

## Waste Management Plan

This plan is prepared to provide Magpie Operating, Inc. (Magpie) minimum standards for complying with the general requirements of COGCC Rule 907.a.

- Magpie shall ensure that E&P waste is properly stored, handled, transported, treated, recycled, or disposed to prevent threatened or actual significant adverse environmental impacts to air, water, soil or biological resources or to the extent necessary to ensure compliance with the concentration levels in Table 910-1, with consideration to WQCC ground water standards and classifications.
- E&P wastes onsite will be stored in compatible containers or containment devices designed or engineered for the purposes for which they will be utilized. These containers will be inspected on a regular basis to ensure that no undue wear, structural issues, severe rust, other defects, which may impact their effectiveness.
- Magpie shall utilize a closed loop drilling system for drilling wells.
- E & P wastes will be transported offsite via truck by a licensed transporter.
  - Oil-based drilling fluids will be disposed of at a properly permitted commercial waste facility per Rule 907.e. Frequency of these operations will vary by site based on waste volumes.
  - Commercial disposal facilities planned to be used for disposal of solids materials are Waste Management of Northern Colorado landfill at 40000 County Road 25, Ault, CO (970) 686-2800.
- All unanticipated spills/releases related to Magpie operations will be promptly reported and remediated in accordance of COGCC Series 900 Rules. Magpie shall determine and document the cause of a spill/release of E & P Waste or produced fluids and, to the extent practicable, identify and timely implement measures to prevent spills/releases due to similar causes in the future.
- Magpie shall provide appropriate notification to Larimer County in the event of a spill/release at this location.
- Impervious secondary containment shall be installed for all oil and produced water storage tanks sufficient to contain 150% of the contents of the largest single tank.