



March 13, 2026

Kansas Department of Health and Environment
Bureau of Waste Management
1000 SW Jackson Street, Suite 400
Topeka, KS 66612-1367
Attention: Heather Merritt

RE: Ambient Air Monitoring Activities – 2/20/2026
City of Galena Construction and Demolition Landfill
KDHE Permit No. 738
Galena, Cherokee County, Kansas

Dear Ms. Merritt,

Air monitoring was conducted on February 20, 2026, according to the Ambient Air Monitoring Protocol dated October 6, 2025, and approved by KDHE on October 29, 2025. The protocol, following Kansas Administrative Regulations (K.A.R.) 28-29-333(b)(1), included the use of a Jerome J605 to monitor hydrogen sulfide (H₂S) in parts per billion (ppb) and a Landtec GEM5000 to monitor methane (CH₄) concentrations as a percent of the lower explosive limit (LEL). These two instruments were calibrated prior to use, and a prevailing northwest wind determined the monitoring locations. A Kestrel 4000 was used on site as a handheld weather meter to determine wind speed, temperature, humidity, dew point, and barometric pressure. A handheld Garmin GPS device was utilized to document the location of each sampling event along the landfill property boundary.

One location was monitored on the upwind (northwest) side of the landfill boundary as a background location, and a total of three additional locations were monitored downwind along the south/southeast sides of the property. The H₂S readings were taken every minute for 15 minutes, and the Time Weighted Average (TWA) was documented as the average of the 15 readings from each location. No detectible concentrations of H₂S (≥ 3 ppb) were observed during any of the individual readings; therefore, all TWA results for H₂S were 0.00 ppm. In addition, no sampling locations registered methane concentrations above 0.0%. A site map is included as an attachment to this letter, and the tables attached below exhibit the air monitoring data (Table 1) and the location and weather conditions (Table 2) of each sampling location. Calibration certificates/reports for both the Jerome J605 and GEM5000 instruments are included as attachments to this letter.

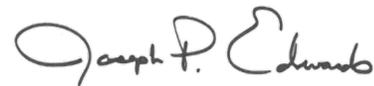
TriCore appreciates your time and consideration on this matter. If you have questions, comments, or need additional information, please do not hesitate to contact the undersigned.

Sincerely,

TriCore Group, LLC



Greg A. Vance



Joe Paul Edwards, P.E.

Attachments: Table 1: Ambient Air Monitoring Data
Table 2: Ambient Air Monitoring Location, Weather, and Observations
Figure 1: Air Monitoring Locations
Instrument Calibration Documents

Cc: Ashley Groves – City of Galena
Michelle Murphy – Jordan Disposal
Mads Gisselbaek – Jordan Disposal

C&D Landfill (No. 738) Ambient Air Monitoring Data

Table 1: Ambient Air Monitoring Data

Sample ID	Date	Time	Individual H ₂ S Readings															H ₂ S TWA	CH ₄
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15		
26022001	2/20/26	1009-1023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.0
26022002	2/20/26	1034-1048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.0
26022003	2/20/26	1059-1113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.0
26022004	2/20/26	1129-1143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.0
26022005	2/20/26	1158	0															n/a	0.0

*The H₂S (hydrogen sulfide) results are reported in parts per million (ppm).

**The CH₄ (methane) results are reported as a percentage of the lower explosive limit (LEL).

Table 2: Ambient Air Monitoring Location, Weather, and Observations

Sample ID	Date	Time	Latitude	Longitude	Wind Direction	Wind Speed (mph)	Temp. (F)	Humidity (%)	Dew Point	Barometric Pressure	Odor Observations
26022001	2/20/26	1009-1023	37.081965	-94.635476	NW	5	32.8	43.9	14.8	29.09	No noticeable odor
26022002	2/20/26	1034-1048	37.078678	-94.628586	NW	4	34.4	52.6	19	29.05	No noticeable odor
26022003	2/20/26	1059-1113	37.078725	-94.630204	NW	6	33.9	53.3	18.3	29.03	Intermittent light sulfur odor; decomposing waste, earthy odor
26022004	2/20/26	1129-1143	37.078591	-94.632015	NW	7	35.6	51.2	21.2	29.05	Intermittent light sulfur odor; decomposing waste, earthy odor
26022005	2/20/26	1158	Scalehouse		n/a	n/a	n/a	n/a	n/a	n/a	No noticeable odor

*Each weather reading is reported as: Wind Speed = miles per hour, Temperature & Dew Point = degrees Fahrenheit, Humidity = percentage, and Barometric Pressure = inches of mercury



FIGURE 1
 AMBIENT AIR MONITORING
 JORDAN DISPOSAL LANDFILL
 AIR MONITORING LOCATIONS 2.20.26



TriCore Group, LLC
 PO Box 720992
 Oklahoma City, OK 73172
 405-256-2277
 www.tricoregrp.com

