

Haley Griffith (adpce.ad)

From: Acree, Matt J <Matt.Acree@terracon.com>
Sent: Friday, August 30, 2024 4:10 PM
To: EE GW Reports
Cc: Jaros, David G.; Owens, Bernard
Subject: CoLR Appendix II Analytical (AFIN: 60-01071)
Attachments: CoLR Appendix II Analytical.pdf

To whom it may concern,

Please find attached the Appendix II sampling data from the City of Little Rock Landfill (AFIN: 60-01071) collected 01/31/2024.

Thanks,

Matt Acree, P.G.

Staff Geologist



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Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

Private and confidential as detailed here (www.terracon.com/disclaimer). If you cannot access the hyperlink, please e-mail sender.



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August 30, 2024

Office of Land Resources
Division of Environmental Quality
5301 North Shore Drive
North Little Rock, AR 72118-5317

**Subject: First Half of 2024 Appendix II Analytical Data
City of Little Rock Class 1 Landfill
Permit No. 266-1 AFIN: 60-01071
Document ID References: 82584 and 83305
Terracon Project No. 35247009**

To whom it may concern:

On behalf of the City of Little Rock Landfill, Terracon is pleased to submit the enclosed results of the Appendix II analytical event conducted on January 31, 2024 at the City of Little Rock Landfill as discussed in Document ID 82584 and 83305. Please note that there were no additional detections for any constituents that are not already part of the current analytical list with the exception of sulfide. Sulfide will be added to the current analytical list for all future events. The contract laboratory will also be notified to submit these results to DEQ separately.

Terracon appreciates the opportunity to provide environmental services for your facility. If you have any questions, please contact me or David Jaros at (501) 847-9292.

Sincerely,
Terracon Consultants, Inc.

A handwritten signature in blue ink that reads "Matt Acree".

Matt Acree, P.G.
Project Geologist

A handwritten signature in blue ink that reads "David Jaros".

David Jaros, P.G.
Project Manager

Enclosed: Appendix II Analytical Data
CC: Bernard Owens – Director, City of Little Rock Landfill



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. David Jaros
Terracon Consultants Inc
25809 I-90
Bryant, Arkansas 72022
Generated 2/9/2024 10:03:51 AM

JOB DESCRIPTION

City of Little Rock L.F.

JOB NUMBER

192-9129-1

Eurofins Arkansas

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.

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Authorization



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Authorized for release by
Steve Bradford, Lab Director
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Definitions/Glossary

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

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

Case Narrative

Client: Terracon Consultants Inc
Project: City of Little Rock L.F.

Job ID: 192-9129-1

Job ID: 192-9129-1

Eurofins Arkansas

Job Narrative 192-9129-1

Receipt

The samples were received on 1/31/2024 2:20 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.1° C, 0.1° C, 0.1° C and 0.1° C.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-143870 recovered outside acceptance criteria, low biased, for Acrolein and Iodomethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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

GC/MS Semi VOA

Methods 8270D, 8270E: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-143969 and analytical batch 860-143965 recovered outside control limits for the following analyte: p-Phenylene diamine. p-Phenylene diamine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270E: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-143969 and analytical batch 860-143965 recovered outside control limits for the following analyte: 3,3'-Dimethylbenzidine.

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

GC Semi VOA

Method 8081B: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-143804 and analytical batch 860-144044 recovered outside control limits for the following analytes: 4,4'-DDD, 4,4'-DDE, alpha-BHC, beta-BHC, delta-BHC, Endosulfan I, Endrin, Endrin aldehyde and gamma-BHC (Lindane). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8081B: The DCB (Decachlorobiphenyl) surrogate recovery for the following samples was outside acceptance limits (low biased) on the primary column: MW-6B (192-9129-3). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 8151A: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-143971 and 860-143972 and analytical batch 860-144183 recovered outside control limits for the following analyte(s): Dinoseb. Dinoseb has been identified as a poor performing analyte when analyzed using this method.

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

Metals

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

General Chemistry

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

Organic Prep

Methods 3510C, 625: During the extraction process, heavy emulsion occurred. Sample was filtered through sodium sulfate to remove emulsion.

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

VOA Prep

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

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Client Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-2A

Lab Sample ID: 192-9129-1

Date Collected: 01/31/24 12:03

Matrix: Water

Date Received: 01/31/24 14:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.10		0.10		mg/L			02/05/24 23:19	1
Acrylonitrile	<0.050		0.050		mg/L			02/05/24 23:19	1
Bromoform	<0.0050		0.0050		mg/L			02/05/24 23:19	1
Bromochloromethane	<0.0010		0.0010		mg/L			02/05/24 23:19	1
Bromodichloromethane	<0.0010		0.0010		mg/L			02/05/24 23:19	1
Bromomethane	<0.0050		0.0050		mg/L			02/05/24 23:19	1
2-Butanone	<0.050		0.050		mg/L			02/05/24 23:19	1
Carbon disulfide	<0.0050		0.0050		mg/L			02/05/24 23:19	1
Carbon tetrachloride	<0.0050		0.0050		mg/L			02/05/24 23:19	1
Chlorobenzene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
Chloroform	<0.0010		0.0010		mg/L			02/05/24 23:19	1
Chloromethane	<0.010		0.010		mg/L			02/05/24 23:19	1
cis-1,2-Dichloroethene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
cis-1,3-Dichloropropene	<0.0050		0.0050		mg/L			02/05/24 23:19	1
Dibromochloromethane	<0.0050		0.0050		mg/L			02/05/24 23:19	1
Dibromomethane	<0.0010		0.0010		mg/L			02/05/24 23:19	1
1,2-Dichlorobenzene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
1,4-Dichlorobenzene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
1,1-Dichloroethane	<0.0010		0.0010		mg/L			02/05/24 23:19	1
1,2-Dichloroethane	<0.0010		0.0010		mg/L			02/05/24 23:19	1
1,1-Dichloroethene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
1,2-Dichloropropane	<0.0050		0.0050		mg/L			02/05/24 23:19	1
Ethylbenzene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
2-Hexanone	<0.050		0.050		mg/L			02/05/24 23:19	1
Iodomethane (Methyl Iodide)	<0.020	*	0.020		mg/L			02/05/24 23:19	1
Methylene Chloride	<0.0050		0.0050		mg/L			02/05/24 23:19	1
4-Methyl-2-pentanone	<0.050		0.050		mg/L			02/05/24 23:19	1
m,p-Xylenes	<0.010		0.010		mg/L			02/05/24 23:19	1
o-Xylene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
Styrene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010		mg/L			02/05/24 23:19	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010		mg/L			02/05/24 23:19	1
Tetrachloroethylene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
Toluene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
trans-1,2-Dichloroethene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
trans-1,3-Dichloropropene	<0.0050		0.0050		mg/L			02/05/24 23:19	1
trans-1,4-Dichloro-2-butene	<0.010		0.010		mg/L			02/05/24 23:19	1
1,1,1-Trichloroethane	<0.0050		0.0050		mg/L			02/05/24 23:19	1
1,1,2-Trichloroethane	<0.0010		0.0010		mg/L			02/05/24 23:19	1
Trichloroethene	<0.0050		0.0050		mg/L			02/05/24 23:19	1
Trichlorofluoromethane	<0.0010		0.0010		mg/L			02/05/24 23:19	1
1,2,3-Trichloropropane	<0.0010		0.0010		mg/L			02/05/24 23:19	1
Vinyl acetate	<0.020		0.020		mg/L			02/05/24 23:19	1
Vinyl chloride	<0.0020		0.0020		mg/L			02/05/24 23:19	1
Xylenes, Total	<0.010		0.010		mg/L			02/05/24 23:19	1
Acrolein	<0.050		0.050		mg/L			02/05/24 23:19	1
Allyl Chloride (3-Chloropropene)	<0.0050		0.0050		mg/L			02/05/24 23:19	1
Benzene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
Chloroethane	<0.010		0.010		mg/L			02/05/24 23:19	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-2A

Lab Sample ID: 192-9129-1

Date Collected: 01/31/24 12:03

Matrix: Water

Date Received: 01/31/24 14:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroprene	<0.0050		0.0050		mg/L			02/05/24 23:19	1
1,3-Dichlorobenzene	<0.0010		0.0010		mg/L			02/05/24 23:19	1
Dichlorodifluoromethane	<0.0010		0.0010		mg/L			02/05/24 23:19	1
1,3-Dichloropropane	<0.0050		0.0050		mg/L			02/05/24 23:19	1
2,2-Dichloropropane	<0.0050		0.0050		mg/L			02/05/24 23:19	1
1,1-Dichloropropene	<0.0050		0.0050		mg/L			02/05/24 23:19	1
Isobutanol	<0.050		0.050		mg/L			02/05/24 23:19	1
Methacrylonitrile	<0.010		0.010		mg/L			02/05/24 23:19	1
Propane Nitrile (Propionitrile)	<0.010		0.010		mg/L			02/05/24 23:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 144					02/05/24 23:19	1
4-Bromofluorobenzene (Surr)	92		74 - 124					02/05/24 23:19	1
Dibromofluoromethane (Surr)	100		75 - 131					02/05/24 23:19	1
Toluene-d8 (Surr)	98		80 - 120					02/05/24 23:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Acenaphthylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Acetophenone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
4-Aminobiphenyl (4-Biphenylamine)	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
2-Acetylaminofluorene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Benzo[a]anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Benzo[a]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Benzo[b]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Benzo[k]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Benzo[g,h,i]perylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Benzyl alcohol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
Bis(2-chloroethoxy)methane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Bis(2-chloroethyl)ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Bis(2-ethylhexyl) phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
bis (2-chloroisopropyl) ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
4-Bromophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Butyl benzyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
4-Chloroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
Chlorobenzilate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
4-Chloro-3-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
2-Chloronaphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
2-Chlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
4-Chlorophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Chrysene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Diallate (trans or cis isomers)	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Dibenz(a,h)anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Dibenzofuran	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
3,3'-Dimethylbenzidine	<0.080	*1	0.080		mg/L		02/06/24 07:52	02/07/24 21:03	1
2,4-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
2,6-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Diethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1

Eurofins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-2A

Lab Sample ID: 192-9129-1

Date Collected: 01/31/24 12:03

Matrix: Water

Date Received: 01/31/24 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
7,12-Dimethylbenz(a)anthracene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
3,3'-Dichlorobenzidine	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
2,4-Dimethylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Dimethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Di-n-butyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
1,3-Dinitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
4,6-Dinitro-2-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
2,4-Dinitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
2,4-Dinitrotoluene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
2,6-Dinitrotoluene	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
Di-n-octyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Diphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Disulfoton	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Ethyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Famphur	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Fluorene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Hexachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Hexachlorobutadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Hexachlorocyclopentadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Hexachloroethane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Hexachloropropene	<0.10		0.10		mg/L		02/06/24 07:52	02/07/24 21:03	1
Indeno[1,2,3-cd]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Isodrin	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Isophorone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Isosafrole	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Kepone	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Methapyrilene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
3-Methylcholanthrene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Methyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Methyl parathion	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
2-Methylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
3 & 4 Methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
Naphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
1,4-Naphthoquinone	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
1-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
2-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
2-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
3-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
4-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
Nitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
5-Nitro-o-toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
2-Nitrophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
4-Nitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
N-Nitrosodiethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
N-Nitrosodimethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
N-Nitrosodi-n-butylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
N-Nitrosodi-n-propylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1

Eurolins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-2A

Lab Sample ID: 192-9129-1

Date Collected: 01/31/24 12:03

Matrix: Water

Date Received: 01/31/24 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
N-Nitrosomethylethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
N-Nitrosomorpholine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
N-Nitrosopyrrolidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
N-Nitrosopiperidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
o,o',o"-Triethylphosphorothioate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
o-Toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Parathion, Ethyl	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
p-Dimethylamino azobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Pentachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Pentachloronitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Pentachlorophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
Phenacetin	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Phenanthrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Phenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:03	1
Phorate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
p-Phenylene diamine	<0.10	*	0.10		mg/L		02/06/24 07:52	02/07/24 21:03	1
Pronamide	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Safrole	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
1,2,4,5-Tetrachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
2,3,4,6-Tetrachlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
2,4,5-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
2,4,6-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:03	1
1,3,5-Trinitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1
Zinophos	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 132	02/06/24 07:52	02/07/24 21:03	1
2-Fluorobiphenyl (Surr)	73		29 - 112	02/06/24 07:52	02/07/24 21:03	1
2-Fluorophenol (Surr)	41		21 - 114	02/06/24 07:52	02/07/24 21:03	1
Nitrobenzene-d5 (Surr)	76		26 - 110	02/06/24 07:52	02/07/24 21:03	1
p-Terphenyl-d14 (Surr)	81		20 - 141	02/06/24 07:52	02/07/24 21:03	1
Phenol-d5 (Surr)	29		16 - 117	02/06/24 07:52	02/07/24 21:03	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
alpha-BHC	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
gamma-BHC (Lindane)	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
Chlorodane	<0.0010		0.0010		mg/L		02/05/24 11:07	02/06/24 22:17	1
4,4'-DDD	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
4,4'-DDE	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
4,4'-DDT	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
Dieldrin	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
Endosulfan I	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
Endosulfan II	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
Endosulfan sulfate	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
Endrin	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
Endrin aldehyde	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-2A

