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Emergency Response Planning

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11.0 Emergency Response Policy

It is the policy of this company to ensure that emergency response plans are in place, and that the appropriate resources are available to handle emergency situations at the workplace.

The manager/supervisor is responsible to implement the emergency response plan, confirm that all personnel are familiar with the plan, and test the plan to assess effectiveness.

The manager/supervisor will gather pertinent emergency information such as the location of the nearest hospital, fire station, first aid station, etc. to minimize travel time to treatment for all employees.

It is company policy that all workers are to be aware of the action required in the emergency response plans, but in the event of an emergency, they should follow the instructions of the manager/supervisor.

It is company policy that an emergency response drill must be conducted a minimum of once annually. Identified deficiencies in the emergency response plans will be rectified immediately upon discovery.

The information in this policy does not take precedence over applicable government legislation, with which all workers should be familiar.



Monty Cissell, President
July 5, 2023

11.1 Emergency Response Plan

Every worksite location shall have an Emergency Response Plan (ERP) in place. This form is a communication tool used to identify and communicate to all workers adequate emergency information. All forms must include:

- Job site location and GPS coordinates.
- Direction(s) to nearest town or city.
- Supervisor information.
- Emergency contact information in regards to the nearest city or town.

It is imperative that the form be completed in its entirety to ensure that all pertinent information is available in case of an emergency. The ERP must be available to all workers during their duration at that worksite. Posted either in a central meeting area, muster point or in the service truck of the supervisor on site.

If the client has not specified an Emergency Response Plan, employees should ensure an Emergency Response Plan form has been filled out and posted with emergency contact numbers.

Emergency Preparedness

Clients may have procedures in place that are to be followed in the case of an emergency. They include procedures for evacuation, medical aid, firefighting, equipment location and emergency contacts. If there is no Emergency Response Plan initiated by the client, then the Emergency Response Plan of the company will be activated.

Planning for Personal Injury Emergencies and Critical Emergencies

1. All required first aid services and supplies reflecting on the number of workers on-site is readily available. Requirements are as followed:
 - a. 2-10 workers, medium risk site, requires a small AB TYPE 2 Kit. Depending on the distance to the nearest medical facility, medical aid may be required. Otherwise an emergency first aider should be on site.
 - b. 2-25 workers, high risk site, requires a small AB TYPE 3 kit. Depending on the distance to the nearest medical facility, medical aid may be required . Otherwise a standard first aider should be on site.
 - c. 10-49 workers require an AB No. 1 Kit. Medical aid is also required.
2. Identify all required Personal Protective Equipment (PPE)
3. All Client/Provincial and Local standards are documented.
4. Certified First Aid services (i.e. site medic) identified.
5. Adequate communication system(s) are identified and available to all workers.
6. All needed emergency numbers are identified.
7. Transportation methods are identified.

8. Local support services are identified. (i.e. local hospital, air ambulance, STARS location & number, etc.)
9. Mustering points and/or emergency route(s) are identified.
10. Maintaining and controlling emergency vehicle access routes.

Planning for Fire Emergencies

1. All fire protection equipment is identified, regularly inspected and readily available (i.e. fire extinguisher)
2. Any flammable or combustible materials are assessed and identified.
3. Any areas in regards to re-fueling equipment or vehicles is identified.
4. General site and housekeeping issues are identified and discussed.
5. Smoking areas and non-smoking areas are identified.
6. Adequate communication system(s) are identified and available to all workers.
7. All emergency numbers are identified.
8. Mustering points and/or emergency route(s) are identified.
9. Maintaining and controlling emergency vehicle access routes.

Emergency Response Plan (ERP) Wild West Shop

Company Name: Wild West Dirt Works Ltd

Location: 725001 RR 31, Bezanson Alberta (MAIN YARD)

POTENTIAL EMERGENCIES (Based on Hazard Assessment)	The following are identified potential emergencies: FIRE MEDICAL EMERGENCY	
EMERGENCY PROCEDURES	In the event of an emergency (type or general) FIRE OR MEDICAL EMERGENCY occurring within or affecting the work site, the (designated person) MONTY CISSELL makes the following decisions and ensures the appropriate key steps are taken: <ul style="list-style-type: none"> • INITIATE EVACUATION TO MUSTER POINT • CONTACT 911 • ENSURE PERSONEL ALL EVACUATED, NOTIFY RESPONDERS OF MISSING PERSONEL 	
LOCATION OF EMERGENCY EQUIPMENT	Emergency equipment is located at: <ul style="list-style-type: none"> • Fire Alarm: MAIN ENTRANCE OF SHOP • Fire Extinguisher: CAB OF EQUIPMENT • Fire Hose: NONE ON SITE • Panic Alarm Button: MAIN ENTRANCE OF SHOP 	
WORKERS TRAINED IN THE USE OF EMERGENCY EQUIPMENT (List of names of workers trained and equipment trained on)	<ol style="list-style-type: none"> 1. MONTY CISSELL; Fire Alarms, Fire Extinguishers 2. KATHERINE CISSELL; Fire Alarms, Fire Extinguishers 	
EMERGENCY RESPONSE TRAINING REQUIREMENTS	Type of Training	Frequency
	STANDARD FIRST AID	3 YEARS
	FIRE EXTINGUISHER TRAININGS	3 YEARS
	EMERGENCY PREPARDNESS DRILL	ANNUALLY
LOCATION AND USE OF EMERGENCY FACILITIES	<p>The nearest emergency services are located:</p> <ul style="list-style-type: none"> • Fire Station: BEZANSON FIRE STATION, 100 AVE BEZANSON ALBERTA (911) • Ambulance: GRANDE PRAIRIE EMS STATION, GRANDE PRAIRIE (911) • Police: RCMP, GRANDE PRAIRIE (911) 780-830-5700 • GP REGIONAL HOSPITAL 11205 100 ST GRANDE PRAIRIE 825-412-4000 	
FIRE PROTECTION REQUIREMENTS	FIRE EXTINGUISHERS are located IN THE CAB OF EACH PIECE OF HEAVY EQUIPMENT and at the back door of the SHOP (to cold storage)	
ALARM AND EMERGENCY COMMUNICATION REQUIREMENTS	EMERGENCIES ARE INDICATED VERBALLY BY SUPERVISOR ON SITE TO INDICATE EVACUATION INITIATION PUSHING ALARM NOTIFIES FIRE, POLICE AND AMBULANCE	

