



State of Utah

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Lieutenant Governor

Department of  
Environmental Quality

Tim Davis  
Executive Director

DIVISION OF AIR QUALITY  
Bryce C. Bird  
Director

DAQE-AN124140006-25

July 30, 2025

James Weisman  
Coastal Plains Energy, Inc.  
6303 North Portland Avenue, Suite 208  
Oklahoma City, OK 73112  
weismaneng2027@gmail.com

Dear Mr. Weisman:

Re: Approval Order: Administrative Amendment to Approval Order DAQE-AN124140005-24 for an Engine Replacement Resulting in a Reduction in Air Pollutants under Rule R307-401-12  
Project Number: N124140006

The attached Approval Order (AO) is issued pursuant to the Notice of Intent (NOI) received on June 13, 2025. Coastal Plains Energy, Inc. must comply with the requirements of this AO, all applicable state requirements (R307), and Federal Standards.

The project engineer for this action is **Lucia Mason**, who can be contacted at (385) 707-7669 or lbmason@utah.gov. Future correspondence on this AO should include the engineer's name as well as the DAQE number shown on the upper right-hand corner of this letter.

Sincerely,

Bryce C. Bird  
Director

BCB:LM:jg

cc: Southeastern Utah District Health Department

**STATE OF UTAH**  
**Department of Environmental Quality**  
**Division of Air Quality**

**APPROVAL ORDER**  
**DAQE-AN124140006-25**  
**Administrative Amendment to Approval Order**  
**DAQE-AN124140005-24 for an Engine Replacement Resulting in a**  
**Reduction in Air Pollutants under Rule R307-401-12**

**Prepared By**  
**Lucia Mason, Engineer**  
**(385) 707-7669**  
**lbmason@utah.gov**

**Issued to**  
**Coastal Plains Energy, Inc. - Drunkards Wash CBM Central Processing**  
**Facility**

**Issued On**  
**July 30, 2025**

**Issued By**



**Bryce C. Bird**  
**Director**  
**Division of Air Quality**

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## GENERAL INFORMATION

### CONTACT/LOCATION INFORMATION

**Owner Name**

Coastal Plains Energy, Inc.

**Source Name**Coastal Plains Energy, Inc. - Drunkards Wash  
CBM Central Processing Facility**Mailing Address**6303 North Portland Avenue, Suite 208  
Oklahoma City, OK 73112**Physical Address**7.25 miles southwest of Price  
Carbon County, UT 84501**Source Contact**Name: James Weisman  
Phone: (817) 320-4152  
Email: weismaneng2027@gmail.com**UTM Coordinates**509,638 m Easting  
4,373,675 m Northing  
Datum NAD83  
UTM Zone 12**SIC code** 1311 (Crude Petroleum & Natural Gas)

### SOURCE INFORMATION

**General Description**

Coastal Plains Energy, Inc. owns and operates a natural gas compressor station approximately seven (7) miles southwest of Price in the Drunkards Wash Field in Carbon County. Natural gas from field wells is piped to the site. The gas goes through a compressor followed by a glycol dehydration unit and a CO<sub>2</sub> membrane to remove water, CO<sub>2</sub>, and other impurities. The gas is then routed back to a sales gas line. The CO and other gas impurities (non-sales gases) from the membrane separator are vented to a flare unit with a flame burner and a backup solar-powered igniter system. The wastewater from the glycol unit is routed to a 500-bbl wastewater tank for storage before being injected into an on-site well using two (2) natural gas-fired injection pumps. In total, the site has three (3) 500-bbl wastewater storage tanks. There is a small natural gas line heater unit to keep the water lines thawed. The compressor engine, the two (2) main pump engines, the glycol dehydration unit, and the membrane heaters are natural gas-fired.

**NSR Classification**

Administrative Amendment

**Source Classification**Located in Attainment Area  
Carbon County  
Airs Source Size: B**Applicable Federal Standards**MACT (Part 63), A: General Provisions  
MACT (Part 63), ZZZZ: National Emissions Standards for Hazardous Air Pollutants for  
Stationary Reciprocating Internal Combustion Engines

Project Description

Coastal Plains Energy, Inc. has requested an amendment to AO DAQE-AN124140005-24 to replace one (1) 608 hp natural gas-fired compressor engine with one (1) 425 hp natural gas-fired compressor engine (Equipment ID II.A.2). The change will result in a net decrease in all emissions. The stack testing limits listed in Condition II.B.2.a have been adjusted to account for the lower emission standards associated with the new engine. This project meets the requirements of UAC R307-401-12 Reduction in Air Pollutants.

**SUMMARY OF EMISSIONS**

The emissions listed below are an estimate of the total potential emissions from the source. Some rounding of emissions is possible.