Lab Sample ID: 192-9129-1

Date Collected: 01/31/24 12:03

Matrix: Water

Date Received: 01/31/24 14:20

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
Heptachlor epoxide	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
Methoxychlor	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
Toxaphene	<0.0010		0.0010		mg/L		02/05/24 11:07	02/06/24 22:17	1
beta-BHC	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
delta-BHC	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1
Endrin ketone	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	34		28 - 94	02/05/24 11:07	02/06/24 22:17	1
Tetrachloro-m-xylene	67		52 - 134	02/05/24 11:07	02/06/24 22:17	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 11:50	1
PCB-1221	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 11:50	1
PCB-1232	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 11:50	1
PCB-1242	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 11:50	1
PCB-1248	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 11:50	1
PCB-1254	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 11:50	1
PCB-1260	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 11:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	60		50 - 112	02/02/24 09:02	02/06/24 11:50	1
DCB Decachlorobiphenyl (Surr)	41		19 - 110	02/02/24 09:02	02/06/24 11:50	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.00020		0.00020		mg/L		02/06/24 08:12	02/08/24 02:56	1
2,4,5-TP (Silvex)	<0.00020		0.00020		mg/L		02/06/24 08:12	02/08/24 02:56	1
2,4,5-T	<0.00020		0.00020		mg/L		02/06/24 08:12	02/08/24 02:56	1
Dinoseb	<0.00020	*-	0.00020		mg/L		02/06/24 08:12	02/08/24 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	88		42 - 150	02/06/24 08:12	02/08/24 02:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tin	<0.10		0.10		mg/L		02/01/24 12:10	02/01/24 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:28	1
Arsenic	0.0053		0.00050		mg/L		02/06/24 15:36	02/07/24 13:28	1
Barium	0.15		0.010		mg/L		02/06/24 15:36	02/07/24 13:51	5
Beryllium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:28	1
Cadmium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:28	1
Chromium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:28	1
Cobalt	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:28	1
Copper	0.0023		0.00050		mg/L		02/06/24 15:36	02/07/24 13:28	1
Lead	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:28	1

Euofins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-2A

Lab Sample ID: 192-9129-1

Date Collected: 01/31/24 12:03

Matrix: Water

Date Received: 01/31/24 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.0024		0.00050		mg/L		02/06/24 15:36	02/07/24 13:28	1
Selenium	<0.0020		0.0020		mg/L		02/06/24 15:36	02/07/24 13:28	1
Silver	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:28	1
Thallium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:28	1
Vanadium	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:28	1
Zinc	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0080		0.0080		mg/L		02/06/24 08:43	02/06/24 14:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SM 4500 S2 G-2011)	0.050		0.025		mg/L			02/05/24 09:31	1

Client Sample ID: MW-4A

Lab Sample ID: 192-9129-2

Date Collected: 01/30/24 14:06

Matrix: Water

Date Received: 01/31/24 14:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.10		0.10		mg/L			02/05/24 23:39	1
Acrylonitrile	<0.050		0.050		mg/L			02/05/24 23:39	1
Bromoform	<0.0050		0.0050		mg/L			02/05/24 23:39	1
Bromochloromethane	<0.0010		0.0010		mg/L			02/05/24 23:39	1
Bromodichloromethane	<0.0010		0.0010		mg/L			02/05/24 23:39	1
Bromomethane	<0.0050		0.0050		mg/L			02/05/24 23:39	1
2-Butanone	<0.050		0.050		mg/L			02/05/24 23:39	1
Carbon disulfide	<0.0050		0.0050		mg/L			02/05/24 23:39	1
Carbon tetrachloride	<0.0050		0.0050		mg/L			02/05/24 23:39	1
Chlorobenzene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
Chloroform	<0.0010		0.0010		mg/L			02/05/24 23:39	1
Chloromethane	<0.010		0.010		mg/L			02/05/24 23:39	1
cis-1,2-Dichloroethene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
cis-1,3-Dichloropropene	<0.0050		0.0050		mg/L			02/05/24 23:39	1
Dibromochloromethane	<0.0050		0.0050		mg/L			02/05/24 23:39	1
Dibromomethane	<0.0010		0.0010		mg/L			02/05/24 23:39	1
1,2-Dichlorobenzene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
1,4-Dichlorobenzene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
1,1-Dichloroethane	<0.0010		0.0010		mg/L			02/05/24 23:39	1
1,2-Dichloroethane	<0.0010		0.0010		mg/L			02/05/24 23:39	1
1,1-Dichloroethene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
1,2-Dichloropropane	<0.0050		0.0050		mg/L			02/05/24 23:39	1
Ethylbenzene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
2-Hexanone	<0.050		0.050		mg/L			02/05/24 23:39	1
Iodomethane (Methyl Iodide)	<0.020	*	0.020		mg/L			02/05/24 23:39	1
Methylene Chloride	<0.0050		0.0050		mg/L			02/05/24 23:39	1
4-Methyl-2-pentanone	<0.050		0.050		mg/L			02/05/24 23:39	1
m,p-Xylenes	<0.010		0.010		mg/L			02/05/24 23:39	1
o-Xylene	<0.0010		0.0010		mg/L			02/05/24 23:39	1

Eurofins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-4A

Lab Sample ID: 192-9129-2

Date Collected: 01/30/24 14:06

Matrix: Water

Date Received: 01/31/24 14:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010		mg/L			02/05/24 23:39	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010		mg/L			02/05/24 23:39	1
Tetrachloroethylene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
Toluene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
trans-1,2-Dichloroethene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
trans-1,3-Dichloropropene	<0.0050		0.0050		mg/L			02/05/24 23:39	1
trans-1,4-Dichloro-2-butene	<0.010		0.010		mg/L			02/05/24 23:39	1
1,1,1-Trichloroethane	<0.0050		0.0050		mg/L			02/05/24 23:39	1
1,1,2-Trichloroethane	<0.0010		0.0010		mg/L			02/05/24 23:39	1
Trichloroethene	<0.0050		0.0050		mg/L			02/05/24 23:39	1
Trichlorofluoromethane	<0.0010		0.0010		mg/L			02/05/24 23:39	1
1,2,3-Trichloropropane	<0.0010		0.0010		mg/L			02/05/24 23:39	1
Vinyl acetate	<0.020		0.020		mg/L			02/05/24 23:39	1
Vinyl chloride	<0.0020		0.0020		mg/L			02/05/24 23:39	1
Xylenes, Total	<0.010		0.010		mg/L			02/05/24 23:39	1
Acrolein	<0.050		0.050		mg/L			02/05/24 23:39	1
Allyl Chloride (3-Chloropropene)	<0.0050		0.0050		mg/L			02/05/24 23:39	1
Benzene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
Chloroethane	<0.010		0.010		mg/L			02/05/24 23:39	1
Chloroprene	<0.0050		0.0050		mg/L			02/05/24 23:39	1
1,3-Dichlorobenzene	<0.0010		0.0010		mg/L			02/05/24 23:39	1
Dichlorodifluoromethane	<0.0010		0.0010		mg/L			02/05/24 23:39	1
1,3-Dichloropropane	<0.0050		0.0050		mg/L			02/05/24 23:39	1
2,2-Dichloropropane	<0.0050		0.0050		mg/L			02/05/24 23:39	1
1,1-Dichloropropene	<0.0050		0.0050		mg/L			02/05/24 23:39	1
Isobutanol	<0.050		0.050		mg/L			02/05/24 23:39	1
Methacrylonitrile	<0.010		0.010		mg/L			02/05/24 23:39	1
Propane Nitrile (Propionitrile)	<0.010		0.010		mg/L			02/05/24 23:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 144		02/05/24 23:39	1
4-Bromofluorobenzene (Surr)	93		74 - 124		02/05/24 23:39	1
Dibromofluoromethane (Surr)	101		75 - 131		02/05/24 23:39	1
Toluene-d8 (Surr)	99		80 - 120		02/05/24 23:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Acenaphthylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Acetophenone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
4-Aminobiphenyl (4-Biphenylamine)	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
2-Acetylaminofluorene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Benzo[a]anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Benzo[a]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Benzo[b]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Benzo[k]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Benzo[g,h,i]perylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Benzyl alcohol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1

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Client Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-4A

Lab Sample ID: 192-9129-2

Date Collected: 01/30/24 14:06

Matrix: Water

Date Received: 01/31/24 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Bis(2-chloroethyl)ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Bis(2-ethylhexyl) phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
bis (2-chloroisopropyl) ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
4-Bromophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Butyl benzyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
4-Chloroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
Chlorobenzilate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
4-Chloro-3-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
2-Chloronaphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
2-Chlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
4-Chlorophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Chrysene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Diallate (trans or cis isomers)	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Dibenz(a,h)anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Dibenzofuran	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
3,3'-Dimethylbenzidine	<0.080	*1	0.080		mg/L		02/06/24 07:52	02/07/24 21:23	1
2,4-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
2,6-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Diethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Dimethoate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
7,12-Dimethylbenz(a)anthracene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
3,3'-Dichlorobenzidine	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
2,4-Dimethylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Dimethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Di-n-butyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
1,3-Dinitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
4,6-Dinitro-2-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
2,4-Dinitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
2,4-Dinitrotoluene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
2,6-Dinitrotoluene	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
Di-n-octyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Diphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Disulfoton	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Ethyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Famphur	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Fluorene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Hexachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Hexachlorobutadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Hexachlorocyclopentadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Hexachloroethane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Hexachloropropene	<0.10		0.10		mg/L		02/06/24 07:52	02/07/24 21:23	1
Indeno[1,2,3-cd]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Isodrin	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Isophorone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Isosafrole	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Kepone	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Methapyrilene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-4A

Lab Sample ID: 192-9129-2

Date Collected: 01/30/24 14:06

Matrix: Water

Date Received: 01/31/24 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylcholanthrene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Methyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Methyl parathion	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
2-Methylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
3 & 4 Methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
Naphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
1,4-Naphthoquinone	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
1-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
2-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
2-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
3-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
4-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
Nitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
5-Nitro-o-toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
2-Nitrophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
4-Nitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
N-Nitrosodiethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
N-Nitrosodimethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
N-Nitrosodi-n-butylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
N-Nitrosodi-n-propylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
N-Nitrosodiphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
N-Nitrosomethylethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
N-Nitrosomorpholine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
N-Nitrosopyrrolidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
N-Nitrosopiperidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
o,o',o"-Triethylphosphorothioate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
o-Toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Parathion, Ethyl	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
p-Dimethylamino azobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Pentachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Pentachloronitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Pentachlorophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
Phenacetin	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Phenanthrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Phenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:23	1
Phorate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
p-Phenylene diamine	<0.10	*	0.10		mg/L		02/06/24 07:52	02/07/24 21:23	1
Pronamide	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Safrole	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
1,2,4,5-Tetrachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
2,3,4,6-Tetrachlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
2,4,5-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
2,4,6-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:23	1
1,3,5-Trinitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1
Zinophos	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	92		31 - 132	02/06/24 07:52	02/07/24 21:23	1
2-Fluorobiphenyl (Surr)	75		29 - 112	02/06/24 07:52	02/07/24 21:23	1

