



October 1, 2024

Mr. Bernard Owens
Solid Waste Division Manager
City of Little Rock Solid Waste Facility
10803 Ironton Cutoff Road
Little Rock, AR 72206

Dear Mr. Owens:

Olsson FTN (Olsson) has completed the Third Quarter 2024 explosive gas and NSPS surface monitoring at the City of Little Rock Solid Waste Facility (Landfill) located in Little Rock, Arkansas. A summary of the monitoring services is provided below.

EXPLOSIVE GAS PERIMETER MONITORING

As required by Arkansas Pollution Control and Ecology Commission Regulation No. 22, FTN conducted the Third Quarter 2024 explosive gas perimeter monitoring on September 24, 2024. The results of the explosive gas monitoring event showed that three locations exceeded the lower explosive limit (LEL) standard for this event. A copy of the completed explosive gas monitoring record form is attached. A copy of this letter and the enclosed monitoring form should be kept in the files at the facility.

NSPS SURFACE MONITORING

Olsson also conducted the Third Quarter 2024 NSPS surface monitoring on September 24, 2024, in accordance with the provisions outlined in Title 40 Code of Federal Regulations (CFR) Part 60.755(c)(1). FTN utilized a Thermo Environmental TVA-1000 Organic Vapor Analyzer to perform the monitoring. The instrument was calibrated using methane calibration gas prior to use as stipulated in Section 4.2 of 40 CFR 60, Appendix A, Method 21. The surface monitoring showed no areas of the Landfill to have surface methane emissions in excess of 500 parts per million.

Olsson appreciates the opportunity to perform this service for you. If you have any questions or require additional information after reviewing this report, please do not hesitate to contact me or Paul W. Crawford, PE, PG, at (501) 225-7779.

Sincerely,

A handwritten signature in blue ink that reads "Mark S. Koch". The signature is fluid and cursive.

Mark S. Koch
Olsson Project Manager

MSK/tas

Attachment

City of Little Rock Solid Waste Facility
Third Quarter 2024
Explosive Gas Monitoring

Equipment Used: GEM 5000
Date: September 24, 2024
Weather Conditions: Partly Cloudy 82F

Monitoring Location	Criteria	Methane % LEL	Oxygen %	Reading Time	Comments
GMP-1	100 % LEL	0.0	14.2	1418	
GMP-2	100 % LEL	0.0	17.0	1426	
GMP-3	100 % LEL	0.0	19.7	1431	
GMP-4	100 % LEL	>100	2.4	1436	
GMP-5	100 % LEL	>100	5.8	1440	
GMP-6	100 % LEL	0.0	4.3	1446	
GMP-7	100 % LEL	>100	1.5	1452	
GMP-8	100 % LEL	0.0	13.2	1458	
GMP-9	100 % LEL	0.0	17.6	1506	
GMP-10	100 % LEL	0.0	18.1	1511	
GMP-11	100 % LEL	0.0	17.4	1517	
SW Office	25% LEL	0.0	20.9	1528	
Collections	25% LEL	0.0	21.0	1541	
Map Room	25% LEL	0.0	20.9	1533	
Scale House	25% LEL	0.0	20.9	1537	
WW Lift Station	25% LEL	0.0	20.9	1546	
Pump House 1	25% LEL	0.0	20.9	1612	
Pump House 2	25% LEL	0.0	20.9	1608	
Pump House 3	25% LEL	0.0	20.9	1604	
Pump House 4	25% LEL	0.0	20.9	1600	
Leachate Pond Vault	25% LEL	0.0	20.9	1552	
Landfill Shop	25% LEL	0.0	20.9	1523	

Conducted by: MCC