



**BAYSWATER**  
**EXPLORATION & PRODUCTION, LLC**

## **Bayswater Exploration and Production, LLC**

### **Waste Management Plan**

Pursuant to compliance with COGCC Rule 907, Bayswater Exploration & Production, LLC (Bayswater), the following describes Bayswater's general plan for handling and disposal of E&P waste, including produced water, frac flowback water, drill mud and cuttings and tank bottoms.

#### **Produced & Frac flowback Water**

Produced and flowback water is stored onsite in compatible containers, e.g. frac tanks and produced water storage tanks. As necessary said water is transported by a licensed transporter to approved third party disposal wells operated by the following companies:

Apollo  
High Plains  
High Sierra

#### **Solid Waste and tank bottoms**

Contaminated solids waste and tank bottoms will be disposed of at licensed third party area landfills operated by Waste Management. In the incidence of minor site spills resulting in moderately oil contaminated soils, onsite reclamation will be conducted in accordance with rule 907e.

#### **Water based bentonitic drilling fluids and associated cuttings**

Drilling wastes including bentonitic drilling fluids and associated drilling cuttings will be hauled by a licensed third party transporter to be re-used by spreading on COGCC approved landfarms per Rule 907.d and as previously submitted by plan (attached).



## **Bayswater Exploration & Production, LLC**

### **E&P Waste Management Plan** **Land Application of Water-Bentonitic** **Drilling Fluids & Associated Drill Cuttings**

This document outlines the operational requirements to be used when applying water-based bentonitic drilling fluids and associated drill cuttings to private spread fields to maintain compliance with COGCC Rule 907.d.(3). These materials are being applied as a beneficial soil amendment.

The spread fields covered under this Waste Management Plan are detailed in Table 1. Only water-based bentonitic drilling fluids and associated drill cuttings generated by Bayswater Exploration & Production, LLC (Bayswater) will be applied at these sites. No other E&P waste shall be deposited at these sites. Changes to Table 1 will be provided to the COGCC in a Form 4 Sundry Notice.

<b><u>Mud Disposal:</u></b>	Offsite
<b><u>Method:</u></b>	Land farming
<b><u>Transporter:</u></b>	Integrity Trucking Cody Hobbs Cell: (970) 534-0163

#### **Spread Fields (Private)**

1. Bayswater shall obtain written authorization from the surface owner prior to land application of water-based bentonitic drilling fluids and associated drill cuttings. The signed agreement shall state that only Bayswater generated materials will be accepted and that incorporation of the material will occur within 10 days of application.
2. A 3 inch maximum lift of water-based bentonitic drilling fluids and associated drill cuttings will be applied utilizing a manure spreader truck and then disced in.
3. Daily tracking tickets will be used and will include the following information:
  - a. Name of well where material was generated
  - b. Date of transfer of the material from the well to the spread field
  - c. Volume of material taken to the spread field
  - d. Name of transporter

4. The volume of material transported to the spread field will be tracked to help ensure the 3 inch maximum lift is not exceeded.
5. Bayswater personnel will ensure the material will be incorporated into the soil within 10 days, site and weather conditions permitting.



**Bayswater Exploration & Production, LLC**

**E&P Waste Management Plan**

**Table 1**  
**Spread Field Locations**

<b>Surface Owner</b>	<b>Legal Description</b>	<b>Directions</b>	<b>COGCC Location #</b>
Brenda Johnson	NE/4 Sec. 29, T4N-R64W	From the intersection of Hwy 34 and CR 49, head south approximately 7.0 miles to CR 42. Head east on CR 42 to designated Spread Field on your right, approximately 0.7 miles	