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ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/21/2024 4:28:59 PM

JOB DESCRIPTION

RockGen Energy Center - 451482

JOB NUMBER

500-247627-1

Eurofins Chicago 2417 Bond Street University Park IL 60484



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 Sandie Fredrick, Senior Project Manager Sandra.Fredrick@et.eurofinsus.com (920)261-1660

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Case Narrative

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

Eurofins Chicago

Job ID: 500-247627-1

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

Job ID: 500-247627-1

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

Detection Summary

Client: TRC Environmental Corporation

Project/Site: RockGen Energy Center - 451482

Client Sample ID: SW-01-202403

Lab Sample ID: 500-247627-1

Job 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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Method Summary

Client: TRC Environmental Corporation

Project/Site: RockGen Energy Center - 451482

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| | | |

Method
SM 2540DMethod Description
Solids, Total Suspended (TSS)Protocol
SMLaboratory
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

Job ID: 500-247627-1

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Sample Summary

Client: TRC Environmental Corporation

Project/Site: RockGen Energy Center - 451482

 Lab Sample ID
 Client Sample ID
 Matrix
 Collected
 Received

 500-247627-1
 SW-01-202403
 Water
 03/14/24 13:45
 03/16/24 09:50

Job ID: 500-247627-1

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Client Sample Results

Client: TRC Environmental Corporation Job ID: 500-247627-1

Project/Site: RockGen Energy Center - 451482

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 | 28.0 | 8.3 | 3.2 mg/L | | | 03/20/24 16:20 | 1 |

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Definitions/Glossary

Client: TRC Environmental Corporation Job ID: 500-247627-1

Project/Site: RockGen Energy Center - 451482

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** Detection Limit (DoD/DOE) DL 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

Eurofins Chicago

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QC Association Summary

Client: TRC Environmental Corporation

Job ID: 500-247627-1 Project/Site: RockGen Energy Center - 451482

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 | |

QC Sample Results

Client: TRC Environmental Corporation

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Project/Site: RockGen Energy Center - 451482

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

Lab Sample ID: MB 500-759204/1

Matrix: Water

Analyte

Analysis Batch: 759204

Total Suspended Solids

Prep Type: Total/NA

1.9 mg/L

MB MB LOQ LOD Unit Result Qualifier Prepared Analyzed Dil Fac 03/20/24 15:50

Lab Sample ID: LCS 500-759204/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

5.0

Matrix: Water

Analysis Batch: 759204

Spike LCS LCS %Rec Added Result Qualifier Unit D %Rec Limits 200 185.0 93 80 - 120 **Total Suspended Solids** mg/L

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Job ID: 500-247627-1

Client Sample ID: Method Blank

Lab Chronicle

Client: TRC Environmental Corporation

Job ID: 500-247627-1 Project/Site: RockGen Energy Center - 451482

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

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|----------|-----|----------|--------|---------|---------|-----------------------------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | 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

Accreditation/Certification Summary

Client: TRC Environmental Corporation

Project/Site: RockGen Energy Center - 451482

ter - 451482

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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Job ID: 500-247627-1

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Eurofins Sacramento

880 Riverside Parkway
West Sacramento CA 95605
Phone 916,373,5500 Fey odd 8

Chain of Custody Record

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| Phone 910-3/3-5600 Fax: 916-372-1059 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | *************************************** | *** | *************************************** | - | | | | | | | | | | | | | |
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| Client Contact. Marshal Tofte | Phone レッシ | 6 3 J | - 4 7 | | Maii andra | r Fred | lrick@ | get.eu | rofinsi | is com | | Sta | tale of Origin: | | | | | Page Page 1 of 1 | |
| Company TRC Environmental Corporation | | | PWSID. | | | | | | A | nalys | is R | eque | sted | | | | | Job#500-24 | 7627 |
| Address, 999 Fourier Drive Suite 101 | Due Date Requesto | ed | 74,000 | | 1 | | | | | | | | Ţ | | | | 2 | Preservation Codes | Hexane |
| City Madison State, Zip | TAT Requested (da | | i | ****************** | 1 | | | | | | | | | | Ų. | | | B NaOH N | None AsNaO2 |
| State, Zip | | | 27 | | _ | Н | tes) | | | | | | | FE | 75 | | | D Nitric Acid | Na2O4S Na2SO3 |
| WI 53717 Phone: | Compliance Project | t. ∆ Yes | ΔNo | - | _ | | analytes) | | | | | | | | | | 集 | F MeOH R | Na2S2O3 - H2SO4 |
| Phone: | Purchase Order W0#: | Requested | Martin Martin Martin Martin | TOTAL PROPERTY OF THE PARTY OF | <u></u> | | t (33 | | | | | | 50 | 0-247 | 627 C | oc | | H Ascorbic Acid | TSP Dodecahydrate Acetone |
| MTofte@trccompanies.com | WO#: | | | | i or | 2 | Standard List (33 | | | | | | | | | | 98 | J DI Water | MCAA pH 4-5 |
| Project Name: RockGen Energy Center | Project# 50021391 | | *************************************** | *************************************** | Š | Ē | tanda | | | | | | | | | | containers | IK EDIA Y | rnzma other /specify) |
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| | | | Sample Type | (W=water S=solid. | 8:32 | | PFC_IDA_WI - | - | | | | | | | | | Total Number | | |
| Sample Identification | Sample Date | Sample Time | (C=comp, G=grab) | 0≃waste/o | | Iŝ | | | | | | | | | | | Otal | Special Instr | uctions/Note |
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| Relinquished by: | Date/T'me | | w | Company | <i></i> | 1 | Receive | ed by | | | | W | | | Date/Ti | | <u> </u> | | ompany |
| Relinquished by: | Date/*ime: | | | Company | | - | Receive | ed by | | | | | | | Date/Ti | me: | *************************************** | Co | ompany |
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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. 4MAR24 ACTWGT: 14.25 LB CAD. 6991813/SSF02500 DINS. 14×14×11 IN

BILL THI O PARTY

EUROFINS ENVIROMENT TESTING 2417 BOND ST



156297-495 R

UNIVERSITY PARK IL 60484
(708) 534-5200
REF:

500-247627 Waybı



FedEx Express

TRK# 2721 8133 0892

FRI - 15 MAR 10:30A PRIORITY OVERNIGHT AHS 60484

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Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-247627-1

Login Number: 247627 List Source: Eurofins Chicago

List Number: 1

Creator: Schmidt, Kara

| oreator. Schilliat, Nara | | |
|--|--------|---------|
| Question | Answer | Comment |
| Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td> | 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 | |

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