Euofins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-4A

Lab Sample ID: 192-9129-2

Date Collected: 01/30/24 14:06

Matrix: Water

Date Received: 01/31/24 14:20

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	42		21 - 114	02/06/24 07:52	02/07/24 21:23	1
Nitrobenzene-d5 (Surr)	80		26 - 110	02/06/24 07:52	02/07/24 21:23	1
p-Terphenyl-d14 (Surr)	97		20 - 141	02/06/24 07:52	02/07/24 21:23	1
Phenol-d5 (Surr)	30		16 - 117	02/06/24 07:52	02/07/24 21:23	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
alpha-BHC	<0.000051	+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
gamma-BHC (Lindane)	<0.000051	+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Chlorodane	<0.0010		0.0010		mg/L		02/05/24 11:07	02/06/24 22:28	1
4,4'-DDD	<0.000051	+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
4,4'-DDE	<0.000051	+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
4,4'-DDT	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Dieldrin	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Endosulfan I	<0.000051	+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Endosulfan II	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Endosulfan sulfate	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Endrin	<0.000051	+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Endrin aldehyde	<0.000051	+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Heptachlor	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Heptachlor epoxide	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Methoxychlor	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Toxaphene	<0.0010		0.0010		mg/L		02/05/24 11:07	02/06/24 22:28	1
beta-BHC	<0.000051	+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
delta-BHC	<0.000051	+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1
Endrin ketone	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	40		28 - 94	02/05/24 11:07	02/06/24 22:28	1
Tetrachloro-m-xylene	85		52 - 134	02/05/24 11:07	02/06/24 22:28	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:11	1
PCB-1221	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:11	1
PCB-1232	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:11	1
PCB-1242	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:11	1
PCB-1248	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:11	1
PCB-1254	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:11	1
PCB-1260	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		50 - 112	02/02/24 09:02	02/06/24 12:11	1
DCB Decachlorobiphenyl (Surr)	57		19 - 110	02/02/24 09:02	02/06/24 12:11	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.00020		0.00020		mg/L		02/06/24 08:14	02/07/24 13:55	1
2,4,5-TP (Silvex)	<0.00020		0.00020		mg/L		02/06/24 08:14	02/07/24 13:55	1

Eurofins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-4A
Date Collected: 01/30/24 14:06
Date Received: 01/31/24 14:20

Lab Sample ID: 192-9129-2
Matrix: Water

Method: SW846 8151A - Herbicides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.00020		0.00020		mg/L		02/06/24 08:14	02/07/24 13:55	1
Dinoseb	<0.00020	*	0.00020		mg/L		02/06/24 08:14	02/07/24 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	84		42 - 150				02/06/24 08:14	02/07/24 13:55	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tin	<0.10		0.10		mg/L		02/01/24 12:10	02/01/24 15:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:32	1
Arsenic	0.0034		0.00050		mg/L		02/06/24 15:36	02/07/24 13:32	1
Barium	0.25		0.010		mg/L		02/06/24 15:36	02/07/24 13:55	5
Beryllium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:32	1
Cadmium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:32	1
Chromium	0.00052		0.00050		mg/L		02/06/24 15:36	02/07/24 13:32	1
Cobalt	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:32	1
Copper	0.0032		0.00050		mg/L		02/06/24 15:36	02/07/24 13:32	1
Lead	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:32	1
Nickel	0.0024		0.00050		mg/L		02/06/24 15:36	02/07/24 13:32	1
Selenium	<0.0020		0.0020		mg/L		02/06/24 15:36	02/07/24 13:32	1
Silver	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:32	1
Thallium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:32	1
Vanadium	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:32	1
Zinc	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0080		0.0080		mg/L		02/06/24 08:43	02/06/24 14:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SM 4500 S2 G-2011)	<0.025		0.025		mg/L			02/05/24 09:31	1

Client Sample ID: MW-6B
Date Collected: 01/30/24 12:06
Date Received: 01/31/24 14:20

Lab Sample ID: 192-9129-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.10		0.10		mg/L			02/06/24 00:00	1
Acrylonitrile	<0.050		0.050		mg/L			02/06/24 00:00	1
Bromoform	<0.0050		0.0050		mg/L			02/06/24 00:00	1
Bromochloromethane	<0.0010		0.0010		mg/L			02/06/24 00:00	1
Bromodichloromethane	<0.0010		0.0010		mg/L			02/06/24 00:00	1
Bromomethane	<0.0050		0.0050		mg/L			02/06/24 00:00	1
2-Butanone	<0.050		0.050		mg/L			02/06/24 00:00	1
Carbon disulfide	<0.0050		0.0050		mg/L			02/06/24 00:00	1
Carbon tetrachloride	<0.0050		0.0050		mg/L			02/06/24 00:00	1

Eurofins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-6B

Lab Sample ID: 192-9129-3

Date Collected: 01/30/24 12:06

Matrix: Water

Date Received: 01/31/24 14:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
Chloroform	<0.0010		0.0010		mg/L			02/06/24 00:00	1
Chloromethane	<0.010		0.010		mg/L			02/06/24 00:00	1
cis-1,2-Dichloroethene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
cis-1,3-Dichloropropene	<0.0050		0.0050		mg/L			02/06/24 00:00	1
Dibromochloromethane	<0.0050		0.0050		mg/L			02/06/24 00:00	1
Dibromomethane	<0.0010		0.0010		mg/L			02/06/24 00:00	1
1,2-Dichlorobenzene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
1,4-Dichlorobenzene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
1,1-Dichloroethane	<0.0010		0.0010		mg/L			02/06/24 00:00	1
1,2-Dichloroethane	<0.0010		0.0010		mg/L			02/06/24 00:00	1
1,1-Dichloroethene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
1,2-Dichloropropane	<0.0050		0.0050		mg/L			02/06/24 00:00	1
Ethylbenzene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
2-Hexanone	<0.050		0.050		mg/L			02/06/24 00:00	1
Iodomethane (Methyl Iodide)	<0.020	*	0.020		mg/L			02/06/24 00:00	1
Methylene Chloride	<0.0050		0.0050		mg/L			02/06/24 00:00	1
4-Methyl-2-pentanone	<0.050		0.050		mg/L			02/06/24 00:00	1
m,p-Xylenes	<0.010		0.010		mg/L			02/06/24 00:00	1
o-Xylene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
Styrene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010		mg/L			02/06/24 00:00	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010		mg/L			02/06/24 00:00	1
Tetrachloroethylene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
Toluene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
trans-1,2-Dichloroethene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
trans-1,3-Dichloropropene	<0.0050		0.0050		mg/L			02/06/24 00:00	1
trans-1,4-Dichloro-2-butene	<0.010		0.010		mg/L			02/06/24 00:00	1
1,1,1-Trichloroethane	<0.0050		0.0050		mg/L			02/06/24 00:00	1
1,1,2-Trichloroethane	<0.0010		0.0010		mg/L			02/06/24 00:00	1
Trichloroethene	<0.0050		0.0050		mg/L			02/06/24 00:00	1
Trichlorofluoromethane	<0.0010		0.0010		mg/L			02/06/24 00:00	1
1,2,3-Trichloropropane	<0.0010		0.0010		mg/L			02/06/24 00:00	1
Vinyl acetate	<0.020		0.020		mg/L			02/06/24 00:00	1
Vinyl chloride	<0.0020		0.0020		mg/L			02/06/24 00:00	1
Xylenes, Total	<0.010		0.010		mg/L			02/06/24 00:00	1
Acrolein	<0.050		0.050		mg/L			02/06/24 00:00	1
Allyl Chloride (3-Chloropropene)	<0.0050		0.0050		mg/L			02/06/24 00:00	1
Benzene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
Chloroethane	<0.010		0.010		mg/L			02/06/24 00:00	1
Chloroprene	<0.0050		0.0050		mg/L			02/06/24 00:00	1
1,3-Dichlorobenzene	<0.0010		0.0010		mg/L			02/06/24 00:00	1
Dichlorodifluoromethane	<0.0010		0.0010		mg/L			02/06/24 00:00	1
1,3-Dichloropropane	<0.0050		0.0050		mg/L			02/06/24 00:00	1
2,2-Dichloropropane	<0.0050		0.0050		mg/L			02/06/24 00:00	1
1,1-Dichloropropane	<0.0050		0.0050		mg/L			02/06/24 00:00	1
Isobutanol	<0.050		0.050		mg/L			02/06/24 00:00	1
Methacrylonitrile	<0.010		0.010		mg/L			02/06/24 00:00	1
Propane Nitrile (Propionitrile)	<0.010		0.010		mg/L			02/06/24 00:00	1

Eurofins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-6B

Lab Sample ID: 192-9129-3

Date Collected: 01/30/24 12:06

Matrix: Water

Date Received: 01/31/24 14:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 144		02/06/24 00:00	1
4-Bromofluorobenzene (Surr)	94		74 - 124		02/06/24 00:00	1
Dibromofluoromethane (Surr)	101		75 - 131		02/06/24 00:00	1
Toluene-d8 (Surr)	100		80 - 120		02/06/24 00:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Acenaphthylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Acetophenone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
4-Aminobiphenyl (4-Biphenylamine)	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
2-Acetylaminofluorene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Benzo[a]anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Benzo[a]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Benzo[b]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Benzo[k]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Benzo[g,h,i]perylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Benzyl alcohol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
Bis(2-chloroethoxy)methane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Bis(2-chloroethyl)ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Bis(2-ethylhexyl) phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
bis (2-chloroisopropyl) ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
4-Bromophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Butyl benzyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
4-Chloroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
Chlorobenzilate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
4-Chloro-3-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
2-Chloronaphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
2-Chlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
4-Chlorophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Chrysene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Diallate (trans or cis isomers)	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Dibenz(a,h)anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Dibenzofuran	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
3,3'-Dimethylbenzidine	<0.080	*1	0.080		mg/L		02/06/24 07:52	02/07/24 21:43	1
2,4-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
2,6-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Diethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Dimethoate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
7,12-Dimethylbenz(a)anthracene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
3,3'-Dichlorobenzidine	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
2,4-Dimethylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Dimethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Di-n-butyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
1,3-Dinitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
4,6-Dinitro-2-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
2,4-Dinitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
2,4-Dinitrotoluene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
2,6-Dinitrotoluene	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1

Euofins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-6B

Lab Sample ID: 192-9129-3

Date Collected: 01/30/24 12:06

Matrix: Water

Date Received: 01/31/24 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Diphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Disulfoton	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Ethyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Famphur	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Fluorene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Hexachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Hexachlorobutadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Hexachlorocyclopentadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Hexachloroethane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Hexachloropropene	<0.10		0.10		mg/L		02/06/24 07:52	02/07/24 21:43	1
Indeno[1,2,3-cd]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Isodrin	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Isophorone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Isosafrole	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Kepone	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Methapyrilene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
3-Methylcholanthrene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Methyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Methyl parathion	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
2-Methylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
3 & 4 Methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
Naphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
1,4-Naphthoquinone	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
1-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
2-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
2-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
3-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
4-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
Nitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
5-Nitro-o-toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
2-Nitrophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
4-Nitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
N-Nitrosodiethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
N-Nitrosodimethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
N-Nitrosodi-n-butylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
N-Nitrosodi-n-propylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
N-Nitrosodiphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
N-Nitrosomethylethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
N-Nitrosomorpholine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
N-Nitrosopyrrolidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
N-Nitrosopiperidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
o,o',o"-Triethylphosphorothioate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
o-Toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Parathion, Ethyl	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
p-Dimethylamino azobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Pentachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Pentachloronitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1

Eurofins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-6B

Lab Sample ID: 192-9129-3

Date Collected: 01/30/24 12:06

Matrix: Water

Date Received: 01/31/24 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
Phenacetin	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Phenanthrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Phenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 21:43	1
Phorate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
p-Phenylene diamine	<0.10	*-	0.10		mg/L		02/06/24 07:52	02/07/24 21:43	1
Pronamide	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Safrole	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
1,2,4,5-Tetrachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
2,3,4,6-Tetrachlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
2,4,5-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
2,4,6-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 21:43	1
1,3,5-Trinitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Zinophos	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 21:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	69		31 - 132				02/06/24 07:52	02/07/24 21:43	1
2-Fluorobiphenyl (Surr)	54		29 - 112				02/06/24 07:52	02/07/24 21:43	1
2-Fluorophenol (Surr)	34		21 - 114				02/06/24 07:52	02/07/24 21:43	1
Nitrobenzene-d5 (Surr)	57		26 - 110				02/06/24 07:52	02/07/24 21:43	1
p-Terphenyl-d14 (Surr)	82		20 - 141				02/06/24 07:52	02/07/24 21:43	1
Phenol-d5 (Surr)	26		16 - 117				02/06/24 07:52	02/07/24 21:43	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
alpha-BHC	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
gamma-BHC (Lindane)	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Chlorodane	<0.0010		0.0010		mg/L		02/05/24 11:07	02/06/24 22:39	1
4,4'-DDD	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
4,4'-DDE	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
4,4'-DDT	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Dieldrin	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Endosulfan I	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Endosulfan II	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Endosulfan sulfate	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Endrin	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Endrin aldehyde	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Heptachlor	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Heptachlor epoxide	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Methoxychlor	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Toxaphene	<0.0010		0.0010		mg/L		02/05/24 11:07	02/06/24 22:39	1
beta-BHC	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
delta-BHC	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Endrin ketone	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	31		28 - 94				02/05/24 11:07	02/06/24 22:39	1
Tetrachloro-m-xylene	77		52 - 134				02/05/24 11:07	02/06/24 22:39	1