FIRST AID	<p>First Aid Supplies are located at:</p> <ul style="list-style-type: none"> • First Aid kit type: NO. 2 FIRST AID KIT Location: LOCATED IN RESIDENCE ONSITE & SHOP & SUPERVISOR TRUCK • EYE WASH STATION Location: LOCATED IN RESIDENCE ONSITE & SHOP BATHROOM <p>First Aiders are:</p> <ul style="list-style-type: none"> • Name: MONTY CISSELL Location: SITE SUPERVISOR <p>Shift or hours of work: ALL WORK HOURS</p> <p>Transportation for ill or injured workers is by MONTY CISSELL</p> <p style="text-align: center;">Call 780-897-7880</p>
MATERIAL SAFETY DATA SHEETS (MSDS)	<p>Material Safety Data Sheets are located in the APPENDICIES OF THE HEALTH & SAFETY MANUAL, LOCATED IN RESIDENCE AND SUPERVISOR TRUCK. EACH WORKER HAS BEEN ACCESS TO @ SAFETY.WILDWESTDIRTWORKS.CA</p>
DESIGNATED RESCUE AND EVACUATION WORKERS	<p>The following workers are trained in rescue and evacuation:</p> <ul style="list-style-type: none"> • Name: MONTY CISSELL, DESIGNATED FIRST AIDER Location: WORKSITE SUPERVISOR • Name: KATHERINE CISSELL, FIRST AID Location: ADMINISTRATOR
PROCEDURES FOR RESCUE AND EVACUATION	<p>In case of (type of emergency/evacuation):</p> <p>EVACUATE AND DIRECT ALL WORKERS AND VISITORS TO THE MUSTER LOCATION</p> <p>PERFORM HEADCOUNT FOR ALL STAFF & VISITORS</p> <p>ASSIST ILL OR INJURED TO MUSTER LOCATION</p> <p>PROVIDE FIRST AID TO INJURED PERSONS AS REQUIRED</p> <p>CALL 911 FOR FIRE AMBULANCE OR POLICE AS REQUIRED</p> <p>REPORT INCIDENT TO RELEVANT AUTHORITIES</p>

Updated on: July 5 2023

Signed: 

Monty Cissell, President
July 5, 2023

Emergency Response Plan (ERP) Glacier Rock Scale House

Company Name: Glacier Rock Resources Inc.

Location: 69482 RR 262, Crooked Creek Alberta (PIT)

POTENTIAL EMERGENCIES (Based on Hazard Assessment)	The following are identified potential emergencies: FIRE MEDICAL EMERGENCY	
EMERGENCY PROCEDURES	In the event of an emergency (type or general) FIRE OR MEDICAL EMERGENCY occurring within or affecting the work site, the (designated person) MONTY CISSELL makes the following decisions and ensures the appropriate key steps are taken: <ul style="list-style-type: none"> • INITIATE EVACUATION TO MUSTER POINT • CONTACT 911 • ENSURE PERSONEL ALL EVACUATED, NOTIFY RESPONDERS OF MISSING PERSONEL 	
LOCATION OF EMERGENCY EQUIPMENT	Emergency equipment is located at: <ul style="list-style-type: none"> • Fire Extinguisher: SCALE HOUSE & MOUNTED ON EQUIPMENT • Fire Hose: NONE ON SITE • Panic Alarm Button: CALL 911 	
WORKERS TRAINED IN THE USE OF EMERGENCY EQUIPMENT (List of names of workers trained and equipment trained on)	<p>3. WARREN WOHLGEMUTH; Fire Extinguishers</p> <p>4. DWIGHT WOHLGEMUTH; Fire Extinguishers</p>	
EMERGENCY RESPONSE TRAINING REQUIREMENTS	Type of Training	Frequency
	STANDARD FIRST AID	3 YEARS
	FIRE EXTINGUISHER TRAININGS	3 YEARS
	EMERGENCY PREPAREDNESS DRILL	ANNUALLY
LOCATION AND USE OF EMERGENCY FACILITIES	<p>The nearest emergency services are located:</p> <ul style="list-style-type: none"> • Fire Station: DEBOLT FIRE STATION, 11115 TWP RD 721A DEBOLT ALBERTA (911) • Ambulance: VALLEYVIEW/GP EMS STATION (911) • Police: RCMP, GRANDE PRAIRIE (911) 780-830-5700 • Hospital: GP REGIONAL HOSPITAL 11205 100 ST GRANDE PRAIRIE 825-412-4000 	
FIRE PROTECTION REQUIREMENTS	FIRE EXTINGUISHERS are located MOUNTED ON OF EACH PIECE OF HEAVY EQUIPMENT and at the door of the SCALEHOUSE	
ALARM AND EMERGENCY COMMUNICATION REQUIREMENTS	EMERGENCIES ARE INDICATED VERBALLY BY SUPERVISOR ON SITE TO INDICATE EVACUATION INITIATION	

