2830 Dairy Drive
Madison, WI 53718-6751
608-224-2830
File No. 25226063.00

October 23, 2026

Mr. Justin Duckett
2606 Big Bend Road
Ely, IA 52227

Subject: Well Sampling Results for 2606 Big Bend Road, Ely, IA

Dear Mr. Duckett:

On September 3, 2026, SCS Engineers obtained a sample of water from your water supply well located at 2606 Big Bend Road. This sample was collected as part of the monitoring of the Interstate Power and Light Company Big Bend Closed Landfill. The sample was submitted to Eurofins of Cedar Falls, IA for analysis, and the results of the analysis are included with this letter. No reported concentrations exceed the U.S. Environmental Protection Agency maximum contaminant levels for the protection of public health or Iowa statewide standards for a protected groundwater source.

If you have any questions or comments regarding this matter, please feel free to contact Jenny Coughlin of Alliant Energy at 515-558-9704.

Sincerely,

Lindsey Hawksworth
Project Hydrogeologist
SCS Engineers
lhawksworth@scsengineers.com

Meghan Blodgett
Project Manager
SCS Engineers
mblodgett@scsengineers.com

LH/JC/MDB

Enclosure: Water Supply Well Analytical Results

CC: Brian Rath, IDNR
Jenny Coughlin, Alliant Energy

I:\25226063.00\Deliverables - Working\2026 Duckett Supply Well Letter\2026-10-23_Duckett Supply Well Letter_Final.docx

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ANALYTICAL REPORT

PREPARED FOR

Attn: Meghan Blodgett
SCS Engineers
2830 Dairy Drive
Madison, Wisconsin 53718

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JOB DESCRIPTION

Big Band Landfill
25226063.00

JOB NUMBER

310-340242-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
Samuel Miller, Project Management Assistant I
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Job Narrative
310-340242-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 9/4/2026 11:30 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The continuing calibration verification (CCV) associated with batch 500-885709 recovered above the upper control limit for Be. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Field Service / Mobile Lab
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: SCS Engineers
Project/Site: Big Band Landfill

Job ID: 310-340242-1
SDG: 25226063.00

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-340242-1	2606 Big Bend Road	Water	09/03/26 12:32	09/04/26 11:30	Iowa

Detection Summary

Client: SCS Engineers
Project/Site: Big Band Landfill

Job ID: 310-340242-1
SDG: 25226063.00

Client Sample ID: 2606 Big Bend Road

Lab Sample ID: 310-340242-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12		5.0	2.3	mg/L	5		9056A	Total/NA
Fluoride	0.23	J	1.0	0.18	mg/L	5		9056A	Total/NA
Sulfate	95		5.0	2.1	mg/L	5		9056A	Total/NA
Barium	110		2.5	1.4	ug/L	1		6020B	Total Recoverable
Boron	740		50	13	ug/L	1		6020B	Total Recoverable
Calcium	120		0.20	0.044	mg/L	1		6020B	Total Recoverable
Copper	33		2.0	0.50	ug/L	1		6020B	Total Recoverable
Lead	0.78		0.50	0.19	ug/L	1		6020B	Total Recoverable
Lithium	12		10	2.0	ug/L	1		6020B	Total Recoverable
Magnesium	45000		200	49	ug/L	1		6020B	Total Recoverable
Manganese	3.2		2.5	0.79	ug/L	1		6020B	Total Recoverable
Selenium	7.9		2.5	0.98	ug/L	1		6020B	Total Recoverable
Zinc	180		20	6.9	ug/L	1		6020B	Total Recoverable
Bicarbonate Alkalinity as CaCO3	330		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	330		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	490		50	29	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	--				ft	1		Field Sampling	Total/NA
Oxidation Reduction Potential	125.0				mV	1		Field Sampling	Total/NA
Oxygen, Dissolved	5.05				mg/L	1		Field Sampling	Total/NA
Field pH	7.16				SU	1		Field Sampling	Total/NA
Field Conductivity	913				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	24.8				Degrees C	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SCS Engineers
Project/Site: Big Band Landfill