Euofins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-6B

Lab Sample ID: 192-9129-3

Date Collected: 01/30/24 12:06

Matrix: Water

Date Received: 01/31/24 14:20

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:32	1
PCB-1221	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:32	1
PCB-1232	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:32	1
PCB-1242	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:32	1
PCB-1248	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:32	1
PCB-1254	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:32	1
PCB-1260	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	50		50 - 112	02/02/24 09:02	02/06/24 12:32	1
DCB Decachlorobiphenyl (Surr)	25		19 - 110	02/02/24 09:02	02/06/24 12:32	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.00020		0.00020		mg/L		02/06/24 08:14	02/07/24 14:22	1
2,4,5-TP (Silvex)	<0.00020		0.00020		mg/L		02/06/24 08:14	02/07/24 14:22	1
2,4,5-T	<0.00020		0.00020		mg/L		02/06/24 08:14	02/07/24 14:22	1
Dinoseb	<0.00020	*	0.00020		mg/L		02/06/24 08:14	02/07/24 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	65		42 - 150	02/06/24 08:14	02/07/24 14:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tin	<0.10		0.10		mg/L		02/01/24 12:10	02/01/24 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:35	1
Arsenic	0.013		0.00050		mg/L		02/06/24 15:36	02/07/24 13:35	1
Barium	0.089		0.0020		mg/L		02/06/24 15:36	02/07/24 13:35	1
Beryllium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:35	1
Cadmium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:35	1
Chromium	0.00075		0.00050		mg/L		02/06/24 15:36	02/07/24 13:35	1
Cobalt	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:35	1
Copper	0.0082		0.00050		mg/L		02/06/24 15:36	02/07/24 13:35	1
Lead	0.00072		0.00050		mg/L		02/06/24 15:36	02/07/24 13:35	1
Nickel	0.0036		0.00050		mg/L		02/06/24 15:36	02/07/24 13:35	1
Selenium	<0.0020		0.0020		mg/L		02/06/24 15:36	02/07/24 13:35	1
Silver	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:35	1
Thallium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:35	1
Vanadium	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:35	1
Zinc	0.012		0.010		mg/L		02/06/24 15:36	02/07/24 13:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0080		0.0080		mg/L		02/06/24 08:43	02/06/24 14:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SM 4500 S2 G-2011)	0.29		0.025		mg/L			02/05/24 09:31	1

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Client Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-7A

Lab Sample ID: 192-9129-4

Date Collected: 01/31/24 09:45

Matrix: Water

Date Received: 01/31/24 14:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.10		0.10		mg/L			02/06/24 00:20	1
Acrylonitrile	<0.050		0.050		mg/L			02/06/24 00:20	1
Bromoform	<0.0050		0.0050		mg/L			02/06/24 00:20	1
Bromochloromethane	<0.0010		0.0010		mg/L			02/06/24 00:20	1
Bromodichloromethane	<0.0010		0.0010		mg/L			02/06/24 00:20	1
Bromomethane	<0.0050		0.0050		mg/L			02/06/24 00:20	1
2-Butanone	<0.050		0.050		mg/L			02/06/24 00:20	1
Carbon disulfide	<0.0050		0.0050		mg/L			02/06/24 00:20	1
Carbon tetrachloride	<0.0050		0.0050		mg/L			02/06/24 00:20	1
Chlorobenzene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
Chloroform	<0.0010		0.0010		mg/L			02/06/24 00:20	1
Chloromethane	<0.010		0.010		mg/L			02/06/24 00:20	1
cis-1,2-Dichloroethene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
cis-1,3-Dichloropropene	<0.0050		0.0050		mg/L			02/06/24 00:20	1
Dibromochloromethane	<0.0050		0.0050		mg/L			02/06/24 00:20	1
Dibromomethane	<0.0010		0.0010		mg/L			02/06/24 00:20	1
1,2-Dichlorobenzene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
1,4-Dichlorobenzene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
1,1-Dichloroethane	<0.0010		0.0010		mg/L			02/06/24 00:20	1
1,2-Dichloroethane	<0.0010		0.0010		mg/L			02/06/24 00:20	1
1,1-Dichloroethene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
1,2-Dichloropropane	<0.0050		0.0050		mg/L			02/06/24 00:20	1
Ethylbenzene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
2-Hexanone	<0.050		0.050		mg/L			02/06/24 00:20	1
Iodomethane (Methyl Iodide)	<0.020	*	0.020		mg/L			02/06/24 00:20	1
Methylene Chloride	<0.0050		0.0050		mg/L			02/06/24 00:20	1
4-Methyl-2-pentanone	<0.050		0.050		mg/L			02/06/24 00:20	1
m,p-Xylenes	<0.010		0.010		mg/L			02/06/24 00:20	1
o-Xylene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
Styrene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010		mg/L			02/06/24 00:20	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010		mg/L			02/06/24 00:20	1
Tetrachloroethylene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
Toluene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
trans-1,2-Dichloroethene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
trans-1,3-Dichloropropene	<0.0050		0.0050		mg/L			02/06/24 00:20	1
trans-1,4-Dichloro-2-butene	<0.010		0.010		mg/L			02/06/24 00:20	1
1,1,1-Trichloroethane	<0.0050		0.0050		mg/L			02/06/24 00:20	1
1,1,2-Trichloroethane	<0.0010		0.0010		mg/L			02/06/24 00:20	1
Trichloroethene	<0.0050		0.0050		mg/L			02/06/24 00:20	1
Trichlorofluoromethane	<0.0010		0.0010		mg/L			02/06/24 00:20	1
1,2,3-Trichloropropane	<0.0010		0.0010		mg/L			02/06/24 00:20	1
Vinyl acetate	<0.020		0.020		mg/L			02/06/24 00:20	1
Vinyl chloride	<0.0020		0.0020		mg/L			02/06/24 00:20	1
Xylenes, Total	<0.010		0.010		mg/L			02/06/24 00:20	1
Acrolein	<0.050		0.050		mg/L			02/06/24 00:20	1
Allyl Chloride (3-Chloropropene)	<0.0050		0.0050		mg/L			02/06/24 00:20	1
Benzene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
Chloroethane	<0.010		0.010		mg/L			02/06/24 00:20	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-7A

Lab Sample ID: 192-9129-4

Date Collected: 01/31/24 09:45

Matrix: Water

Date Received: 01/31/24 14:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroprene	<0.0050		0.0050		mg/L			02/06/24 00:20	1
1,3-Dichlorobenzene	<0.0010		0.0010		mg/L			02/06/24 00:20	1
Dichlorodifluoromethane	<0.0010		0.0010		mg/L			02/06/24 00:20	1
1,3-Dichloropropane	<0.0050		0.0050		mg/L			02/06/24 00:20	1
2,2-Dichloropropane	<0.0050		0.0050		mg/L			02/06/24 00:20	1
1,1-Dichloropropene	<0.0050		0.0050		mg/L			02/06/24 00:20	1
Isobutanol	<0.050		0.050		mg/L			02/06/24 00:20	1
Methacrylonitrile	<0.010		0.010		mg/L			02/06/24 00:20	1
Propane Nitrile (Propionitrile)	<0.010		0.010		mg/L			02/06/24 00:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 144					02/06/24 00:20	1
4-Bromofluorobenzene (Surr)	95		74 - 124					02/06/24 00:20	1
Dibromofluoromethane (Surr)	101		75 - 131					02/06/24 00:20	1
Toluene-d8 (Surr)	99		80 - 120					02/06/24 00:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Acenaphthylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Acetophenone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
4-Aminobiphenyl (4-Biphenylamine)	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
2-Acetylaminofluorene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Benzo[a]anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Benzo[a]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Benzo[b]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Benzo[k]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Benzo[g,h,i]perylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Benzyl alcohol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
Bis(2-chloroethoxy)methane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Bis(2-chloroethyl)ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Bis(2-ethylhexyl) phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
bis (2-chloroisopropyl) ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
4-Bromophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Butyl benzyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
4-Chloroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
Chlorobenzilate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
4-Chloro-3-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
2-Chloronaphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
2-Chlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
4-Chlorophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Chrysene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Diallate (trans or cis isomers)	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Dibenz(a,h)anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Dibenzofuran	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
3,3'-Dimethylbenzidine	<0.080	*1	0.080		mg/L		02/06/24 07:52	02/07/24 22:03	1
2,4-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
2,6-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Diethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1

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Client Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-7A

Lab Sample ID: 192-9129-4

Date Collected: 01/31/24 09:45

Matrix: Water

Date Received: 01/31/24 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
7,12-Dimethylbenz(a)anthracene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
3,3'-Dichlorobenzidine	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
2,4-Dimethylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Dimethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Di-n-butyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
1,3-Dinitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
4,6-Dinitro-2-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
2,4-Dinitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
2,4-Dinitrotoluene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
2,6-Dinitrotoluene	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
Di-n-octyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Diphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Disulfoton	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Ethyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Famphur	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Fluorene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Hexachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Hexachlorobutadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Hexachlorocyclopentadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Hexachloroethane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Hexachloropropene	<0.10		0.10		mg/L		02/06/24 07:52	02/07/24 22:03	1
Indeno[1,2,3-cd]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Isodrin	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Isophorone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Isosafrole	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Kepone	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Methapyrilene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
3-Methylcholanthrene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Methyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Methyl parathion	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
2-Methylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
3 & 4 Methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
Naphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
1,4-Naphthoquinone	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
1-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
2-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
2-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
3-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
4-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
Nitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
5-Nitro-o-toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
2-Nitrophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
4-Nitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
N-Nitrosodiethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
N-Nitrosodimethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
N-Nitrosodi-n-butylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
N-Nitrosodi-n-propylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1

Eurofins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-7A

Lab Sample ID: 192-9129-4

Date Collected: 01/31/24 09:45

Matrix: Water

Date Received: 01/31/24 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
N-Nitrosomethylethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
N-Nitrosomorpholine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
N-Nitrosopyrrolidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
N-Nitrosopiperidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
o,o',o"-Triethylphosphorothioate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
o-Toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Parathion, Ethyl	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
p-Dimethylamino azobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Pentachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Pentachloronitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Pentachlorophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
Phenacetin	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Phenanthrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Phenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 22:03	1
Phorate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
p-Phenylene diamine	<0.10	*	0.10		mg/L		02/06/24 07:52	02/07/24 22:03	1
Pronamide	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Safrole	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
1,2,4,5-Tetrachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
2,3,4,6-Tetrachlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
2,4,5-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
2,4,6-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 22:03	1
1,3,5-Trinitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1
Zinophos	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 22:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	57		31 - 132	02/06/24 07:52	02/07/24 22:03	1
2-Fluorobiphenyl (Surr)	49		29 - 112	02/06/24 07:52	02/07/24 22:03	1
2-Fluorophenol (Surr)	28		21 - 114	02/06/24 07:52	02/07/24 22:03	1
Nitrobenzene-d5 (Surr)	52		26 - 110	02/06/24 07:52	02/07/24 22:03	1
p-Terphenyl-d14 (Surr)	64		20 - 141	02/06/24 07:52	02/07/24 22:03	1
Phenol-d5 (Surr)	21		16 - 117	02/06/24 07:52	02/07/24 22:03	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
alpha-BHC	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
gamma-BHC (Lindane)	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Chlorodane	<0.0010		0.0010		mg/L		02/05/24 11:07	02/06/24 22:50	1
4,4'-DDD	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
4,4'-DDE	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
4,4'-DDT	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Dieldrin	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Endosulfan I	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Endosulfan II	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Endosulfan sulfate	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Endrin	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Endrin aldehyde	<0.000051	*+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-7A

Lab Sample ID: 192-9129-4

Date Collected: 01/31/24 09:45

Matrix: Water

Date Received: 01/31/24 14:20

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Heptachlor epoxide	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Methoxychlor	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Toxaphene	<0.0010		0.0010		mg/L		02/05/24 11:07	02/06/24 22:50	1
beta-BHC	<0.000051	+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
delta-BHC	<0.000051	+	0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Endrin ketone	<0.000051		0.000051		mg/L		02/05/24 11:07	02/06/24 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	36		28 - 94				02/05/24 11:07	02/06/24 22:50	1
Tetrachloro-m-xylene	92		52 - 134				02/05/24 11:07	02/06/24 22:50	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:53	1
PCB-1221	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:53	1
PCB-1232	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:53	1
PCB-1242	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:53	1
PCB-1248	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:53	1
PCB-1254	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:53	1
PCB-1260	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		50 - 112				02/02/24 09:02	02/06/24 12:53	1
DCB Decachlorobiphenyl (Surr)	58		19 - 110				02/02/24 09:02	02/06/24 12:53	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.00020		0.00020		mg/L		02/06/24 08:12	02/08/24 03:21	1
2,4,5-TP (Silvex)	<0.00020		0.00020		mg/L		02/06/24 08:12	02/08/24 03:21	1
2,4,5-T	<0.00020		0.00020		mg/L		02/06/24 08:12	02/08/24 03:21	1
Dinoseb	<0.00020	-	0.00020		mg/L		02/06/24 08:12	02/08/24 03:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	73		42 - 150				02/06/24 08:12	02/08/24 03:21	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tin	<0.10		0.10		mg/L		02/01/24 12:10	02/01/24 15:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:39	1
Arsenic	0.0026		0.00050		mg/L		02/06/24 15:36	02/07/24 13:39	1
Barium	0.063		0.0020		mg/L		02/06/24 15:36	02/07/24 13:39	1
Beryllium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:39	1
Cadmium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:39	1
Chromium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:39	1
Cobalt	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:39	1
Copper	0.0033		0.00050		mg/L		02/06/24 15:36	02/07/24 13:39	1
Lead	0.0018		0.00050		mg/L		02/06/24 15:36	02/07/24 13:39	1