FIRST AID	<p>First Aid Supplies are located at:</p> <ul style="list-style-type: none"> • First Aid kit type: NO. 2 FIRST AID KIT Location: LOCATED IN SCALEHOUSE • EYE WASH STATION Location: LOCATED IN SCALEHOUSE <p>First Aiders are:</p> <ul style="list-style-type: none"> • Name: WARREN WOHLGEMUTH Location: SITE SUPERVISOR <p>Shift or hours of work: ALL WORK HOURS</p> <p>Transportation for ill or injured workers is by WARREN WOHLGEMUTH</p> <p style="text-align: center;">Call 780-512-3727</p>
MATERIAL SAFETY DATA SHEETS (MSDS)	Safety Data Sheets are located in the APPENDICES OF THE HEALTH & SAFETY MANUAL, LOCATED IN SCALE HOUSE. EACH WORKER HAS ACCESS TO SAFETY PROGRAM @ SAFTEY.GLACIERROCK.CA
DESIGNATED RESCUE AND EVACUATION WORKERS	<p>The following workers are trained in rescue and evacuation:</p> <ul style="list-style-type: none"> • Name: WARREN WOHLGEMUTH, DESIGNATED FIRST AIDER Location: WORKSITE SUPERVISOR
PROCEDURES FOR RESCUE AND EVACUATION	<p>In case of (type of emergency/evacuation):</p> <p>EVACUATE AND DIRECT ALL WORKERS AND VISITORS TO THE MUSTER LOCATION</p> <p>PERFORM HEADCOUNT FOR ALL STAFF & VISITORS</p> <p>ASSIST ILL OR INJURED TO MUSTER LOCATION</p> <p>PROVIDE FIRST AID TO INJURED PERSONS AS REQUIRED</p> <p>CALL 911 FOR FIRE AMBULANCE OR POLICE AS REQUIRED</p> <p>REPORT INCIDENT TO RELEVANT AUTHORITIES</p>

Updated on: July 5 2023

Signed: 

Monty Cissell, President
July 5, 2023

Emergency Response Plan (ERP) Template

Company Name: _____

Location: _____

<p>POTENTIAL EMERGENCIES (Based on Hazard Assessment)</p>	<p>The following are identified potential emergencies:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>EMERGENCY PROCEDURES</p>	<p>In the event of an emergency (type or general) _____</p> <p>_____ occurring within or affecting the work site, the (designated person) _____ makes the following decisions and ensures the appropriate key steps are taken:</p> <ul style="list-style-type: none"> • _____ • _____
<p>LOCATION OF EMERGENCY EQUIPMENT</p>	<p>Emergency equipment is located at:</p> <ul style="list-style-type: none"> • Fire Alarm: _____ • Fire Extinguisher: _____ • Fire Hose: _____ • Panic Alarm Button: _____ • Other: _____
<p>WORKERS TRAINED IN THE USE OF EMERGENCY EQUIPMENT (List of names of workers trained and equipment trained on)</p>	<p>5. _____</p> <p>6. _____</p> <p>7. _____</p> <p>8. _____</p>

EMERGENCY RESPONSE TRAINING REQUIREMENTS	Type of Training	Frequency
LOCATION AND USE OF EMERGENCY FACILITIES	<p>The nearest emergency services are located:</p> <ul style="list-style-type: none"> • Fire Station: _____ • Ambulance: _____ • Police: _____ • Hospital: _____ • Other: _____ 	

FIRE PROTECTION REQUIREMENTS	<ul style="list-style-type: none"> • _____ are located _____ _____
ALARM AND EMERGENCY COMMUNICATION REQUIREMENTS	<ul style="list-style-type: none"> • _____ _____ _____
FIRST AID	<p>First Aid Supplies are located at:</p> <ul style="list-style-type: none"> • First Aid kit type: _____ Location: _____ • Other: _____



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	<p>First Aiders are:</p> <ul style="list-style-type: none"> • Name: _____ <li style="padding-left: 20px;">Location: _____ <li style="padding-left: 20px;">Shift or hours of work: _____ <p>Transportation for ill or injured workers is by _____</p> <p>Call _____</p>
MATERIAL SAFETY DATA SHEETS (MSDS)	<p>Material Safety Data Sheets are located:</p> <p>_____</p> <p>_____</p> <p>_____</p>
DESIGNATED RESCUE AND EVACUATION WORKERS	<p>The following workers are trained in rescue and evacuation:</p> <ul style="list-style-type: none"> • Name: _____ Location: _____ • Name: _____ Location: _____ • Name: _____ Location: _____ • Name: _____ Location: _____

Evacuation Plan

In the event of an emergency that requires evacuation, all employees, customers, visitors and contractors must immediately leave the work area and report to the Muster Point. The main office evacuation meeting point is, (office) at the muster point outlined in the Wild West yard. The Glacier Rock pit scale house is the muster location. Other field sites, are as directed by the site superintendent or area supervisor. All worksites shall ensure a Site Emergency Contact has been designated. In the event of an alarm or announcement of evacuation:

The Site Emergency Contact Shall:

