

## **Appendix B Spill Contingency Plan**

### **NEVADA ROYAL JASPER MINERAL MATERIAL QUARRY PROJECT CHURCHILL COUNTY, NEVADA**

## **SPILL CONTINGENCY PLAN**

### **OBJECTIVES**

The purpose of this Spill Contingency Plan (Plan) is as follows:

- To identify all pollutant sources that may exist within the Nevada Royal Jasper Mineral Material Quarry Project (Project).
- To identify Best Management Practices (BMPs) to prevent or reduce the quantity of potential pollutants discharged to the ground or surface water in order to minimize environmental impacts during and after the exploration project.

### **AVAILABILITY**

A copy of this Plan shall be attached to the Project's Operating Plan, along with the Material Safety Data Sheets (MSDS) of all products used onsite for equipment maintenance for the exploration program and identified BMPs. All contractors are responsible for familiarizing their personnel with the information pertaining to BMPs and spill prevention.

### **PREVENTIVE MAINTENANCE**

Good housekeeping practices will be followed onsite during the exploration project:

- An effort will be made to store only enough products required to do the job.
- All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
- Products will be kept in their original containers with the original manufacturer's label.
- Manufacturers' recommendations for proper use and disposal will be followed.
- The Project Manager will inspect daily to insure proper use and disposal of materials onsite.

The operator and any associated contractors shall have equipment preventive maintenance programs to insure that all equipment is operating under optimum conditions and all hoses and fittings are in good condition and leak free. It is the responsibility of the operator, mechanic, tool

pusher or other designee, to execute the repairs or preventive maintenance and complete any reporting required. Assignment for repair when equipment is in a remote location may be issued verbally by field supervisory personnel or company management.

## **SOURCE IDENTIFICATION**

### **Pollutants**

Potential sources of pollutants from drilling rigs, service vehicles, and other equipment includes oil, fuel, and lubricating grease. Additional sources of pollutants may include drilling fluids (mud and foam), borehole plugging materials, solvents, trash and other debris. These pollutants are not expected to come into contact with on-site soils or surface waters; however, BMPs shall be employed to prevent potential release of contaminants.

### **Construction Debris**

To minimize impacts during precipitation events, trash bins shall be regularly inspected for leaks.

### **Spill Contingency Plan** (GM-6)

Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials will include but not be limited to brooms, dust pans, mops, rags, gloves, goggles, sorbent materials, sand, sawdust, and plastic and metal trash containers specifically for this purpose.

Well-maintained equipment will be used to perform the work. In the event of oil, fuel, and lubricating grease leaks, clean-up will be conducted as soon as possible. If the leak is on pavement or a compacted surface, an oil absorbing product such as Absorb<sup>®</sup> will be applied. Once the clean-up product has absorbed the leak, it will be swept up into watertight drums or bins, and disposed of according to federal, state, or local regulations. If the leak occurs on soil, the contaminated soil will be removed and disposed of according to federal, state, or local regulations. In the event of a major spill the following actions should be taken, in addition to any federal, state, and local health and safety regulations:

1. Contain the spread or migration of the spill, using on-hand supply of erosion control structures and/or by creating dirt berms, as feasible and necessary. Also utilize the materials and equipment stored onsite to control the spill.
2. Notify the environmental or project manager immediately.
3. Within 24 hours of an identified spill, the site manager or a designated representative will notify the following local and state agencies:

BLM, Carson City Field Office  
Nevada Division of Environmental Protection

(775) 885-6000  
(775) 687-4670

In case of an emergency, relevant phone numbers are provided below:

**All Emergency calls:**

**911**

Churchill County Sherriff's Department

(775) 423-3116

Banner Churchill Community Hospital

(775) 423-7924

Ambulance (Churchill Community Hospital)

(775) 423-3151

4. This Plan will be amended to include measures to prevent this type of spill from reoccurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.

**BEST MANAGEMENT PRACTICES**

- During construction, water will be used for dust control, mixing of grout, and cleanup. Water used for dust control will be sprayed over the ground at a rate which will moisten the soil but not cause runoff.
- It is the responsibility of the contractor to define construction staging areas to minimize footprint impacts, and to prevent impacts to water courses and other sensitive areas.
- The contractor is responsible for maintaining water-tight trash containers on the project site to minimize leakage to ground surface. Contractors will be responsible for maintaining contained areas for concrete wash-out and properly disposing of concrete, if used.
- The Project supervisor shall at all times properly operate and maintain any facilities and systems of treatment and control (and related appurtenances).
- Best management practices shall be utilized and installed throughout the project for dust control and air quality; stormwater quality; vehicle and equipment maintenance and fueling; spill prevention and control; material delivery and shipping, handling, and use; and solid, liquid, and hazardous waste management. BMPs employed shall conform to best management practices adopted by governing agencies and may include the Best Management Practices Handbook by the State of Nevada Conservation Commission and the Nevada BMP Field Guide.