Job ID: 310-340242-1
SDG: 25226063.00

Client Sample ID: 2606 Big Bend Road
Date Collected: 09/03/26 12:32
Date Received: 09/04/26 11:30

Lab Sample ID: 310-340242-1
Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12**		5.0	2.3	mg/L			09/09/26 12:22	5
Fluoride	**0.23**	**J**	1.0	0.18	mg/L			09/09/26 12:22	5
Sulfate	**95**		5.0	2.1	mg/L			09/09/26 12:22	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.23		1.0	0.23	ug/L		09/14/26 15:00	09/28/26 21:02	1
Barium	**110**		2.5	1.4	ug/L		09/14/26 15:00	09/28/26 21:02	1
Beryllium	<0.24	^+	0.40	0.24	ug/L		09/14/26 15:00	09/28/26 21:02	1
Boron	**740**		50	13	ug/L		09/14/26 15:00	10/02/26 11:41	1
Calcium	**120**		0.20	0.044	mg/L		09/14/26 15:00	10/02/26 11:41	1
Cobalt	<0.40		1.0	0.40	ug/L		09/14/26 15:00	09/28/26 21:02	1
Copper	**33**		2.0	0.50	ug/L		09/14/26 15:00	09/28/26 21:02	1
Iron	<47		100	47	ug/L		09/14/26 15:00	09/28/26 21:02	1
Lead	**0.78**		0.50	0.19	ug/L		09/14/26 15:00	09/28/26 21:02	1
Lithium	**12**		10	2.0	ug/L		09/14/26 15:00	09/30/26 16:48	1
Magnesium	**45000**		200	49	ug/L		09/14/26 15:00	09/30/26 16:48	1
Manganese	**3.2**		2.5	0.79	ug/L		09/14/26 15:00	09/28/26 21:02	1
Molybdenum	<2.5		5.0	2.5	ug/L		09/14/26 15:00	09/28/26 21:02	1
Selenium	**7.9**		2.5	0.98	ug/L		09/14/26 15:00	09/28/26 21:02	1
Zinc	**180**		20	6.9	ug/L		09/14/26 15:00	09/28/26 21:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<2.8		5.0	2.8	mg/L			09/09/26 13:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**330**		5.0	2.5	mg/L			09/08/26 17:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/08/26 17:43	1
Total Alkalinity as CaCO3 (SM 2320B)	**330**		5.0	2.5	mg/L			09/08/26 17:43	1
Total Dissolved Solids (SM 2540C)	**490**		50	29	mg/L			09/09/26 10:35	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	**--**				ft			09/03/26 12:32	1
Oxidation Reduction Potential	**125.0**				mV			09/03/26 12:32	1
Oxygen, Dissolved	**5.05**				mg/L			09/03/26 12:32	1
Field pH	**7.16**				SU			09/03/26 12:32	1
Field Conductivity	**913**				umhos/cm			09/03/26 12:32	1
Field Temperature	**24.8**				Degrees C			09/03/26 12:32	1

Definitions/Glossary

Client: SCS Engineers
Project/Site: Big Band Landfill

Job ID: 310-340242-1
SDG: 25226063.00

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 310-499810/3
Matrix: Water
Analysis Batch: 499810

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.45		1.0	0.45	mg/L			09/09/26 07:08	1
Fluoride	<0.036		0.20	0.036	mg/L			09/09/26 07:08	1
Sulfate	<0.42		1.0	0.42	mg/L			09/09/26 07:08	1

Lab Sample ID: LCS 310-499810/4
Matrix: Water
Analysis Batch: 499810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.63		mg/L		96	90 - 110
Fluoride	2.00	2.04		mg/L		102	90 - 110
Sulfate	10.0	10.1		mg/L		101	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-883620/1-A
Matrix: Water
Analysis Batch: 885709

