



8575 W 110th Street
Suite # 100
Overland Park, KS 66210
913-681-0030
File No. 27226480.00

September 11, 2026

Mayor Ashley Groves
Mayor of Galena
City of Galena
211 W 7th St.
Galena, KS 66739

Subject: Subsurface Air Testing Summary

Dear Mayor Groves:

SCS Engineers (SCS) conducted subsurface landfill gas sampling at the City of Galena Construction and Demolition Landfill on July 28, 2026. The sampling was performed to characterize gases within the landfill waste mass and obtain samples representative of subsurface gas conditions. Subsurface gas samples indicate what gases are present in the landfill and may discharge to the atmosphere.

At each sampling location, a direct-push rig was used to advance a steel probe into the waste mass. After the probe obtained a minimum depth, polyethylene tubing was connected to the probe and sampling train. Before sample collection, SCS purged a minimum of two tubing and sampling-train volumes. A Landtec GEM-5000 portable landfill gas analyzer was then used to measure methane, carbon dioxide, oxygen, and balance gas concentrations. These field measurements were used to evaluate gas quality and confirm that the sampling point exhibited characteristics consistent with landfill gas, without evidence of substantial atmospheric intrusion. Atmospheric air would be indicated by Oxygen levels near 21%.

Following the field screening, gas samples were collected in evacuated 1-liter SilcoCan canisters using a constant-rate flow controller set at approximately 150 milliliters per minute. Initial and final canister vacuum readings were documented, and landfill gas parameters were measured again after sample collection to verify that representative gas conditions were maintained throughout the sampling period. The samples were submitted to SGS North America, Inc. under chain-of-custody procedures for laboratory analysis of fixed gases by ASTM D1946, sulfur compounds by ASTM D5504, and volatile organic compounds by EPA Method TO-15. Samples were analyzed within respective method holding times.

Based on the fixed-gas analytical results, oxygen was substantially depleted relative to typical atmospheric conditions. The depleted oxygen concentrations, considered together with the other measured fixed-gas constituents and field screening results, indicate that the samples collected on July 28, 2026, were representative of subsurface landfill gas conditions. This conclusion is limited to the sampled locations and conditions present at the time of sampling.

Sincerely,



Marilyn Jones
Project Manager
SCS Engineers
913-749-0715
mjones@scsengineers.com



Megan Ostrand
Senior Project Professional
SCS Engineers
913-213-1315
mostrand@scsengineers.com

Enclosure(s): Attachment A: Figure 1 – Approximate Sampling Locations Map
Attachment B: Table 1 – Detection Summary Table
Attachment C: Laboratory Analytical Report



Attachment A

Path: N:\City of Galena\2026GIS\Galena_LF.aprx



Legend

Approximate Landfill Waste Boundary (36.40 acres)

Approximate Sampling Location

050100200

Feet

N

FIGURE

1

PROJECT NO: 27226480.00		DRAWN BY: GS		CITY OF GALENA CONSTRUCTION & DEMOLITION LANDFILL GALENA, KANSAS	SHEET TITLE: Approximate Sampling Locations
PROJECT MNGR: MJ		CHECKED BY: MO			
DESIGNED BY: MO		DATE: 9/8/2026			
PROJECT NAME: Summa NMOC & VOC Testing					
PROJECT LOCATION: 1040 East Front Street, Galena, Kansas				SCS ENGINEERS	

Attachment B

Table 1
Galena Construction and Demolition Landfill
Detection Summary Table
July 28, 2026

		Sample Point Identification																
Parameter	Units	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-7	SP-8	SP-9	SP-10	SP-11	SP-12	SP-13	SP-14	SP-15	SP-10D	SP-13D
Probe depth	ftbgs	10	10	10	10	10	10	10	10	4	10	10	10	10	10	10	10	10
EPA TO-15																		
1,2,4-Trimethylbenzene	ppbv	52	31	27	29	27	23	ND (72)	34	40	ND (22)	ND (37)	27	24	ND (190)	ND (72)	ND (11)	20
1,2-Dichloropropane	ppbv	ND (16)	ND (6.7)	ND (10)	18	28	11	ND (72)	ND (19)	ND (8.9)	ND (22)	ND (37)	67	160	ND (190)	ND (72)	ND (11)	190
1,3,5-Trimethylbenzene	ppbv	29	19	16	18	18	15	ND (72)	23	26	ND (22)	ND (37)	17	ND (21)	ND (190)	ND (72)	ND (11)	14
2-Butanone	ppbv	410	84	120	93	160	120	7,400	860	ND (45)	350	1,800	ND (72)	ND (110)	ND (970)	ND (360)	170	69
2-Hexanone	ppbv	ND (16)	ND (6.7)	ND (10)	ND (17)	ND (14)	ND (11)	ND (72)	29	ND (8.9)	ND (22)	ND (37)	ND (14)	ND (21)	ND (190)	ND (72)	ND (11)	ND (13)
4-Ethyl Toluene	ppbv	67	41	34	35	34	29	ND (72)	46	57	29	ND (37)	32	28	ND (190)	ND (72)	12	27
4-Methyl-2-pentanone	ppbv	24	ND (6.7)	ND (10)	29	70	19	140	82	17	53	190	ND (14)	ND (21)	ND (190)	ND (72)	16	21
Acetone	ppbv	560	240	390	240	460	230	7,200	1,200	93	700	3,200	230	420	ND (970)	ND (360)	360	230
Benzene	ppbv	160	81	63	1,500	2,400	900	2,700	550	50	450	680	620	1,300	23,000	9,500	240	750
Carbon disulfide	ppbv	100	83	110	200	180	83	ND (72)	230	27	360	380	140	150	380	140	230	140
Chloromethane	ppbv	ND (16)	ND (6.7)	ND (10)	ND (17)	ND (14)	ND (11)	ND (72)	ND (19)	ND (8.9)	ND (22)	ND (37)	22	ND (21)	ND (190)	ND (72)	ND (11)	ND (13)
cis-1,2-Dichloroethene	ppbv	ND (16)	14	ND (10)	ND (17)	ND (14)	ND (11)	ND (72)	ND (19)	ND (8.9)	ND (22)	ND (37)	ND (14)	ND (21)	ND (190)	ND (72)	ND (11)	ND (13)
Dichlorodifluoromethane (12)	ppbv	ND (16)	ND (6.7)	ND (10)	ND (17)	31	ND (11)	ND (72)	ND (19)	ND (8.9)	ND (22)	81	ND (14)	42	ND (190)	ND (72)	ND (11)	43
Ethylbenzene	ppbv	97	66	58	94	96	69	ND (72)	140	95	72	85	73	63	230	130	37	64
o-Xylene	ppbv	110	67	59	61	61	52	ND (72)	78	100	59	62	59	56	ND (190)	76	26	53
p,&m-Xylene	ppbv	220	140	120	140	140	110	ND (140)	200	220	130	160	120	110	ND (390)	160	62	110
Styrene	ppbv	ND (16)	6.9	ND (10)	ND (17)	ND (14)	ND (11)	ND (72)	ND (19)	11	ND (22)	ND (37)	ND (14)	ND (21)	ND (190)	ND (72)	ND (11)	ND (13)
Toluene	ppbv	81	81	86	460	640	280	170	290	54	260	320	200	300	3,400	1,500	170	230
Trichloroethene	ppbv	ND (16)	ND (6.7)	ND (10)	ND (17)	ND (14)	ND (11)	ND (72)	ND (19)	ND (8.9)	ND (22)	ND (37)	ND (14)	ND (21)	210	ND (72)	ND (11)	ND (13)
Trichlorofluoromethane (11)	ppbv	ND (16)	ND (6.7)	ND (10)	ND (17)	38	ND (11)	ND (72)	ND (19)	ND (8.9)	24	ND (37)	ND (14)	ND (21)	ND (190)	ND (72)	18	ND (13)
Vinyl chloride	ppbv	ND (16)	10.0	ND (10)	ND (17)	ND (14)	ND (11)	ND (72)	ND (19)	ND (8.9)	ND (22)	ND (37)	ND (14)	ND (21)	ND (190)	ND (72)	ND (11)	ND (13)
ASTM D1946																		
Carbon Dioxide	% v/v	31	16	27	22	24	24	30	18	16	15	26	23	23	29	26	15	21
Oxygen/Argon	% v/v	ND (1.6)	2.3	ND (1.7)	1.7	ND (1.8)	2.2	ND (1.8)	2.3	6.2	4.5	4.0	ND (1.8)	2.4	ND (1.9)	ND (1.8)	5.0	3.5
Nitrogen	% v/v	39	79	66	74	66	70	60	78	77	80	46	71	69	59	62	80	70
Methane	% v/v	29	3.0	6.2	1.7	8.7	4.3	6.9	1.5	0.18	0.14	23	4.5	5.5	10	11	0.16	4.9
ASTM D5504																		
Hydrogen Sulfide	ppmv	110 d	58 d	ND (0.67)	ND (0.67)	ND (0.72)	ND (0.72)	35 d	ND (0.78)	ND (0.59)	ND (0.72)	ND (0.75)	ND (0.72)	13	ND (0.78)	0.91	ND (0.72)	ND (0.84)
Carbonyl Sulfide	ppmv	2.1	0.99	0.80	ND (0.67)	1.3	ND (0.72)	11	1.3	ND (0.59)	ND (0.72)	0.98	1.1	ND (0.67)	1.1	3.0	ND (0.72)	ND (0.84)
Methyl Mercaptan	ppmv	ND (0.63)	ND (0.67)	ND (0.67)	ND (0.67)	ND (0.72)	ND (0.72)	77 d	ND (0.78)	ND (0.59)	ND (0.72)	ND (0.75)	ND (0.72)	ND (0.67)	ND (0.78)	ND (0.72)	ND (0.72)	ND (0.84)
Dimethyl Sulfide	ppmv	ND (0.63)	ND (0.67)	ND (0.67)	ND (0.67)	ND (0.72)	ND (0.72)	27	ND (0.78)	ND (0.59)	ND (0.72)	2.0	ND (0.72)	ND (0.67)	ND (0.78)	ND (0.72)	ND (0.72)	ND (0.84)
Carbon Disulfide	ppmv	ND (0.63)	ND (0.67)	ND (0.67)	ND (0.67)	ND (0.72)	ND (0.72)	1.4	ND (0.78)	ND (0.59)	ND (0.72)	ND (0.75)	ND (0.72)	ND (0.67)	ND (0.78)	1.3	ND (0.72)	ND (0.84)
Dimethyl Disulfide	ppmv	ND (0.63)	ND (0.67)	ND (0.67)	ND (0.67)	ND (0.72)	ND (0.72)	4.6	0.86	ND (0.59)	ND (0.72)	2.2	ND (0.72)	ND (0.67)	ND (0.78)	ND (0.72)	ND (0.72)	ND (0.84)
Total Reduced Sulfur	ppmv	120	59	0.80	ND (0.67)	1.3	ND (0.72)	160	3.0	ND (0.59)	ND (0.72)	7.4	1.1	13	1.1	8.2	ND (0.72)	ND (0.84)

