


2700-FM-AQ0023 Rev. 1/2008 		INSPECTION REPORT		Commonwealth of Pennsylvania Department of Environmental Protection Air Quality Program			
Date(s) of Inspection: 3/1/23		TV <input type="checkbox"/> SM <input type="checkbox"/> NM <input type="checkbox"/>	PA <input type="checkbox"/> GP <input checked="" type="checkbox"/> MEGA <input type="checkbox"/>	Permit #(s): AG5A-24-00001B GP5A-24-00195B	Expiration Date: 7/31/27	Case #: 24-000-00195	PF ID #: 850582
Company Name: Diversified Gas and Oil Corp.			Municipality: Jay Twp.		County: EIk		
Plant Name: Longhorn Pad C			Physical Location: off Swede Farm Road, Weedville 15868 at 41° 17' 43.20" N, -78° 27' 10.85" W		Federal ID — Plant Code #: 58-1618404-54		
Responsible Official: Nick Armstrong				Mailing Address: 395 Airport Rd			
Title: VP – PA Production				Indiana, PA 15701			
Phone #(s): 724-471-2258				Site Contact: David Stucker 717-668-5529			
Mark (X) All Inspection Types That Apply To This Inspection:							
<input checked="" type="checkbox"/>	Full Compliance Evaluation (FCE)	<input type="checkbox"/>	Plan Approval Inspection	<input type="checkbox"/>	File Review (FR)		
<input type="checkbox"/>	Operating Permit Inspection (PI)	<input type="checkbox"/>	Initial Permit Inspection (IPI)	<input type="checkbox"/>	Complaint Inspection (CI)		
<input type="checkbox"/>	Routine/Partial (RTPT)	<input type="checkbox"/>	Follow-Up Inspection (Ref. Date: _____)	<input type="checkbox"/>	Sample Collection (SC)		
<input type="checkbox"/>	Minor Source(s) Inspection (RFD)	<input type="checkbox"/>	Stack Test Observation	<input type="checkbox"/>	Multi-Media Inspection (MM)		
<input type="checkbox"/>	Other:	<input checked="" type="checkbox"/>	Announced				
Annual Compliance Certification Received: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A				Date Received: first submission not yet due			
AIMS Report Received: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A				Date Received: submitted via OGRE			
Mark (X) All Activities That Apply:							
<input checked="" type="checkbox"/>	File Review	<input checked="" type="checkbox"/>	Pre-Inspection Briefing	<input checked="" type="checkbox"/>	Exit Interview/Briefing		
<input type="checkbox"/>	Pre-Inspection Observations	<input type="checkbox"/>	Check For New/Unreported Sources	<input type="checkbox"/>	Sample(s) Collected		
<input type="checkbox"/>	Visible Emissions Observations	<input type="checkbox"/>	Verify Operation of CEMS	<input type="checkbox"/>	Other		
Comments/Recommendations: Enforcement since last FCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If yes, attach summary)							
I arrived onsite at approximately 1115 and met with Diversified staff David Stucker, EHS Manager (Air) and Zach McGary, Lease Operator. We discussed the site development and conducted observations of the equipment onsite. No sources were observed in operation. Diversified employee Ray Sheredy, Foreman, also arrived during the inspection and was onsite most of the inspection. I departed the site at approximately 1225. This report was drafted offsite and emailed to Mr. Stucker for review and signature on 3/2/23.							
On 3/13/23, Mr. Stucker provided an Onbase form #68237, which was a Sept 2022 commencement of construction notice.							
Compliance Status: <input checked="" type="checkbox"/> In <input checked="" type="checkbox"/> Out <input type="checkbox"/> Pending <input checked="" type="checkbox"/> Awaiting Co. Report			Needs a Follow-Up Inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Company Representative: David Stucker		Title: EHS Manager (Air)	Signature: <i>David Stucker</i>	Date: 3/13/23			
DEP Representative: Melanie Lewis		Title: AQ Specialist	Signature: <i>Melanie Lewis</i>	Date/Time: 3/1/23			
This document is official notification that a representative of the Department of Environmental Protection, Air Quality Program, inspected the identified site. The findings of this inspection are shown above and on any attached pages, and may include violations uncovered during the inspection. Violations may also be discovered upon review of sample results or from any additional review of Department records. Notification will be forthcoming, if such violations are noted.							

