

23.0 EMERGENCY RESPONSE PLAN



CJK Milling Company, LLC

P.O Box 620490
Littleton, Colorado 80162-0490
GKnippa@msn.com

EMERGENCY RESPONSE PLAN

M1990-057

(REV 1)

Prepared for:



Colorado Division of Reclamation Mining & Safety

1001 E 62nd Avenue
Room 215
Denver, CO 80216
Phone 303.886.3567

Prepared by:

Union Milling Contractors, LLC

P.O Box 620490
Littleton, Colorado 80162-0490
sccraig@unionmilling.com

JANUARY 2024

TABLE OF CONTENTS

TABLE OF CONTENTS.....	I
LIST OF TABLES	II
1.0 EMERGENCY RESPONSE PLAN	1
1.1 INFORMATION CONTACTS & VERIFICATION OF PLAN.....	1
1.2 GENERAL DESCRIPTION	2
1.3 EMERGENCY CONTACT LIST	3
1.4 EMERGENCY MANAGEMENT PROCEDURES	3
1.5 ON-SITE EMERGENCY RESPONSE EQUIPMENT.....	5
1.6 MILL EMERGENCY NOTIFICATION PLAN.....	5
1.6.1 COMMAND CENTER.....	5
1.6.2 UMC EMERGENCY INFORMATION CONTACTS.....	5
1.7 FIRE PREVENTION & PROTECTION PLAN	6
1.7.1 PURPOSE	6
1.7.2 SCOPE	6
1.7.3 TRAINING	6
1.7.4 INSPECTION & MAINTENANCE.....	6
1.7.5 FIRE PREVENTION.....	7
1.7.6 CHEMICALS OF CONCERN	8
1.8 ANNUAL TRAINING PROCEDURES	8

1.0 EMERGENCY RESPONSE PLAN

By nature, each emergency is different. No single set of procedures can apply uniformly to all emergencies. This set of procedures is intended to initiate emergency response appropriate to a broad category of emergencies. Each person onsite is expected to rely on training and experience to handle an emergency situation appropriately.

Union Milling Contractors (UMC) will notify CDRMS (Section 8.1, CDRMS Code) immediately of knowledge of imminent failure of the impoundment or slope (or release of designated chemicals or process fluids, outside of secondary containment.

In case of emergency:

- **CDRMS** will be contacted notified:
 - Monday-Friday, 8:00am to 5:00pm
 - 303-866-3567.
- **Lake County** -Emergency Management Department will be notified:
 - 24-hors/day, 7 days/week
 - 719-486-1249 .
- **Alternate Contact**
 - Office of Emergency Management 303-692-2954
 - Emergency Management Department lcem@lakecountyem.org

1.1 INFORMATION CONTACTS & VERIFICATION OF PLAN

For further information about the Emergency Response and Management Plan, evacuation, response to emergency events, or other information regarding area/ facility emergencies contact:

Name	Title	Telephone
Steve Craig	General Manager	303-877-9701
Nicholas Michael	Member	303.947.3499

The Emergency Response and Management Plan is reviewed annually with all employees.

Name of Facility:	Leadville Mill
Date of Plan Development:	January 2024
Date of Last Review for Plan Accuracy:	January 2024
Date of Last Revision:	January 2024
General Manager:	Steve Craig

1.2 GENERAL DESCRIPTION

FACILITY PERSONNEL RESPONSIBILITIES:

Emergency management responsibility rests with mill operator or its designated represented employee on site Responsibilities include managing the following emergency activities:

In the event of a structural failure, chemical spill, or accident the following is conducted.

1. Notify the federal, state and Lake County emergency response agencies of the accident details:
2. Location of occurrence.
3. Nature of Emergency Condition.
4. Quantity of Chemicals involved
5. Date & Time.
6. Description of Potential impacts to human health and the environment.
7. Precautions and corrective actions taken.
8. Telephone number and name of person for additional information.
9. Prepare and file a formal report addressing the following:
 - i. Spill/accident details.
 - ii. Corrective action to mitigate current and future similar spills or accidents,
 - iii. Known or anticipated adverse human health or environmental impacts