Address:
 1040 East Front Street
 Galena, KS 66739

County: Cherokee
 Lat: 37.083115
 Long: -94.62861

Drafted by SCM
 Date: 2/23/26
 Project #26C1KS-010



11 Commerce Blvd. | Middleboro, MA 02346
P: 508.946.6200 | F: 508.946.6262

CERTIFICATE NUMBER 384570
CUSTOMER NAME CITY OF GALENA
ADDRESS 211 W 7TH
GALENA KS 66739
USA

CERTIFICATE OF INSTRUMENT CALIBRATION

<u>MODEL</u>	<u>SERIAL NUMBER</u>	<u>CALIBRATION DATE</u>	<u>CALIBRATION DUE DATE</u>
J605-0001	60500759	11/24/2025	11/23/2026

To the NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY within the limitations of the Institute's calibration services, or have been derived from accepted values of natural physical constants, or have been derived by the ratio type of self-calibration techniques. Disclaimer: Any unauthorized adjustments, removal or breaking of QC seals, or other customer modifications on your Jerome Analyzer WILL VOID this factory calibration. Because any of the above acts could affect the calibration and readings of the instrument, their certification will no longer be valid and, further, AMETEK Brookfield WILL NOT be responsible for any liabilities created as a result of using the instrument after such adjustments, seal removal, or modifications. This document shall not be reproduced, except in full, without the written approval of AMETEK Brookfield.

REFERENCE EQUIPMENT USED TO CALIBRATE THE EQUIPMENT

<u>TYPE/MODEL</u>	<u>SERIAL/LOT NUMBER</u>	<u>CALIBRATION DATE</u>	<u>CALIBRATION DUE DATE</u>
Cal Set	CC240536	2/21/2024	2/21/2027
<u>TYPE/MODEL</u>	<u>SERIAL/LOT NUMBER</u>	<u>CALIBRATION DATE</u>	<u>CALIBRATION DUE DATE</u>
Alicat	124604	1/29/2025	1/30/2026
<u>TYPE/MODEL</u>	<u>SERIAL/LOT NUMBER</u>	<u>CALIBRATION DATE</u>	<u>CALIBRATION DUE DATE</u>
Alicat	124602	1/29/2025	1/30/2026
<u>TYPE/MODEL</u>	<u>SERIAL/LOT NUMBER</u>	<u>CALIBRATION DATE</u>	<u>CALIBRATION DUE DATE</u>
Fluke	95640975	8/11/2025	8/11/2026

NIST TRACE # SRM 2730; 65-D-035; CAL013399

PROCEDURE #: 730-0099

All reference equipment used to calibrate the instrument listed upon this certificate have calibrations that are traceable to the National Institute of Standards and Technology (NIST).

APPROVAL SIGNATURE

TODD PLACE, QUALITY MANAGER

CALIBRATION PERFORMED BY JaC

INSTRUMENT CALIBRATION REPORT



Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 36249
Description GEM 5000
Calibrated 2/18/2026 10:57:29AM

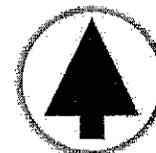
<u>Test Instruments Used During the Calibration</u>					<u>(As Of Cal Entry Date)</u>	
<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Last Cal Date / Opened Date</u>	<u>Next Cal Date / Expiration Date</u>
STL 50 CH4/35 CO2 L#304-4028832 4	STL 50 CH4/35 CO2 L#304-402883248-1	Gasco	X03ME50CP5000 0	304-402883248 -1		10/24/2027
STL GEM+ BLEND L#304-4031295 66-1	STL GEM+ BLEND L#304-403129566-1	Gasco	X03NI99CA34002 8	304-403129566 -1		8/26/2026
STL ZERO AIR L#304-4027967 63-1	STL ZERO AIR L#304-402796763-1	Gasco	AIUZP15	304-402796763 -1		9/6/2027

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Austin Carter

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

**Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance**



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Instrument ID 36249
Description GEM 5000
Calibrated 2/18/2026 10:57:29AM

Manufacturer CES Landtec	State Certified
Model Number GEM 5000	Status Pass
Serial Number/ Lot G503796	Temp °C 22.2
Number	
Location St. Louis	Humidity % 43
Department ENV	

Calibration Specifications

				Range Acc %			
Group # 1				0.0000			
Group Name CO				Reading Acc %			
Stated Accy Pct of Reading				Plus/Minus			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1000.00 / 1000.00	PPM	1000.00	PPM	1,000.00	1,000.00	0.00%	Pass
Group # 2				Range Acc %			
Group Name H2S				Reading Acc %			
Stated Accy Pct of Reading				Plus/Minus			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
50.00 / 50.00	PPM	50.00	PPM	49.00	50.00	0.00%	Pass
Group # 3				Range Acc %			
Group Name CO2				Reading Acc %			
Stated Accy Pct of Reading				Plus/Minus			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
35.00 / 35.00	%Volume	35.00	%Volume	35.80	35.00	0.00%	Pass
Group # 4				Range Acc %			
Group Name CH4				Reading Acc %			
Stated Accy Pct of Reading				Plus/Minus			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
50.00 / 50.00	%Volume	50.00	%Volume	51.30	50.00	0.00%	Pass
Group # 5				Range Acc %			
Group Name O2				Reading Acc %			
Stated Accy Pct of Reading Range				Plus/Minus			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
20.9 / 20.9	%Volume	20.9	%Volume	21.3	20.9	0.00%	Pass