Eurolins Arkansas

Client Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-7A
Date Collected: 01/31/24 09:45
Date Received: 01/31/24 14:20

Lab Sample ID: 192-9129-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.0014		0.00050		mg/L		02/06/24 15:36	02/07/24 13:39	1
Selenium	<0.0020		0.0020		mg/L		02/06/24 15:36	02/07/24 13:39	1
Silver	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:39	1
Thallium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 13:39	1
Vanadium	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:39	1
Zinc	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 13:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0080		0.0080		mg/L		02/06/24 08:43	02/06/24 14:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SM 4500 S2 G-2011)	<0.025		0.025		mg/L			02/05/24 09:58	1

Surrogate Summary

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
192-9129-1	MW-2A	106	92	100	98
192-9129-1 MS	MW-2A	97	95	98	98
192-9129-2	MW-4A	106	93	101	99
192-9129-3	MW-6B	105	94	101	100
192-9129-4	MW-7A	104	95	101	99
LCS 860-143870/3	Lab Control Sample	99	96	99	101
LCSD 860-143870/4	Lab Control Sample Dup	97	96	99	98
MB 860-143870/9	Method Blank	104	96	99	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (31-132)	FBP (29-112)	2FP (21-114)	NBZ (26-110)	TPHd14 (20-141)	PHL (16-117)
192-9129-1	MW-2A	80	73	41	76	81	29
192-9129-2	MW-4A	92	75	42	80	97	30
192-9129-3	MW-6B	69	54	34	57	82	26
192-9129-4	MW-7A	57	49	28	52	64	21
LCS 860-143969/2-A	Lab Control Sample	93	69	38	68	97	27
LCSD 860-143969/3-A	Lab Control Sample Dup	98	71	42	73	97	29
MB 860-143969/1-A	Method Blank	75	75	36	79	103	25
MB 860-143969/1-A	Method Blank	80	74	36	79	103	24

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (28-94)	TCX1 (52-134)
192-9129-1	MW-2A	34	67
192-9129-2	MW-4A	40	85
192-9129-4	MW-7A	36	92
LCS 860-143804/2-A	Lab Control Sample	56	89
LCSD 860-143804/3-A	Lab Control Sample Dup	55	99
MB 860-143804/1-A	Method Blank	55	107

Surrogate Legend

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Surrogate Summary

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.
 DCB = DCB Decachlorobiphenyl (Surr)
 TCX = Tetrachloro-m-xylene

Job ID: 192-9129-1

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (28-94)	TCX1 (52-134)
192-9129-3	MW-6B	31	77

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
 TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (50-112)	DCBP1 (19-110)
192-9129-1	MW-2A	60	41
192-9129-1 MS	MW-2A	60	39
192-9129-1 MSD	MW-2A	66	41
192-9129-2	MW-4A	81	57
192-9129-3	MW-6B	50	25
192-9129-4	MW-7A	85	58
LCS 192-13071/2-A	Lab Control Sample	82	52
LCSD 192-13071/3-A	Lab Control Sample Dup	82	63
MB 192-13071/1-A	Method Blank	73	47

Surrogate Legend

TCX = Tetrachloro-m-xylene
 DCBP = DCB Decachlorobiphenyl (Surr)

Method: 8151A - Herbicides (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPAA1 (42-150)
192-9129-1	MW-2A	88
192-9129-2	MW-4A	84
192-9129-3	MW-6B	65
192-9129-4	MW-7A	73
860-66858-C-14-B MS	Matrix Spike	84
860-66858-D-14-A MSD	Matrix Spike Duplicate	78
LCS 860-143971/2-A	Lab Control Sample	81
LCS 860-143972/2-A	Lab Control Sample	87
LCSD 860-143971/3-A	Lab Control Sample Dup	80
LCSD 860-143972/3-A	Lab Control Sample Dup	82
MB 860-143971/1-A	Method Blank	72
MB 860-143972/1-A	Method Blank	87

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-143870/9
Matrix: Water
Analysis Batch: 143870

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.10		0.10		mg/L			02/05/24 20:55	1
Acrylonitrile	<0.050		0.050		mg/L			02/05/24 20:55	1
Bromoform	<0.0050		0.0050		mg/L			02/05/24 20:55	1
Bromochloromethane	<0.0010		0.0010		mg/L			02/05/24 20:55	1
Bromodichloromethane	<0.0010		0.0010		mg/L			02/05/24 20:55	1
Bromomethane	<0.0050		0.0050		mg/L			02/05/24 20:55	1
2-Butanone	<0.050		0.050		mg/L			02/05/24 20:55	1
Carbon disulfide	<0.0050		0.0050		mg/L			02/05/24 20:55	1
Carbon tetrachloride	<0.0050		0.0050		mg/L			02/05/24 20:55	1
Chlorobenzene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
Chloroform	<0.0010		0.0010		mg/L			02/05/24 20:55	1
Chloromethane	<0.010		0.010		mg/L			02/05/24 20:55	1
cis-1,2-Dichloroethene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
cis-1,3-Dichloropropene	<0.0050		0.0050		mg/L			02/05/24 20:55	1
Dibromochloromethane	<0.0050		0.0050		mg/L			02/05/24 20:55	1
Dibromomethane	<0.0010		0.0010		mg/L			02/05/24 20:55	1
1,2-Dichlorobenzene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
1,4-Dichlorobenzene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
1,1-Dichloroethane	<0.0010		0.0010		mg/L			02/05/24 20:55	1
1,2-Dichloroethane	<0.0010		0.0010		mg/L			02/05/24 20:55	1
1,1-Dichloroethene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
1,2-Dichloropropane	<0.0050		0.0050		mg/L			02/05/24 20:55	1
Ethylbenzene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
2-Hexanone	<0.050		0.050		mg/L			02/05/24 20:55	1
Iodomethane (Methyl Iodide)	<0.020		0.020		mg/L			02/05/24 20:55	1
Methylene Chloride	<0.0050		0.0050		mg/L			02/05/24 20:55	1
4-Methyl-2-pentanone	<0.050		0.050		mg/L			02/05/24 20:55	1
m,p-Xylenes	<0.010		0.010		mg/L			02/05/24 20:55	1
o-Xylene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
Styrene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010		mg/L			02/05/24 20:55	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010		mg/L			02/05/24 20:55	1
Tetrachloroethylene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
Toluene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
trans-1,2-Dichloroethene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
trans-1,3-Dichloropropene	<0.0050		0.0050		mg/L			02/05/24 20:55	1
trans-1,4-Dichloro-2-butene	<0.010		0.010		mg/L			02/05/24 20:55	1
1,1,1-Trichloroethane	<0.0050		0.0050		mg/L			02/05/24 20:55	1
1,1,2-Trichloroethane	<0.0010		0.0010		mg/L			02/05/24 20:55	1
Trichloroethene	<0.0050		0.0050		mg/L			02/05/24 20:55	1
Trichlorofluoromethane	<0.0010		0.0010		mg/L			02/05/24 20:55	1
1,2,3-Trichloropropane	<0.0010		0.0010		mg/L			02/05/24 20:55	1
Vinyl acetate	<0.020		0.020		mg/L			02/05/24 20:55	1
Vinyl chloride	<0.0020		0.0020		mg/L			02/05/24 20:55	1
Xylenes, Total	<0.010		0.010		mg/L			02/05/24 20:55	1
Acrolein	<0.050		0.050		mg/L			02/05/24 20:55	1
Allyl Chloride (3-Chloropropene)	<0.0050		0.0050		mg/L			02/05/24 20:55	1
Benzene	<0.0010		0.0010		mg/L			02/05/24 20:55	1

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QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-143870/9
Matrix: Water
Analysis Batch: 143870

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	<0.010		0.010		mg/L			02/05/24 20:55	1
Chloroprene	<0.0050		0.0050		mg/L			02/05/24 20:55	1
1,3-Dichlorobenzene	<0.0010		0.0010		mg/L			02/05/24 20:55	1
Dichlorodifluoromethane	<0.0010		0.0010		mg/L			02/05/24 20:55	1
1,3-Dichloropropane	<0.0050		0.0050		mg/L			02/05/24 20:55	1
2,2-Dichloropropane	<0.0050		0.0050		mg/L			02/05/24 20:55	1
1,1-Dichloropropene	<0.0050		0.0050		mg/L			02/05/24 20:55	1
Isobutanol	<0.050		0.050		mg/L			02/05/24 20:55	1
Methacrylonitrile	<0.010		0.010		mg/L			02/05/24 20:55	1
Propane Nitrile (Propionitrile)	<0.010		0.010		mg/L			02/05/24 20:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 144		02/05/24 20:55	1
4-Bromofluorobenzene (Surr)	96		74 - 124		02/05/24 20:55	1
Dibromofluoromethane (Surr)	99		75 - 131		02/05/24 20:55	1
Toluene-d8 (Surr)	100		80 - 120		02/05/24 20:55	1

Lab Sample ID: LCS 860-143870/3
Matrix: Water
Analysis Batch: 143870

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.250	0.238		mg/L		95	60 - 140
Acrylonitrile	0.500	0.561		mg/L		112	60 - 140
Bromoform	0.0500	0.0577		mg/L		115	70 - 130
Bromochloromethane	0.0500	0.0538		mg/L		108	60 - 140
Bromodichloromethane	0.0500	0.0536		mg/L		107	75 - 125
Bromomethane	0.0500	0.0459		mg/L		92	60 - 140
2-Butanone	0.250	0.236		mg/L		94	60 - 140
Carbon disulfide	0.0500	0.0414		mg/L		83	60 - 140
Carbon tetrachloride	0.0500	0.0482		mg/L		96	70 - 125
Chlorobenzene	0.0500	0.0531		mg/L		106	82 - 135
Chloroform	0.0500	0.0509		mg/L		102	70 - 121
Chloromethane	0.0500	0.0406		mg/L		81	60 - 140
cis-1,2-Dichloroethene	0.0500	0.0507		mg/L		101	75 - 125
cis-1,3-Dichloropropene	0.0500	0.0519		mg/L		104	74 - 125
Dibromochloromethane	0.0500	0.0565		mg/L		113	73 - 125
Dibromomethane	0.0500	0.0530		mg/L		106	69 - 127
1,2-Dichlorobenzene	0.0500	0.0524		mg/L		105	75 - 125
1,4-Dichlorobenzene	0.0500	0.0504		mg/L		101	75 - 125
1,1-Dichloroethane	0.0500	0.0524		mg/L		105	71 - 130
1,2-Dichloroethane	0.0500	0.0514		mg/L		103	72 - 130
1,1-Dichloroethene	0.0500	0.0463		mg/L		93	50 - 150
1,2-Dichloropropane	0.0500	0.0506		mg/L		101	74 - 125
Ethylbenzene	0.0500	0.0525		mg/L		105	75 - 125
2-Hexanone	0.250	0.248		mg/L		99	60 - 140
Iodomethane (Methyl Iodide)	0.0500	0.0385		mg/L		77	75 - 125
Methylene Chloride	0.0500	0.0497		mg/L		99	71 - 125

Eurofins Arkansas

QC Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-143870/3
Matrix: Water
Analysis Batch: 143870

