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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

ANALYTICAL REPORT

PREPARED FOR

Attn: Linda Fellenz
LF Green Development LLC
3434 Mill Road, Suite 30
Sheboygan, Wisconsin 53083

Generated 5/16/2025 8:14:47 AM

JOB DESCRIPTION

FTB GMIA

JOB NUMBER

500-268221-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

myEOL

Eurofins Chicago

Job Notes

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Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

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.

Authorization

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Job ID: 500-268221-1 — Eurofins Chicago

Job Narrative
500-268221-1

Receipt
The samples were received on 5/13/2025 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.5º C.

GC/MS Semi VOA
Method 8270E: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 500-817692 and analytical batch 500-817789 recovered outside control limits for the following analytes: 1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Anthracene, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene, Chrysene, Dibenz(a,h)anthracene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, Phenanthrene and Pyrene.

Method 8270E: The continuing calibration verification (CCV) associated with batch 500-817789 recovered above the upper control limit for Benzo[a]pyrene. 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.

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

Detection Summary

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Client Sample ID: MW-1 — Lab Sample ID: 500-268221-1

No Detections.

Client Sample ID: MW-3 — Lab Sample ID: 500-268221-2

No Detections.

Client Sample ID: MW-11 — Lab Sample ID: 500-268221-3

No Detections.

Client Sample ID: MW-12 — Lab Sample ID: 500-268221-4

No Detections.

Client Sample ID: MW-23 — Lab Sample ID: 500-268221-5

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CHI

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-268221-1	MW-1	Water	05/09/25 00:00	05/13/25 09:15
500-268221-2	MW-3	Water	05/09/25 10:15	05/13/25 09:15
500-268221-3	MW-11	Water	05/09/25 10:30	05/13/25 09:15
500-268221-4	MW-12	Water	05/09/25 10:45	05/13/25 09:15
500-268221-5	MW-23	Water	05/09/25 11:00	05/13/25 09:15

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Client Sample ID: MW-1
Date Collected: 05/09/25 00:00
Date Received: 05/13/25 09:15

Lab Sample ID: 500-268221-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.27	*	1.8	0.27	ug/L		05/14/25 14:49	05/15/25 22:43	1
2-Methylnaphthalene	<0.058	*	1.8	0.058	ug/L		05/14/25 14:49	05/15/25 22:43	1
Acenaphthene	<0.28	*	0.90	0.28	ug/L		05/14/25 14:49	05/15/25 22:43	1
Acenaphthylene	<0.24	*	0.90	0.24	ug/L		05/14/25 14:49	05/15/25 22:43	1
Anthracene	<0.30	*	0.90	0.30	ug/L		05/14/25 14:49	05/15/25 22:43	1
Benzo[a]anthracene	<0.051	*	0.18	0.051	ug/L		05/14/25 14:49	05/15/25 22:43	1
Benzo[a]pyrene	<0.089	^c *	0.18	0.089	ug/L		05/14/25 14:49	05/15/25 22:43	1
Benzo[b]fluoranthene	<0.072	*	0.18	0.072	ug/L		05/14/25 14:49	05/15/25 22:43	1
Benzo[g,h,i]perylene	<0.34	*	0.90	0.34	ug/L		05/14/25 14:49	05/15/25 22:43	1
Benzo[k]fluoranthene	<0.057	*	0.18	0.057	ug/L		05/14/25 14:49	05/15/25 22:43	1
Chrysene	<0.061	*	0.18	0.061	ug/L		05/14/25 14:49	05/15/25 22:43	1
Dibenz(a,h)anthracene	<0.046	*	0.27	0.046	ug/L		05/14/25 14:49	05/15/25 22:43	1
Fluoranthene	<0.41	*	0.90	0.41	ug/L		05/14/25 14:49	05/15/25 22:43	1
Fluorene	<0.22	*	0.90	0.22	ug/L		05/14/25 14:49	05/15/25 22:43	1
Indeno[1,2,3-cd]pyrene	<0.067	*	0.18	0.067	ug/L		05/14/25 14:49	05/15/25 22:43	1
Naphthalene	<0.28	*	0.90	0.28	ug/L		05/14/25 14:49	05/15/25 22:43	1
Phenanthrene	<0.27	*	0.90	0.27	ug/L		05/14/25 14:49	05/15/25 22:43	1
Pyrene	<0.38	*	0.90	0.38	ug/L		05/14/25 14:49	05/15/25 22:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*34 - 110*	*05/14/25 14:49*	*05/15/25 22:43*	*1*
Nitrobenzene-d5 (Surr)	*87*		*36 - 120*	*05/14/25 14:49*	*05/15/25 22:43*	*1*
Terphenyl-d14 (Surr)	*96*		*40 - 145*	*05/14/25 14:49*	*05/15/25 22:43*	*1*