ftbgs - feet below ground surface
ND (0.01) - Not detected above laboratory reporting limit shown in parentheses **Bold Results** - Detections above respective laboratory reporting limit
ppbv - Parts Per Billion by Volume
% v/v - Percent volume
ppmv - Parts Per Million by Volume
d - Laboratory dilution
10D and 13D - Duplicate samples collected from SP-10 and SP-13, respectively.

Attachment C



August 21, 2026

LA Cert #04140
EPA Methods T03, T014A, T015, 25C/3C,
ASTM D1946, RSK-175

TX Cert T104704450-14-6
EPA Methods T014A, T015

ALASKA CS-LAP 24-002
EPA Methods T014A, T015

SCS Engineers
ATTN: Megan Ostrand
8575 W. 110th St., Suite 100
Overland Park, KS 66210

LABORATORY TEST RESULTS

Project Reference: City of Galena Sampling
Project Number: 27226480.00
Lab Number: T073002-01/17

Enclosed are results for sample(s) received 7/30/26 by SGS North America, Inc.
Samples were received intact. Analyses were performed according to specifications on
the chain of custody provided with the sample(s).

Report Narrative:

- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the TNi Standards.
- The enclosed results relate only to the sample(s).

Preliminary results were e-mailed to Megan Ostrand on 8/20/26.

SGS appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Annika Sotelo-Sanchez
Lab Manager
Annika.sotelo-sanchez@sgs.com

Note: The cover letter is an integral part of this analytical report.

SGSSGS North America Inc.
18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
+1 626 964 4032**CHAIN OF CUSTODY RECORD****TURNAROUND TIME****DELIVERABLES****PAGE:** 1**OF** 2Standard ☒ 48 hours ☐
Same Day ☐ 72 hours ☐
24 hours ☐ 96 hours ☐
Other:EDD ☐
EDF ☐
Level 3 ☐
Level 4 ☐

Condition upon receipt:

Sealed Yes ☐ No ☐Intact Yes ☐ No ☐

Chilled _____ deg C

Project No.: 27226490100
Project Name: City of Galena Sampling
Report To: M Ostrand @ SCS engineers.com
Company: SCS Engineers
Street: 8575 Willoth St.
City/State/Zip: Overland Park, KS, 66210
Phone& Fax:
e-mail: MOrstrand@SCSengineers.com**BILLING****ANALYSIS REQUEST**

P.O. No.: Same

Bill to:

LAB USE ONLY**SAMPLE IDENTIFICATION**SAMPLE
DATESAMPLE
TIMECONTAINER
QTY/TYPE

MATRIX

PRESERVA-
TION

ASTM D446 + 00 7/28/26

ASTM D5504

EPA-TO15

T073002-01	SP-1	#4333	7/28/26	1016	C	A		X	X	X				
-02	SP-2	R1085		1044	C	A		X	X	X				
-03	SP-3	J1725		1104	C	A		X	X	X				
-04	SP-4	R5220		1308	C	A		X	X	X				
-05	SP-5	R4341		1442	C	A		X	X	X				
-06	SP-6	R2207		1348	C	A		X	X	X				
-07	SP-7	R4331		1405	C	A		X	X	X				
-08	SP-8	A7668		1440	C	A		X	X	X				
-09	SP-9	R2481		951	C	A		X	X	X				
-10	SP-10	R2479		1530	C	A		X	X	X				

Form-24 Rev. 2

QA 01/2026

AUTHORIZATION TO PERFORM WORK

COMPANY

DATE/TIME

COMMENTS (e.g. units, other special instructions)

SAMPLED BY

COMPANY

DATE/TIME

RELINQUISHED BY

DATE/TIME

RECEIVED BY

DATE/TIME

RELINQUISHED BY

DATE/TIME

RECEIVED BY

DATE/TIME

RELINQUISHED BY

DATE/TIME

RECEIVED BY

DATE/TIME

METHOD OF TRANSPORT (circle one): Walk-In (FedEx) UPS Courier Other _____

DISTRIBUTION: White - Lab Copy / Yellow - Customer Copy

Preservation: H=HCl N=None / Container: B=Bag C=Can V=VOA O=Other



SGS North America Inc.
18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
+1 626 964 4032

CHAIN OF CUSTODY RECORD

TURNAROUND TIME

Standard ☒ 48 hours ☐
Same Day ☐ 72 hours ☐
24 hours ☐ 96 hours ☐
Other:

DELIVERABLES

EDD ☐
EDF ☐
Level 3 ☐
Level 4 ☐

PAGE: 2 OF 2

Condition upon receipt:

Sealed Yes ☐ No ☐
Intact Yes ☐ No ☐
Chilled _____ deg C

Project No.: 27226480.00
Project Name: City of Galena Sampling
Report To: M. Strand @ SCS engineers.com
Company: SCS Engineers
Street: 8575 W 110th St.
City/State/Zip: Overland Park, KS, 66210
Phone& Fax:
e-mail: M. Strand @ SCS engineers.com

BILLING

P.O. No.: Same

Bill to:

ANALYSIS REQUEST

ASTM D 1944

ASTM D 5504

EPA TO15

LAB USE ONLY

SAMPLE IDENTIFICATION

SAMPLE
DATESAMPLE
TIMECONTAINER
QTY/TYPE

MATRIX

PRESERVA-
TION

TD73002-11 SP-11 R 5204
-12 SP-12 R 5216
-13 SP-13 R 10144
-14 SP-14 R 2444
-15 SP-15 R 10150
-16 SP-10P R 5202
-17 SP-13D 1621

7/28/26

1422

C

x

x

x

1152

C

x

x

x

1124

C

x

x

x

1225

C

x

x

x

1208

C

x

x

x

1535

C

x

x

x

1131

C

x

x

x

Form 24 Rev. 2

AUTHORIZATION TO PERFORM WORK

J. Springer

COMPANY

SCS Engineers

DATE/TIME

7/28/26

SAMPLED BY

J. Springer

COMPANY

SCS Engineers

DATE/TIME

7/28/26

RELINQUISHED BY

J. Springer

DATE/TIME

7/29/26 1630

RECEIVED BY

J. Springer

DATE/TIME

7/28/26 0915

RELINQUISHED BY

J. Springer

DATE/TIME

7/30/26

RECEIVED BY

J. Springer

DATE/TIME

7/30/26 0915

RELINQUISHED BY

METHOD OF TRANSPORT (circle one): Walk-In (FedEx) UPS Courier Other

COMMENTS (e.g. units, other special instructions)

