



Application for Permits to Mine in Alaska (APMA)- BLM Supplement G – Preliminary or Conceptual Designs and Plans

In accordance with 43 CFR 3809.401 (b)(2)(ii), all Plans of Operations must include preliminary or conceptual designs, cross sections, and operating plans for the mining area, processing facilities, roads, etc. Much of the required information can be captured within the series of scale drawings required by the APMA; however the following components also need to be included.

Access and Claim Roads – To ensure the prevention of unnecessary or undue degradation, all roads should be designed using guidance in BLM Manual H-9115-1 for temporary roads and BLM Manual 9113-1 for roads proposed as permanent. Please provide cross sectional dimensions for all proposed roads.

Stream Crossings/Culverts – When possible, operators should consider using low water fords in lieu of culverts. If a crossing requires a culvert, it must be large enough to carry snowmelt during the season of maximum runoff. Culvert intakes and outlets should be armored with riprap or other suitable material to prevent erosion. All crossings of fish bearing waterbodies require a Fish Habitat Permit from the Alaska Department of Fish and Game, which can be found at: <http://www.adfg.alaska.gov/static/license/uselicense/pdfs/fhpermitapp.pdf>.

Settling Ponds – Please include a cross sectional drawing of all proposed ponds, including any pre-settling ponds, emergency spillway, and /or infiltration ditches. An example of a settling pond cross section is included below with guidance on berm widths/heights, freeboard, etc.