Page 1 of 5 eFacts Inspection ID#: 3512055 Date: 3/2/23 Reviewed By Kimberly Fleet

White – Regional Office Yellow – Site Pink – District Office

Diversified Gas and Oil Corporation, Longhorn Pad C

AG5A-24-00001B (GP5A-24-195B)

Issuance: August 24, 2022 & Expiration: July 31, 2027

Jay Township, Elk County, PF# 850582

This site was initially permitted under GP5A-24-195A, which was issued in October 2021. The site was scheduled to be operational on 4/13/22. However, as of May 2022, the engines were returned to the manufacturer.

Proposed sources under GP5A-24-195B:

One produced water storage tank, (16,800 gallon capacity) capacity, used for sand and water separation (T-005)
Not onsite (see tanks authorized under prior GP5A below)

Two methanol storage tanks, each with a 300 gallon capacity (T-006 & T-007)
One 300 gallon methanol tank onsite

Existing sources authorized under GP5A-24-195A:

Two natural gas fired line heaters (H-1 & H-2), each rated 2 mmbtu/hr

Two natural gas fired line heaters, each rated at 1.5 mmbtu/hr, & associated separators, are installed onsite. Not operating during inspection.

Four unconventional Marcellus wells

Four wells on the pad, which were drilled by EOT. No pipeline access to site.

Four produced water storage tanks, each with a 16,800 gallon capacity (T-001 to T-004)

Four produced water storage tanks onsite, associated with the wells.

Four gas processing units, each rated at 1 mmbtu/hr (GPU-1 to GPU-4)

No GPUs installed onsite.

Miscellaneous Sources: produced water truck loading, miscellaneous gas venting, fugitive emissions from leaks, and eight pneumatic controllers

Site has seven pneumatic controllers (five of which can vent to atmosphere).

Per the review memo, this facility is considered a well site as defined in 40 CFR §60.5430a and is affected facility under Subpart OOOOa. The fugitive emission components at this site are considered an affected source under this subpart. The storage tanks and pneumatic controllers would not be subject to Subpart OOOOa.

Diversified also submitted a plan approval application in May 2022 for this site for the installation of five Waukesha engines and one generator. Testing that was scheduled for one engine on 2/23/23 was postponed. Please contact David Balog New Source Review Chief, at 814-332-6328, or Lori McNabb, Operations Chief, at 814-332-6634, to discuss the status or issuance of any pending plan approval or exemption from such.

Site has one Waukesha L7044GSI engine rated at 1680 hp with associated VHP7104GSI S4 generator; a 500 gal associated oil tank; and ~275 gal poly antifreeze tote. Engine was not in operation. There are 4 natural gas microturbines for electric production; and 2 trailers with cryptocurrency "miners". Please refer to PF # 858886 (Longhorn Pad A) 3/1/23 inspection report for information on Diversified's cryptocurrency operation.

Section A. General Requirements

6. Authorization to Use GP-5A

(b) Authorization will expire after 18 months if owner/operator fails to commence construction, or there is a lapse in construction of 18 months. Department may extend 18-month period with satisfactory justification. All requests for extension shall be submitted at least 30 days prior to the end of the 18-month period.

(c) Permit authorization will end on expiration date unless an application is submitted at least 30 days prior to the expiration date.

(d) Transfer of ownership is outlined in the permit conditions.

(e) Administrative amendments can be authorized for name/address or similar minor facility administrative change as outlined in the permit conditions.

7. General Permit Fees

Refer to this permit section for application, annual, and administrative amendment fee information.

10. Compliance Requirements and Compliance Certification/ 13. Reporting

10.(c) Operate all sources and control equipment in a manner as to not cause air pollution. Operate and maintain according to manufacturers recommended maintenance and operating procedures. Operate such that no malodors are detectable outside property lines. Control sources of particulate matter in a reasonable manner to prevent fugitive emissions.

No malodors or fugitive/visible emissions observed. No sources observed in operation.

10. (h) Annually submit a certification of compliance with the terms and conditions of the GP-5A for the prior year.

13. (c) The annual report shall be submitted to the Northwest Regional Office. The reporting period shall be no later than one year from the start of operations. Initial and subsequent reports shall be submitted within 60 days of the end of the reporting period. The annual compliance certification can be submitted via Onbase. OnBase Electronic Forms Upload (pa.gov)

The initial compliance certification is due no later than 60 days after one year from start of operations, which was initially mid-April 2022.