QA 01/20/26

DISTRIBUTION: White - Lab Copy / Yellow - Customer Copy

Preservation: H=HCl N=None / Container: B=Bag C=Can V=VOA O=Other

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: ppbv

EPA Method TO-15

Lab No.:	T073002-01		T073002-02		T073002-03		T073002-04	
Client Sample I.D.:	SP-1		SP-2		SP-3		SP-4	
Date/Time Sampled:	7/28/26 10:16		7/28/26 10:44		7/28/26 11:04		7/28/26 13:08	
Date/Time Analyzed:	8/12/26 15:24		8/12/26 18:28		8/12/26 19:06		8/12/26 19:44	
QC Batch No.:	260812MS2A1		260812MS2A1		260812MS2A1		260812MS2A1	
Analyst Initials:	VM/GD		VM/GD		VM/GD		VM/GD	
Dilution Factor:	16		6.7		10		17	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Dichlorodifluoromethane (12)	ND	16	ND	6.7	ND	10	ND	17
Chloromethane	ND	16	ND	6.7	ND	10	ND	17
1,2-CI-1,1,2,2-F ethane (114)	ND	16	ND	6.7	ND	10	ND	17
Vinyl Chloride	ND	16	10.0	6.7	ND	10	ND	17
Bromomethane	ND	16	ND	6.7	ND	10	ND	17
Chloroethane	ND	79	ND	34	ND	51	ND	84
Trichlorofluoromethane (11)	ND	16	ND	6.7	ND	10	ND	17
1,1-Dichloroethene	ND	16	ND	6.7	ND	10	ND	17
Carbon Disulfide	100	16	83	6.7	110	10	200	17
1,1,2-CI 1,2,2-F ethane (113)	ND	16	ND	6.7	ND	10	ND	17
Acetone	560	79	240	34	390	51	240	84
Methylene Chloride	ND	16	ND	6.7	ND	10	ND	17
t-1,2-Dichloroethene	ND	16	ND	6.7	ND	10	ND	17
1,1-Dichloroethane	ND	16	ND	6.7	ND	10	ND	17
Vinyl Acetate	ND	16	ND	6.7	ND	10	ND	17
c-1,2-Dichloroethene	ND	16	14	6.7	ND	10	ND	17
2-Butanone	410	79	84	34	120	51	93	84
t-Butyl Methyl Ether (MTBE)	ND	16	ND	6.7	ND	10	ND	17
Chloroform	ND	16	ND	6.7	ND	10	ND	17
1,1,1-Trichloroethane	ND	16	ND	6.7	ND	10	ND	17
Carbon Tetrachloride	ND	16	ND	6.7	ND	10	ND	17
Benzene	160	16	81	6.7	63	10	1,500	17
1,2-Dichloroethane	ND	16	ND	6.7	ND	10	ND	17
Trichloroethene	ND	16	ND	6.7	ND	10	ND	17
1,2-Dichloropropane	ND	16	ND	6.7	ND	10	18	17
Bromodichloromethane	ND	16	ND	6.7	ND	10	ND	17
c-1,3-Dichloropropene	ND	16	ND	6.7	ND	10	ND	17
4-Methyl-2-Pentanone	24	16	ND	6.7	ND	10	29	17
Toluene	81	16	81	6.7	86	10	460	17
t-1,3-Dichloropropene	ND	32	ND	13	ND	20	ND	34

Client: SCS Engineers
 Attn: Josh Hinson
 Project Name: City of Galena Sampling
 Project No.: 27226480.00
 Date Received: 07/30/26
 Matrix: Air
 Reporting Units: ppbv

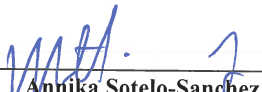
EPA Method TO-15

Lab No.:	T073002-01		T073002-02		T073002-03		T073002-04	
Client Sample I.D.:	SP-1		SP-2		SP-3		SP-4	
Date/Time Sampled:	7/28/26 10:16		7/28/26 10:44		7/28/26 11:04		7/28/26 13:08	
Date/Time Analyzed:	8/12/26 15:24		8/12/26 18:28		8/12/26 19:06		8/12/26 19:44	
QC Batch No.:	260812MS2A1		260812MS2A1		260812MS2A1		260812MS2A1	
Analyst Initials:	VM/GD		VM/GD		VM/GD		VM/GD	
Dilution Factor:	16		6.7		10		17	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,1,2-Trichloroethane	ND	16	ND	6.7	ND	10	ND	17
Tetrachloroethene	ND	16	ND	6.7	ND	10	ND	17
2-Hexanone	ND	16	ND	6.7	ND	10	ND	17
Dibromochloromethane	ND	16	ND	6.7	ND	10	ND	17
1,2-Dibromoethane	ND	16	ND	6.7	ND	10	ND	17
Chlorobenzene	ND	16	ND	6.7	ND	10	ND	17
Ethylbenzene	97	16	66	6.7	58	10	94	17
p,&m-Xylene	220	32	140	13	120	20	140	34
o-Xylene	110	16	67	6.7	59	10	61	17
Styrene	ND	16	6.9	6.7	ND	10	ND	17
Bromoform	ND	16	ND	6.7	ND	10	ND	17
1,1,2,2-Tetrachloroethane	ND	16	ND	6.7	ND	10	ND	17
Benzyl Chloride	ND	16	ND	6.7	ND	10	ND	17
4-Ethyl Toluene	67	16	41	6.7	34	10	35	17
1,3,5-Trimethylbenzene	29	16	19	6.7	16	10	18	17
1,2,4-Trimethylbenzene	52	16	31	6.7	27	10	29	17
1,3-Dichlorobenzene	ND	16	ND	6.7	ND	10	ND	17
1,4-Dichlorobenzene	ND	16	ND	6.7	ND	10	ND	17
1,2-Dichlorobenzene	ND	16	ND	6.7	ND	10	ND	17
1,2,4-Trichlorobenzene	ND	16	ND	6.7	ND	10	ND	17
Hexachlorobutadiene	ND	16	ND	6.7	ND	10	ND	17

RL = Reporting Limit

ND = Not Detected (below RL)

Reviewed/Approved By: _____


 Annika Sotelo-Sanchez
 Lab Manager

Date _____


 Josh Hinson

The cover letter is an integral part of this analytical report

Client: SCS Engineers
 Attn: Josh Hinson
 Project Name: City of Galena Sampling
 Project No.: 27226480.00
 Date Received: 07/30/26
 Matrix: Air
 Reporting Units: ppbv

EPA Method TO-15

Lab No.:	T073002-05		T073002-06		T073002-07		T073002-08	
Client Sample I.D.:	SP-5		SP-6		SP-7		SP-8	
Date/Time Sampled:	7/28/26 12:42		7/28/26 13:48		7/28/26 14:05		7/28/26 14:40	
Date/Time Analyzed:	8/12/26 20:23		8/12/26 21:02		8/13/26 14:51		8/12/26 22:20	
QC Batch No.:	260812MS2A1		260812MS2A1		260813MS2A1		260812MS2A1	
Analyst Initials:	VM/GD		VM/GD		VM/GD		VM/GD	
Dilution Factor:	14		11		72		19	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Dichlorodifluoromethane (12)	31	14	ND	11	ND	72	ND	19
Chloromethane	ND	14	ND	11	ND	72	ND	19
1,2-Cl-1,1,2,2-F ethane (114)	ND	14	ND	11	ND	72	ND	19
Vinyl Chloride	ND	14	ND	11	ND	72	ND	19
Bromomethane	ND	14	ND	11	ND	72	ND	19
Chloroethane	ND	72	ND	54	ND	360	ND	97
Trichlorofluoromethane (11)	38	14	ND	11	ND	72	ND	19
1,1-Dichloroethene	ND	14	ND	11	ND	72	ND	19
Carbon Disulfide	180	14	83	11	ND	72	230	19
1,1,2-Cl 1,2,2-F ethane (113)	ND	14	ND	11	ND	72	ND	19
Acetone	460	72	230	54	7,200	360	1,200	97
Methylene Chloride	ND	14	ND	11	ND	72	ND	19
t-1,2-Dichloroethene	ND	14	ND	11	ND	72	ND	19
1,1-Dichloroethane	ND	14	ND	11	ND	72	ND	19
Vinyl Acetate	ND	14	ND	11	ND	72	ND	19
c-1,2-Dichloroethene	ND	14	ND	11	ND	72	ND	19
2-Butanone	160	72	120	54	7,400	360	860	97
t-Butyl Methyl Ether (MTBE)	ND	14	ND	11	ND	72	ND	19
Chloroform	ND	14	ND	11	ND	72	ND	19
1,1,1-Trichloroethane	ND	14	ND	11	ND	72	ND	19
Carbon Tetrachloride	ND	14	ND	11	ND	72	ND	19
Benzene	2,400	14	900	11	2,700	72	550	19
1,2-Dichloroethane	ND	14	ND	11	ND	72	ND	19
Trichloroethene	ND	14	ND	11	ND	72	ND	19
1,2-Dichloropropane	28	14	11	11	ND	72	ND	19
Bromodichloromethane	ND	14	ND	11	ND	72	ND	19
c-1,3-Dichloropropene	ND	14	ND	11	ND	72	ND	19
4-Methyl-2-Pentanone	70	14	19	11	140	72	82	19
Toluene	640	14	280	11	170	72	290	19
t-1,3-Dichloropropene	ND	29	ND	22	ND	140	ND	39

Client: SCS Engineers
 Attn: Josh Hinson
 Project Name: City of Galena Sampling
 Project No.: 27226480.00
 Date Received: 07/30/26
 Matrix: Air
 Reporting Units: ppbv

EPA Method TO-15

Lab No.:	T073002-05		T073002-06		T073002-07		T073002-08	
Client Sample I.D.:	SP-5		SP-6		SP-7		SP-8	
Date/Time Sampled:	7/28/26 12:42		7/28/26 13:48		7/28/26 14:05		7/28/26 14:40	
Date/Time Analyzed:	8/12/26 20:23		8/12/26 21:02		8/13/26 14:51		8/12/26 22:20	
QC Batch No.:	260812MS2A1		260812MS2A1		260813MS2A1		260812MS2A1	
Analyst Initials:	VM/GD		VM/GD		VM/GD		VM/GD	
Dilution Factor:	14		11		72		19	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,1,2-Trichloroethane	ND	14	ND	11	ND	72	ND	19
Tetrachloroethene	ND	14	ND	11	ND	72	ND	19
2-Hexanone	ND	14	ND	11	ND	72	29	19
Dibromochloromethane	ND	14	ND	11	ND	72	ND	19
1,2-Dibromoethane	ND	14	ND	11	ND	72	ND	19
Chlorobenzene	ND	14	ND	11	ND	72	ND	19
Ethylbenzene	96	14	69	11	ND	72	140	19
p,&m-Xylene	140	29	110	22	ND	140	200	39
o-Xylene	61	14	52	11	ND	72	78	19
Styrene	ND	14	ND	11	ND	72	ND	19
Bromoform	ND	14	ND	11	ND	72	ND	19
1,1,2,2-Tetrachloroethane	ND	14	ND	11	ND	72	ND	19
Benzyl Chloride	ND	14	ND	11	ND	72	ND	19
4-Ethyl Toluene	34	14	29	11	ND	72	46	19
1,3,5-Trimethylbenzene	18	14	15	11	ND	72	23	19
1,2,4-Trimethylbenzene	27	14	23	11	ND	72	34	19
1,3-Dichlorobenzene	ND	14	ND	11	ND	72	ND	19
1,4-Dichlorobenzene	ND	14	ND	11	ND	72	ND	19
1,2-Dichlorobenzene	ND	14	ND	11	ND	72	ND	19
1,2,4-Trichlorobenzene	ND	14	ND	11	ND	72	ND	19
Hexachlorobutadiene	ND	14	ND	11	ND	72	ND	19

