

February 15, 2026

Josh Reed
City Superintendent
1020 S Wood St.
Galena, KS 66739
j.reed@galenaks.gov

RE: Morning Ambient Air Monitoring Activity – 2/15/2026
City of Galena Construction and Demolition Landfill
KDHE Permit No. 738
Galena, Cherokee County, Kansas

Dear Mr. Reed,

Ambient air monitoring was conducted on the morning of February 15, 2026, for hydrogen sulfide (H₂S) around the Jordan Disposal Landfill. This was a “makeup” sampling event, as the consistent rainfall the previous evening did not allow for an evening monitoring event. Per manufacturer recommendations, the Jerome J605 unit was regenerated and fresh air “zeroed” using the appropriate zero air filter prior to sampling the ambient air for H₂S concentrations at eight (8) predetermined locations. Basic weather information was collected at each location at the time of sampling from the Apple Weather Application and documented along with the H₂S reading from the J605 unit. The sampling locations are exhibited in Figure 1 attached to this summary letter, and the collected data is presented in Table 1 below.

Table 1: Ambient Air Monitoring for Hydrogen Sulfide

Testing Address	Date	Time	H ₂ S Reading (PPB)*	Wind Direction	Wind Speed (MPH)	Temp (°F)	Sulfur Odor**
1 st & Galena Ave	2/15/26	0757	0.00	NNE	14	46	No
Front St – E. of Bridge	2/15/26	0801	0.00	NNE	14	46	No
Front & Bellevue St	2/15/26	0804	0.00	NNE	14	46	No
Landfill Gate	2/15/26	0807	0.00	NNE	14	46	No
1401 K 66	2/15/26	0812	0.00	NNE	14	46	No
3 rd & Bellevue St	2/15/26	0816	0.00	NNE	14	47	No
4 th & Lincoln Ave	2/15/26	0820	0.00	NNE	14	47	No
5 th & Joplin St	2/15/26	0824	0.00	NNE	14	47	No

* Readings less than 3 PPB are below the J605 instrument detection range and cannot be accurately verified.

**A value other than “No” in the Odor column indicates the presence of a rotten egg smell indicative of sulfur in a manner described as intermittent or consistent. It may be further described as a light or strong odor indicated by an (L) or (S), respectively. e.g. Intermittent, Intermittent (L), intermittent (S), Consistent, Consistent (L), Consistent (S)

- It must be noted that odor documentation can be subjective, and it is based on the discretion of the technician collecting the data.

The monitoring was conducted by Shane McKinzie, and the opportunity to provide this service is very much appreciated. If you have questions, comments, or need additional information, please do not hesitate to reach out.

Sincerely,



Shane McKinzie
shanemckinzie2@gmail.com
417-499-3481

Ambient Air Monitoring Locations Map

City of Galena, KS C&D Landfill
KDHE Permit No. 738

Legend

-  Sampling Location



1st & Galena

5th & Joplin

4th & Lincoln

3rd & Bellevue

Front & Bellevue

Landfill Gate

1401 K 66

Google Earth

Image © 2026 Airbus

1000 ft

