



PREPARED FOR  
West Virginia Department of  
Environmental Protection

August 27, 2024

# West Virginia Department of Environmental Protection

Methane Emission Quantification Services  
Cost Proposal  
CRFP 0313 DEP2500000001  
WVDEP CRFP 25\*01

Antea®Group

Understanding today.  
Improving tomorrow.

**PREPARED BY**

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WV PURCHASING  
DIVISION

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Appendix A – Proposal Price Sheet

# West Virginia Department of Environmental Protection

*Methane Emission Quantification Cost Proposal*

*CRFP 0313 DEP2500000001*

*WVDEP CRFP 25\*01*

## 1.0 COST SUMMARY

Antea®Group is pleased to submit this cost proposal to provide methane emissions quantification services to the West Virginia Department of Environmental Protection (WVDEP) as described in the accompanying Technical Proposal for Methane Emissions Quantification Services. The proposal price sheet is presented in Appendix A. An overview of the proposed budget is shown below.

Description	Estimated Quantity (EA)	Unit Cost/EA	Extended Cost
4.2.1.1 Measure pre-plugging methane emissions	200	\$821	\$164,200
4.2.1.2 Measure post-plugging methane emissions	200	\$2047	\$409,400
4.2.1.3 Screen Wells for methane emissions	200	\$2127	\$425,400
<b>Total</b>	<b>200</b>	<b>\$4995</b>	<b>\$999,000</b>

Antea Group understands the State of West Virginia requirements for vendor insurance and shall provide certificates of insurance verifying each type of coverage required upon award of the project.

## 2.0 ASSUMPTIONS AND LIMITATIONS

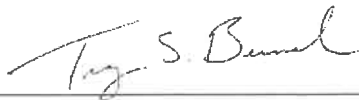
Assumptions included in the cost estimate include the following:

- Well identification information including figures, GPS coordinates, photographs, etc. will be provided to assist with locating each well site. Wells not able to be located within a reasonable amount of time, will need to be assessed at a later date with additional mobilization costs.
- Costs for 4.2.1.3 Screen Wells for Methane Emissions are inclusive of project management, scheduling, coordination, stakeholder communication, and site health and safety plan generation.
- Costs assume one Antea Group field person who is experienced in field methane emission data collection will collect the measurements.
- Costs are included for 10 duplicate measurements (5%).
- Well sites not accessible due to locks gates, road conditions, etc. will be assessed at a later date with additional mobilization costs.
- Estimated cost were prepared assuming wells will be assessed and measured in groups of 20 for all three items as depicted in **Appendix A** Methane Emission Quantification Proposal Price Sheet.
- Cost has not been included to transverse extremely difficult terrain to access well site locations (i.e., large creek crossing, steep climbing, etc.).

- Estimated costs do not include standby time for weather delays or other circumstances beyond Antea Group's control (including landowner access issues) and may require additional costs.
- Our costs are based on Antea Group personnel wearing appropriate PPE for the scope of work (Level D as defined by OSHA-HAZWOPER).
- If during the screening phase of the measurements no methane is detected, no additional costs will be incurred for that well beyond the 4.2.1.3 Screen Wells for Methane Emissions Item.
- Costs are included in the 4.2.1.2 Measure Post-Plugging Methane Emissions Item for reporting.

### 3.0 CLOSING

Antea Group is pleased to provide this proposal and looks forward to working with WVDEP. Our trained, experienced, and dedicated professional will meet WVDEP needs and exceed expectations.



August 27, 2024

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August 27, 2024

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### 4.0 CONTACT INFORMATION

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West Virginia Department of Environmental Protection  
Methane Emission Quantification Services  
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## Appendix A – Proposal Price Sheet



**ATTACHMENT A**

**Methane Emission Quantification**

<b>Item</b>	<b>Description</b>	<b>Unit of Measure</b>	<b>*Estimated Qty</b>	<b>Unit Cost</b>	<b>Extended Cost</b>
	<b>Database Costs</b>				
1	4.2.1.1 Measure pre-plugging methane emissions	EA	200	\$821.00	\$164,200.00
2	4.2.1.2 Measure post-plugging methane emissions	EA	200	\$2,047.00	\$409,400.00
3	4.2.1.3 Screen wells for methane emissions	EA	200	\$2,127.00	\$425,400.00
<b>TOTAL COST</b>					<b>\$999,000.00</b>

\*The Pricing Pages contain a list of the Contract Items and estimated purchase volume. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.