

December 28, 2025

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

RE: Evening Ambient Air Monitoring Activity – 12/28/2025
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 evening of December 28, 2025, for hydrogen sulfide (H₂S) around the Jordan Disposal Landfill. 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 the six (6) 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)
1 st & Galena Ave	12/28/25	1930	0.00	NW	16	28
Front & Bellevue St	12/28/25	1935	0.00	NNW	16	27
Landfill Gate	12/28/25	1939	0.00	NNW	16	27
1401 K 66	12/28/25	1947	0.00	NW	16	27
3 rd & Bellevue St	12/28/25	1954	0.00	NNW	16	27
4 th & Lincoln Ave	12/28/25	2000	0.00	NNW	16	27

The monitoring was conducted by Shayla 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,



Shayla McKinzie
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417-850-1038

Ambient Air Monitoring Location Map

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

Legend

 Sampling Location



Google Earth

Image © 2025 Airbus

1000 ft