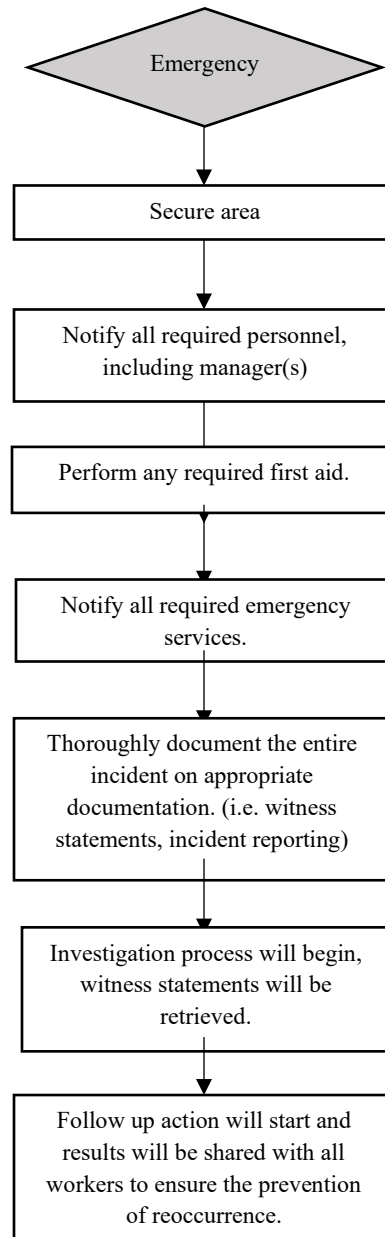
1. Report to the pre-determined muster point.
2. Account for all personnel.
3. Contact Authorities, if required.
4. Organize the response plan.

The Employees Shall:

1. Advise all visitors, customers and contractors of alarm, if possible.
2. Shut down operating equipment and/or processes, if possible.
3. Report to the road in front of the office, (field sites) – As directed by the site superintendent or area supervisor.

No person shall be allowed to return to his or her respective work areas until an “all- clear” has been given by the Supervisor or Manager.

Emergency Reporting Communication Procedure



Emergency Response Plan Effectiveness

The company will monitor conducted emergency response drills and actual responses to emergency to review the effectiveness of the Emergency Response Plan on a on-going basis.

11.2 Worker Training and Practice Exercises/Drills

All employees will receive an orientation in their first week of hiring. All training records will be filed in an employee file by the Safety Coordinator or Operations Manager. Annual ERP drills will be conducted to ensure awareness and competency of all company staff.

Exercises/Drills will be conducted at least once every (12) months. These exercises will be scenarios that are both relevant, realistic and based on current activities. Emergency drills may involve workers during a safety meeting or may be discussed in a group through a table talk scenario.

Each exercise will be reviewed upon completion for the effectiveness of a planned response.

Emergency Scenarios

Collision or Vehicle Accident

If you are involved in a collision or vehicle accident, DO THE FOLLOWING:

1. STOP! Failure to stop is a criminal offence.
2. Notify emergency services – if required.
3. Ensure your safety and safety of others.
4. Provide first aid if required.
5. Notify your company or the contracting company.
6. Do not discuss the accident, except with police officers or a company representative.
7. Do not leave your cargo unattended.
8. Do not move any of the vehicles involved until the police arrive.
9. Complete the vehicle collision checklist found in the console of each company vehicle, if there is no checklist available, please obtain the following information:
 - Drivers full name, address including city, province and postal code, phone number, vehicle registration number, license number, insurance provider, policy number and driver's license number.
 - **Note: If more than one vehicle is involved, please obtain the same information from each operator of each vehicle involved.**
 - Any witnesses that are present, please obtain their full name, address including city, province and postal code, telephone number and age.

- Ensure you have the names, addresses including city, province and postal code(s) of all the occupants in your vehicle. Please be sure to document if they were injured or not and if so, what medical facility they were taken to and by who. If occupants were in the other vehicle(s) involved, please specify the above as well.
- Obtain all information regarding the accident including the date, time, and location, direction in which you were headed and what speed you were going. The direction of the other vehicle(s) and what speed they were going, the road conditions, weather conditions and your vehicle damage. If a police report was made, please specify by whom and what officer was involved.
- A description of how the accident occurred is required, please be as detailed as possible.
- If possible, drawing a sketch or providing photos of each vehicle would be beneficial.

NOTE: If the accident was involving a pedestrian, please obtain the following information:

1. Was the pedestrian crossing at an intersection?
2. Was it against a crossing signal?
3. Were they walking along the road or crossing a roadway?
4. Were they coming from behind a parked vehicle or object?
5. Please include a detailed report of what happened.

Management Responsibilities:

If you are involved in an accident while transporting dangerous goods, the company must file a report with the Federal Ministry of Transport Canada, Dangerous Goods Directorate.

Contact with Overhead Power Lines

Emergency procedures for hit and blowing/leaking natural gas pipelines

1. Clear all people from the vicinity of the natural gas leak.
2. Shut-off or extinguish any source of ignition including equipment and vehicles, communication equipment including cell phones, cigarettes and/or open flames.
3. Contact ATCO Gas for help. ATCO Gas emergency 1-800-511-3447
4. Remain a safe distance away from the leak while you wait for assistance. Do not attempt to repair the leak. Allow the natural gas to vent into the atmosphere. (Attempting to repair the leak yourself can result in property damage and serious injury to yourself and others.)

Natural gas fires

1. Clear all people from the vicinity of the fire.
2. Dial 911
3. Stay a safe distance away from the fire while you wait for the fire department. Do not attempt to extinguish natural gas fires! Beware of static electricity (Static electricity is a stationary electrical charge on an object

generated by friction.) Static electricity in the pipe or in your clothes can be a source of ignition around natural gas facilities. An accumulation of static electricity can cause a spark.

