



March 25, 2019

*El Paso County
2880 International Circle
Colorado Springs, CO 80910*

Hale Sand Pit – Emergency Response and Safety Plan

The proposed mining activities for the Hale Sand Pit Expansion will be accomplished using dozers, loaders, and backhoes to mine and remove the material. All standard precautionary and safety practices will be employed on site when operating the machinery. These include typical fire prevention standards including maintaining the presence of fire extinguishers on site. Site operations will not include any underground mining activities or mining activities involving explosives.

EMERGENCY RESPONSE

The site is located directly adjacent to McClelland Road with an access point located at the southwest corner of site, at the intersection of McClelland Road and Spencer Road. These roads provide egress to the south and west as well as access to highway 24 three miles to the north. From the site, the town of Peyton is approximately seven miles northwest and the town of Calhan is approximately nine miles northeast. The City of Colorado Springs is approximately sixteen miles to the east. Contacts for all three jurisdictions, as noted below, will be maintained onsite and available to operators in the event of an emergency.

In the event of an emergency, mining operators shall contact emergency services personnel by dialing 911 or via the following contact information:

- Emergency service located in Peyton is the **Peyton Fire Protection District**:
 - 13665 Railroad Street, Peyton, CO 80831
 - (719) 749-2255
- Emergency service located in Calhan is the **Calhan Fire Protection District**:
 - 725 4th Street, Calhan, CO 80808
 - (719) 347-3057
- Emergency service located in Colorado Springs is the **Colorado Springs Fire Department**:
 - 375 Printers Parkway, Colorado Springs, CO 80910
 - (719) 385-5950

If hospital services are needed, operators shall engage emergency services personnel at the above contact information for assistance and transport to the hospital. The nearest 24-hour hospital is **Saint Francis Medical Center**:

- 6001 E. Woodmen Road, Colorado Springs, CO 80923
- (719) 571-1000

For non-life threatening medical attention, operators may contact the following nearest urgent care centers located approximately eleven miles southwest of the site:

- **Falcon Urgent Care**
 - 7475 McLaughlin Road, Falcon, CO 80831
 - (719) 495-9994
- **UC Health Urgent Care – Falcon**
 - 11605 Meridian Market View #184, Falcon, CO 80831
 - (719) 364-9560

Additionally, the site operations fall under the control of MSHA and all Mining, Safety and Emergency Response Plans will meet MSHA requirements.

SAFETY - MATERIALS HANDLING AND SPILL PREVENTION

Any hazardous or potentially hazardous material that is brought onto the mining site shall be handled properly in order to reduce the potential for pollution or injury. In an effort to minimize the potential for a spill of petroleum product or hazardous materials to come in contact with human skin or stormwater runoff, the following steps shall be implemented:

- Material Safety Data Sheets (MSDS) information shall be kept on site for any and all applicable materials.
- All materials with hazardous properties (such as pesticides, petroleum products, fertilizers, detergents, construction chemicals, acids, paints, paint solvents, additives for soil stabilization, concrete, curing compounds and additives, etc.) shall be stored in a secure location, under cover and in appropriate, tightly sealed containers when not in use.
- The minimum practical quantity of all such materials shall be kept on the job site and scheduled for delivery as close to time of use as practical.
- A spill control and containment kit (containing, for example, absorbent material, acid neutralizing agent, brooms, dust pans, mops, rags, gloves, goggles, plastic and metal trash containers, etc.) shall be provided on the construction site and location(s) shown on Site Maps.
- All of the product in a container shall be used before the container is disposed of. All such containers shall be triple rinsed, with water prior to disposal. The rinse water used in these containers shall be disposed of in a manner in compliance with State and Federal regulations and shall not be allowed to mix with stormwater discharges.
- All products shall be stored in and used from the original container with the original product label and used in strict compliance with the instructions on the product label.
- The disposal of excess or used products shall be in strict compliance with instructions on the product label.

Fueling for mining is anticipated to be conducted with a fuel truck that will not be kept permanently on-site or via a fuel station in one of the nearby cities. If utilized, temporary onsite fuel tanks for mining vehicles shall meet all state and federal regulations. Tanks shall have approved spill containment with the capacity required by the applicable regulations. From NFPA 30: All tanks shall be provided with secondary containment (i.e. containment external to and separate from primary containment). Secondary containment shall be constructed of materials of sufficient thickness, density and composition so as not to be structurally weakened as a result of contact with the fuel stored and capable of containing discharged fuel for a period of time equal to or longer than the maximum anticipated time sufficient to allow recovery of discharged fuel. The tanks shall be in sound condition free of rust or other damage which might compromise containment. Fuel storage areas shall meet all Environmental Protection Agency (EPA), OSHA and other regulatory requirements for signage, fire extinguisher, etc. Hoses, valves, fittings, caps, filler nozzles and associated hardware shall be maintained in proper working condition at all times. The location of fuel tanks shall be located to minimize exposure to weather and surface water drainage features.

The Operator shall develop and implement a Materials Handling and Spill Prevention Plan (MHSP) in accordance with the EPA and State of Colorado requirements. In the event of an accidental spill,

immediate action shall be undertaken by the Operator to contain and remove the spilled material. All hazardous materials, including contaminated soil, shall be disposed of by the Operator in the manner specified by federal, state and local regulations and by the manufacturer of such products. As soon as possible, the spill shall be reported to the appropriate agencies. As required under the provisions of the Clean Water Act, any spill or discharge entering waters of the United States shall be properly reported. The Operator shall prepare a written record of any spill and associated clean-up activities of petroleum products or hazardous materials in excess of 1 gallon or reportable quantities, whichever is less.

Any spills of petroleum products or hazardous materials in excess of Reportable Quantities as defined by EPA or the state or local agency regulations, shall be immediately reported to the Colorado Department of Public Health and Environment spill reporting lines.

- CDPHE Environmental Release and Incident Reporting Line (877) 518-5608.

CONCLUSION

This emergency response and safety plan shall be maintained onsite by the operator at all times. All mining personnel shall become familiar with the practices and procedures outlined in this plan, and shall contact emergency personnel immediately upon the occurrence of any mining accident.

Sincerely,
KIMLEY-HORN AND ASSOCIATES, INC.



John Heiberger, P.E.
Project Manager / Associate