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone	0.250	0.239		mg/L		96	60 - 140
m,p-Xylenes	0.0500	0.0533		mg/L		107	75 - 125
o-Xylene	0.0500	0.0536		mg/L		107	75 - 125
Styrene	0.0500	0.0544		mg/L		109	75 - 125
1,1,1,2-Tetrachloroethane	0.0500	0.0549		mg/L		110	72 - 125
1,1,1,2-Tetrachloroethane	0.0500	0.0511		mg/L		102	74 - 125
Tetrachloroethylene	0.0500	0.0517		mg/L		103	71 - 125
Toluene	0.0500	0.0521		mg/L		104	75 - 130
trans-1,2-Dichloroethene	0.0500	0.0525		mg/L		105	75 - 125
trans-1,3-Dichloropropene	0.0500	0.0533		mg/L		107	66 - 125
trans-1,4-Dichloro-2-butene	0.0500	0.0481		mg/L		96	70 - 130
1,1,1-Trichloroethane	0.0500	0.0497		mg/L		99	70 - 130
1,1,2-Trichloroethane	0.0500	0.0531		mg/L		106	75 - 130
Trichloroethene	0.0500	0.0530		mg/L		106	75 - 135
Trichlorofluoromethane	0.0500	0.0451		mg/L		90	60 - 140
1,2,3-Trichloropropane	0.0500	0.0487		mg/L		97	75 - 125
Vinyl acetate	0.250	0.258		mg/L		103	60 - 140
Vinyl chloride	0.0500	0.0427		mg/L		85	60 - 140
Acrolein	0.250	0.208		mg/L		83	60 - 140
Allyl Chloride (3-Chloropropene)	0.0500	0.0509		mg/L		102	70 - 130
Benzene	0.0500	0.0509		mg/L		102	75 - 125
Chloroethane	0.0500	0.0453		mg/L		91	60 - 140
Chloroprene	0.0500	0.0449		mg/L		90	70 - 130
1,3-Dichlorobenzene	0.0500	0.0512		mg/L		102	75 - 125
Dichlorodifluoromethane	0.0500	0.0426		mg/L		85	50 - 150
1,3-Dichloropropane	0.0500	0.0525		mg/L		105	75 - 125
2,2-Dichloropropane	0.0500	0.0503		mg/L		101	75 - 125
1,1-Dichloropropene	0.0500	0.0469		mg/L		94	75 - 125
Isobutanol	1.24	1.22		mg/L		99	60 - 140
Methacrylonitrile	0.500	0.505		mg/L		101	70 - 130
Propane Nitrile (Propionitrile)	0.500	0.491		mg/L		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		63 - 144
4-Bromofluorobenzene (Surr)	96		74 - 124
Dibromofluoromethane (Surr)	99		75 - 131
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: LCSD 860-143870/4
Matrix: Water
Analysis Batch: 143870

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.250	0.229		mg/L		92	60 - 140	4	25
Acrylonitrile	0.500	0.555		mg/L		111	60 - 140	1	25
Bromoform	0.0500	0.0538		mg/L		108	70 - 130	7	25
Bromochloromethane	0.0500	0.0521		mg/L		104	60 - 140	3	25
Bromodichloromethane	0.0500	0.0514		mg/L		103	75 - 125	4	25

Eurofins Arkansas

QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-143870/4
Matrix: Water
Analysis Batch: 143870

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromomethane	0.0500	0.0433		mg/L		87	60 - 140	6	25
2-Butanone	0.250	0.233		mg/L		93	60 - 140	1	25
Carbon disulfide	0.0500	0.0389		mg/L		78	60 - 140	6	25
Carbon tetrachloride	0.0500	0.0455		mg/L		91	70 - 125	6	25
Chlorobenzene	0.0500	0.0485		mg/L		97	82 - 135	9	25
Chloroform	0.0500	0.0483		mg/L		97	70 - 121	5	25
Chloromethane	0.0500	0.0387		mg/L		77	60 - 140	5	25
cis-1,2-Dichloroethene	0.0500	0.0483		mg/L		97	75 - 125	5	25
cis-1,3-Dichloropropene	0.0500	0.0492		mg/L		98	74 - 125	5	25
Dibromochloromethane	0.0500	0.0521		mg/L		104	73 - 125	8	25
Dibromomethane	0.0500	0.0516		mg/L		103	69 - 127	3	25
1,2-Dichlorobenzene	0.0500	0.0472		mg/L		94	75 - 125	10	25
1,4-Dichlorobenzene	0.0500	0.0454		mg/L		91	75 - 125	10	25
1,1-Dichloroethane	0.0500	0.0517		mg/L		103	71 - 130	1	25
1,2-Dichloroethane	0.0500	0.0498		mg/L		100	72 - 130	3	25
1,1-Dichloroethene	0.0500	0.0437		mg/L		87	50 - 150	6	25
1,2-Dichloropropane	0.0500	0.0487		mg/L		97	74 - 125	4	25
Ethylbenzene	0.0500	0.0477		mg/L		95	75 - 125	10	25
2-Hexanone	0.250	0.237		mg/L		95	60 - 140	5	25
Iodomethane (Methyl Iodide)	0.0500	0.0385		mg/L		77	75 - 125	0	25
Methylene Chloride	0.0500	0.0473		mg/L		95	71 - 125	5	25
4-Methyl-2-pentanone	0.250	0.235		mg/L		94	60 - 140	2	25
m,p-Xylenes	0.0500	0.0485		mg/L		97	75 - 125	9	25
o-Xylene	0.0500	0.0487		mg/L		97	75 - 125	10	25
Styrene	0.0500	0.0500		mg/L		100	75 - 125	8	25
1,1,1,2-Tetrachloroethane	0.0500	0.0501		mg/L		100	72 - 125	9	25
1,1,2,2-Tetrachloroethane	0.0500	0.0471		mg/L		94	74 - 125	8	25
Tetrachloroethylene	0.0500	0.0474		mg/L		95	71 - 125	9	25
Toluene	0.0500	0.0468		mg/L		94	75 - 130	11	25
trans-1,2-Dichloroethene	0.0500	0.0479		mg/L		96	75 - 125	9	25
trans-1,3-Dichloropropene	0.0500	0.0500		mg/L		100	66 - 125	6	25
trans-1,4-Dichloro-2-butene	0.0500	0.0445		mg/L		89	70 - 130	8	25
1,1,1-Trichloroethane	0.0500	0.0470		mg/L		94	70 - 130	6	25
1,1,2-Trichloroethane	0.0500	0.0494		mg/L		99	75 - 130	7	25
Trichloroethene	0.0500	0.0493		mg/L		99	75 - 135	7	25
Trichlorofluoromethane	0.0500	0.0429		mg/L		86	60 - 140	5	25
1,2,3-Trichloropropane	0.0500	0.0469		mg/L		94	75 - 125	4	25
Vinyl acetate	0.250	0.248		mg/L		99	60 - 140	4	25
Vinyl chloride	0.0500	0.0395		mg/L		79	60 - 140	8	25
Acrolein	0.250	0.203		mg/L		81	60 - 140	2	25
Allyl Chloride (3-Chloropropene)	0.0500	0.0466		mg/L		93	70 - 130	9	25
Benzene	0.0500	0.0480		mg/L		96	75 - 125	6	25
Chloroethane	0.0500	0.0435		mg/L		87	60 - 140	4	25
Chloroprene	0.0500	0.0427		mg/L		85	70 - 130	5	25
1,3-Dichlorobenzene	0.0500	0.0464		mg/L		93	75 - 125	10	25
Dichlorodifluoromethane	0.0500	0.0394		mg/L		79	50 - 150	8	25
1,3-Dichloropropane	0.0500	0.0497		mg/L		99	75 - 125	6	25
2,2-Dichloropropane	0.0500	0.0470		mg/L		94	75 - 125	7	25
1,1-Dichloropropene	0.0500	0.0441		mg/L		88	75 - 125	6	25

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-143870/4

Matrix: Water

Analysis Batch: 143870

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isobutanol	1.24	1.25		mg/L		100	60 - 140	2	25
Methacrylonitrile	0.500	0.498		mg/L		100	70 - 130	1	25
Propane Nitrile (Propionitrile)	0.500	0.492		mg/L		98	70 - 130	0	25
Surrogate									
	%Recovery	LCSD Qualifier	LCSD Limits						
1,2-Dichloroethane-d4 (Surr)	97		63 - 144						
4-Bromofluorobenzene (Surr)	96		74 - 124						
Dibromofluoromethane (Surr)	99		75 - 131						
Toluene-d8 (Surr)	98		80 - 120						

Lab Sample ID: 192-9129-1 MS

Matrix: Water

Analysis Batch: 143870

Client Sample ID: MW-2A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	<0.10		0.250	0.207		mg/L		83	60 - 140
Acrylonitrile	<0.050		0.500	0.509		mg/L		102	50 - 150
Bromoform	<0.0050		0.0500	0.0504		mg/L		101	75 - 125
Bromochloromethane	<0.0010		0.0500	0.0503		mg/L		101	60 - 140
Bromodichloromethane	<0.0010		0.0500	0.0503		mg/L		101	75 - 125
Bromomethane	<0.0050		0.0500	0.0439		mg/L		88	60 - 140
2-Butanone	<0.050		0.250	0.220		mg/L		88	60 - 140
Carbon disulfide	<0.0050		0.0500	0.0473		mg/L		95	60 - 140
Carbon tetrachloride	<0.0050		0.0500	0.0493		mg/L		99	62 - 125
Chlorobenzene	<0.0010		0.0500	0.0477		mg/L		95	60 - 133
Chloroform	<0.0010		0.0500	0.0474		mg/L		95	70 - 130
Chloromethane	<0.010		0.0500	0.0467		mg/L		93	60 - 140
cis-1,2-Dichloroethene	<0.0010		0.0500	0.0481		mg/L		96	75 - 125
cis-1,3-Dichloropropene	<0.0050		0.0500	0.0481		mg/L		96	74 - 125
Dibromochloromethane	<0.0050		0.0500	0.0512		mg/L		102	73 - 125
Dibromomethane	<0.0010		0.0500	0.0498		mg/L		100	69 - 127
1,2-Dichlorobenzene	<0.0010		0.0500	0.0469		mg/L		94	75 - 125
1,4-Dichlorobenzene	<0.0010		0.0500	0.0454		mg/L		91	75 - 125
1,1-Dichloroethane	<0.0010		0.0500	0.0518		mg/L		104	72 - 125
1,2-Dichloroethane	<0.0010		0.0500	0.0484		mg/L		97	68 - 127
1,1-Dichloroethene	<0.0010		0.0500	0.0489		mg/L		98	59 - 172
1,2-Dichloropropane	<0.0050		0.0500	0.0485		mg/L		97	74 - 125
Ethylbenzene	<0.0010		0.0500	0.0479		mg/L		96	75 - 125
2-Hexanone	<0.050		0.250	0.221		mg/L		88	60 - 140
Iodomethane (Methyl Iodide)	<0.020	*-	0.0500	0.0418		mg/L		84	75 - 125
Methylene Chloride	<0.0050		0.0500	0.0461		mg/L		92	75 - 125
4-Methyl-2-pentanone	<0.050		0.250	0.226		mg/L		90	60 - 140
m,p-Xylenes	<0.010		0.0500	0.0481		mg/L		96	75 - 125
o-Xylene	<0.0010		0.0500	0.0487		mg/L		97	75 - 125
Styrene	<0.0010		0.0500	0.0490		mg/L		98	75 - 125
1,1,1,2-Tetrachloroethane	<0.0010		0.0500	0.0499		mg/L		100	72 - 125
1,1,1,2,2-Tetrachloroethane	<0.0010		0.0500	0.0458		mg/L		92	74 - 125
Tetrachloroethylene	<0.0010		0.0500	0.0481		mg/L		96	71 - 125

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QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 192-9129-1 MS
Matrix: Water
Analysis Batch: 143870

Client Sample ID: MW-2A
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Toluene	<0.0010		0.0500	0.0475		mg/L		95	59 - 139
trans-1,2-Dichloroethene	<0.0010		0.0500	0.0510		mg/L		102	75 - 125
trans-1,3-Dichloropropene	<0.0050		0.0500	0.0483		mg/L		97	66 - 125
trans-1,4-Dichloro-2-butene	<0.010		0.0500	0.0432		mg/L		86	70 - 130
1,1,1-Trichloroethane	<0.0050		0.0500	0.0479		mg/L		96	75 - 125
1,1,2-Trichloroethane	<0.0010		0.0500	0.0482		mg/L		96	75 - 127
Trichloroethene	<0.0050		0.0500	0.0506		mg/L		101	62 - 137
Trichlorofluoromethane	<0.0010		0.0500	0.0443		mg/L		89	60 - 140
1,2,3-Trichloropropane	<0.0010		0.0500	0.0430		mg/L		86	75 - 125
Vinyl acetate	<0.020		0.250	0.243		mg/L		97	60 - 140
Vinyl chloride	<0.0020		0.0500	0.0461		mg/L		92	60 - 140
Acrolein	<0.050		0.250	0.234		mg/L		93	50 - 150
Allyl Chloride (3-Chloropropene)	<0.0050		0.0500	0.0478		mg/L		96	70 - 130
Benzene	<0.0010		0.0500	0.0489		mg/L		98	66 - 142
Chloroethane	<0.010		0.0500	0.0432		mg/L		86	60 - 140
Chloroprene	<0.0050		0.0500	0.0464		mg/L		93	70 - 130
1,3-Dichlorobenzene	<0.0010		0.0500	0.0461		mg/L		92	75 - 125
Dichlorodifluoromethane	<0.0010		0.0500	0.0592		mg/L		118	70 - 130
1,3-Dichloropropane	<0.0050		0.0500	0.0471		mg/L		94	75 - 125
2,2-Dichloropropane	<0.0050		0.0500	0.0487		mg/L		97	75 - 125
1,1-Dichloropropene	<0.0050		0.0500	0.0463		mg/L		93	75 - 125
Isobutanol	<0.050		1.24	1.13		mg/L		91	60 - 140
Methacrylonitrile	<0.010		0.500	0.472		mg/L		94	70 - 130
Propane Nitrile (Propionitrile)	<0.010		0.500	0.457		mg/L		91	70 - 130
		MS	MS						
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	97		63 - 144						
4-Bromofluorobenzene (Surr)	95		74 - 124						
Dibromofluoromethane (Surr)	98		75 - 131						
Toluene-d8 (Surr)	98		80 - 120						