11. Notification Requirements

(b) Notify Department of commencement of operation/completion of construction.

Within 14 days, the Department requests the dates of the completion of construction and commencement of operation for the sources installed onsite or copies of prior notifications for uploading to Onbase.

(c) Notify County E.M.A. & DEP Emergency Response at 1-800-541-2050 within 1 hr of malfunction that poses imminent danger to public health, safety or the environment. Per guidance in the GP-5A malfunction reporting instructions, if required, notify Department within 24hrs of other malfunction, and follow-up in writing within five business days of malfunction discovery. Emissions due to malfunction are to be included in the annual emissions report.

No malfunctions have been reported.

12. Recordkeeping

(a) – (b) Records must be maintained for a minimum of 5 years. Emission records shall be maintained on a monthly basis on a 12-month rolling sum.

Emission records are maintained and compiled for annual submission to the Department, as noted below.

13. Reporting

(a) – (b) Applicable NSPS/NESHAP reports shall be submitted to the PA DEP Northwest Regional Office and EPA.

(c) See above requirement noted with Condition 10.

(d) In accordance with 25 Pa. Code § 135.3, submit a facility emissions inventory report by March 1st of each year. The emission inventory must contain emission estimates for all sources regulated under this General Permit having occurred during the preceding calendar year. Submit annual emissions report through Greenport via AES online.

Due to Department issues with the Greenport system, the reporting deadline for 2021 emissions was extended to 4/1/22. Bob Bonner confirmed that Longhorn C site emissions were reported through OGRE on 4/8/22. The 2023 reporting deadline is 3/1/23, unless an approved extension is granted by the Department.

15. De Minimis Emission Increases

Refer to this permit section for information on de minimis emission increases.

Section B. Glycol Dehydration Units

Not applicable to this facility.

Section C. Stationary Natural Gas-Fired Spark Ignition Internal Combustion Engines

Not applicable to this facility.

Section D. Reciprocating Compressors

Not applicable to this facility.

Section E. Storage Vessels

The facility's 16,800 gallon storage tanks hold only product with vapor pressure less than 1.5 psi, and are not constructed to safely hold any products with a vapor pressure exceeding 1.5 psi, per Diversified.

Section F. Tanker Truck Load-Out Operations

Not applicable to this facility.

Section G. Fugitive Emissions Components

1. BAT Compliance Requirements

(a) No later than 30 days after operation commences on an emission source, (and at least monthly thereafter) owner/operator shall conduct an AVO inspection.

Diversified operator is onsite at a minimum every other day for an AVO inspection.

(b) – (g) No later than 60 days after start of production (and quarterly thereafter), owner/operator shall conduct an LDAR program as outlined in the permit. Any leak detected shall be repaired as expeditiously as practicable, with a first attempt within 5 calendar days and repair no later than 15 calendar days unless need to purchase parts or repair/replacement infeasible/require vent blowdown/well shutdown/would be unsafe. In the latter cases, the repair/replacement must be completed during the next scheduled well shutdown or after a planned vent blowdown or within 2 years, whichever is earlier. After a component has been repaired/replaced, component must be resurveyed within 30 days. For repairs that cannot be made when initially found, a digital photo or leak tag is required. Operator uses a GT44 portable analyzer for leak detection on a quarterly basis. The most recent was conducted on 1/3/23.

2. Recordkeeping Requirements

Under condition (a), referencing 60.5397a, develop an emissions monitoring plan that covers the collection of fugitive emissions component, including frequency, technique, manufacturer/model of detection equipment, procedures for conducting surveys/identifying and repairing components/for calibration and maintenance, etc. Maintain records of each monitoring survey, including start/end times, monitoring instrument, ambient conditions, any deviations from monitoring plan, and documentation of each fugitive emission, as outlined in the permit conditions.

Site follows emissions monitoring plan and records are available for review.

3. Reporting Requirements

Include the records of each monitoring survey during the reporting period in the required annual report.

Section H. Natural Gas-Driven Pneumatic Controllers
Section I. Natural Gas-Driven Pneumatic Pumps
Section J. Enclosed Flares and Other Emission Control Devices
Section K. Pigging Operations
Section L. Wellbore Liquids Unloading Operations
All above sections are not applicable to this facility.