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 883620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.23		1.0	0.23	ug/L		09/14/26 15:00	09/28/26 20:27	1
Barium	<1.4		2.5	1.4	ug/L		09/14/26 15:00	09/28/26 20:27	1
Beryllium	<0.24	^+	0.40	0.24	ug/L		09/14/26 15:00	09/28/26 20:27	1
Cobalt	<0.40		1.0	0.40	ug/L		09/14/26 15:00	09/28/26 20:27	1
Copper	<0.50		2.0	0.50	ug/L		09/14/26 15:00	09/28/26 20:27	1
Iron	<47		100	47	ug/L		09/14/26 15:00	09/28/26 20:27	1
Lead	<0.19		0.50	0.19	ug/L		09/14/26 15:00	09/28/26 20:27	1
Magnesium	<49		200	49	ug/L		09/14/26 15:00	09/28/26 20:27	1
Manganese	<0.79		2.5	0.79	ug/L		09/14/26 15:00	09/28/26 20:27	1
Molybdenum	<2.5		5.0	2.5	ug/L		09/14/26 15:00	09/28/26 20:27	1
Selenium	<0.98		2.5	0.98	ug/L		09/14/26 15:00	09/28/26 20:27	1
Zinc	<6.9		20	6.9	ug/L		09/14/26 15:00	09/28/26 20:27	1

Lab Sample ID: MB 500-883620/1-A
Matrix: Water
Analysis Batch: 885995

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 883620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<2.0		10	2.0	ug/L		09/14/26 15:00	09/30/26 16:10	1

Lab Sample ID: MB 500-883620/1-A
Matrix: Water
Analysis Batch: 886304

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 883620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<13		50	13	ug/L		09/14/26 15:00	10/02/26 11:07	1
Calcium	<0.044		0.20	0.044	mg/L		09/14/26 15:00	10/02/26 11:07	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-883620/2-A
Matrix: Water
Analysis Batch: 885709

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 883620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	91.5		ug/L		91	80 - 120
Barium	500	475		ug/L		95	80 - 120
Beryllium	50.0	59.1	^+	ug/L		118	80 - 120
Cobalt	500	487		ug/L		97	80 - 120
Copper	250	253		ug/L		101	80 - 120
Iron	1000	955		ug/L		96	80 - 120
Lead	100	97.9		ug/L		98	80 - 120
Magnesium	10000	10900		ug/L		109	80 - 120
Manganese	500	479		ug/L		96	80 - 120
Molybdenum	1000	977		ug/L		98	80 - 120
Selenium	100	90.4		ug/L		90	80 - 120
Zinc	500	479		ug/L		96	80 - 120

Lab Sample ID: LCS 500-883620/2-A
Matrix: Water
Analysis Batch: 885995

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 883620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	100	105		ug/L		105	80 - 120

Lab Sample ID: LCS 500-883620/2-A
Matrix: Water
Analysis Batch: 886304

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 883620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	923		ug/L		92	80 - 120
Calcium	10.0	8.18		mg/L		82	80 - 120

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-499734/1
Matrix: Water
Analysis Batch: 499734

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<2.8		5.0	2.8	mg/L			09/09/26 13:38	1

Lab Sample ID: LCS 310-499734/2
Matrix: Water
Analysis Batch: 499734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	108		mg/L		108	82 - 117

Client: SCS Engineers
Project/Site: Big Band Landfill

Job ID: 310-340242-1
SDG: 25226063.00

Method: SM 2320B - Alkalinity

Lab Sample ID: LCS 310-499657/25
Matrix: Water
Analysis Batch: 499657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	1000	917		mg/L		92	85 - 115

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 310-499693/1
Matrix: Water
Analysis Batch: 499693

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<29		50	29	mg/L			09/09/26 10:35	1

Lab Sample ID: LCS 310-499693/2
Matrix: Water
Analysis Batch: 499693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	976		mg/L		98	89 - 110