RL = Reporting Limit

ND = Not Detected (below RL)

Reviewed/Approved By: _____


 Annika Sotelo-Sanchez
 Lab Manager

Date 8/30/26

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: ppbv

EPA Method TO-15

Lab No.:	T073002-09		T073002-10		T073002-11		T073002-12	
Client Sample I.D.:	SP-9		SP-10		SP-11		SP-12	
Date/Time Sampled:	7/28/26 9:51		7/28/26 15:30		7/28/26 14:22		7/28/26 11:52	
Date/Time Analyzed:	8/14/26 18:48		8/14/26 19:27		8/14/26 20:07		8/14/26 20:47	
QC Batch No.:	260814MS2A1		260814MS2A1		260814MS2A1		260814MS2A1	
Analyst Initials:	VM/GD		VM/GD		VM/GD		VM/GD	
Dilution Factor:	8.9		22		37		14	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Dichlorodifluoromethane (12)	ND	8.9	ND	22	81	37	ND	14
Chloromethane	ND	8.9	ND	22	ND	37	22	14
1,2-Cl-1,1,2,2-F ethane (114)	ND	8.9	ND	22	ND	37	ND	14
Vinyl Chloride	ND	8.9	ND	22	ND	37	ND	14
Bromomethane	ND	8.9	ND	22	ND	37	ND	14
Chloroethane	ND	45	ND	110	ND	190	ND	72
Trichlorofluoromethane (11)	ND	8.9	24	22	ND	37	ND	14
1,1-Dichloroethene	ND	8.9	ND	22	ND	37	ND	14
Carbon Disulfide	27	8.9	360	22	380	37	140	14
1,1,2-Cl 1,2,2-F ethane (113)	ND	8.9	ND	22	ND	37	ND	14
Acetone	93	45	700	110	3,200	190	230	72
Methylene Chloride	ND	8.9	ND	22	ND	37	ND	14
t-1,2-Dichloroethene	ND	8.9	ND	22	ND	37	ND	14
1,1-Dichloroethane	ND	8.9	ND	22	ND	37	ND	14
Vinyl Acetate	ND	8.9	ND	22	ND	37	ND	14
c-1,2-Dichloroethene	ND	8.9	ND	22	ND	37	ND	14
2-Butanone	ND	45	350	110	1,800	190	ND	72
t-Butyl Methyl Ether (MTBE)	ND	8.9	ND	22	ND	37	ND	14
Chloroform	ND	8.9	ND	22	ND	37	ND	14
1,1,1-Trichloroethane	ND	8.9	ND	22	ND	37	ND	14
Carbon Tetrachloride	ND	8.9	ND	22	ND	37	ND	14
Benzene	50	8.9	450	22	680	37	620	14
1,2-Dichloroethane	ND	8.9	ND	22	ND	37	ND	14
Trichloroethene	ND	8.9	ND	22	ND	37	ND	14
1,2-Dichloropropane	ND	8.9	ND	22	ND	37	67	14
Bromodichloromethane	ND	8.9	ND	22	ND	37	ND	14
c-1,3-Dichloropropene	ND	8.9	ND	22	ND	37	ND	14
4-Methyl-2-Pentanone	17	8.9	53	22	190	37	ND	14
Toluene	54	8.9	260	22	320	37	200	14
t-1,3-Dichloropropene	ND	18	ND	43	ND	75	ND	29

Client: SCS Engineers
 Attn: Josh Hinson
 Project Name: City of Galena Sampling
 Project No.: 27226480.00
 Date Received: 07/30/26
 Matrix: Air
 Reporting Units: ppbv

EPA Method TO-15

Lab No.:	T073002-09		T073002-10		T073002-11		T073002-12	
Client Sample I.D.:	SP-9		SP-10		SP-11		SP-12	
Date/Time Sampled:	7/28/26 9:51		7/28/26 15:30		7/28/26 14:22		7/28/26 11:52	
Date/Time Analyzed:	8/14/26 18:48		8/14/26 19:27		8/14/26 20:07		8/14/26 20:47	
QC Batch No.:	260814MS2A1		260814MS2A1		260814MS2A1		260814MS2A1	
Analyst Initials:	VM/GD		VM/GD		VM/GD		VM/GD	
Dilution Factor:	8.9		22		37		14	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,1,2-Trichloroethane	ND	8.9	ND	22	ND	37	ND	14
Tetrachloroethene	ND	8.9	ND	22	ND	37	ND	14
2-Hexanone	ND	8.9	ND	22	ND	37	ND	14
Dibromochloromethane	ND	8.9	ND	22	ND	37	ND	14
1,2-Dibromoethane	ND	8.9	ND	22	ND	37	ND	14
Chlorobenzene	ND	8.9	ND	22	ND	37	ND	14
Ethylbenzene	95	8.9	72	22	85	37	73	14
p,&m-Xylene	220	18	130	43	160	75	120	29
o-Xylene	100	8.9	59	22	62	37	59	14
Styrene	11	8.9	ND	22	ND	37	ND	14
Bromoform	ND	8.9	ND	22	ND	37	ND	14
1,1,2,2-Tetrachloroethane	ND	8.9	ND	22	ND	37	ND	14
Benzyl Chloride	ND	8.9	ND	22	ND	37	ND	14
4-Ethyl Toluene	57	8.9	29	22	ND	37	32	14
1,3,5-Trimethylbenzene	26	8.9	ND	22	ND	37	17	14
1,2,4-Trimethylbenzene	40	8.9	ND	22	ND	37	27	14
1,3-Dichlorobenzene	ND	8.9	ND	22	ND	37	ND	14
1,4-Dichlorobenzene	ND	8.9	ND	22	ND	37	ND	14
1,2-Dichlorobenzene	ND	8.9	ND	22	ND	37	ND	14
1,2,4-Trichlorobenzene	ND	8.9	ND	22	ND	37	ND	14
Hexachlorobutadiene	ND	8.9	ND	22	ND	37	ND	14

RL = Reporting Limit

ND = Not Detected (below RL)

Reviewed/Approved By: _____

Annika Sotelo-Sanchez
 Annika Sotelo-Sanchez
 Lab Manager

Date _____

8/20/26
 8/20/26

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: ppbv

EPA Method TO-15

Lab No.:	T073002-13		T073002-14		T073002-15		T073002-16	
Client Sample I.D.:	SP-13		SP-14		SP-15		SP-10D	
Date/Time Sampled:	7/28/26 11:24		7/28/26 12:25		7/28/26 12:08		7/28/26 15:35	
Date/Time Analyzed:	8/14/26 21:27		8/18/26 18:00		8/17/26 15:13		8/17/26 15:51	
QC Batch No.:	260814MS2A1		260818MS2A1		260817MS2A1		260817MS2A1	
Analyst Initials:	VM/GD		VM/GD		VM/GD		VM/GD	
Dilution Factor:	21		190		72		11	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Dichlorodifluoromethane (12)	42	21	ND	190	ND	72	ND	11
Chloromethane	ND	21	ND	190	ND	72	ND	11
1,2-Cl-1,1,2,2-F ethane (114)	ND	21	ND	190	ND	72	ND	11
Vinyl Chloride	ND	21	ND	190	ND	72	ND	11
Bromomethane	ND	21	ND	190	ND	72	ND	11
Chloroethane	ND	110	ND	970	ND	360	ND	54
Trichlorofluoromethane (11)	ND	21	ND	190	ND	72	18	11
1,1-Dichloroethene	ND	21	ND	190	ND	72	ND	11
Carbon Disulfide	150	21	380	190	140	72	230	11
1,1,2-Cl 1,2,2-F ethane (113)	ND	21	ND	190	ND	72	ND	11
Acetone	420	110	ND	970	ND	360	360	54
Methylene Chloride	ND	21	ND	190	ND	72	ND	11
t-1,2-Dichloroethene	ND	21	ND	190	ND	72	ND	11
1,1-Dichloroethane	ND	21	ND	190	ND	72	ND	11
Vinyl Acetate	ND	21	ND	190	ND	72	ND	11
c-1,2-Dichloroethene	ND	21	ND	190	ND	72	ND	11
2-Butanone	ND	110	ND	970	ND	360	170	54
t-Butyl Methyl Ether (MTBE)	ND	21	ND	190	ND	72	ND	11
Chloroform	ND	21	ND	190	ND	72	ND	11
1,1,1-Trichloroethane	ND	21	ND	190	ND	72	ND	11
Carbon Tetrachloride	ND	21	ND	190	ND	72	ND	11
Benzene	1,300	21	23,000	190	9,500	72	240	11
1,2-Dichloroethane	ND	21	ND	190	ND	72	ND	11
Trichloroethene	ND	21	210	190	ND	72	ND	11
1,2-Dichloropropane	160	21	ND	190	ND	72	ND	11
Bromodichloromethane	ND	21	ND	190	ND	72	ND	11
c-1,3-Dichloropropene	ND	21	ND	190	ND	72	ND	11
4-Methyl-2-Pentanone	ND	21	ND	190	ND	72	16	11
Toluene	300	21	3,400	190	1,500	72	170	11
t-1,3-Dichloropropene	ND	42	ND	390	ND	140	ND	22

