

WASTE MANAGEMENT PLAN

Rev. 7/8/2016

GRMR shall ensure that E&P waste is properly stored, handled, transported, treated, recycled, or disposed of in accordance with COGCC 900-Series Rules. Best management practices (BMP's) will be followed to prevent adverse environmental impacts. Drill cuttings will be processed as described below:

A closed loop circulating system will be implemented throughout drilling operations. The mud program will consist of water based mud (WBM). Cuttings generated will be separated and deposited into a containment bin on location and will then be mixed with sawdust to decrease moisture content. Onsite monitoring will be performed by a photoionization detector (PID) to determine concentration levels.

Cuttings that pass the PID test will be placed into the cuttings trench for final sampling and will be analyzed by a lab to ensure compliance with the concentration levels found in COGCC Table 910-1. Pending approval of the COGCC, cuttings will be vaulted into the cut slope during interim reclamation.

Cuttings that do NOT pass the PID test will be stored in a separate containment bin for disposal offsite at an approved facility (listed below). Manifest documents will be kept on file for the volume of cuttings hauled offsite to the disposal facility. Any required documentation will be submitted to the COGCC.

Offsite Disposal Facility:

RN Industries Piceance Creek Facility
2250 County Rd #319
Rifle, CO 81650