Hitting fibre optic lines or telephone lines:

1. Call the appropriate utility company and report the damage.
2. Select the “calling to report a damage” option.
3. Provide the exact municipal address and nearest intersection, phone number of an affected customer. The locate request number for excavation is also required.
4. NEVER bury the damaged network no matter how minor the damage may appear.
5. NEVER leave the excavation open to the public. Place barricades and protective plates as required.
6. Do not handle the damaged cable.

Hitting underground power line

1. Break the contact if you can. Drive at least 10 metres away.
2. Stay put and keep others 10 metres back.
3. Call 911 for help.
4. If you must exit your equipment or vehicle, JUMP. Then shuffle or hop with your feet together. Don't step!
5. Don't touch the machine and the ground at the same time

Contact with Underground Utilities

1. Clear all people from the vicinity of the
2. Stay put and keep others 10 meters back.
3. Call 911 for help
4. If you must exit your equipment or vehicle, JUMP. Then shuffle or hop with your feet together. Don't step!
5. Do NOT touch the machine and the ground at the same time.

Failure while Hoisting Loads

1. Assess immediate dangers
2. If safe to do so, secure the equipment to prevent further damage
3. Free person in danger if safe to do so
4. Call 911 if person is hurt
5. Stay with person until help arrives and administer first aid
6. Barricade the area to prevent entry and preserve the site for investigation
7. Notify management

Fatality or Serious Injury

8. Suspend operations.
9. Administer first aid.

10. Call for Ambulance.
11. Contact RCMP (if a fatal injury is sustained).
12. Contact your manager as soon as time permits.
13. Conduct a Witness Statement.
14. Fill out the Report of Injury.

Unless otherwise directed by an Occupational Health and Safety Officer or an RCMP officer the scene of an accident shall not be disturbed except insofar as is necessary in:

- A. Attending to those persons injured or killed.
- B. Preventing further injuries and eliminating hazards.
- C. Protecting property which is endangered as a result of the accident.

Management Responsibilities:

Occupational Health and Safety must be notified regarding the fatality or serious injury.

NOTE: President & Managing Directors will be the individuals contacting any other services/media in the event of a fatality or serious injury. If any questions or concerns on who to contact arise, please contact your Operations Manager(s).

Major Equipment Damage or Loss

“Major Equipment Damage” includes near misses that have the potential of causing major damage, injury or death. Where company property has been damaged or lost or where revenue from property has been lost, evidence will need to be maintained in an undisturbed state until the company appointed insurance adjuster or government agencies involved have given permission to resume operations.

1. Suspend operations.
2. Ensure all personnel are accounted for and out of danger.
3. Fill out the Near Miss/Incident/Accident Form

President & Managing Directors will perform Injury Investigation Reports, notify the Government Agencies (WCB, Workplace Health and Safety) if required and notify the contracting company’s safety representative if required.

Note: *Depending on the circumstances and operation in process, if the incident has the potential of causing death or serious injury, operations must cease.*

Fire Incidents

1. Remain Calm.
2. Ensure all personnel are accounted for and out of danger. Notify supervisor when safe to do so.
3. If the fire is minor, activate extinguishing facilities. Do not jeopardize personal safety.
 - a. fire extinguisher on equipment, in service trucks, in shop, scale house

- b. Use of dirt, snow or nearby water if available for equipment other worksite fires
4. If the fire is major, call nearest fire department or fire control team.
5. Do not allow the fire to come between you and the exit.
6. Take reasonable steps to minimize loss of equipment. Disconnect electrical equipment or open caps on equipment if it is on fire and only if it is safe to do so.
7. Secure and isolate the area.
8. Do not break windows.
9. Do not open a hot door (before opening a door, touch it near the top. If it is hot or if smoke is visible, do not open).
10. Do not use elevators.
11. Do not attempt to save possessions.
12. Go directly to the muster area.
13. Do not return to the affected area until told to by appropriate authorities.

Management Responsibilities:

- Notify government agencies (Workplace Health and Safety).
- Conduct investigation and develop incident report.

Note: All vehicles will be equipped with fire extinguishers and extinguishers will be supplied at all locations. Employees are to know where they are at all times. At the time of hire, workers are expected to read over and review the emergency response plans with the HSE Coordinator or manager before starting their positions.

H₂S and Hydrocarbon Emergency Response Procedure

Hydrogen Sulfide (H₂S) and Hydrocarbons (HC) are killers!

All workers should be trained with basic understanding of proper work habits and safety precautions with these two gases. The following is basic information and safety guidelines for working where these gases may be present:

- H₂S is a colorless gas. It has a distinct rotten egg smell.
- At low concentrations, it will impair your sense of smell.
- DO NOT rely on your nose to detect H₂S!
- H₂S is heavier than air, meaning it will settle in low-lying areas.
- H₂S is released when its resting place is stirred or agitated, depressurized or headed.

The following procedures should be implemented in addition to the Standard Emergency Response Procedure:

1. Shutdown any running machinery and abandon it.

2. Since H₂S is a heavy gas, the best route to escape is upwind and uphill.
3. Warn other workers to evacuate the area and locate the proper PPE.
4. Notify the job supervisor and management. Be exact about the location, making sure that no workers enter the area.
5. If there are any victims of gas, DO NOT ATTEMPT A RESCUE until the proper SCBA (Self Contained Breathing Apparatus) has been employed.
6. Do not provide first aid until the victim has been moved to a clean air environment.
7. Seek medical aid as soon as possible.