Client: SCS Engineers
 Attn: Josh Hinson
 Project Name: City of Galena Sampling
 Project No.: 27226480.00
 Date Received: 07/30/26
 Matrix: Air
 Reporting Units: ppbv

EPA Method TO-15

Lab No.:	T073002-13		T073002-14		T073002-15		T073002-16	
Client Sample I.D.:	SP-13		SP-14		SP-15		SP-10D	
Date/Time Sampled:	7/28/26 11:24		7/28/26 12:25		7/28/26 12:08		7/28/26 15:35	
Date/Time Analyzed:	8/14/26 21:27		8/18/26 18:00		8/17/26 15:13		8/17/26 15:51	
QC Batch No.:	260814MS2A1		260818MS2A1		260817MS2A1		260817MS2A1	
Analyst Initials:	VM/GD		VM/GD		VM/GD		VM/GD	
Dilution Factor:	21		190		72		11	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,1,2-Trichloroethane	ND	21	ND	190	ND	72	ND	11
Tetrachloroethene	ND	21	ND	190	ND	72	ND	11
2-Hexanone	ND	21	ND	190	ND	72	ND	11
Dibromochloromethane	ND	21	ND	190	ND	72	ND	11
1,2-Dibromoethane	ND	21	ND	190	ND	72	ND	11
Chlorobenzene	ND	21	ND	190	ND	72	ND	11
Ethylbenzene	63	21	230	190	130	72	37	11
p,&m-Xylene	110	42	ND	390	160	140	62	22
o-Xylene	56	21	ND	190	76	72	26	11
Styrene	ND	21	ND	190	ND	72	ND	11
Bromoform	ND	21	ND	190	ND	72	ND	11
1,1,2,2-Tetrachloroethane	ND	21	ND	190	ND	72	ND	11
Benzyl Chloride	ND	21	ND	190	ND	72	ND	11
4-Ethyl Toluene	28	21	ND	190	ND	72	12	11
1,3,5-Trimethylbenzene	ND	21	ND	190	ND	72	ND	11
1,2,4-Trimethylbenzene	24	21	ND	190	ND	72	ND	11
1,3-Dichlorobenzene	ND	21	ND	190	ND	72	ND	11
1,4-Dichlorobenzene	ND	21	ND	190	ND	72	ND	11
1,2-Dichlorobenzene	ND	21	ND	190	ND	72	ND	11
1,2,4-Trichlorobenzene	ND	21	ND	190	ND	72	ND	11
Hexachlorobutadiene	ND	21	ND	190	ND	72	ND	11

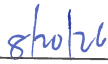
RL = Reporting Limit

ND = Not Detected (below RL)

Reviewed/Approved By: _____


 Annika Sotelo-Sanchez
 Lab Manager

Date _____


 8/10/26

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: ppbv

EPA Method TO-15

Lab No.:	T073002-17						
Client Sample I.D.:	SP-13D						
Date/Time Sampled:	7/28/26 11:31						
Date/Time Analyzed:	8/17/26 16:28						
QC Batch No.:	260817MS2A1						
Analyst Initials:	VM/GD						
Dilution Factor:	13						
ANALYTE	Result ppbv	RL ppbv					
Dichlorodifluoromethane (12)	43	13					
Chloromethane	ND	13					
1,2-Dichloroethane (114)	ND	13					
Vinyl Chloride	ND	13					
Bromomethane	ND	13					
Chloroethane	ND	63					
Trichlorofluoromethane (11)	ND	13					
1,1-Dichloroethene	ND	13					
Carbon Disulfide	140	13					
1,1,2-Dichloroethane (113)	ND	13					
Acetone	230	63					
Methylene Chloride	ND	13					
trans-1,2-Dichloroethene	ND	13					
1,1-Dichloroethane	ND	13					
Vinyl Acetate	ND	13					
cis-1,2-Dichloroethene	ND	13					
2-Butanone	69	63					
trans-Butyl Methyl Ether (MTBE)	ND	13					
Chloroform	ND	13					
1,1,1-Trichloroethane	ND	13					
Carbon Tetrachloride	ND	13					
Benzene	750	13					
1,2-Dichloroethane	ND	13					
Trichloroethene	ND	13					
1,2-Dichloropropane	190	13					
Bromodichloromethane	ND	13					
cis-1,3-Dichloropropene	ND	13					
4-Methyl-2-Pentanone	21	13					
Toluene	230	13					
trans-1,3-Dichloropropene	ND	25					

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: ppbv

EPA Method TO-15

Lab No.:	T073002-17								
Client Sample I.D.:	SP-13D								
Date/Time Sampled:	7/28/26 11:31								
Date/Time Analyzed:	8/17/26 16:28								
QC Batch No.:	260817MS2A1								
Analyst Initials:	VM/GD								
Dilution Factor:	13								
ANALYTE	Result ppbv	RL ppbv							
1,1,2-Trichloroethane	ND	13							
Tetrachloroethene	ND	13							
2-Hexanone	ND	13							
Dibromochloromethane	ND	13							
1,2-Dibromoethane	ND	13							
Chlorobenzene	ND	13							
Ethylbenzene	64	13							
p,&m-Xylene	110	25							
o-Xylene	53	13							
Styrene	ND	13							
Bromoform	ND	13							
1,1,2,2-Tetrachloroethane	ND	13							
Benzyl Chloride	ND	13							
4-Ethyl Toluene	27	13							
1,3,5-Trimethylbenzene	14	13							
1,2,4-Trimethylbenzene	20	13							
1,3-Dichlorobenzene	ND	13							
1,4-Dichlorobenzene	ND	13							
1,2-Dichlorobenzene	ND	13							
1,2,4-Trichlorobenzene	ND	13							
Hexachlorobutadiene	ND	13							

RL = Reporting Limit

ND = Not Detected (below RL)

Reviewed/Approved By: _____


 Annika Sotelo-Sanchez
 Lab Manager

Date _____



The cover letter is an integral part of this analytical report

Client: SCS Engineers
 Attn: Josh Hinson
 Project Name: City of Galena Sampling
 Project No.: 27226480.00
 Date Received: 07/30/26
 Matrix: Air
 Reporting Units: ppbv

EPA Method TO-15

Lab No.:	METHOD BLANK		METHOD BLANK		METHOD BLANK		METHOD BLANK	
Client Sample I.D.:	--		--		--		--	
Date/Time Sampled:	--		--		--		--	
Date/Time Analyzed:	8/12/26 14:11		8/13/26 4:51		8/14/26 7:53		8/17/26 13:58	
QC Batch No.:	260812MS2A1		260813MS2A1		260814MS2A1		260817MS2A1	
Analyst Initials:	VM/GD		VM/GD		VM/GD		VM/GD	
Dilution Factor:	0.20		0.20		0.20		0.20	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Dichlorodifluoromethane (12)	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Chloromethane	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,2-CI-1,1,2,2-F ethane (114)	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Vinyl Chloride	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Bromomethane	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Chloroethane	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Trichlorofluoromethane (11)	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,1-Dichloroethene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Carbon Disulfide	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,1,2-CI 1,2,2-F ethane (113)	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Acetone	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Methylene Chloride	ND	0.20	ND	0.20	ND	0.20	ND	0.20
t-1,2-Dichloroethene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,1-Dichloroethane	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Vinyl Acetate	ND	0.20	ND	0.20	ND	0.20	ND	0.20
c-1,2-Dichloroethene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
2-Butanone	ND	1.0	ND	1.0	ND	1.0	ND	1.0
t-Butyl Methyl Ether (MTBE)	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Chloroform	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,1,1-Trichloroethane	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Carbon Tetrachloride	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Benzene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,2-Dichloroethane	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Trichloroethene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,2-Dichloropropane	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Bromodichloromethane	ND	0.20	ND	0.20	ND	0.20	ND	0.20
c-1,3-Dichloropropene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
4-Methyl-2-Pentanone	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Toluene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
t-1,3-Dichloropropene	ND	0.40	ND	0.40	ND	0.40	ND	0.40

Client: SCS Engineers
 Attn: Josh Hinson
 Project Name: City of Galena Sampling
 Project No.: 27226480.00
 Date Received: 07/30/26
 Matrix: Air
 Reporting Units: ppbv

EPA Method TO-15

Lab No.:	METHOD BLANK		METHOD BLANK		METHOD BLANK		METHOD BLANK	
Client Sample I.D.:	--		--		--		--	
Date/Time Sampled:	--		--		--		--	
Date/Time Analyzed:	8/12/26 14:11		8/13/26 4:51		8/14/26 7:53		8/17/26 13:58	
QC Batch No.:	260812MS2A1		260813MS2A1		260814MS2A1		260817MS2A1	
Analyst Initials:	VM/GD		VM/GD		VM/GD		VM/GD	
Dilution Factor:	0.20		0.20		0.20		0.20	
ANALYTE	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,1,2-Trichloroethane	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Tetrachloroethene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
2-Hexanone	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Dibromochloromethane	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,2-Dibromoethane	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Chlorobenzene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Ethylbenzene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
p,&m-Xylene	ND	0.40	ND	0.40	ND	0.40	ND	0.40
o-Xylene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Styrene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Bromoform	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,1,2,2-Tetrachloroethane	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Benzyl Chloride	ND	0.20	ND	0.20	ND	0.20	ND	0.20
4-Ethyl Toluene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,3,5-Trimethylbenzene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,2,4-Trimethylbenzene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,3-Dichlorobenzene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,4-Dichlorobenzene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,2-Dichlorobenzene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
1,2,4-Trichlorobenzene	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Hexachlorobutadiene	ND	0.20	ND	0.20	ND	0.20	ND	0.20