1.3 EMERGENCY CONTACT LIST

Agency	Name	Address	Telephone
CDRMS	Environmental Specialist	1313 Sherman Street Denver, CO 80203	303.866.3567
District MSHA Office	District Mgr.	Federal Center 6 th & Kipling 2 nd Street, Building 25 #18 Denver, CO	303.231.5465
Lake County Emergency Response	Director	505 Harrison Ave Leadville, CO 80461	719.486.1249
Office of Emergency Preparedness and Response	Dispatcher	505 Harrison Ave Leadville, CO 80461	877.518.5608
Sherriff's Office	Dispatcher	505 Harrison Ave Leadville, CO 80461	719-486-1249
Medical Personnel and Other Emergency Vehicles	To be determined as necessary		
Hospital	St Vincent's	822 W 4 th Street Leadville, CO 80461	719-486-0230
Ambulance	Dispatcher	822 W 4 th Street Leadville, CO 80461	719-746-7144
Fire Station	Dispatcher	816 Harrison Ave Leadville, CO 80461	719-486-2990

1.4 EMERGENCY MANAGEMENT PROCEDURES

EMERGENCY ASSESSMENT CRITERIA:

- **Level 1: Injured employee (Minor)**
 - Requires first aid treatment only; no mill evacuation necessary,
- **Level 2: Injured employee(s) (Serious)**
 - Requires emergency transport to local hospital, no Mill evacuation necessary.
- **Level 3: Mill evacuation, no injuries**
 - No injuries: ventilation disabled no fire threatening safety occurring to require mill evacuation.
- **Level 4: Mill evacuation, injured employee(s)**
 - Requires emergency transport to local hospital, mill evacuation necessary.
- **Level 5: Rescue**
 - Life-threatening situation requiring rescue teams.

EMERGENCY RESPONSE COMMUNICATION PROCEDURES:

Level 1

Mill phones will be used to alert personnel of the situation, the necessary first aid treatment required, and the assistance and resources needed to transport injured person. Personnel will contact 911, if necessary.

Level 2

Mill phones will be used to alert surface personnel similar to Level 1. Surface persons receiving alert will call 911 and notify dispatch that emergency transport is required. A designated employee will be dispatched to dispense traffic cones at appropriate site entrance and to alert emergency response team of fastest route.

Level 3

Mill phones will be used to notify all personnel that the mill is to be evacuated. The highest-ranking person will be notified and will determine the need to contact outside assistance.

Level 4

Procedure will be followed as like Levels 2 & 3.

Level 5

Procedure will be followed as similar to like Levels 2 & 3, and notify Emergency Contact Index agencies.

1. Emergency Response and Access:

Based on the Emergency Response Level determination, transportation of injured personnel may be conducted by any of the following means:

Ground transportation to County Road to meet emergency response vehicles.

2. Emergency Response to Fire/Chemicals:

In the event of a fire, dry chemical fire extinguishers are used as the first measure of containment, and the local fire department will be notified immediately.

Should the need arise for emergency vehicles onsite; a ground guide are dispatched to meet said vehicles at the Mill office. Access to the site is shown on the Emergency Plan. A considered emergency spill or release more than reportable quantities as defined by 40 CFR 261.2.

In the event of a forest fire, evacuations occur using the safest route.

1.5 ON-SITE EMERGENCY RESPONSE EQUIPMENT

On-site emergency response equipment and their locations are listed below.

Equipment	Location
Mill Safety	
First Aid Kit	Mill Building
Stretcher	Mill Building
Fire Extinguisher	
Hand Held	Mill Building & Crusher Building
Other	
Water Storage	Mill Building
Absorbent	Mill Building
Communication	Cell Phone
Telephone	VoIP & Cell Phone

1.6 MILL EMERGENCY NOTIFICATION PLAN

The emergency notification plan, under the direction of the mill manager, or their designated representative, provides first responders maps, plans, and other requested information.

1.6.1 COMMAND CENTER

A Command Center will be established at the Mill Building, where the response personal will plan and direct site activities. The Command Center contains communication equipment, connected to field personnel. In addition, it contains maps for following the progress of the teams and for making findings and figuring out strategies.

The Command Center is where all decisions are made, providing an adequate information center from which all public information is released and obtaining and distributing necessary supplies and equipment.

