

PROPOSED BMP LIST
CASTLE SPRINGS AREA
ANTERO RESOURCES CORPORATION

1. Drilling and Production

- No reserve, drill cuttings or frac/flowback pits will be constructed
- Well pads will be constructed with perimeter berm on downslope area
- Well pads, access roads will be graveled to reduce fugitive dust, sediment run-off
- Above-ground facilities will be located to minimize visual effects (e.g. production tanks will be low profile tanks and painted to mitigate visual impacts.)
- Combustor controls will be used to mitigate odors from production tanks
- Well completions will utilize flowback completion technologies and/or flares to reduce odors from plug drillout, and venting of salable and non-salable gas
- High level alarms will be installed on production tanks, when practicable
- Production tank containment area will be lined with plastic

2. Invasive Non-Native Vegetation Control

- Weed management plan will be developed and implemented to monitor and control noxious and invasive weeds
- Noxious weed control includes three treatments per year
- Existing weed infestations will be mapped prior to the development of each pad, access road and pipeline when practicable
- Reclamation/revegetation will be used as a weed management tool

3. Planning Infrastructure and Development Activities

- Directional drilling will be implemented to minimize habitat loss and habitat fragmentation
- Remote monitoring using SCADA systems to reduce truck traffic, fugitive dust
- Water pipeline infrastructure will be installed concurrently with the gas pipeline infrastructure where possible.
- SPCC inspections will be conducted quarterly, when practicable
- Water used for well completions will be recycled as practicable
- Baseline and post drilling/completion water well testing will be performed for permitted water wells within ½ mile of down-hole location

4. Stormwater Management

- Facilities will be operated with a Water Quality Control Division (WQCD) stormwater construction permit.
- Stormwater BMPs in accordance with the Stormwater Management Plan will be implemented in a manner that minimizes erosion, transport of sediment offsite, and site degradation.
- Inspections will be conducted every two weeks or monthly, when practicable, and in accordance with WQCD General Permit to confirm that applicable BMPs are in place, maintained and functioning properly.

5. Castle Springs GAP (CO 140-05-009 EA)

- This pad location is part of the Castle Springs GAP and subject to the federal conditions of approval listed therein.