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

Lab Sample ID: MB 860-143969/1-A
Matrix: Water
Analysis Batch: 143965

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143969

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Acenaphthylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Acetophenone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
4-Aminobiphenyl (4-Biphenylamine)	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
2-Acetylaminofluorene	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Benzo[a]anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Benzo[a]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Benzo[b]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Benzo[k]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Benzo[g,h,i]perylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1

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QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

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

Lab Sample ID: MB 860-143969/1-A
Matrix: Water
Analysis Batch: 143965

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143969

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzyl alcohol	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
Bis(2-chloroethoxy)methane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Bis(2-chloroethyl)ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Bis(2-ethylhexyl) phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
bis (2-chloroisopropyl) ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
4-Bromophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Butyl benzyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
4-Chloroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
Chlorobenzilate	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
4-Chloro-3-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
2-Chloronaphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
2-Chlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
4-Chlorophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Chrysene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Diallate (trans or cis isomers)	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Dibenz(a,h)anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Dibenzofuran	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
3,3'-Dimethylbenzidine	<0.080		0.080		mg/L		02/06/24 07:52	02/06/24 13:51	1
2,4-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
2,6-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Diethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Dimethoate	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
7,12-Dimethylbenz(a)anthracene	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
3,3'-Dichlorobenzidine	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
2,4-Dimethylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Dimethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Di-n-butyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
1,3-Dinitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
4,6-Dinitro-2-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
2,4-Dinitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
2,4-Dinitrotoluene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
2,6-Dinitrotoluene	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
Di-n-octyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Diphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Disulfoton	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Ethyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Famphur	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Fluorene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Hexachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Hexachlorobutadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Hexachlorocyclopentadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Hexachloroethane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Hexachloropropene	<0.10		0.10		mg/L		02/06/24 07:52	02/06/24 13:51	1
Indeno[1,2,3-cd]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Isodrin	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Isophorone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Isosafrole	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Kepone	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1

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QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

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

Lab Sample ID: MB 860-143969/1-A
Matrix: Water
Analysis Batch: 143965

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143969

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methapyrilene	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
3-Methylcholanthrene	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Methyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Methyl parathion	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
2-Methylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
3 & 4 Methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
Naphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
1,4-Naphthoquinone	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
1-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
2-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
2-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
3-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
4-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
Nitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
5-Nitro-o-toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
2-Nitrophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
4-Nitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
N-Nitrosodiethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
N-Nitrosodimethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
N-Nitrosodi-n-butylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
N-Nitrosodi-n-propylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
N-Nitrosodiphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
N-Nitrosomethylethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
N-Nitrosomorpholine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
N-Nitrosopyrrolidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
N-Nitrosopiperidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
o,o',o"-Triethylphosphorothioate	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
o-Toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Parathion, Ethyl	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
p-Dimethylamino azobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Pentachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Pentachloronitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Pentachlorophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
Phenacetin	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Phenanthrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Phenol	<0.010		0.010		mg/L		02/06/24 07:52	02/06/24 13:51	1
Phorate	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
p-Phenylene diamine	<0.10		0.10		mg/L		02/06/24 07:52	02/06/24 13:51	1
Pronamide	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Safrole	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
1,2,4,5-Tetrachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
2,3,4,6-Tetrachlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
2,4,5-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
2,4,6-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/06/24 13:51	1
1,3,5-Trinitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1
Zinophos	<0.050		0.050		mg/L		02/06/24 07:52	02/06/24 13:51	1

QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

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

Lab Sample ID: MB 860-143969/1-A
Matrix: Water
Analysis Batch: 143965

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143969

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	75		31 - 132	02/06/24 07:52	02/06/24 13:51	1
2-Fluorobiphenyl (Surr)	75		29 - 112	02/06/24 07:52	02/06/24 13:51	1
2-Fluorophenol (Surr)	36		21 - 114	02/06/24 07:52	02/06/24 13:51	1
Nitrobenzene-d5 (Surr)	79		26 - 110	02/06/24 07:52	02/06/24 13:51	1
p-Terphenyl-d14 (Surr)	103		20 - 141	02/06/24 07:52	02/06/24 13:51	1
Phenol-d5 (Surr)	25		16 - 117	02/06/24 07:52	02/06/24 13:51	1

Lab Sample ID: MB 860-143969/1-A
Matrix: Water
Analysis Batch: 144311

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143969

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Acenaphthylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Acetophenone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
4-Aminobiphenyl (4-Biphenylamine)	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
2-Acetylaminofluorene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Benzo[a]anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Benzo[a]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Benzo[b]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Benzo[k]fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Benzo[g,h,i]perylene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Benzyl alcohol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
Bis(2-chloroethoxy)methane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Bis(2-chloroethyl)ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Bis(2-ethylhexyl) phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
bis (2-chloroisopropyl) ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
4-Bromophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Butyl benzyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
4-Chloroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
Chlorobenzilate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
4-Chloro-3-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
2-Chloronaphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
2-Chlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
4-Chlorophenyl phenyl ether	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Chrysene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Diallate (trans or cis isomers)	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Dibenz(a,h)anthracene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Dibenzofuran	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
3,3'-Dimethylbenzidine	<0.080		0.080		mg/L		02/06/24 07:52	02/07/24 20:43	1
2,4-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
2,6-Dichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Diethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Dimethoate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
7,12-Dimethylbenz(a)anthracene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
3,3'-Dichlorobenzidine	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
2,4-Dimethylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1

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QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

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

Lab Sample ID: MB 860-143969/1-A
Matrix: Water
Analysis Batch: 144311

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143969

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Dimethyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Di-n-butyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
1,3-Dinitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
4,6-Dinitro-2-methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
2,4-Dinitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
2,4-Dinitrotoluene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
2,6-Dinitrotoluene	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
Di-n-octyl phthalate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Diphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Disulfoton	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Ethyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Famphur	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Fluoranthene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Fluorene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Hexachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Hexachlorobutadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Hexachlorocyclopentadiene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Hexachloroethane	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Hexachloropropene	<0.10		0.10		mg/L		02/06/24 07:52	02/07/24 20:43	1
Indeno[1,2,3-cd]pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Isodrin	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Isophorone	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Isosafrole	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Kepone	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Methapyrilene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
3-Methylcholanthrene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Methyl methanesulfonate	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Methyl parathion	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
2-Methylphenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
3 & 4 Methylphenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
Naphthalene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
1,4-Naphthoquinone	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
1-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
2-Naphthylamine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
2-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
3-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
4-Nitroaniline	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
Nitrobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
5-Nitro-o-toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
2-Nitrophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
4-Nitrophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
N-Nitrosodiethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
N-Nitrosodimethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
N-Nitrosodi-n-butylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
N-Nitrosodi-n-propylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
N-Nitrosodiphenylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
N-Nitrosomethylethylamine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
N-Nitrosomorpholine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
N-Nitrosopyrrolidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1

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QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

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

Lab Sample ID: MB 860-143969/1-A
Matrix: Water
Analysis Batch: 144311

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosopiperidine	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
o,o',o"-Triethylphosphorothioate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
o-Toluidine	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Parathion, Ethyl	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
p-Dimethylamino azobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Pentachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Pentachloronitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Pentachlorophenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
Phenacetin	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Phenanthrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Phenol	<0.010		0.010		mg/L		02/06/24 07:52	02/07/24 20:43	1
Phorate	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
p-Phenylene diamine	<0.10		0.10		mg/L		02/06/24 07:52	02/07/24 20:43	1
Pronamide	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Pyrene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Safrole	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
1,2,4,5-Tetrachlorobenzene	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
2,3,4,6-Tetrachlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
2,4,5-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
2,4,6-Trichlorophenol	<0.0050		0.0050		mg/L		02/06/24 07:52	02/07/24 20:43	1
1,3,5-Trinitrobenzene	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1
Zinophos	<0.050		0.050		mg/L		02/06/24 07:52	02/07/24 20:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 132	02/06/24 07:52	02/07/24 20:43	1
2-Fluorobiphenyl (Surr)	74		29 - 112	02/06/24 07:52	02/07/24 20:43	1
2-Fluorophenol (Surr)	36		21 - 114	02/06/24 07:52	02/07/24 20:43	1
Nitrobenzene-d5 (Surr)	79		26 - 110	02/06/24 07:52	02/07/24 20:43	1
p-Terphenyl-d14 (Surr)	103		20 - 141	02/06/24 07:52	02/07/24 20:43	1
Phenol-d5 (Surr)	24		16 - 117	02/06/24 07:52	02/07/24 20:43	1

Lab Sample ID: LCS 860-143969/2-A
Matrix: Water
Analysis Batch: 143965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143969

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	0.0400	0.0289		mg/L		72	41 - 116
Acenaphthylene	0.0400	0.0294		mg/L		74	41 - 118
Acetophenone	0.0800	0.0490		mg/L		61	23 - 175
Anthracene	0.0400	0.0368		mg/L		92	39 - 127
Benzo[a]anthracene	0.0400	0.0384		mg/L		96	40 - 129
Benzo[a]pyrene	0.0400	0.0416		mg/L		104	36 - 141
Benzo[b]fluoranthene	0.0400	0.0403		mg/L		101	34 - 139
Benzo[k]fluoranthene	0.0400	0.0397		mg/L		99	31 - 139
Benzo[g,h,i]perylene	0.0400	0.0422		mg/L		106	32 - 141
Benzyl alcohol	0.0400	0.0220		mg/L		55	37 - 102
Bis(2-chloroethoxy)methane	0.0400	0.0271		mg/L		68	36 - 113
Bis(2-chloroethyl)ether	0.0400	0.0287		mg/L		72	38 - 111

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QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

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

Lab Sample ID: LCS 860-143969/2-A
Matrix: Water
Analysis Batch: 143965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143969