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Client Sample ID: MW-3
Date Collected: 05/09/25 10:15
Date Received: 05/13/25 09:15

Lab Sample ID: 500-268221-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.26	*	1.7	0.26	ug/L		05/14/25 14:49	05/15/25 23:04	1
2-Methylnaphthalene	<0.057	*	1.7	0.057	ug/L		05/14/25 14:49	05/15/25 23:04	1
Acenaphthene	<0.27	*	0.87	0.27	ug/L		05/14/25 14:49	05/15/25 23:04	1
Acenaphthylene	<0.23	*	0.87	0.23	ug/L		05/14/25 14:49	05/15/25 23:04	1
Anthracene	<0.29	*	0.87	0.29	ug/L		05/14/25 14:49	05/15/25 23:04	1
Benzo[a]anthracene	<0.049	*	0.17	0.049	ug/L		05/14/25 14:49	05/15/25 23:04	1
Benzo[a]pyrene	<0.086	^c *	0.17	0.086	ug/L		05/14/25 14:49	05/15/25 23:04	1
Benzo[b]fluoranthene	<0.070	*	0.17	0.070	ug/L		05/14/25 14:49	05/15/25 23:04	1
Benzo[g,h,i]perylene	<0.33	*	0.87	0.33	ug/L		05/14/25 14:49	05/15/25 23:04	1
Benzo[k]fluoranthene	<0.056	*	0.17	0.056	ug/L		05/14/25 14:49	05/15/25 23:04	1
Chrysene	<0.059	*	0.17	0.059	ug/L		05/14/25 14:49	05/15/25 23:04	1
Dibenz(a,h)anthracene	<0.044	*	0.26	0.044	ug/L		05/14/25 14:49	05/15/25 23:04	1
Fluoranthene	<0.39	*	0.87	0.39	ug/L		05/14/25 14:49	05/15/25 23:04	1
Fluorene	<0.21	*	0.87	0.21	ug/L		05/14/25 14:49	05/15/25 23:04	1
Indeno[1,2,3-cd]pyrene	<0.065	*	0.17	0.065	ug/L		05/14/25 14:49	05/15/25 23:04	1
Naphthalene	<0.27	*	0.87	0.27	ug/L		05/14/25 14:49	05/15/25 23:04	1
Phenanthrene	<0.26	*	0.87	0.26	ug/L		05/14/25 14:49	05/15/25 23:04	1
Pyrene	<0.37	*	0.87	0.37	ug/L		05/14/25 14:49	05/15/25 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*34 - 110*	*05/14/25 14:49*	*05/15/25 23:04*	*1*
Nitrobenzene-d5 (Surr)	*97*		*36 - 120*	*05/14/25 14:49*	*05/15/25 23:04*	*1*
Terphenyl-d14 (Surr)	*94*		*40 - 145*	*05/14/25 14:49*	*05/15/25 23:04*	*1*

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Client Sample ID: MW-11
Date Collected: 05/09/25 10:30
Date Received: 05/13/25 09:15