RL = Reporting Limit

ND = Not Detected (below RL)

Reviewed/Approved By: _____


 Anjika Sotelo-Sanchez
 Lab Manager

Date _____



The cover letter is an integral part of this analytical report

Client: SCS Engineers
 Attn: Josh Hinson
 Project Name: City of Galena Sampling
 Project No.: 27226480.00
 Date Received: 07/30/26
 Matrix: Air
 Reporting Units: ppbv

EPA Method TO-15

Lab No.:	METHOD BLANK								
Client Sample I.D.:	--								
Date/Time Sampled:	--								
Date/Time Analyzed:	8/18/26 13:34								
QC Batch No.:	260818MS2A1								
Analyst Initials:	VM/GD								
Dilution Factor:	0.20								
ANALYTE	Result ppbv	RL ppbv							
Dichlorodifluoromethane (12)	ND	0.20							
Chloromethane	ND	0.20							
1,2-CI-1,1,2,2-F ethane (114)	ND	0.20							
Vinyl Chloride	ND	0.20							
Bromomethane	ND	0.20							
Chloroethane	ND	1.0							
Trichlorofluoromethane (11)	ND	0.20							
1,1-Dichloroethene	ND	0.20							
Carbon Disulfide	ND	0.20							
1,1,2-CI 1,2,2-F ethane (113)	ND	0.20							
Acetone	ND	1.0							
Methylene Chloride	ND	0.20							
t-1,2-Dichloroethene	ND	0.20							
1,1-Dichloroethane	ND	0.20							
Vinyl Acetate	ND	0.20							
c-1,2-Dichloroethene	ND	0.20							
2-Butanone	ND	1.0							
t-Butyl Methyl Ether (MTBE)	ND	0.20							
Chloroform	ND	0.20							
1,1,1-Trichloroethane	ND	0.20							
Carbon Tetrachloride	ND	0.20							
Benzene	ND	0.20							
1,2-Dichloroethane	ND	0.20							
Trichloroethene	ND	0.20							
1,2-Dichloropropane	ND	0.20							
Bromodichloromethane	ND	0.20							
c-1,3-Dichloropropene	ND	0.20							
4-Methyl-2-Pentanone	ND	0.20							
Toluene	ND	0.20							
t-1,3-Dichloropropene	ND	0.40							

Client: SCS Engineers
 Attn: Josh Hinson
 Project Name: City of Galena Sampling
 Project No.: 27226480.00
 Date Received: 07/30/26
 Matrix: Air
 Reporting Units: ppbv

EPA Method TO-15

Lab No.:	METHOD BLANK								
Client Sample I.D.:	--								
Date/Time Sampled:	--								
Date/Time Analyzed:	8/18/26 13:34								
QC Batch No.:	260818MS2A1								
Analyst Initials:	VM/GD								
Dilution Factor:	0.20								
ANALYTE	Result ppbv	RL ppbv							
1,1,2-Trichloroethane	ND	0.20							
Tetrachloroethene	ND	0.20							
2-Hexanone	ND	0.20							
Dibromochloromethane	ND	0.20							
1,2-Dibromoethane	ND	0.20							
Chlorobenzene	ND	0.20							
Ethylbenzene	ND	0.20							
p,&m-Xylene	ND	0.40							
o-Xylene	ND	0.20							
Styrene	ND	0.20							
Bromoform	ND	0.20							
1,1,2,2-Tetrachloroethane	ND	0.20							
Benzyl Chloride	ND	0.20							
4-Ethyl Toluene	ND	0.20							
1,3,5-Trimethylbenzene	ND	0.20							
1,2,4-Trimethylbenzene	ND	0.20							
1,3-Dichlorobenzene	ND	0.20							
1,4-Dichlorobenzene	ND	0.20							
1,2-Dichlorobenzene	ND	0.20							
1,2,4-Trichlorobenzene	ND	0.20							
Hexachlorobutadiene	ND	0.20							

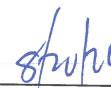
RL = Reporting Limit

ND = Not Detected (below RL)

Reviewed/Approved By: _____


 Annika Sotelo-Sanchez
 Lab Manager

Date _____



The cover letter is an integral part of this analytical report

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 260812MS2A1

Matrix: Air

Reporting Units: ppbv

EPA Method TO-15
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date/Time Analyzed:	8/12/26 14:11			8/12/26 12:57		8/12/26 13:33					
Analyst Initials:	VM/GD			VM/GD		VM/GD					
Dilution Factor:	0.20			1.0		1.0					
ANALYTE	Result ppbv	RL ppbv	AMT. ppbv	Result ppbv	% Rec.	Result ppbv	% Rec.	RPD	Low %Rec	High %Rec	Max. RPD
1,1-Dichloroethene	ND	0.20	10	11.1	111	11.1	111	0.1	70	130	30
Methylene Chloride	ND	0.20	10	10.3	103	10.3	103	0.6	70	130	30
Trichloroethene	ND	0.20	10	10.6	106	10.5	105	1.3	70	130	30
Toluene	ND	0.20	10	10.1	101	10.1	101	0.0	70	130	30
1,1,2,2-Tetrachloroethane	ND	0.20	10	9.90	99	9.83	98	0.7	70	130	30

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: Annika Sotelo-Sanchez
Lab ManagerDate: 8/20/26

The cover letter is an integral part of this analytical report

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 260813MS2A1

Matrix: Air

Reporting Units: ppbv

EPA Method TO-15
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date/Time Analyzed:	8/13/26 4:51	8/13/26 3:32		8/13/26 4:12							
Analyst Initials:	VM/GD	VM/GD		VM/GD							
Dilution Factor:	0.20	1.0		1.0							
ANALYTE	Result ppbv	RL ppbv	AMT. ppbv	Result ppbv	% Rec.	Result ppbv	% Rec.	RPD	Low %Rec	High %Rec	Max. RPD
1,1-Dichloroethene	ND	0.20	10	10.8	108	10.9	109	0.4	70	130	30
Methylene Chloride	ND	0.20	10	10.1	101	10.2	102	0.8	70	130	30
Trichloroethene	ND	0.20	10	10.4	104	10.3	103	0.5	70	130	30
Toluene	ND	0.20	10	9.93	99	9.95	100	0.2	70	130	30
1,1,2,2-Tetrachloroethane	ND	0.20	10	9.60	96	9.63	96	0.3	70	130	30

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____

Annika Sotelo-Sanchez
Lab Manager

Date: _____

The cover letter is an integral part of this analytical report

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 260814MS2A1

Matrix: Air

Reporting Units: ppbv

EPA Method TO-15
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date/Time Analyzed:	8/14/26 7:53			8/14/26 6:34		8/14/26 7:14					
Analyst Initials:	VM/GD			VM/GD		VM/GD					
Dilution Factor:	0.20			1.0		1.0					
ANALYTE	Result ppbv	RL ppbv	AMT. ppbv	Result ppbv	% Rec.	Result ppbv	% Rec.	RPD	Low %Rec	High %Rec	Max. RPD
1,1-Dichloroethene	ND	0.20	10	10.2	102	10.8	108	5.0	70	130	30
Methylene Chloride	ND	0.20	10	9.50	95	10.0	100	5.3	70	130	30
Trichloroethene	ND	0.20	10	9.44	94	9.41	94	0.3	70	130	30
Toluene	ND	0.20	10	8.94	89	8.96	90	0.2	70	130	30
1,1,2,2-Tetrachloroethane	ND	0.20	10	9.31	93	9.59	96	2.9	70	130	30

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____

Annika Sotelo-Sanchez
Lab Manager

Date: _____

The cover letter is an integral part of this analytical report

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 260817MS2A1

Matrix: Air

Reporting Units: ppbv

EPA Method TO-15
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date/Time Analyzed:	8/17/26 13:58			8/17/26 12:43		8/17/26 13:21					
Analyst Initials:	VM/GD			VM/GD		VM/GD					
Dilution Factor:	0.20			1.0		1.0					
ANALYTE	Result ppbv	RL ppbv	AMT. ppbv	Result ppbv	% Rec.	Result ppbv	% Rec.	RPD	Low %Rec	High %Rec	Max. RPD
1,1-Dichloroethene	ND	0.20	10	10.2	102	9.86	99	3.4	70	130	30
Methylene Chloride	ND	0.20	10	9.86	99	9.56	96	3.1	70	130	30
Trichloroethene	ND	0.20	10	9.95	100	9.65	96	3.1	70	130	30
Toluene	ND	0.20	10	9.34	93	9.28	93	0.6	70	130	30
1,1,2,2-Tetrachloroethane	ND	0.20	10	9.52	95	9.55	95	0.3	70	130	30