<b>Criteria Pollutant</b>	<b>Change (TPY)</b>	<b>Total (TPY)</b>
CO <sub>2</sub> Equivalent	-793	3347.00
Carbon Monoxide	-6.13	70.06
Nitrogen Oxides	-3.53	37.15
Particulate Matter - PM <sub>10</sub>	-0.06	0.23
Particulate Matter - PM <sub>2.5</sub>	-0.06	0.23
Sulfur Dioxide	0	0.02
Volatile Organic Compounds	-2.37	7.26

<b>Hazardous Air Pollutant</b>	<b>Change (lbs/yr)</b>	<b>Total (lbs/yr)</b>
Generic HAPs (CAS #GHAPS)	3280	3320
	<b>Change (TPY)</b>	<b>Total (TPY)</b>
Total HAPs	1.64	1.66

**SECTION I: GENERAL PROVISIONS**

I.1	All definitions, terms, abbreviations, and references used in this AO conform to those used in the UAC R307 and 40 CFR. Unless noted otherwise, references cited in these AO conditions refer to those rules. [R307-101]
I.2	The limits set forth in this AO shall not be exceeded without prior approval. [R307-401]
I.3	Modifications to the equipment or processes approved by this AO that could affect the emissions covered by this AO must be reviewed and approved. [R307-401-1]
I.4	All records referenced in this AO or in other applicable rules, which are required to be kept by the owner/operator, shall be made available to the Director or Director's representative upon request, and the records shall include the two-year period prior to the date of the request. Unless otherwise specified in this AO or in other applicable state and federal rules, records shall be kept for a minimum of two (2) years. [R307-401-8]

I.5	At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any equipment approved under this AO, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Director which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. All maintenance performed on equipment authorized by this AO shall be recorded. [R307-401-4]
I.6	The owner/operator shall comply with UAC R307-107. General Requirements: Breakdowns. [R307-107]
I.7	The owner/operator shall comply with UAC R307-150 Series. Emission Inventories. [R307-150]
I.8	The owner/operator shall submit documentation of the status of construction or modification to the Director within 18 months from the date of this AO. This AO may become invalid if construction is not commenced within 18 months from the date of this AO or if construction is discontinued for 18 months or more. To ensure proper credit when notifying the Director, send the documentation to the Director, attn.: NSR Section. [R307-401-18]

## SECTION II: PERMITTED EQUIPMENT

### II.A THE APPROVED EQUIPMENT

II.A.1	<b>Drunkards Wash CBM Central Processing Facility</b>
II.A.2	<b>One (1) Compressor Engine (new)</b> Manufacturer: Caterpillar Model: G3408C Rating: 425 hp Fuel: Natural Gas Manufacture Date: prior to July 1, 2008 MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.3	<b>Two (2) Main Pump Engines</b> Manufacturer: Cummins Model: GTA-P1 Rating: 135 hp Fuel: Natural Gas MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.4	<b>One (1) Glycol Dehydration Unit</b> Burner Capacity: 0.2 MMBtu/hr Fuel: Natural Gas
II.A.5	<b>Two (2) Water Injection Pumps</b> Manufacturer: Ford Industrial Model: LRG425 Rating: 27 hp Fuel: Natural Gas MACT Applicability: 40 CFR 63 Subpart ZZZZ

II.A.6	<b>Line Heater</b> Fuel: Natural Gas
II.A.7	<b>Flare</b>
II.A.8	<b>Three (3) Small Storage Tanks</b> Capacity: 500 bbls each Contents: Wastewater

## SECTION II: SPECIAL PROVISIONS

### II.B REQUIREMENTS AND LIMITATIONS

II.B.1	<b>Site-Wide Requirements</b>								
II.B.1.a	The owner/operator shall not allow visible emissions from the following emission points to exceed the following values:  A. Natural gas-fired equipment - 10% opacity.  B. All other emission points - 20% opacity.  [R307-401-8]								
II.B.1.a.1	Opacity observations of emissions from stationary sources shall be conducted according to 40 CFR 60, Appendix A, Method 9. [R307-401-8]								
II.B.1.b	The owner/operator shall use only natural gas as fuel in the engines, dehydration unit, and heaters. [R307-401-8]								
II.B.2	<b>Compressor Engine Stack Testing Requirements</b>								
II.B.2.a	The owner/operator shall not emit more than the following rates and concentrations from the <b>natural gas-fired 425 hp compressor engine</b> :  <table style="margin-left: 20px;"> <thead> <tr> <th>Pollutant</th> <th>lb/hr</th> </tr> </thead> <tbody> <tr> <td>NO<sub>x</sub></td> <td>1.87</td> </tr> <tr> <td>CO</td> <td>1.72</td> </tr> <tr> <td>VOC</td> <td>0.48</td> </tr> </tbody> </table> [R307-401-8]	Pollutant	lb/hr	NO <sub>x</sub>	1.87	CO	1.72	VOC	0.48
Pollutant	lb/hr								
NO <sub>x</sub>	1.87								
CO	1.72								
VOC	0.48								
II.B.2.a.1	<b>Compliance Demonstration</b> To demonstrate compliance with the emission limitations above, the owner/operator shall perform stack testing on the emissions unit according to the stack testing conditions contained in this AO. [R307-165-2, R307-401-8]								
II.B.2.a.2	<b>Initial Test</b> The owner/operator shall conduct an initial stack test on the emission unit within 180 days after startup of the emission unit. [R307-165-2]								
II.B.2.a.3	<b>Test Frequency</b> The owner/operator shall conduct a stack test on the emission unit within five (5) years after the date of the most recent stack test of the emission unit. The Director may require the owner/operator to perform a stack test at any time. [R307-165-2, R307-401-8]								