1.6.2 UMC EMERGENCY INFORMATION CONTACTS

The following individuals serve as Emergency Information Contacts and will coordinate, receive, and distribute information to responsible personnel:

TABLE 1-1: EMERGENCY INFORMATION CONTACTS

Title	Name	Address	Telephone Personal	Telephone Office
General Manager	Steve Craig	P.O. Box 620490 Littleton, CO 80162-0490	303.877.9701	303.877.9701
Mine Manager	Gary Slifka	PO Box 586 Leadville CO 80461	719-293-3417	719-293-3417

1.7 FIRE PREVENTION & PROTECTION PLAN

1.7.1 PURPOSE

The following provides mill employees a fire prevention and protection plan that is compliant with MSHA Title 30 CFR 57.

1.7.2 SCOPE

The Leadville Mill superintendent or his designated representative duties include:

- Implementing and supervising the program.
- Scheduling first responder training.
- Installing and maintaining chemical signage/placards.
- Installing and maintaining fire extinguishers.
- Maintain inspection and maintenance records, and
- Documenting portable fire extinguishers are inspected and maintained.

1.7.3 TRAINING

Mill personnel receive annual fire/chemical hazards and hazard safety training. Training and discussing roles responsibilities, and emergency response tasks.

1.7.4 INSPECTION & MAINTENANCE

Fire extinguishers are inspected by a third-party contractor annually

The mill manager (or his designated representative) visually locate and inspect extinguisher readiness, on a monthly schedule, readiness. Inspections are recorded and kept in the Mill's office.

1.7.5 FIRE PREVENTION

The Mill superintendent (or his designated representative) is responsible for monitoring the accumulation of flammable and combustible waste materials and residues that may contribute to fires.

- Flammable substances are those liquids, solids or gases that have flashpoints below 100°F. Some of the more common flammables are gasoline, natural gas, propane, methanol and certain paints, primers and thinners.
- Combustible substances are those liquids, solids or gases that have flashpoints greater than 100°F. Some of the more common combustibles include grasses, paper, wood, paint, certain lubricating oils and greases.

Good housekeeping and equipment maintenance are essential to keep fire hazards at a minimum. Listed below are housekeeping and maintenance requirements for controlling the supply and accumulation of flammables and combustible substances.

- Flammable liquids are stored in original or approved containers;
- Larger quantities (25 gallons or more) of flammable liquids or gases are stored in an approved container outside of the Cyanide Mix Building or inside the building in an approved fire rated storage cabinet;
- Each flammable liquid container has a bonding and grounding cable attached between it and the receiving container while liquids are being transferred or dispensed;
- Oil-soaked rags will be stored in UL approved covered metal containers;
- Scrap paper and wrapping or packing materials are removed from the work area immediately after unpacking. Waste receptacles are emptied daily and contents placed in the trash containers provided;
- Weeds and grasses are not allowed to grow or accumulate around the outside of flammable storage facilities;
- Signage shall confirm to minimize will be compliant with size standards; and
- Fire prevention signs will be posted in conspicuous locations and kept in good condition as follows:

EXIT – Posted above all exit doorways

DANGER – NO SMOKING, MATCHES OR OPEN FLAMES – Posted at entry point to fuel tanks and chemical storage containers.

DANGER – FLAMMABLE – Posted on doors of flammable storage cabinets

NO SMOKING – Posted on Mill entrance and within building

FIRE EXTINGUISHER – Signs posted or distinguished markings above each fire extinguisher

- Fire extinguishers are placed at appropriate distances through the facility;
- Insulate or protect hot surfaces that might fuel or chemical ignition sources;
- Using gasoline or condensate for cleaning agents is strictly prohibited; and
- Operations Specialists are responsible for visually inspecting heat-producing equipment and ensuring that good housekeeping and equipment maintenance are being performed to keep fire hazards to a minimum.

1.7.6 *CHEMICALS OF CONCERN*

- Material Safety Data Sheets (MSDS) Chemical data sheets, locations and quantities (See **Appendix 21-2**) and
- Placement of signs and placards.

1.8 ANNUAL TRAINING PROCEDURES

- Mill Safety Training/Refresher Course by MSHA-Certified Instructor(s);
- First Aid/CPR Certification by MSHA-Certified Instructor(s);
- Fire Extinguisher Training/Refresher, and
- First Responder Certification