

State of Colorado Energy & Carbon Management Commission

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ECMC RECEPTION

Receive Date:

06/10/2024

Document Number:

403817962

Produced Water Transfer System

The Flowline Report, Form 44, shall be submitted to register, report realignment, report removal from service, provide pre-abandonment notices, or report abandonment of Off-Location Flowlines, Flowline Systems, Produced Water Transfer Systems, or Crude Oil Transfer Lines or Systems as required by the 1100 Series Rules. The Form 44 shall also be submitted to register, report realignment, or report abandonment of Domestic Taps, and to report Grade 1 Gas Leaks from Flowlines per Rules 610 and 906.

Operator Information

ECMC Operator Number: 46685 Contact Person: Jenna Emerick
Company Name: KINDER MORGAN CO2 CO LLC Phone: (970) 882-5537
Address: 1001 LOUISIANA ST SUITE 1000 Email: CO2Source\_regulatory@kindermorgan.com
City: HOUSTON State: TX Zip: 77002
Is the Operator a Tier One member of the Utility Notification Center of Colorado (CO811) that participates in Colorado's One Call notification system? Yes [X] No [ ]

PRODUCED WATER TRANSFER SYSTEM

PRODUCED WATER TRANSFER SYSTEM IDENTIFICATION

Facility ID: 476468 Transfer System Name: HWD-1 & 2 Action Type: Pre-Abandonment Notice
Estimated Daily Transfer Volume: 2800 barrels Financial Assurance Rule 712 Facility Surety ID: 20230164

PRODUCED WATER TRANSFER SYSTEM REGISTRATION

Planned Construction Date:
A representative legal location and associated latitude and longitude near the center of the transfer system.
County: MONTEZUMA
Qtr Qtr: NWNE Section: 30 Township: 38N Range: 18W Meridian: N
Latitude: 37.528801 Longitude: -108.871690
GPS Quality Value: 5.9 Type of GPS Quality Value: PDOP Measurement Date: 10/29/2019

PRODUCED WATER TRANSFER LINE AS-BUILT

Date Produced Water Transfer Line was Placed into Service:

Pipe Description and Testing

Type of Fluid Transferred: Produced Water Pipe Material: Other Standard Dimension Ratio: (for HDPE pipe only)
Max outer Diameter (inches): 4.000 Wall Thickness: Weight (lb/ft): Grade:
Coating: True Pipe Material: Native Materials Burial Depth: 4
Max Anticipated Operating PSI: 592 Testing Pressure: 592 Test Date: 09/17/2019

Description of Corrosion Protection:

Gathering flowlines are protected against external corrosion by one of two systems of sacrificial anodes. One utilizes small local anode beds (Sand Canyon, Moqui, Yellow Jacket, Hovenweep), the other uses a large set of deep anodes at central distributed locations (Yellow Jacket partial, Doe Canyon, Cow Canyon, Goodman Point). Both systems employ test stations at intervals along the flow line where the pipe-to-soil voltage is monitored on a minimum annual basis. Repairs, modifications, and adjustments are then made to return out-of-spec voltage into spec. This can include replacing depleted anode beds, repairing test station connection to the pipe, and adjusting current down individual lines on distributed systems.

Description of Integrity Management Program:

Kinder Morgan's Integrity Management Program for produced water line systems consists of an annual pressure test of all gathering disposal flowlines from associated facilities to the respective disposal well facility. The lines are shut in at normal operating pressure and data logged for at least 30 minutes once the pressure has stabilized. Kinder Morgan also conducts quarterly, inspections of all of disposal flowline Rights-of-Ways.

**Description of the construction method used for public by-ways, road crossings, sensitive wildlife habitats, sensitive areas, and natural and manmade watercourses (i.e., open trench, bored and cased, or bored only), if applicable.**

Kinder Morgan prefers the open trench construction method. However, Kinder Morgan bores under all perennial water features and prefers to bore under public road crossings. All boring area typically have at least 6-8 feet of cover on the pipeline. In sensitive wildlife areas, Kinder Morgan self imposes timing restrictions while working in sensitive wildlife habitat to avoid critical nesting times or when big game is most vulnerable such as elk in early spring.

**PRODUCED WATER TRANSFER SYSTEM PRE-ABANDONMENT NOTICE**

Date: 08/27/2024

**Pre-Abandonment 30-day Notice**

- Removed per Rule 1105.d.(2)
- Abandoned In Place per Rule 1105.d.(2) Exceptions - select all that apply:
  - A. A surface owner agreement executed by a surface owner allows abandonment in place.
  - B. The line is subject to the jurisdiction of the federal government, and the relevant federal agency directs abandonment in place.
  - C. The flowline or crude oil transfer line is co-located with other active pipelines or utilities or is in a recorded right of way.
  - D. Removal of the line would cause significant damage to natural resources, including wildlife resources, topsoil, or vegetation.
  - E. The flowline or crude oil transfer line is in a restricted surface occupancy area or sensitive wildlife habitat.
  - F. The flowline or crude oil transfer line or a segment of the line crosses or is within 30 feet of a public road, railroad, bike path, public right of way, utility corridor, or active utility or pipeline crossing.
  - G. The flowline or crude oil transfer line or a segment of the line crosses or is within 30 feet of or from under a river, stream, lake, pond, reservoir, wetlands, watercourse, waterway, or spring.
  - H. The operator demonstrates and quantifies that the removal of the flowline will cause significant emissions of air pollutants.
- Abandoned In Place per Rule 1105.d.(3)

Description of Pre-Abandonment Notice:

This abandonment notice is for a section of the HWD-1/HWD-2 PW Transfer System, from the former HD Cluster/HWD-2 filter building to the HC Cluster. Attached is a map of the proposed flowline abandonment, depicting the approximately 8678 ft section from the HD Cluster to the HD Cluster. The flowline will be abandoned in place per the following requirements:

- (1) Evacuate the flowline of any hydrocarbons or produced water to ensure the line is safe and inert
- (2) Deplete the flowline to atmospheric pressure
- (3) Cut the flowline's risers to three (3) feet below grade or to the depth of the flowline, whichever is shallower
- (4) Seal the ends of the flowline below grade
- (5) Remove above-ground cathodic protection and equipment associated with the riser
- (6) Ensure flowline depth is greater than 3ft below ground surface

Supporting documentation is attached demonstrating a surface agreement between KM and the surface owner and federal agency (BLM) authorizing abandonment in place.

**OPERATOR COMMENTS AND SUBMITTAL**

Comments

Form 44 Pre-abandonment notification for a segment of the HWD-1/HWD-2 PW Transfer System, from the former HD Cluster to HC Cluster.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: \_\_\_\_\_ Date: 06/10/2024 Email: jenna\_emerick@kindermorgan.com

Print Name: Jenna Emerick Title: EHS Specialist

Based on the information provided herein, this Flowline Report complies with ECMC Rules and applicable orders and is hereby approved.

ECMC Approved:



**Director of ECMC**

Date: 9/24/2025

## CONDITIONS OF APPROVAL, IF ANY LIST

**COA Type**

**Description**

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### ATTACHMENT LIST

**Att Doc Num**

**Name**

403817962	Form44 Submitted
403818547	PROPOSED ABANDONMENT LAYOUT DRAWING
403818549	PROPOSED ABANDONMENT LAYOUT DRAWING

Total Attach: 3 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

Engineer	The Operator must start a Form 3 within 5 business days of the approval of this Form. The Form 3 will address the financial assurance required by Rule 703.	09/24/2025
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Total: 1 comment(s)