Explosion

1. Fall to the floor and take immediate cover under tables, desks or any object that provides protection from flying debris. Protect your face and head with your arms.
2. After the effects of the explosion have subsided, check exits or stairways prior to evacuating the building.
3. Operate the nearest manual fire alarm station and telephone the fire department or 911.
4. DO NOT return to the building until the "All Clear" signal is given.

Dangerous Goods Occurrence

A Dangerous Goods Occurrence is the discharge or emission of:

Class 1 – Explosives. Any quantity that could:

- Could pose a danger to public safety or 50kg; or;
- Is included in Class 1.1, 1.2, 1.3 or 1.5 and is;
- Not subject to special provision 85 or 86 but exceeds 10 kg net explosives quantity; or
- Subject to special provision 85 or 86 and the number of articles exceeds 100.

Class 2 – Gases: Any quantity that could pose a danger to public safety or any sustained release of 10 minutes or more.

Class 3 – Flammable Liquids: A quantity of 200L or more.

Class 4 – Flammable Solids: A quantity of 25 kg or more.

Class 5 – Oxidizing Substances:

- Any quantity over 50 kg or 50 L.
- Any quantity over 1 kg or 1 L.

Class 6 – Toxic and Infectious Substances:

- Any quantity over 5 kg or 5 L.
- Any quantity.

Class 7 – Radioactive Material:

- Any quantity that could pose a danger to public safety;
- or an emission level greater than the level established in Section 20 of the Packaging and Transport of Nuclear Substances Regulations.

Class 8 – Corrosives: Any quantity over 5 kg or 5 L.

Class 9 – Miscellaneous Dangerous Goods: Any quantity over 25 kg or 25 L.

The person or driver in charge of the dangerous goods at the time of the occurrence must make an immediate report to:

- The police.
- The employer.
- The owner or lessee of the vehicle.
- The owner or consignor of the dangerous goods.

Note: Please specify the same information as outlined in 10.6.1

Leaking Gases or Liquids

1. STOP – turn off all equipment.
2. Call 911 for emergency and rescue (fire/emergency backup)
3. Know the location of all extinguishers and how to use them
4. Protect yourself first, then others. Try to contain the blaze with a fire extinguisher or shut off leaking gases or liquids.
5. Evacuate the building if the fire cannot be put out, or gases or liquids cannot be contained.
6. Know where each of the exits are and be sure they are not locked or blocked off.
7. Do a count of the personnel to ensure everyone is accounted for. If the head count is short and you need to rescue victims:
 - i. Keep upwind of hazardous goods, spills, leaks, fires, etc.
 - ii. The proper designated searchers must put on their SCBA equipment.
 - iii. The search will be done by a minimum of two people.
 - iv. The searchers will begin at the most likely place for a man to go down.
 - v. The searchers will remain a minimum of 10 feet apart with the second man carrying the stretcher.
 - vi. When the man down has been located, the searchers shall remove the man in the safest and quickest fashion to a clean breathing area.
 - vii. The searchers will begin resuscitation procedures as soon as possible.

Note: Keep out of low areas. Do not feel compelled to control the hazard. Use your observation and hearing skills to detect hazards, hissing sounds of gases, leaking fluids, flames, smoke, steam, warning placards, downed wires, etc.

Spills

When possibilities of spills are present spill kits will be supplied, and will be assessed periodically to ensure adequate spill response supplies. Employees will be trained in spill prevention and response procedures.

When encountering a spill of any nature, it is the employee's responsibility to:

1. Warn others in the immediate area that a spill has occurred.
2. Designate a fellow employee to guard the area.
3. Inform the supervisor.

It is the supervisor's responsibility to:

1. Reassign employees to other areas or evacuate if necessary using the following guidelines:
 - Unless immediate evacuation is essential, decide whether or not to evacuate the building/area.
 - Evacuate according to the site specific Emergency Evacuation Procedures.

- Move crosswind or upwind, NEVER downwind to avoid toxic gases and vapors.
 - Render first aid if necessary.
2. Cordon off the immediate area.
 3. Attempt to identify the spilled substance.
 4. If the spill is considered a reportable emergency, phone authorities listed for cleanup and disposal procedures.
 5. Keep all employees informed of steps taken.
 6. Provide a written incident report to management and spill report.

Spill Report

SPILL:						
Location:		Field:		Date:		
Leak Details:						
Date of leak:		Date discovered :		Reported by :		
Loc.	LSD	SEC	TWP	R	W	Operator
Source of fluid spilled			Status of Source			
Type of fluid spilled						
	OIL	WATER	CONDENSATE	CHEMICAL		
Total fluid spilled	M3	M3	M3	M3		
Total fluid recovered	M3	M3	M3	M3		
Type of land affected	Size of land affected		Percentage on lease		Percentage off lease	
Details of spill cleanup:						
DIAGRAM OF SPILL SITE (indicate North and scale of drawing)						
REPAIRS:				Date of Repairs:		
Remarks:				Costs:		
				Clean up recovery	Estimate	Actual
				Product		
				Other		
Corrective action:				Date:		By Whom:

(If more space needed, use back of sheet)

Man Down

1. In the event of an emergency or unexpected gas is found at surface, all personnel on location should gather at the designated muster point.
2. All equipment should be turned off.
3. When all personnel on location are at the designated muster point, a head count must be taken. A designated person on location will be responsible for the head count.
4. If the head count is short, the designated searchers must put on their SCBA (Self Contained Breathing Apparatus). The search will be done by a minimum number of two people and the search will begin at the most likely place for a man to go down. The searchers will remain a minimum of 10 feet apart with the second man carrying the stretcher.
5. When the man down has been located, the searchers shall remove the man in the safest and quickest fashion to a clean breathing area.
6. The searchers will begin resuscitation procedures as soon as possible.
7. Emergency Personnel (fire, ambulance, hospital) shall be notified and the man down will be prepared for transport to the nearest hospital.