II.B.2.b	<b>The owner/operator shall conduct any stack testing required by this AO according to the following conditions.</b> [R307-401-8]
II.B.2.b.1	<b>Notification</b> At least 30 days prior to conducting a stack test, the owner/operator shall submit a source test protocol to the Director. The source test protocol shall include the items contained in R307-165-3. If directed by the Director, the owner/operator shall attend a pretest conference. [R307-165-3, R307-401-8]
II.B.2.b.2	<b>Testing &amp; Test Conditions</b> The owner/operator shall conduct testing according to the approved source test protocol and according to the test conditions contained in R307-165-4. [R307-165-4, R307-401-8]
II.B.2.b.3	<b>Access</b> The owner/operator shall provide Occupational Safety and Health Administration (OSHA)- or Mine Safety and Health Administration (MSHA)-approved access to the test location. [R307-401-8]
II.B.2.b.4	<b>Reporting</b> No later than 60 days after completing a stack test, the owner/operator shall submit a written report of the results from the stack testing to the Director. The report shall include validated results and supporting information. [R307-165-5, R307-401-8]
II.B.2.b.5	<b>Possible Rejection of Test Results</b> The Director may reject stack testing results if the test did not follow the approved source test protocol or for a reason specified in R307-165-6. [R307-165-6, R307-401-8]
II.B.2.c	<b>Test Methods</b> When performing stack testing, the owner/operator shall use the appropriate EPA-approved test methods as acceptable to the Director. Acceptable test methods for pollutants are listed below. [R307-401-8]
II.B.2.c.1	<b>Standard Conditions</b>  A. Temperature - 68 degrees Fahrenheit (293 K).  B. Pressure - 29.92 in Hg (101.3 kPa).  C. Averaging Time - As specified in the applicable test method.  [40 CFR 60 Subpart A, 40 CFR 63 Subpart A, R307-401-8]
II.B.2.c.2	<b>NO<sub>x</sub></b> 40 CFR 60, Appendix A, Method 7; Method 7E; or other EPA-approved testing method as acceptable to the Director. [R307-401-8]
II.B.2.c.3	<b>VOC</b> 40 CFR 60, Appendix A, Method 18; Method 25; Method 25A; 40 CFR 63, Appendix A, Method 320; or other EPA-approved testing method as acceptable to the Director. [R307-401-8]
II.B.2.c.4	<b>CO</b> 40 CFR 60, Appendix A, Method 10 or other EPA-approved testing method as acceptable to the Director. [R307-401-8]

## **PERMIT HISTORY**

This Approval Order shall supersede (if a modification) or will be based on the following documents:

Supersedes  
Is Derived From

AO DAQE-AN124140005-24 dated April 29, 2024  
NOI dated June 13, 2025

## ACRONYMS

The following lists commonly used acronyms and associated translations as they apply to this document:

40 CFR	Title 40 of the Code of Federal Regulations
AO	Approval Order
BACT	Best Available Control Technology
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CDS	Classification Data System (used by Environmental Protection Agency to classify sources by size/type)
CEM	Continuous emissions monitor
CEMS	Continuous emissions monitoring system
CFR	Code of Federal Regulations
CMS	Continuous monitoring system
CO	Carbon monoxide
CO <sub>2</sub>	Carbon Dioxide
CO <sub>2e</sub>	Carbon Dioxide Equivalent - Title 40 of the Code of Federal Regulations Part 98, Subpart A, Table A-1
COM	Continuous opacity monitor
DAQ/UDAQ	Division of Air Quality
DAQE	This is a document tracking code for internal Division of Air Quality use
EPA	Environmental Protection Agency
FDCP	Fugitive dust control plan
GHG	Greenhouse Gas(es) - Title 40 of the Code of Federal Regulations 52.21 (b)(49)(i)
GWP	Global Warming Potential - Title 40 of the Code of Federal Regulations Part 86.1818-12(a)
HAP or HAPs	Hazardous air pollutant(s)
ITA	Intent to Approve
LB/YR	Pounds per year
MACT	Maximum Achievable Control Technology
MMBTU	Million British Thermal Units
NAA	Nonattainment Area
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standards for Hazardous Air Pollutants
NOI	Notice of Intent
NO <sub>x</sub>	Oxides of nitrogen
NSPS	New Source Performance Standard
NSR	New Source Review
PM <sub>10</sub>	Particulate matter less than 10 microns in size
PM <sub>2.5</sub>	Particulate matter less than 2.5 microns in size
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
R307	Rules Series 307
R307-401	Rules Series 307 - Section 401
SO <sub>2</sub>	Sulfur dioxide
Title IV	Title IV of the Clean Air Act
Title V	Title V of the Clean Air Act
TPY	Tons per year
UAC	Utah Administrative Code
VOC	Volatile organic compounds