August 17, 2026

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

RE: Evening Ambient Air Monitoring Activity – 8/17/2026
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 evening of August 17, 2026, for hydrogen sulfide (H_2S) 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 H_2S 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 H_2S 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_2S Reading (PPB)*	Wind Direction	Wind Speed (MPH)	Temp (°F)	Sulfur Odor**
1st & Galena Ave	8/17/26	2209	0.00	ENE	4	75	No
Front St – E. of Bridge	8/17/26	2212	0.00	ENE	4	75	No
Front & Bellevue St	8/17/26	2215	0.00	ENE	4	75	No
Landfill Gate	8/17/26	2217	0.00	ENE	4	75	No
1401 K 66	8/17/26	2221	0.00	E	5	75	No
3rd & Bellevue St	8/17/26	2224	0.00	E	5	75	No
4th & Lincoln Ave	8/17/26	2227	0.00	E	4	74	No
5th & Joplin St	8/17/26	2230	0.00	E	4	74	No

* Readings less than 3 PPB are below the J605 instrument detection range and cannot be accurately verified.
**A value of "Yes" indicates the presence of a rotten egg smell indicative of sulfur.
- 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