

Mitigation Measures

The measure presenting the condition of approval of the Proposed Action (measure LU1) would apply under this alternative. No residual impacts would result.

3.2.12.7 Reduced Quantity Mining Concept Alternative Analysis

Impacts

Because the Project boundary is not changed under this alternative, land use issues remain the same as those for the Proposed Action.

Mitigation Measures

The measure presenting the condition of approval of the Proposed Action (measure LU1) would apply under this alternative. No residual impacts would result.

3.2.13 Public Health and Safety

3.2.13.1 No Action Alternative

Impacts

Under the No Action Alternative, potential hazards to public health and safety associated with active mining onsite would not occur. However, potential hazards associated with the lack of fencing at the site and steep slopes of the existing quarry would remain. Impacts could be adverse but not significant.

Mitigation Measures

No mitigation would be provided through this alternative and the adverse impacts associated with fencing would remain.

3.2.13.2 Reduced North Fines Storage Area Alternative Analysis

Impacts

This alternative neither reduces nor increases the impacts as identified for this resource analysis compared to the Proposed Action. The impacts for this alternative relative to public health and safety are the same as identified for the Proposed Action.

Mitigation Measures

The mitigation remains as described for the Proposed Action (measures PHS1 through PHS5). No residual significant impacts would remain.

3.2.13.3 Batch Plant Location Alternative Analysis

Impacts

Location of the batch plant near Lang Station would be in an industrial area where similar activity currently exists. The same issues as described for the Proposed Action also apply to this alternative.

Mitigation Measures

The mitigation remains as described for the Proposed Action (measures PHS1 through PHS5). No residual significant impacts would remain.

3.2.13.4 Addition of Water/Reclaimed Water Alternative Analysis

Impacts

A pipeline to bring water to the site would require construction to the site through a variety of land uses. No public health risks are associated with operation of the pipeline. During construction if areas of contaminated soil are encountered, disposal of that soil to a properly permitting landfill would be required to be conducted. Construction measures normally used to protect the public during construction would be implemented. Trucking of water would incrementally increase the number of trucks on roadways. Traffic safety issues were addressed under the traffic section. The same issues as described for the Proposed Action also apply to this alternative.

Mitigation Measures

The mitigation remains as described for the Proposed Action (measures PHS1 through PHS5). No residual significant impacts would remain.

3.2.13.5 Product Transportation Alternative Analysis

Impacts

A rail spur to the site would entail construction adjacent to the existing rail line. Most of the area is disturbed due to existing mining associated with the Rasmussen property. A loading facility would need to be located at the spur. If the loading facility were to be located in an area

where the public has accessibility, then a potentially significant safety impact could result. The same issues as described for the Proposed Action also apply to this alternative.

Mitigation Measures

Standard measures would be required to safe guard the public from construction and operations activities, including signage and fencing. In addition, the mitigation remains as described for the Proposed Action (measures PHS1 through PHS5). No residual significant impacts would remain.

3.2.13.6 Alternative North Fines Storage Area Analysis

Impacts

Areas A, B, and C are privately owned and rights to use these properties would have to be acquired. Since there are no public use areas, no additional public safety and health issues are identified under this alternative as compared to the Proposed Action. The impacts for this alternative relative to public health and safety are the same as identified for the Proposed Action.

Mitigation Measures

The mitigation remains as described for the Proposed Action (measures PHS1 through PHS5). No residual significant impacts would remain.

3.2.13.7 Reduced Quantity Mining Concept Alternative Analysis

Impacts

As with the Proposed Action, the same issues apply to this alternative.

Mitigation Measures

The mitigation remains as described for the Proposed Action (measures PHS1 through PHS5). No residual significant impacts would remain.

3.2.14 Expanded Description of the Agency Preferred Alternative

3.2.14.1 Description of Proposed Mining and Facilities

This section provides an expanded description of the Reduced North Fines Storage Area (RNFSA) Alternative, which in combination with Mitigation Measure AQ3 is the BLM Agency Preferred Alternative. This description is based on a Mining and Reclamation Plan that is subject to changes due to a varying market demand, actual geologic conditions encountered, and