



380 Airport Road
Durango, Colorado 81303

Waste Management Plan
Archuleta County, Colorado

Drill Cuttings:

A closed loop system will be used. Cuttings will be segregated from drilling fluid and collected in metal bins. The contents of the metal bins will be taken to one of the following commercial facilities:

Bondad Landfill
1500 CR 318
Durango, CO 81301
(970) 247-8295

Envirotech Inc.
5796 U.S. 64
Farmington, NM 87401
(505) 632-0615

Industrial Ecosystem, Inc.
#49 CR 3150
Aztec, NM 87410
(505) 632-1782

Drilling Fluids:

Drilling fluids will be contained onsite in a series of metal tanks. At the conclusion of drilling, unused (not recycled) fluids will be transported off the location to one of the following commercial disposal facilities:

Basin Disposal Inc.
200 Montana
Bloomfield, NM 87413
(505) 632-8936

Envirotech Inc.
5796 U.S. 64
Farmington, NM 87401
(505) 632-0615

Industrial Ecosystem, Inc.
#49 CR 3150
Aztec, NM 87410
(505) 632-1782



Frac Flowback (if needed):

Frac flowback fluids will be stored onsite in temporary metal frac tanks. Fluids will be transported offsite for disposal in one of BP's UIC wells (see attached map) or disposed of in the following commercial disposal facility:

Basin Disposal Inc.
200 Montana
Bloomfield, NM 87413
(505) 632-8936

Produced Water (Drilling/Completion):

Produced water generated during drilling/completions operations will be transported to BP's UIC wells (see attached map).

Volumes of Produced water expected out of the proposed wells:

Initially BP expects approximately 350 bwpd out of the new wells as the coal will be heavily saturated with water at first production (this rate should last for about a month to three months). The water rate should decline to around 100 bwpd and slowly decline to below 10 bwpd over the life of the wells.

Produced water disposal (Production):

The water from these new wells will be put into BP's existing water handling pipeline network. The new well will flow from the separator to the Luchini SWD (salt water disposal) well which will inject the water at a depth of about 5500'.