Lab Sample ID: 500-268221-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.28	*	1.8	0.28	ug/L		05/14/25 14:49	05/15/25 16:42	1
2-Methylnaphthalene	<0.060	*	1.8	0.060	ug/L		05/14/25 14:49	05/15/25 16:42	1
Acenaphthene	<0.28	*	0.92	0.28	ug/L		05/14/25 14:49	05/15/25 16:42	1
Acenaphthylene	<0.25	*	0.92	0.25	ug/L		05/14/25 14:49	05/15/25 16:42	1
Anthracene	<0.31	*	0.92	0.31	ug/L		05/14/25 14:49	05/15/25 16:42	1
Benzo[a]anthracene	<0.052	*	0.18	0.052	ug/L		05/14/25 14:49	05/15/25 16:42	1
Benzo[a]pyrene	<0.091	*	0.18	0.091	ug/L		05/14/25 14:49	05/15/25 16:42	1
Benzo[b]fluoranthene	<0.074	*	0.18	0.074	ug/L		05/14/25 14:49	05/15/25 16:42	1
Benzo[g,h,i]perylene	<0.34	*	0.92	0.34	ug/L		05/14/25 14:49	05/15/25 16:42	1
Benzo[k]fluoranthene	<0.059	*	0.18	0.059	ug/L		05/14/25 14:49	05/15/25 16:42	1
Chrysene	<0.063	*	0.18	0.063	ug/L		05/14/25 14:49	05/15/25 16:42	1
Dibenz(a,h)anthracene	<0.047	*	0.28	0.047	ug/L		05/14/25 14:49	05/15/25 16:42	1
Fluoranthene	<0.42	*	0.92	0.42	ug/L		05/14/25 14:49	05/15/25 16:42	1
Fluorene	<0.22	*	0.92	0.22	ug/L		05/14/25 14:49	05/15/25 16:42	1
Indeno[1,2,3-cd]pyrene	<0.069	*	0.18	0.069	ug/L		05/14/25 14:49	05/15/25 16:42	1
Naphthalene	<0.28	*	0.92	0.28	ug/L		05/14/25 14:49	05/15/25 16:42	1
Phenanthrene	<0.28	*	0.92	0.28	ug/L		05/14/25 14:49	05/15/25 16:42	1
Pyrene	<0.39	*	0.92	0.39	ug/L		05/14/25 14:49	05/15/25 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*62*		*34 - 110*	*05/14/25 14:49*	*05/15/25 16:42*	*1*
Nitrobenzene-d5 (Surr)	*61*		*36 - 120*	*05/14/25 14:49*	*05/15/25 16:42*	*1*
Terphenyl-d14 (Surr)	*70*		*40 - 145*	*05/14/25 14:49*	*05/15/25 16:42*	*1*

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Client Sample ID: MW-12
Date Collected: 05/09/25 10:45
Date Received: 05/13/25 09:15