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____

Annika Sotelo-Sanchez
Lab Manager

Date: _____

The cover letter is an integral part of this analytical report

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 260818MS2A1

Matrix: Air

Reporting Units: ppbv

EPA Method TO-15
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date/Time Analyzed:	8/18/26 13:34			8/18/26 12:19		8/18/26 12:57					
Analyst Initials:	VM/GD			VM/GD		VM/GD					
Dilution Factor:	0.20			1.0		1.0					
ANALYTE	Result ppbv	RL ppbv	AMT. ppbv	Result ppbv	% Rec.	Result ppbv	% Rec.	RPD	Low %Rec	High %Rec	Max. RPD
1,1-Dichloroethene	ND	0.20	10	10.5	105	10.5	105	0.1	70	130	30
Methylene Chloride	ND	0.20	10	9.43	94	9.95	99	5.4	70	130	30
Trichloroethene	ND	0.20	10	10.6	106	10.2	102	3.0	70	130	30
Toluene	ND	0.20	10	10.2	102	10.2	102	0.0	70	130	30
1,1,2,2-Tetrachloroethane	ND	0.20	10	9.87	99	9.69	97	1.8	70	130	30

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____

Annika Sotelo-Sanchez
Lab Manager

Date: _____

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	T073002-01		T073002-02		T073002-03		T073002-04	
Client Sample I.D.:	SP-1		SP-2		SP-3		SP-4	
Date/Time Sampled:	7/28/26 10:16		7/28/26 10:44		7/28/26 11:04		7/28/26 13:08	
Date/Time Analyzed:	8/4/26 12:23		8/4/26 12:37		8/4/26 12:52		8/4/26 13:06	
QC Batch No.:	260804GC8A1		260804GC8A1		260804GC8A1		260804GC8A1	
Analyst Initials:	KD		KD		KD		KD	
Dilution Factor:	3.2		3.4		3.4		3.4	
ANALYTE	Result	RL	Result	RL	Result	RL	Result	RL
	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v
Carbon Dioxide	31	0.032	16	0.034	27	0.034	22	0.034
Oxygen/Argon	ND	1.6	2.3	1.7	ND	1.7	1.7	1.7
Nitrogen	39	3.2	79	3.4	66	3.4	74	3.4
Methane	29	0.0032	3.0	0.0034	6.2	0.0034	1.7	0.0034
Carbon Monoxide	ND	0.0032	ND	0.0034	ND	0.0034	ND	0.0034

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: 
Mark Johnson
Operations Manager

Date 8/3/26

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	T073002-05		T073002-06		T073002-07		T073002-08	
Client Sample I.D.:	SP-5		SP-6		SP-7		SP-8	
Date/Time Sampled:	7/28/26 12:42		7/28/26 13:48		7/28/26 14:05		7/28/26 14:40	
Date/Time Analyzed:	8/4/26 13:21		8/4/26 13:35		8/4/26 13:50		8/4/26 14:04	
QC Batch No.:	260804GC8A1		260804GC8A1		260804GC8A1		260804GC8A1	
Analyst Initials:	KD		KD		KD		KD	
Dilution Factor:	3.6		3.6		3.6		3.9	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Carbon Dioxide	24	0.036	24	0.036	30	0.036	18	0.039
Oxygen/Argon	ND	1.8	2.2	1.8	ND	1.8	2.3	1.9
Nitrogen	66	3.6	70	3.6	60	3.6	78	3.9
Methane	8.7	0.0036	4.3	0.0036	6.9	0.0036	1.5	0.0039
Carbon Monoxide	ND	0.0036	ND	0.0036	ND	0.0036	ND	0.0039

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____


Mark Johnson
Operations Manager

Date _____

8/13/26

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	T073002-09		T073002-10		T073002-11		T073002-12	
Client Sample I.D.:	SP-9		SP-10		SP-11		SP-12	
Date/Time Sampled:	7/28/26 9:51		7/28/26 15:30		7/28/26 14:22		7/28/26 11:52	
Date/Time Analyzed:	8/7/26 14:20		8/7/26 16:17		8/7/26 16:31		8/7/26 16:45	
QC Batch No.:	260807GC8A1		260807GC8A1		260807GC8A1		260807GC8A1	
Analyst Initials:	KD		KD		KD		KD	
Dilution Factor:	3.0		3.6		3.7		3.6	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Carbon Dioxide	16	0.030	15	0.036	26	0.037	23	0.036
Oxygen/Argon	6.2	1.5	4.5	1.8	4.0	1.9	ND	1.8
Nitrogen	77	3.0	80	3.6	46	3.7	71	3.6
Methane	0.18	0.0030	0.14	0.0036	23	0.0037	4.5	0.0036
Carbon Monoxide	ND	0.0030	ND	0.0036	ND	0.0037	ND	0.0036

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: Mark Johnson
Operations Manager

Date 8/13/26

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	T073002-13		T073002-14		T073002-15		T073002-16	
Client Sample I.D.:	SP-13		SP-14		SP-15		SP-10D	
Date/Time Sampled:	7/28/26 11:24		7/28/26 12:25		7/28/26 12:08		7/28/26 15:35	
Date/Time Analyzed:	8/7/26 17:00		8/7/26 17:14		8/7/26 17:29		8/7/26 17:43	
QC Batch No.:	260807GC8A1		260807GC8A1		260807GC8A1		260807GC8A1	
Analyst Initials:	KD		KD		KD		KD	
Dilution Factor:	4.2		3.9		3.6		3.6	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Carbon Dioxide	23	0.042	29	0.039	26	0.036	15	0.036
Oxygen/Argon	2.4	2.1	ND	1.9	ND	1.8	5.0	1.8
Nitrogen	69	4.2	59	3.9	62	3.6	80	3.6
Methane	5.5	0.0042	10	0.0039	11	0.0036	0.16	0.0036
Carbon Monoxide	ND	0.0042	ND	0.0039	ND	0.0036	ND	0.0036

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____


Mark Johnson
Operations Manager

Date _____


8/13/26

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	T073002-17						
Client Sample I.D.:	SP-13D						
Date/Time Sampled:	7/28/26 11:31						
Date/Time Analyzed:	8/7/26 17:58						
QC Batch No.:	260807GC8A1						
Analyst Initials:	KD						
Dilution Factor:	4.2						
ANALYTE	Result % v/v	RL % v/v					
Carbon Dioxide	21	0.042					
Oxygen/Argon	3.5	2.1					
Nitrogen	70	4.2					
Methane	4.9	0.0042					
Carbon Monoxide	ND	0.0042					

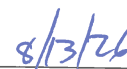
Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)
 RL = Reporting Limit

Reviewed/Approved By: _____


 Mark Johnson
 Operations Manager

Date _____



The cover letter is an integral part of this analytical report

QC Batch No: 260804GC8A1
Matrix: Air
Reporting Units: % v/v

**ASTM D1946
LABORATORY CONTROL SAMPLE SUMMARY**

Lab No.:	METHOD BLANK			LCS		LCSD					
Date Analyzed:	8/4/26 10:56			8/4/26 9:08		8/4/26 9:23					
Analyst Initials:	KD			KD		KD					
Dilution Factor:	1.0			1.0		1.0					
									Limits		
ANALYTE	Result % v/v	RL % v/v	SPIKE AMT. % v/v	Result % v/v	% Rec.	Result % v/v	% Rec.	RPD %	Low %Rec	High %Rec	Max. RPD
Carbon Dioxide	ND	0.010	10	9.80	98	9.83	98	0.4	70	130	30
Oxygen/Argon	ND	0.50	15	15.0	100	15.0	100	0.1	70	130	30
Nitrogen	ND	1.0	70	73.0	105	73.3	105	0.3	70	130	30
Methane	ND	0.0010	0.10	0.0954	94	0.0955	95	0.1	70	130	30
Carbon Monoxide	ND	0.0010	0.101	0.103	102	0.103	102	0.0	70	130	30

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: Mark Johnson
Operations Manager

Date 8/13/26

The cover letter is an integral part of this analytical report

QC Batch No: 260807GC8A1
Matrix: Air
Reporting Units: % v/v

ASTM D1946
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD						
Date Analyzed:	8/7/26 10:43			8/7/26 9:59		8/7/26 10:14						
Analyst Initials:	KD			KD		KD						
Dilution Factor:	1.0			1.0		1.0						
ANALYTE	Result % v/v	RL % v/v	SPIKE AMT. % v/v	Result % v/v	% Rec.	Result % v/v	% Rec.	RPD %	Limits			
									Low %Rec	High %Rec	Max. RPD	
	Carbon Dioxide	ND	0.010	10	8.75	87	8.75	87	0.1	70	130	30
	Oxygen/Argon	ND	0.50	15	15.5	103	15.5	103	0.2	70	130	30
	Nitrogen	ND	1.0	70	72.3	104	72.4	104	0.2	70	130	30
	Methane	ND	0.0010	0.10	0.0935	93	0.0935	93	0.0	70	130	30
	Carbon Monoxide	ND	0.0010	0.101	0.101	100	0.101	100	0.2	70	130	30

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____

Mark Johnson
Operations Manager

Date _____

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: ppmv

ASTM D5504

Lab No.:	T073002-01		T073002-02		T073002-03		T073002-04	
Client Sample I.D.:	SP-1		SP-2		SP-3		SP-4	
Date/Time Sampled:	7/28/26 10:16		7/28/26 10:44		7/28/26 11:04		7/28/26 13:08	
Date/Time Analyzed:	7/31/26 11:11		7/31/26 11:27		7/31/26 11:43		7/31/26 11:58	
QC Batch No.:	260731GC3A1		260731GC3A1		260731GC3A1		260731GC3A1	
Analyst Initials:	HV		HV		HV		HV	
Dilution Factor:	3.2		3.4		3.4		3.4	
ANALYTE	Result ppmv	RL ppmv	Result ppmv	RL ppmv	Result ppmv	RL ppmv	Result ppmv	RL ppmv
Hydrogen Sulfide	110 d	6.3	58 d	6.7	ND	0.67	ND	0.67
Carbonyl Sulfide	2.1	0.63	0.99	0.67	0.80	0.67	ND	0.67
Methyl Mercaptan	ND	0.63	ND	0.67	ND	0.67	ND	0.67
Ethyl Mercaptan	ND	0.63	ND	0.67	ND	0.67	ND	0.67
Dimethyl Sulfide	ND	0.63	ND	0.67	ND	0.67	ND	0.67
Carbon Disulfide	ND	0.63	ND	0.67	ND	0.67	ND	0.67
Dimethyl Disulfide	ND	0.63	ND	0.67	ND	0.67	ND	0.67
Total Reduced Sulfur	120	0.63	59	0.67	0.80	0.67	ND	0.67

