

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeff Ramey
TRC Environmental Corporation
6737 W. Washington St., Suite 2100
West Allis, Wisconsin 53214

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JOB DESCRIPTION

RockGen Energy Center - 451482

JOB NUMBER

500-247627-1

Eurofins Chicago

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 Chicago Project Manager.

Compliance Statement

The LOD and LOQ reported are adjusted by the dilution factor when a dilution factor greater than 1 is needed. Additionally, where results are indicated as being reported on a dry weight basis, the LOD and LOQ are adjusted for moisture content as well.

Definitions of Limits

- LOD = Limit of Detection = MDL as defined by 40 CFR part 136 Appendix B
- LOQ = Limit of Quantitation = 3.33 x LOD as defined by Wisconsin
- RL = Report Limit = a concentration supported by a standard in the calibration curves

Authorization



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Authorized for release by
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Case Narrative

Client: TRC Environmental Corporation
Project: RockGen Energy Center - 451482

Job ID: 500-247627-1

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Eurofins Chicago

Job Narrative 500-247627-1

Receipt

The sample was received on 3/16/2024 9:50 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 was 1.1° C.

General Chemistry

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

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Detection Summary

Client: TRC Environmental Corporation
Project/Site: RockGen Energy Center - 451482

Job ID: 500-247627-1

Client Sample ID: SW-01-202403

Lab Sample ID: 500-247627-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	28.0		8.3	3.2	mg/L	1		SM 2540D	Total/NA

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This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Project/Site: RockGen Energy Center - 451482

Job ID: 500-247627-1

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	EET CHI

Protocol References:

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

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Sample Summary

Client: TRC Environmental Corporation
Project/Site: RockGen Energy Center - 451482

Job ID: 500-247627-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
500-247627-1	SW-01-202403	Water	03/14/24 13:45	03/16/24 09:50

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: RockGen Energy Center - 451482

Job ID: 500-247627-1

Client Sample ID: SW-01-202403

Lab Sample ID: 500-247627-1

Date Collected: 03/14/24 13:45

Matrix: Water

Date Received: 03/16/24 09:50

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	28.0		8.3	3.2	mg/L			03/20/24 16:20	1

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Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: RockGen Energy Center - 451482

Job ID: 500-247627-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: RockGen Energy Center - 451482

Job ID: 500-247627-1

General Chemistry

Analysis Batch: 759204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-247627-1	SW-01-202403	Total/NA	Water	SM 2540D	
MB 500-759204/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 500-759204/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: RockGen Energy Center - 451482

Job ID: 500-247627-1

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 500-759204/1
Matrix: Water
Analysis Batch: 759204

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<1.9		5.0	1.9	mg/L			03/20/24 15:50	1

Lab Sample ID: LCS 500-759204/2
Matrix: Water
Analysis Batch: 759204

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	200	185.0		mg/L		93	80 - 120

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Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: RockGen Energy Center - 451482

Job ID: 500-247627-1

Client Sample ID: SW-01-202403

Lab Sample ID: 500-247627-1

Date Collected: 03/14/24 13:45

Matrix: Water

Date Received: 03/16/24 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540D		1	759204	SO	EET CHI	03/20/24 16:20 - 03/20/24 16:22 ¹

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

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

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Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: RockGen Energy Center - 451482

Job ID: 500-247627-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-24

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ORIGIN ID:MSNA (608) 630-4732

TRC ENVIRONMENTAL CORPORATION
999 FOURIER DR STE 101

MADISON, WI 53717
UNITED STATES US

SHIP DATE: 4 MAR 24
ACTWGT: 14.25 LB
CAD: 6991813/SSF02500
DIMS: 14x14x11 IN

BILL THIRD PARTY

TO

EUROFINS ENVIROMENT TESTING
2417 BOND ST

UNIVERSITY PARK IL 60484

(708) 534-6200
TNU:
PO:

REF:

DEPT:

500-247627 Waybi



FedEx
Express



REL#
3785346

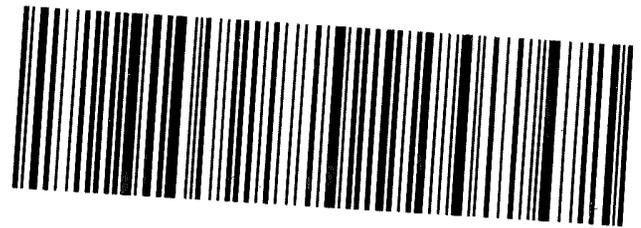
TRK#
0201 2721 8133 0892

FRI - 15 MAR 10:30A
PRIORITY OVERNIGHT

XP JOTA

AHS
60484

IL-US ORD



24 it

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-247627-1

Login Number: 247627

List Number: 1

Creator: Schmidt, Kara

List Source: Eurofins Chicago

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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.1
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