Lab Sample ID: 500-268221-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.28	*	1.8	0.28	ug/L		05/14/25 14:49	05/15/25 17:08	1
2-Methylnaphthalene	<0.060	*	1.8	0.060	ug/L		05/14/25 14:49	05/15/25 17:08	1
Acenaphthene	<0.28	*	0.92	0.28	ug/L		05/14/25 14:49	05/15/25 17:08	1
Acenaphthylene	<0.25	*	0.92	0.25	ug/L		05/14/25 14:49	05/15/25 17:08	1
Anthracene	<0.31	*	0.92	0.31	ug/L		05/14/25 14:49	05/15/25 17:08	1
Benzo[a]anthracene	<0.052	*	0.18	0.052	ug/L		05/14/25 14:49	05/15/25 17:08	1
Benzo[a]pyrene	<0.091	*	0.18	0.091	ug/L		05/14/25 14:49	05/15/25 17:08	1
Benzo[b]fluoranthene	<0.074	*	0.18	0.074	ug/L		05/14/25 14:49	05/15/25 17:08	1
Benzo[g,h,i]perylene	<0.34	*	0.92	0.34	ug/L		05/14/25 14:49	05/15/25 17:08	1
Benzo[k]fluoranthene	<0.059	*	0.18	0.059	ug/L		05/14/25 14:49	05/15/25 17:08	1
Chrysene	<0.063	*	0.18	0.063	ug/L		05/14/25 14:49	05/15/25 17:08	1
Dibenz(a,h)anthracene	<0.047	*	0.28	0.047	ug/L		05/14/25 14:49	05/15/25 17:08	1
Fluoranthene	<0.42	*	0.92	0.42	ug/L		05/14/25 14:49	05/15/25 17:08	1
Fluorene	<0.22	*	0.92	0.22	ug/L		05/14/25 14:49	05/15/25 17:08	1
Indeno[1,2,3-cd]pyrene	<0.069	*	0.18	0.069	ug/L		05/14/25 14:49	05/15/25 17:08	1
Naphthalene	<0.28	*	0.92	0.28	ug/L		05/14/25 14:49	05/15/25 17:08	1
Phenanthrene	<0.28	*	0.92	0.28	ug/L		05/14/25 14:49	05/15/25 17:08	1
Pyrene	<0.39	*	0.92	0.39	ug/L		05/14/25 14:49	05/15/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*34 - 110*	*05/14/25 14:49*	*05/15/25 17:08*	*1*
Nitrobenzene-d5 (Surr)	*76*		*36 - 120*	*05/14/25 14:49*	*05/15/25 17:08*	*1*
Terphenyl-d14 (Surr)	*82*		*40 - 145*	*05/14/25 14:49*	*05/15/25 17:08*	*1*

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Client Sample ID: MW-23
Date Collected: 05/09/25 11:00
Date Received: 05/13/25 09:15

Lab Sample ID: 500-268221-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.25	*	1.6	0.25	ug/L		05/14/25 14:49	05/15/25 17:33	1
2-Methylnaphthalene	<0.053	*	1.6	0.053	ug/L		05/14/25 14:49	05/15/25 17:33	1
Acenaphthene	<0.25	*	0.82	0.25	ug/L		05/14/25 14:49	05/15/25 17:33	1
Acenaphthylene	<0.22	*	0.82	0.22	ug/L		05/14/25 14:49	05/15/25 17:33	1
Anthracene	<0.27	*	0.82	0.27	ug/L		05/14/25 14:49	05/15/25 17:33	1
Benzo[a]anthracene	<0.046	*	0.16	0.046	ug/L		05/14/25 14:49	05/15/25 17:33	1
Benzo[a]pyrene	<0.081	*	0.16	0.081	ug/L		05/14/25 14:49	05/15/25 17:33	1
Benzo[b]fluoranthene	<0.066	*	0.16	0.066	ug/L		05/14/25 14:49	05/15/25 17:33	1
Benzo[g,h,i]perylene	<0.31	*	0.82	0.31	ug/L		05/14/25 14:49	05/15/25 17:33	1
Benzo[k]fluoranthene	<0.052	*	0.16	0.052	ug/L		05/14/25 14:49	05/15/25 17:33	1
Chrysene	<0.056	*	0.16	0.056	ug/L		05/14/25 14:49	05/15/25 17:33	1
Dibenz(a,h)anthracene	<0.042	*	0.25	0.042	ug/L		05/14/25 14:49	05/15/25 17:33	1
Fluoranthene	<0.37	*	0.82	0.37	ug/L		05/14/25 14:49	05/15/25 17:33	1
Fluorene	<0.20	*	0.82	0.20	ug/L		05/14/25 14:49	05/15/25 17:33	1
Indeno[1,2,3-cd]pyrene	<0.061	*	0.16	0.061	ug/L		05/14/25 14:49	05/15/25 17:33	1
Naphthalene	<0.25	*	0.82	0.25	ug/L		05/14/25 14:49	05/15/25 17:33	1
Phenanthrene	<0.25	*	0.82	0.25	ug/L		05/14/25 14:49	05/15/25 17:33	1
Pyrene	<0.35	*	0.82	0.35	ug/L		05/14/25 14:49	05/15/25 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*34 - 110*	*05/14/25 14:49*	*05/15/25 17:33*	*1*
Nitrobenzene-d5 (Surr)	*81*		*36 - 120*	*05/14/25 14:49*	*05/15/25 17:33*	*1*
Terphenyl-d14 (Surr)	*89*		*40 - 145*	*05/14/25 14:49*	*05/15/25 17:33*	*1*