ND = Not Detected (below RL)

RL = Reporting Limit

d = Result obtained from a secondary dilution

Reviewed/Approved By: Annika Sotelo-Sanchez
 Annika Sotelo-Sanchez
 Lab Manager

Date 8/12/26

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: ppmv

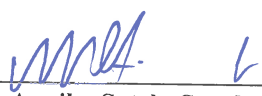
ASTM D5504

Lab No.:	T073002-05		T073002-06		T073002-07		T073002-08	
Client Sample I.D.:	SP-5		SP-6		SP-7		SP-8	
Date/Time Sampled:	7/28/26 12:42		7/28/26 13:48		7/28/26 14:05		7/28/26 14:40	
Date/Time Analyzed:	7/31/26 12:14		7/31/26 12:29		7/31/26 12:45		7/31/26 13:00	
QC Batch No.:	260731GC3A1		260731GC3A1		260731GC3A1		260731GC3A1	
Analyst Initials:	HV		HV		HV		HV	
Dilution Factor:	3.6		3.6		3.6		3.9	
ANALYTE	Result ppmv	RL ppmv	Result ppmv	RL ppmv	Result ppmv	RL ppmv	Result ppmv	RL ppmv
Hydrogen Sulfide	ND	0.72	ND	0.72	35 d	7.2	ND	0.78
Carbonyl Sulfide	1.3	0.72	ND	0.72	11	0.72	1.3	0.78
Methyl Mercaptan	ND	0.72	ND	0.72	77 d	7.2	ND	0.78
Ethyl Mercaptan	ND	0.72	ND	0.72	ND	0.72	ND	0.78
Dimethyl Sulfide	ND	0.72	ND	0.72	27	0.72	ND	0.78
Carbon Disulfide	ND	0.72	ND	0.72	1.4	0.72	ND	0.78
Dimethyl Disulfide	ND	0.72	ND	0.72	4.6	0.72	0.86	0.78
Total Reduced Sulfur	1.3	0.72	ND	0.72	160	0.72	3.0	0.78

ND = Not Detected (below RL)

RL = Reporting Limit

d = Result obtained from a secondary dilution

Reviewed/Approved By: 
 Annika Sotelo-Sanchez
 Lab Manager

Date 8/2/26

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: ppmv

ASTM D5504

Lab No.:	T073002-09		T073002-10		T073002-11		T073002-12	
Client Sample I.D.:	SP-9		SP-10		SP-11		SP-12	
Date/Time Sampled:	7/28/26 9:51		7/28/26 15:30		7/28/26 14:22		7/28/26 11:52	
Date/Time Analyzed:	7/31/26 13:16		7/31/26 13:31		7/31/26 13:47		7/31/26 14:03	
QC Batch No.:	260731GC3A1		260731GC3A1		260731GC3A1		260731GC3A1	
Analyst Initials:	HV		HV		HV		HV	
Dilution Factor:	3.0		3.6		3.7		3.6	
ANALYTE	Result ppmv	RL ppmv	Result ppmv	RL ppmv	Result ppmv	RL ppmv	Result ppmv	RL ppmv
Hydrogen Sulfide	ND	0.59	ND	0.72	ND	0.75	ND	0.72
Carbonyl Sulfide	ND	0.59	ND	0.72	0.98	0.75	1.1	0.72
Methyl Mercaptan	ND	0.59	ND	0.72	ND	0.75	ND	0.72
Ethyl Mercaptan	ND	0.59	ND	0.72	ND	0.75	ND	0.72
Dimethyl Sulfide	ND	0.59	ND	0.72	2.0	0.75	ND	0.72
Carbon Disulfide	ND	0.59	ND	0.72	ND	0.75	ND	0.72
Dimethyl Disulfide	ND	0.59	ND	0.72	2.2	0.75	ND	0.72
Total Reduced Sulfur	ND	0.59	ND	0.72	7.4	0.75	1.1	0.72

ND = Not Detected (below RL)

RL = Reporting Limit

d = Result obtained from a secondary dilution

Reviewed/Approved By: 
 Annika Sotelo-Sanchez
 Lab Manager

Date 8/12/26

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: 07/30/26
Matrix: Air
Reporting Units: ppmv

ASTM D5504

Lab No.:	T073002-13		T073002-14		T073002-15		T073002-16		
Client Sample I.D.:	SP-13		SP-14		SP-15		SP-10D		
Date/Time Sampled:	7/28/26 11:24		7/28/26 12:25		7/28/26 12:08		7/28/26 15:35		
Date/Time Analyzed:	7/31/26 14:18		7/31/26 14:34		7/31/26 14:49		7/31/26 15:05		
QC Batch No.:	260731GC3A1		260731GC3A1		260731GC3A1		260731GC3A1		
Analyst Initials:	HV		HV		HV		HV		
Dilution Factor:	3.4		3.9		3.6		3.6		
ANALYTE	Result ppmv	RL ppmv	Result ppmv	RL ppmv	Result ppmv	RL ppmv	Result ppmv	RL ppmv	
	Hydrogen Sulfide	13	0.67	ND	0.78	0.91	0.72	ND	0.72
	Carbonyl Sulfide	ND	0.67	1.1	0.78	3.0	0.72	ND	0.72
	Methyl Mercaptan	ND	0.67	ND	0.78	ND	0.72	ND	0.72
	Ethyl Mercaptan	ND	0.67	ND	0.78	ND	0.72	ND	0.72
	Dimethyl Sulfide	ND	0.67	ND	0.78	ND	0.72	ND	0.72
	Carbon Disulfide	ND	0.67	ND	0.78	1.3	0.72	ND	0.72
	Dimethyl Disulfide	ND	0.67	ND	0.78	ND	0.72	ND	0.72
	Total Reduced Sulfur	13	0.67	1.1	0.78	8.2	0.72	ND	0.72

ND = Not Detected (below RL)

RL = Reporting Limit

d = Result obtained from a secondary dilution

Reviewed/Approved By: _____


 Annika Sotelo-Sanchez
 Lab Manager

Date 8/12/26

The cover letter is an integral part of this analytical report

Client: SCS Engineers
Attn: Josh Hinson
Project Name: City of Galena Sampling
Project No.: 27226480.00
Date Received: .
Matrix: Air
Reporting Units: ppmv

ASTM D5504

Lab No.:	T073002-17						
Client Sample I.D.:	SP-13D						
Date/Time Sampled:	7/28/26 11:31						
Date/Time Analyzed:	7/31/26 15:20						
QC Batch No.:	260731GC3A1						
Analyst Initials:	HV						
Dilution Factor:	4.2						
ANALYTE	Result ppmv	RL ppmv					
Hydrogen Sulfide	ND	0.84					
Carbonyl Sulfide	ND	0.84					
Methyl Mercaptan	ND	0.84					
Ethyl Mercaptan	ND	0.84					
Dimethyl Sulfide	ND	0.84					
Carbon Disulfide	ND	0.84					
Dimethyl Disulfide	ND	0.84					
Total Reduced Sulfur	ND	0.84					

ND = Not Detected (below RL)

RL = Reporting Limit

d = Result obtained from a secondary dilution

Reviewed/Approved By: _____


Annika Sotelo-Sanchez
Lab Manager

Date _____



The cover letter is an integral part of this analytical report

QC Batch No.: 260731GC3A1

Matrix: Air

Reporting Units: ppmv

ASTM D5504

Lab No.:	METHOD BLANK			LCS		LCSD					
Date/Time Analyzed:	7/31/26 10:54			7/31/26 15:36		7/31/26 15:51					
Analyst Initials:	HV			HV		HV					
Dilution Factor:	1.0			1.0		1.0					
ANALYTE	Result ppmv	RL ppmv	SPIKE AMT. ppmv	Result ppmv	% Rec.	Result ppmv	% Rec.	% RPD	Limits		
									Low %Rec	High %Rec	Max. RPD
Hydrogen Sulfide	ND	0.20	1.20	1.12	93	1.13	94	0.7	70	130	30
Carbonyl Sulfide	ND	0.20	1.18	1.22	103	1.18	100	3.6	70	130	30
Methyl Mercaptan	ND	0.20	1.16	1.13	98	1.13	97	0.6	70	130	30
Ethyl Mercaptan	ND	0.20	1.13	1.04	92	1.05	93	1.1	70	130	30
Dimethyl Sulfide	ND	0.20	1.10	1.14	103	1.15	105	1.3	70	130	30
Carbon Disulfide	ND	0.20	1.15	1.26	110	1.24	108	1.6	70	130	30
Dimethyl Disulfide	ND	0.20	1.12	1.10	99	1.14	102	3.0	70	130	30

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____


Annika Sotelo-Sanchez
Lab Manager

Date 8/12/26

The cover letter is an integral part of this analytical report