Trench Collapse

1. Stay calm.
2. Take charge of the job site until a trained team, headed by an “Incident Commander” (the term often used by firefighters and rescue/recovery teams), arrives.
3. Safely get everyone who is not trapped out of the trench. Account for all workers.
4. Call 911 and report the cave-in. If the construction site is difficult to find, designate someone to meet the trained rescuers at a readily identifiable address or landmark, and direct them to the cave-in location.
5. Keep everyone who is not directly involved in the rescue/recovery at least 100 feet from the trench or excavation.
6. Shut down all equipment, except pumps that are being used to remove water in the immediate vicinity of the cave-in.
7. Stop or reroute traffic that might create vibrations and cause a secondary cave-in.
8. Do not attempt to dig the victim out with a backhoe or excavator. Such equipment may further injure the victim.
9. Do not remove the victim’s tools or equipment. They can be helpful in locating the victim.

Management Responsibilities - Obtain the following information:

- I. Number of workers trapped
- II. Where the victim(s) was last seen
- III. The time the cave-in occurred
- IV. The depth of the trench
- V. The soil type
- VI. An estimate of how much soil has collapsed on the victim
- VII. The presence of any potentially harmful atmospheres
- VIII. The location and condition of all underground utilities

Working Alone or in Isolation Emergency Procedures

If a worker fails to report (communicate with) to the Area Supervisor, Operations Manager or designate at the pre-arranged intervals the following procedures are effective immediately:

1. The Area Supervisor, Operations Manager or designate will review to confirm destination and pre-arranged check-in intervals and method of communication.
2. The Supervisor, Program Administrator or designate must be dispatched to the workers last known location (given at the last check-in interval).
3. If the worker cannot be located, an official search will be launched based on the consultation of the Area Supervisor, Operations Manager, the designate and the RCMP.

4. In addition to the official search, at least 2 other workers with approved rescue equipment will be assembled.
5. The search team will then be dispatched to the last known location of the missing worker.
6. If the worker was known to be traveling in a vehicle and that vehicle cannot be located, the RCMP must be notified immediately.
7. If the worker(s) was last seen at the work site, a pre-formulated grid search using all team members will be conducted.
8. If the efforts of the Company assigned search team fail to locate the worker within a reasonable time frame, the RCMP and Search and Rescue must be contacted immediately with those results.
9. If the missing worker is located and has sustained injuries or other misfortune, contact the Emergency Medical System (911) in the area and follow the emergency response procedure until help arrives. If the misfortune is of a mechanical or equipment failure report to the Supervisor, the Program Administrator or the designate immediately for further instruction.

At this time it is imperative that search and rescue and the RCMP be notified of the results if it is the company assigned search team that finds the worker.

All workers that are working alone are to follow policy regarding check-ins and communication

Natural Disasters

Severe Thunder/Lightning Storm

- Tops of buildings, high lines, high trees, vessels or crane operations should be avoided.
- Any open bodies of water should be avoided.
- All heavy equipment operations should be avoided.
- All vehicles should refrain from travel, workers traveling should pull off the road and initiate their 4-way flashers until the storm has passed.

Tornado

- Equipment operations must be suspended. Any suspended loads must be lowered.
- Below grade shelter should be found. (Staying in a structure is recommended but exterior windows and doors should be avoided)
- **Note:** if staying in a wellsite, do not take shelter inside the shack.
- All equipment should be left and shelter should be taken.
- If shelter is not available, workers should find low ground in a ditch and lie down while protecting their head.

Blizzard

- Always be checking weather conditions.

- Exposure to cold should be avoided.
- Proper clothing should be worn for weather conditions (i.e. winter jacket, gloves, hat, footwear)
- In extreme conditions, workers should work in pairs and conduct on-going checks.
- If traveling is required, workers should avoid traveling alone and check in once arrived at destination.

Flooding

- Always be checking weather conditions.
- Only required equipment should be used in order to do immediate job tasks.
- Workers should identify high ground safety areas and evacuation routes.
- Emergency equipment must be on hand.
- Workers should be ready to evacuate on short notice.
- All travel should be avoided, if traveling is required, avoid all flooded areas.

Forest Fire

- If time permits any equipment and fuel sources should be removed from the site.
- All workers shall remove themselves from the site.
- If possible, wetting the work area down or providing fire barriers could be beneficial, if conditions allow.
- Have emergency supplies in the vehicle (e.g. shovel, tow rope, flashlight, flares, blanket, extra gloves, winter headgear, etc.)
- Travel by daylight and use major highways, when possible.
- If you become stranded on the road and if there is no house or other source of help in sight, do not leave the vehicle to search for assistance. It is very easy to become disoriented and lost during smoky conditions.