Definitions/Glossary

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
^c	CCV Recovery is outside acceptance limits.

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

QC Association Summary

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

GC/MS Semi VOA

Prep Batch: 817692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268221-1	MW-1	Total/NA	Water	3510C	
500-268221-2	MW-3	Total/NA	Water	3510C	
500-268221-3	MW-11	Total/NA	Water	3510C	
500-268221-4	MW-12	Total/NA	Water	3510C	
500-268221-5	MW-23	Total/NA	Water	3510C	
MB 500-817692/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-817692/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-817692/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 817785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268221-3	MW-11	Total/NA	Water	8270E	817692
500-268221-4	MW-12	Total/NA	Water	8270E	817692
500-268221-5	MW-23	Total/NA	Water	8270E	817692

Analysis Batch: 817789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268221-1	MW-1	Total/NA	Water	8270E	817692
500-268221-2	MW-3	Total/NA	Water	8270E	817692
MB 500-817692/1-A	Method Blank	Total/NA	Water	8270E	817692
LCS 500-817692/2-A	Lab Control Sample	Total/NA	Water	8270E	817692
LCSD 500-817692/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	817692

Surrogate Summary

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(34-110)	(36-120)	(40-145)
500-268221-1	MW-1	81	87	96
500-268221-2	MW-3	89	97	94
500-268221-3	MW-11	62	61	70
500-268221-4	MW-12	75	76	82
500-268221-5	MW-23	79	81	89
LCS 500-817692/2-A	Lab Control Sample	64	75	83
LCSD 500-817692/3-A	Lab Control Sample Dup	85	96	100
MB 500-817692/1-A	Method Blank	63	73	86

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-817692/1-A
Matrix: Water
Analysis Batch: 817789

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 817692

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		05/14/25 14:49	05/15/25 16:00	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		05/14/25 14:49	05/15/25 16:00	1
Acenaphthene	<0.25		0.80	0.25	ug/L		05/14/25 14:49	05/15/25 16:00	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		05/14/25 14:49	05/15/25 16:00	1
Anthracene	<0.27		0.80	0.27	ug/L		05/14/25 14:49	05/15/25 16:00	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		05/14/25 14:49	05/15/25 16:00	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		05/14/25 14:49	05/15/25 16:00	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		05/14/25 14:49	05/15/25 16:00	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		05/14/25 14:49	05/15/25 16:00	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		05/14/25 14:49	05/15/25 16:00	1
Chrysene	<0.055		0.16	0.055	ug/L		05/14/25 14:49	05/15/25 16:00	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		05/14/25 14:49	05/15/25 16:00	1
Fluoranthene	<0.36		0.80	0.36	ug/L		05/14/25 14:49	05/15/25 16:00	1
Fluorene	<0.20		0.80	0.20	ug/L		05/14/25 14:49	05/15/25 16:00	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		05/14/25 14:49	05/15/25 16:00	1
Naphthalene	<0.25		0.80	0.25	ug/L		05/14/25 14:49	05/15/25 16:00	1
Phenanthrene	<0.24		0.80	0.24	ug/L		05/14/25 14:49	05/15/25 16:00	1
Pyrene	<0.34		0.80	0.34	ug/L		05/14/25 14:49	05/15/25 16:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*34 - 110*	*05/14/25 14:49*	*05/15/25 16:00*	*1*
Nitrobenzene-d5 (Surr)	*73*		*36 - 120*	*05/14/25 14:49*	*05/15/25 16:00*	*1*
Terphenyl-d14 (Surr)	*86*		*40 - 145*	*05/14/25 14:49*	*05/15/25 16:00*	*1*