HPLC/IC

Analysis Batch: 499810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-340242-1	2606 Big Bend Road	Total/NA	Water	9056A	
MB 310-499810/3	Method Blank	Total/NA	Water	9056A	
LCS 310-499810/4	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 883620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-340242-1	2606 Big Bend Road	Total Recoverable	Water	3005A	
MB 500-883620/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-883620/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 885709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-340242-1	2606 Big Bend Road	Total Recoverable	Water	6020B	883620
MB 500-883620/1-A	Method Blank	Total Recoverable	Water	6020B	883620
LCS 500-883620/2-A	Lab Control Sample	Total Recoverable	Water	6020B	883620

Analysis Batch: 885995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-340242-1	2606 Big Bend Road	Total Recoverable	Water	6020B	883620
MB 500-883620/1-A	Method Blank	Total Recoverable	Water	6020B	883620
LCS 500-883620/2-A	Lab Control Sample	Total Recoverable	Water	6020B	883620

Analysis Batch: 886304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-340242-1	2606 Big Bend Road	Total Recoverable	Water	6020B	883620
MB 500-883620/1-A	Method Blank	Total Recoverable	Water	6020B	883620
LCS 500-883620/2-A	Lab Control Sample	Total Recoverable	Water	6020B	883620

General Chemistry

Analysis Batch: 499657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-340242-1	2606 Big Bend Road	Total/NA	Water	SM 2320B	
LCS 310-499657/25	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 499693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-340242-1	2606 Big Bend Road	Total/NA	Water	SM 2540C	
MB 310-499693/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 310-499693/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 499734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-340242-1	2606 Big Bend Road	Total/NA	Water	I-3765-85	
MB 310-499734/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-499734/2	Lab Control Sample	Total/NA	Water	I-3765-85	

QC Association Summary

Client: SCS Engineers
Project/Site: Big Band Landfill

Job ID: 310-340242-1
SDG: 25226063.00

Field Service / Mobile Lab

Analysis Batch: 501338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-340242-1	2606 Big Bend Road	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: SCS Engineers
Project/Site: Big Band Landfill

Job ID: 310-340242-1
SDG: 25226063.00

Client Sample ID: 2606 Big Bend Road

Date Collected: 09/03/26 12:32
Date Received: 09/04/26 11:30

Lab Sample ID: 310-340242-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	499810	HE7K	EET CF	09/09/26 12:22
Total Recoverable	Prep	3005A			883620	SG	EET CHI	09/14/26 15:00 - 09/14/26 21:00 [1]
Total Recoverable	Analysis	6020B		1	885709	RN	EET CHI	09/28/26 21:02
Total Recoverable	Prep	3005A			883620	SG	EET CHI	09/14/26 15:00 - 09/14/26 21:00 [1]
Total Recoverable	Analysis	6020B		1	886304	PFK	EET CHI	10/02/26 11:41
Total Recoverable	Prep	3005A			883620	SG	EET CHI	09/14/26 15:00 - 09/14/26 21:00 [1]
Total Recoverable	Analysis	6020B		1	885995	RN	EET CHI	09/30/26 16:48
Total/NA	Analysis	I-3765-85		1	499734	F8JX	EET CF	09/09/26 13:38
Total/NA	Analysis	SM 2320B		1	499657	XAZI	EET CF	09/08/26 17:43
Total/NA	Analysis	SM 2540C		1	499693	F8JX	EET CF	09/09/26 10:35
Total/NA	Analysis	Field Sampling		1	501338	FQT6	EET CF	09/03/26 12:32