Emergency Drill Summary Form

Date of Drill: _____	Location: _____
Time of Drill: _____	Form Completed by: _____
Type of Exercise Drill:	
<input type="checkbox"/> Fire Drill	<input type="checkbox"/> Accident/Incident: _____
<input type="checkbox"/> Natural Disaster Drill	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Injury/Illness Drill	<input type="checkbox"/> Tabletop Exercise of: _____
<input type="checkbox"/> Spill	

Scenario of Emergency Drill Conducted:
Summary of Completed Drill (i.e. what worked well, what needs improvement, etc.):
Follow-up Action Required: Yes / No
Those in Attendance:

11.3 Emergency Contact List

Mailing Address: Box 183, Bezanson, Alberta, T0H 0G0

Business Phone: (780) 897-7880

Monty Cissell – President

780-897-7880 monty@wildwestventures.ca monty@glacierrock.ca

Warren Wohlgemuth – Vice President Glacier Rock Resources

780-512-3727 warren@glacierrock.ca

Katherine Cissell – Office Controller & Safety Manager

780-832-8033 kat@wildwestventures.ca kat@glacierrock.ca

Julie Radomske – Safety Supervisor

780-512-9226. julie@wildwestdirtworks.ca

In the event that one of the primary emergency contacts cannot be reached, please continue contacting any of the other designated emergency contacts provided.

Primary Emergency Services	
Ambulance	911
Fire Department	911
Police	911
Grande Prairie Regional Hospital	825-412-4000
Alberta Human Resources & Employment	
Workplace Health and Safety (OH&S)	1-866-415-8690
Workers' Compensation Board	1-866-992-9221
WorkSafe B.C.	1-888-967-5377
Poison Centre	1-800-222-1222
Alberta One Call	1-800-668-3447
Atco Electric (24 hr. Emergency Response)	1-800-668-5506
ATCO Gas (24 hr. Emergency Response)	1-800-551-3447

Emergency Contacts - Alberta

Alberta Boiler Safety Association	Week Days	1-780-437-9100
Alberta Environment & Sustainable Resource	24 Hours (Toll Free)	1-800-222-6514
Alberta One Call	24 Hours (Toll-Free)	1-800-242-3447
ATCO Electric (Emergency)	24 Hours (Toll-Free)	1-800-668-5506
ATCO Gas (Emergency)	24 Hours (Toll-Free)	1-800-511-3447
Dangerous Goods Incident	24 Hours (Toll-Free)	1-800-272-9600
Disaster Services Agency	24 Hours (Toll-Free)	1-800-272-9600
Environmental Complaint / Emergency	24 Hours (Toll-Free)	1-800-222-6514
Forest Fires (Land & Forest Service)	24 Hours (Call Collect)	1-780-427-3473
Industrial Accidents (Notification of Fatality or Serious Injury)		
Workplace Health & Safety - Grande Prairie	24 Hours (Call Collect)	1-780-538-5249
Workplace Health & Safety - Edmonton	24 Hours (Call Collect)	1-780-427-8848
Workplace Health & Safety - Red Deer	24 Hours (Call Collect)	1-403-340-5170
Workplace Health & Safety – All areas	24 Hours (Call Collect)	1-866-415-8690
Occupational Health & Safety	(Toll Free)	1-866-415-8690
Oil & Gas Field Emergencies		
Energy Resources Conservation Board	(Toll Free)	1-855-297-8311
Poison Centre	24 Hours (Toll-Free)	1-800-332-1414
Stars Link Command	1-888-888-4567	Cellular *4567
Worker's Compensation Board	Toll Free, Alberta	1-866-661-1993

Alberta Emergency Numbers by Location

	Police Dispatch	Police Emergency	Fire	Ambulance	Hospital	Medical Aid
Assumption	780-321-3753	780-321-3753	780-926-7433	780-321-3971	High Level	---
Beaverlodge	780-354-2485	911	911	911	780-354-2136	---
Drayton Valley	780-542-4456	911	911	911	780-542-5321	---
Edson	780-723-8800	911	911	911	780-723-3331	---
Fairview	780-835-2211	911	911	911	780-835-6100	---
Fort Vermilion	780-927-3255	911	911	911	780-927-3761	---
Fox Creek	780-622-3740	911	911	911	780-622-3545	---
Grande Cache	780-827-2222	911	911	911	780-827-3701	---
Grande Prairie	780-538-5700	911	911	911	825-412-4000	---
Grimshaw	780-332-4666	911	911	911	780-332-6500	---
High Level	780-926-2226	911	911	911	780-926-3791	---
High Prairie	780-523-3378	911	911	911	780-523-6440	---
Hinton	780-865-5544	911	911	911	780-865-3333	---
Manning	780-836-3769	911	911	911	780-836-3391	---
McLennan	780-324-3061	911	911	911	780-324-3730	---
Peace River	780-624-6611	911	911	911	780-624-7500	---
Rainbow Lake	780-965-3230	911	911	911	---	780-956-3646
Red Earth	780-649-3990	780-649-3990	780-649-3473	780-649-2222	High Prairie/Slave Lake	---
Rocky Mountain House	403-845-2881	911	911	911	403-845-3347	---
Slave Lake	780-849-3045	911	911	911	780-849-3732	---
Spirit River	780-864-3533	911	911	911	780-864-3993	---
Swan Hills	780-333-4459	780-333-4459	780-333-2255	780-333-2255	780-333-7000	---
Valleyview	780-524-3343	911	911	911	780-524-3356	---
Wabasca	780-891-3765	780-891-3765	780-891-3611	780-891-2911	780-891-3007	---
Whitecourt	780-778-5454	780-778-5454	780-778-2311	780-778-4911	780-778-2285	---
Zama	780-683-2085	911	911	911	High Level	780-683-2220