Lab Sample ID: LCS 500-817692/2-A
Matrix: Water
Analysis Batch: 817789

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 817692

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	40.0	27.3		ug/L		68	38 - 110
2-Methylnaphthalene	40.0	27.6		ug/L		69	34 - 110
Acenaphthene	40.0	27.9		ug/L		70	46 - 110
Acenaphthylene	40.0	28.1		ug/L		70	47 - 113
Anthracene	40.0	32.1		ug/L		80	67 - 118
Benzo[a]anthracene	40.0	30.9		ug/L		77	70 - 126
Benzo[a]pyrene	40.0	35.5		ug/L		89	70 - 135
Benzo[b]fluoranthene	40.0	34.5		ug/L		86	69 - 136
Benzo[g,h,i]perylene	40.0	31.2		ug/L		78	70 - 135
Benzo[k]fluoranthene	40.0	34.1		ug/L		85	70 - 133
Chrysene	40.0	30.8		ug/L		77	68 - 129
Dibenz(a,h)anthracene	40.0	33.5		ug/L		84	70 - 134
Fluoranthene	40.0	33.0		ug/L		83	68 - 126
Fluorene	40.0	29.8		ug/L		74	53 - 120
Indeno[1,2,3-cd]pyrene	40.0	33.2		ug/L		83	65 - 133
Naphthalene	40.0	26.7		ug/L		67	36 - 110
Phenanthrene	40.0	31.7		ug/L		79	65 - 120
Pyrene	40.0	30.9		ug/L		77	70 - 126

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-817692/2-A
Matrix: Water
Analysis Batch: 817789

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 817692

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	64		34 - 110
Nitrobenzene-d5 (Surr)	75		36 - 120
Terphenyl-d14 (Surr)	83		40 - 145

Lab Sample ID: LCSD 500-817692/3-A
Matrix: Water
Analysis Batch: 817789

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 817692

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			40.0	37.5	*	ug/L		94	38 - 110	31	20
2-Methylnaphthalene			40.0	38.2	*	ug/L		95	34 - 110	32	20
Acenaphthene			40.0	39.1	*	ug/L		98	46 - 110	33	20
Acenaphthylene			40.0	38.9	*	ug/L		97	47 - 113	32	20
Anthracene			40.0	43.3	*	ug/L		108	67 - 118	29	20
Benzo[a]anthracene			40.0	41.0	*	ug/L		103	70 - 126	28	20
Benzo[a]pyrene			40.0	47.8	*	ug/L		119	70 - 135	29	20
Benzo[b]fluoranthene			40.0	43.9	*	ug/L		110	69 - 136	24	20
Benzo[g,h,i]perylene			40.0	43.6	*	ug/L		109	70 - 135	33	20
Benzo[k]fluoranthene			40.0	46.5	*	ug/L		116	70 - 133	31	20
Chrysene			40.0	41.1	*	ug/L		103	68 - 129	28	20
Dibenz(a,h)anthracene			40.0	47.2	*	ug/L		118	70 - 134	34	20
Fluoranthene			40.0	46.9	*	ug/L		117	68 - 126	35	20
Fluorene			40.0	42.5	*	ug/L		106	53 - 120	35	20
Indeno[1,2,3-cd]pyrene			40.0	46.8	*	ug/L		117	65 - 133	34	20
Naphthalene			40.0	36.5	*	ug/L		91	36 - 110	31	20
Phenanthrene			40.0	42.3	*	ug/L		106	65 - 120	28	20
Pyrene			40.0	38.6	*	ug/L		97	70 - 126	22	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	85		34 - 110
Nitrobenzene-d5 (Surr)	96		36 - 120
Terphenyl-d14 (Surr)	100		40 - 145

