil Pipeline
- Discontinued Oil Pipeline
- Other Roads
- Street
- Main Hwy
- Divided Hwy
- Railway
- Airfield
- Occupied
- Business
- Cemetery
- Church
- Abandoned
- Bridge
- Dead End
- Farm Use Area
- Locked Gate
- Power Station
- Recreation Area
- Roadblock
- River Flow Direction
- Hydrology
- Waterbody
- Urban Area
- Grazing Lease
- AER Field Centre
- Health Authority
- Local Authority
- RCMP
- Resident Quadrant Number i.e. GU223
- Third Party Facility Boundary
- Gibson Facility Boundary
- Butane EPZ
- Propane/Condensate/Ethane/LPG EPZ
- Crude Oil EPZ
- EAZ
- Other EPZ



HARDISTY WEST MUSTER LOCATIONS	
Muster Station #1	Main Gate Entrance
Muster Station #2	Main Gate
Muster Station #3	Main Gate

HARDISTY WEST TERMINAL
 08-30-42-09 W4M
 LAT: 52.6421°N
 LONG: 111.2767°W

HARDISTY EAST MUSTER LOCATIONS	
Muster Station #1	Main Office Parking Lot
Muster Station #2	Gate A (Athabasca Skid)
Muster Station #3	Gate C (South Tank 5 Loading)
Muster Station #4	Gate F (South Riser Exit Gate)
Muster Station #5	Gate H (Frac Plant Exit)
Muster Station #6	Gate D
Muster Station #7	Gate J

HARDISTY EAST TERMINAL
 04-29-42-09 W4M
 LAT: 52.6293°N
 LONG: 111.2568°W

HARDISTY GAS PLANT
 11-20-42-09 W4M

AER FIELD OPERATIONS - EAST
 ALBERTA HEALTH SERVICES - Z3 CENTRAL
 RCMP - KILLAM - FORESTBURG

FLAGSTAFF COUNTY
 M.D. OF PROVOST NO. 52

GIBSON ADMIN BUILDING

120m EPZ
 200m EPZ
 1754m EPZ

SEE GREATER HARDISTY TERMINAL MAP

SEE PROVOST PIPELINE MAP

SEE BELLSHILL PIPELINE MAP

BE Rge 10 W4M BD Rge 10 W4M BC Rge 10 W4M BB Rge 10 W4M BA Rge 10 W4M AZ Rge 10 W4M AY Rge 10 W4M AX Rge 10 W4M AW Rge 9 W4M

254 Twp 43 253 Twp 42 Twp 43 252 Twp 42 Twp 43 251 Twp 42 Twp 43 250 Twp 42 Twp 43 249 Twp 42 Twp 43 248 Twp 42 Twp 43

BE Rge 10 W4M BD Rge 10 W4M BC Rge 10 W4M BB Rge 10 W4M BA Rge 10 W4M AZ Rge 10 W4M AY Rge 10 W4M AX Rge 10 W4M AW Rge 9 W4M