

**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.