Lab Chronicle

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Client Sample ID: MW-1
Date Collected: 05/09/25 00:00
Date Received: 05/13/25 09:15

Lab Sample ID: 500-268221-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			817692	LG	EET CHI	05/14/25 14:49
Total/NA	Analysis	8270E		1	817789	LEG	EET CHI	05/15/25 22:43

Client Sample ID: MW-3
Date Collected: 05/09/25 10:15
Date Received: 05/13/25 09:15

Lab Sample ID: 500-268221-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			817692	LG	EET CHI	05/14/25 14:49
Total/NA	Analysis	8270E		1	817789	LEG	EET CHI	05/15/25 23:04

Client Sample ID: MW-11
Date Collected: 05/09/25 10:30
Date Received: 05/13/25 09:15

Lab Sample ID: 500-268221-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			817692	LG	EET CHI	05/14/25 14:49
Total/NA	Analysis	8270E		1	817785	LEG	EET CHI	05/15/25 16:42

Client Sample ID: MW-12
Date Collected: 05/09/25 10:45
Date Received: 05/13/25 09:15

Lab Sample ID: 500-268221-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			817692	LG	EET CHI	05/14/25 14:49
Total/NA	Analysis	8270E		1	817785	LEG	EET CHI	05/15/25 17:08

Client Sample ID: MW-23
Date Collected: 05/09/25 11:00
Date Received: 05/13/25 09:15

Lab Sample ID: 500-268221-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			817692	LG	EET CHI	05/14/25 14:49
Total/NA	Analysis	8270E		1	817785	LEG	EET CHI	05/15/25 17:33

Laboratory References:

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

Accreditation/Certification Summary

Client: LF Green Development LLC
Project/Site: FTB GMIA

Job ID: 500-268221-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	399172840	08-31-25

Chicago
2417 Bond Street

University Park, IL 60466
phone 708 534 5200 fax 708.534 5363

eurofins

Chain of Custody Record

Client Contact	Project Manager: Linda Fellenz	Site Contact: Linda Fellenz	Date: 09/19/2024	COC No
LF Green Development	Tel/Fax: 414-254-4813	Lab Contact:	Carrier:	1 of 1 COCs
3434 Mill Rd, Suite 30	Analysis Turnaround Time			Job No 500-268221
Sheboygan	Calendar (C) or Work Days (W) 3-day			SDG No
WI	TAT if different from Below			
53083	☐ 2 weeks			
Project Name FTB GMIA	☐ 1 week			
FTB GMIA	☐ 2 days			
P O #	☐ 1 day			

500-268221 COC

	Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	PAH	Sample Specific Notes
1	MW-1	5/9/25	0 00	G	GW	2		X	
2	MW-3	5/9/25	1015	G	GW	2		X	
3	MW-11	5/9/25	1030	G	GW	2		X	
4	MW-12	5/9/25	1045	G	GW	2		X	
5	MW-23	5/9/25	1100	G	GW	2		X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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

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

Special Instructions/QC Requirements & Comments:

0.9+1.5 48ft

Relinquished by	Company: LF Green	Date/Time: 5/12/25 1100	Received by	Company 5/12/25 1100	Date/Time:
Relinquished by	Company 5/12/25	Date/Time: 1630 Eurofins	Received by Stephanie Hernandez	Company EETA	Date/Time: 5/13/25 0915
Relinquished by	Company	Date/Time:	Received by	Company	Date/Time:

Login Sample Receipt Checklist

Client: LF Green Development LLC

Job Number: 500-268221-1

Login Number: 268221
List Number: 1
Creator: Hernandez, Stephanie

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	1.5
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	