

# RARE EARTH

## MILL DECONTAMINATION & DEMOLITION



### Project Description

USA Environment, LP (USA) was awarded a two-phase, three million dollar contract to perform Decontamination, Decommissioning, and Demolition of the Old Mill and Flotation Plant Facilities in Mountain Pass, California.

#### Construction Tasks:

- Decommissioning
- Demolition
- Limited Decontamination
- Material Segregation
- On-site Transportation
- On-site Staging
- Handling NORM materials

#### Structures:

- Magnetic Separator Building
- Crusher facilities
- Ore Bin tanks
- Wood Conditioner tanks
- Fatty Acid tank
- Lignon-Sulphonate tanks
- Concrete slabs
- Retaining walls
- Below grade foundations



During Phase One, USA conducted decontamination of the magnetic separator building magnets and components to meet Nuclear Regulatory Commission (NRC) and State of California radiological free release criteria for normally occurring radioactive materials (NORM). USA assisted the client in locating a buyer for the recovery of \$154,000.00 from the Magnetic Separator Building components. All other demolition scrap materials were sized to manageable pieces, staged on site, segregated by category and recycled. Additionally, all resulting concrete debris was sized, loaded and transported to a designated area for storage.

Phase Two consists of the decontamination, decommissioning, demolition, on site transportation and staging of the Old Mill Building, Flotation Building, Boiler House, Chemical Reagent Structure and tank, Dryer Area, Silo Truck Area and Packaging Warehouse area. USA conducted dry and wet decontamination activities for the Old Mill and Flotation buildings. All resulting solids and liquids were containerized and turned over to the client for management under its current waste program. USA assisted in the asset recovery program with expected revenues of \$160,000.00.

All work has taken place during normal operation of new mill facilities and USA has assisted the client in troubleshooting for the new mill.