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Big Band Landfill

Job ID: 310-340242-1
SDG: 25226063.00

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	09-21-26

Laboratory: Eurofins Chicago

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Georgia	State	N/A	05-31-27
Georgia (DW)	State	939	05-31-27
Illinois	NELAP	100201	05-31-27
Indiana	State	C-IL-02	05-31-27
Iowa	State	082	05-01-28
Kansas	NELAP	E-10161	10-31-26
Kentucky (UST)	State	108083	05-31-27
Kentucky (WW)	State	KY90023	12-31-26
Louisiana (All)	NELAP	02046	06-30-27
Minnesota	NELAP	017-999-506	12-31-26
Mississippi	State	NA	05-31-27
North Carolina (WW/SW)	State	291	12-31-26
North Dakota	State	R-194	05-30-27
Oklahoma	State	8908	12-31-26
South Carolina	State	77001	05-31-27
USDA	US Federal Programs	525-25-237-16455	08-25-28
Wisconsin	State	399172840	08-31-27
Wyoming	State	8TMS-Q	05-31-27

Method Summary

Client: SCS Engineers
Project/Site: Big Band Landfill

Job ID: 310-340242-1
SDG: 25226063.00

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CHI
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
SM 2320B	Alkalinity	SM	EET CF
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CF
Field Sampling	Field Sampling	EPA	EET CF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

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310-340242 Chain of Custody

Cooler/Sample Receipt and Temperature Log

Client Information			
Client: CAS			
City/State: CITY		STATE	Project:
Receipt Information			
Date/Time Received:	DATE 9/11/24	TIME 1130	Received By:
Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☑ Client Drop-off ☐ Other:_____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?	☑ Yes ☐ No	*If yes:* Cooler ID:	
Multiple Coolers?	☐ Yes ☑ No	*If yes:* Cooler # _____ of _____	
Cooler Custody Seals Present?	☐ Yes ☑ No	*If yes:* Cooler custody seals intact?	☐ Yes ☐ No
Sample Custody Seals Present?	☐ Yes ☑ No	*If yes:* Sample custody seals intact?	☐ Yes ☐ No
Trip Blank Present?	☐ Yes ☑ No	*If yes:* Which VOA samples are in cooler? ↓	
Temperature Record			
Coolant:	☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____		☐ NONE
Thermometer ID: BB		Correction Factor (°C): 0	
• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): 1.8		Corrected Temp (°C): 1.8	
• **Sample Container Temperature**			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp °C:			
Corrected Temp °C:			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling?		☐ Yes	☐ No
a) *If yes:* Is there evidence that the chilling process began?		☐ Yes	☐ No
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?)		☐ Yes	☐ No
NOTE: If yes, contact PM before proceeding If no, proceed with login			
Additional Comments			

3019 Venture Way
Cedar Falls IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: Michael Morgan	Lab PM: Samuel Miller	Carrier Tracking No(s):	COC No:
Client Contact: Meghan Blodgett	Phone: 515-631-0778	E-Mail: Samuel.Miller@et.eurofinsus.com	State of Origin: IA	Page: 1 of 1
Company: SCS Engineers	PWSID:	Analysis Requested		Job #:
Address: 2830 Dairy Dr	Due Date Requested			Preservation Codes. A - HCL; B - NaOH; C - Zn Acetate; D Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify); Other:
City: Madison	TAT Requested (days)			
State, Zip: WI 53718	Compliance Project: Δ Yes Δ No			
Phone: 608-345-9221	PO #:			
Email: mblodgett@scsengineers.com	WO #:			
Project Name: Big Bend Landfill	Project #: 25226063 00			
Site: Big Bend Landfill	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals, Total	Anions (Cl, F, SO4) Total	Alkalinity, Total	TDS, TSS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	N		
2606 Big Bend Road	9/3/26	12 32	G	W			X	X	X	X		Total Metals List: As, Ba, Be, B, Ca, Co, Cu, Fe, Pb, Li, Mg, Mn, Mo, Se, Zn

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Michael Morgan	9/4/26 11:30	SCS Engineers			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/4/26 1130	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/12/2023

10/5/2026

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 310-340242-1
SDG Number: 25226063.00

Login Number: 340242
List Number: 1
Creator: Hirsch, Preston

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 310-340242-1
SDG Number: 25226063.00

Login Number: 340242
List Number: 2
Creator: Scott, Sherri L

List Source: Eurofins Chicago
List Creation: 09/09/26 01:34 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	Unchilled
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	