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	0.0400	0.0411		mg/L		103	44 - 136
bis (2-chloroisopropyl) ether	0.0400	0.0271		mg/L		68	32 - 110
4-Bromophenyl phenyl ether	0.0400	0.0333		mg/L		83	40 - 126
Butyl benzyl phthalate	0.0400	0.0410		mg/L		102	44 - 133
4-Chloroaniline	0.0400	0.0229		mg/L		57	39 - 111
4-Chloro-3-methylphenol	0.0400	0.0250		mg/L		63	40 - 119
2-Chloronaphthalene	0.0400	0.0277		mg/L		69	40 - 118
2-Chlorophenol	0.0400	0.0247		mg/L		62	41 - 108
4-Chlorophenyl phenyl ether	0.0400	0.0298		mg/L		74	40 - 122
Chrysene	0.0400	0.0382		mg/L		95	41 - 124
Dibenz(a,h)anthracene	0.0400	0.0428		mg/L		107	35 - 143
Dibenzofuran	0.0400	0.0297		mg/L		74	41 - 119
2,4-Dichlorophenol	0.0400	0.0261		mg/L		65	38 - 120
2,6-Dichlorophenol	0.0400	0.0258		mg/L		65	42 - 118
Diethyl phthalate	0.0400	0.0344		mg/L		86	41 - 125
3,3'-Dichlorobenzidine	0.0400	0.0407		mg/L		102	29 - 141
2,4-Dimethylphenol	0.0400	0.0251		mg/L		63	39 - 117
Dimethyl phthalate	0.0400	0.0318		mg/L		79	42 - 123
Di-n-butyl phthalate	0.0400	0.0405		mg/L		101	41 - 133
1,3-Dinitrobenzene	0.0400	0.0354		mg/L		88	36 - 131
4,6-Dinitro-2-methylphenol	0.0400	0.0387		mg/L		97	12 - 157
2,4-Dinitrophenol	0.0400	0.0313		mg/L		78	13 - 152
2,4-Dinitrotoluene	0.0400	0.0375		mg/L		94	41 - 128
2,6-Dinitrotoluene	0.0400	0.0329		mg/L		82	42 - 127
Di-n-octyl phthalate	0.0400	0.0365		mg/L		91	34 - 145
Diphenylamine	0.0400	0.0351		mg/L		88	40 - 127
Ethyl methanesulfonate	0.0400	0.0257		mg/L		64	31 - 109
Fluoranthene	0.0400	0.0392		mg/L		98	38 - 132
Fluorene	0.0400	0.0310		mg/L		77	41 - 121
Hexachlorobenzene	0.0400	0.0351		mg/L		88	39 - 128
Hexachlorobutadiene	0.0400	0.0248		mg/L		62	31 - 120
Hexachlorocyclopentadiene	0.0400	0.0352		mg/L		88	15 - 117
Hexachloroethane	0.0400	0.0244		mg/L		61	37 - 109
Hexachloropropene	0.0400	0.0259	J	mg/L		65	30 - 122
Indeno[1,2,3-cd]pyrene	0.0400	0.0435		mg/L		109	35 - 141
Isophorone	0.0400	0.0275		mg/L		69	40 - 115
Methyl methanesulfonate	0.0400	0.0199		mg/L		50	20 - 115
2-Methylphenol	0.0400	0.0210		mg/L		52	36 - 105
3 & 4 Methylphenol	0.0400	0.0195		mg/L		49	35 - 116
Naphthalene	0.0400	0.0264		mg/L		66	37 - 113
2-Nitroaniline	0.0400	0.0327		mg/L		82	34 - 121
3-Nitroaniline	0.0400	0.0313		mg/L		78	42 - 123
4-Nitroaniline	0.0400	0.0358		mg/L		89	42 - 125
Nitrobenzene	0.0400	0.0276		mg/L		69	37 - 114
2-Nitrophenol	0.0400	0.0277		mg/L		69	38 - 125
4-Nitrophenol	0.0400	0.0182		mg/L		45	14 - 136
N-Nitrosodiethylamine	0.0400	0.0281		mg/L		70	42 - 115
N-Nitrosodimethylamine	0.0400	0.0158		mg/L		39	28 - 128
N-Nitrosodi-n-butylamine	0.0400	0.0263		mg/L		66	34 - 122

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

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

Lab Sample ID: LCS 860-143969/2-A
Matrix: Water
Analysis Batch: 143965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143969

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Nitrosodi-n-propylamine	0.0400	0.0264		mg/L		66	38 - 117
N-Nitrosodiphenylamine	0.0400	0.0351		mg/L		88	40 - 127
N-Nitrosomethylethylamine	0.0400	0.0248		mg/L		62	41 - 108
N-Nitrosomorpholine	0.0400	0.0215		mg/L		54	32 - 115
N-Nitrosopyrrolidine	0.0400	0.0237		mg/L		59	36 - 121
N-Nitrosopiperidine	0.0400	0.0254		mg/L		64	39 - 115
Pentachlorobenzene	0.0400	0.0282		mg/L		71	26 - 123
Pentachlorophenol	0.0400	0.0417		mg/L		104	10 - 137
Phenanthrene	0.0400	0.0355		mg/L		89	39 - 126
Phenol	0.0400	0.0112		mg/L		28	15 - 125
Pyrene	0.0400	0.0383		mg/L		96	40 - 130
1,2,4,5-Tetrachlorobenzene	0.0400	0.0273		mg/L		68	39 - 120
2,3,4,6-Tetrachlorophenol	0.0400	0.0339		mg/L		85	33 - 132
2,4,5-Trichlorophenol	0.0400	0.0311		mg/L		78	39 - 125
2,4,6-Trichlorophenol	0.0400	0.0300		mg/L		75	42 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	93		31 - 132
2-Fluorobiphenyl (Surr)	69		29 - 112
2-Fluorophenol (Surr)	38		21 - 114
Nitrobenzene-d5 (Surr)	68		26 - 110
p-Terphenyl-d14 (Surr)	97		20 - 141
Phenol-d5 (Surr)	27		16 - 117

Lab Sample ID: LCSD 860-143969/3-A
Matrix: Water
Analysis Batch: 143965

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143969

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	0.0400	0.0300		mg/L		75	41 - 116	4	30
Acenaphthylene	0.0400	0.0303		mg/L		76	41 - 118	3	30
Acetophenone	0.0800	0.0501		mg/L		63	23 - 175	2	30
Anthracene	0.0400	0.0383		mg/L		96	39 - 127	4	30
Benzo[a]anthracene	0.0400	0.0400		mg/L		100	40 - 129	4	30
Benzo[a]pyrene	0.0400	0.0432		mg/L		108	36 - 141	4	30
Benzo[b]fluoranthene	0.0400	0.0409		mg/L		102	34 - 139	1	30
Benzo[k]fluoranthene	0.0400	0.0421		mg/L		105	31 - 139	6	30
Benzo[g,h,i]perylene	0.0400	0.0438		mg/L		109	32 - 141	4	30
Benzyl alcohol	0.0400	0.0239		mg/L		60	37 - 102	8	40
Bis(2-chloroethoxy)methane	0.0400	0.0293		mg/L		73	36 - 113	8	30
Bis(2-chloroethyl)ether	0.0400	0.0309		mg/L		77	38 - 111	7	30
Bis(2-ethylhexyl) phthalate	0.0400	0.0430		mg/L		107	44 - 136	5	30
bis (2-chloroisopropyl) ether	0.0400	0.0294		mg/L		74	32 - 110	8	30
4-Bromophenyl phenyl ether	0.0400	0.0344		mg/L		86	40 - 126	3	30
Butyl benzyl phthalate	0.0400	0.0421		mg/L		105	44 - 133	3	30
4-Chloroaniline	0.0400	0.0254		mg/L		64	39 - 111	11	40
4-Chloro-3-methylphenol	0.0400	0.0273		mg/L		68	40 - 119	9	30
2-Chloronaphthalene	0.0400	0.0313		mg/L		78	40 - 118	12	30

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QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

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

Lab Sample ID: LCSD 860-143969/3-A
Matrix: Water
Analysis Batch: 143965

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143969

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
2-Chlorophenol	0.0400	0.0269		mg/L		67	41 - 108	8	30	
4-Chlorophenyl phenyl ether	0.0400	0.0305		mg/L		76	40 - 122	2	30	
Chrysene	0.0400	0.0394		mg/L		99	41 - 124	3	30	
Dibenz(a,h)anthracene	0.0400	0.0446		mg/L		111	35 - 143	4	30	
Dibenzofuran	0.0400	0.0303		mg/L		76	41 - 119	2	30	
2,4-Dichlorophenol	0.0400	0.0282		mg/L		70	38 - 120	8	30	
2,6-Dichlorophenol	0.0400	0.0278		mg/L		70	42 - 118	7	30	
Diethyl phthalate	0.0400	0.0360		mg/L		90	41 - 125	5	30	
3,3'-Dichlorobenzidine	0.0400	0.0432		mg/L		108	29 - 141	6	40	
2,4-Dimethylphenol	0.0400	0.0276		mg/L		69	39 - 117	9	30	
Dimethyl phthalate	0.0400	0.0330		mg/L		82	42 - 123	4	30	
Di-n-butyl phthalate	0.0400	0.0422		mg/L		106	41 - 133	4	30	
1,3-Dinitrobenzene	0.0400	0.0373		mg/L		93	36 - 131	5	30	
4,6-Dinitro-2-methylphenol	0.0400	0.0405		mg/L		101	12 - 157	5	40	
2,4-Dinitrophenol	0.0400	0.0333		mg/L		83	13 - 152	6	40	
2,4-Dinitrotoluene	0.0400	0.0393		mg/L		98	41 - 128	5	30	
2,6-Dinitrotoluene	0.0400	0.0343		mg/L		86	42 - 127	4	30	
Di-n-octyl phthalate	0.0400	0.0384		mg/L		96	34 - 145	5	30	
Diphenylamine	0.0400	0.0366		mg/L		92	40 - 127	4	30	
Ethyl methanesulfonate	0.0400	0.0275		mg/L		69	31 - 109	7	30	
Fluoranthene	0.0400	0.0407		mg/L		102	38 - 132	4	30	
Fluorene	0.0400	0.0318		mg/L		80	41 - 121	3	30	
Hexachlorobenzene	0.0400	0.0365		mg/L		91	39 - 128	4	30	
Hexachlorobutadiene	0.0400	0.0270		mg/L		67	31 - 120	8	30	
Hexachlorocyclopentadiene	0.0400	0.0368		mg/L		92	15 - 117	4	30	
Hexachloroethane	0.0400	0.0259		mg/L		65	37 - 109	6	30	
Hexachloropropene	0.0400	0.0276	J	mg/L		69	30 - 122	7	30	
Indeno[1,2,3-cd]pyrene	0.0400	0.0450		mg/L		113	35 - 141	3	30	
Isophorone	0.0400	0.0296		mg/L		74	40 - 115	7	30	
Methyl methanesulfonate	0.0400	0.0218		mg/L		55	20 - 115	9	30	
2-Methylphenol	0.0400	0.0227		mg/L		57	36 - 105	8	30	
3 & 4 Methylphenol	0.0400	0.0211		mg/L		53	35 - 116	8	30	
Naphthalene	0.0400	0.0285		mg/L		71	37 - 113	8	30	
2-Nitroaniline	0.0400	0.0346		mg/L		87	34 - 121	6	40	
3-Nitroaniline	0.0400	0.0333		mg/L		83	42 - 123	6	40	
4-Nitroaniline	0.0400	0.0374		mg/L		94	42 - 125	4	40	
Nitrobenzene	0.0400	0.0299		mg/L		75	37 - 114	8	30	
2-Nitrophenol	0.0400	0.0300		mg/L		75	38 - 125	8	30	
4-Nitrophenol	0.0400	0.0195		mg/L		49	14 - 136	7	40	
N-Nitrosodiethylamine	0.0400	0.0299		mg/L		75	42 - 115	6	30	
N-Nitrosodimethylamine	0.0400	0.0171		mg/L		43	28 - 128	8	30	
N-Nitrosodi-n-butylamine	0.0400	0.0282		mg/L		71	34 - 122	7	30	
N-Nitrosodi-n-propylamine	0.0400	0.0285		mg/L		71	38 - 117	8	30	
N-Nitrosodiphenylamine	0.0400	0.0366		mg/L		92	40 - 127	4	30	
N-Nitrosomethylethylamine	0.0400	0.0265		mg/L		66	41 - 108	7	30	
N-Nitrosomorpholine	0.0400	0.0230		mg/L		57	32 - 115	7	30	
N-Nitrosopyrrolidine	0.0400	0.0253		mg/L		63	36 - 121	7	30	
N-Nitrosopiperidine	0.0400	0.0276		mg/L		69	39 - 115	8	30	
Pentachlorobenzene	0.0400	0.0292		mg/L		73	26 - 123	3	30	

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

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

Lab Sample ID: LCSD 860-143969/3-A
Matrix: Water
Analysis Batch: 143965

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143969

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Pentachlorophenol	0.0400	0.0429		mg/L		107	10 - 137	3	40	
Phenanthrene	0.0400	0.0374		mg/L		93	39 - 126	5	30	
Phenol	0.0400	0.0121		mg/L		30	15 - 125	8	40	
Pyrene	0.0400	0.0401		mg/L		100	40 - 130	5	30	
1,2,4,5-Tetrachlorobenzene	0.0400	0.0289		mg/L		72	39 - 120	6	30	
2,3,4,6-Tetrachlorophenol	0.0400	0.0349		mg/L		87	33 - 132	3	30	
2,4,5-Trichlorophenol	0.0400	0.0315		mg/L		79	39 - 125	1	30	
2,4,6-Trichlorophenol	0.0400	0.0307		mg/L		77	42 - 125	2	30	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	98		31 - 132
2-Fluorobiphenyl (Surr)	71		29 - 112
2-Fluorophenol (Surr)	42		21 - 114
Nitrobenzene-d5 (Surr)	73		26 - 110
p-Terphenyl-d14 (Surr)	97		20 - 141
Phenol-d5 (Surr)	29		16 - 117

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 860-143804/1-A
Matrix: Water
Analysis Batch: 144044

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143804

Analyte	MB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
Aldrin	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
alpha-BHC	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
gamma-BHC (Lindane)	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Chlorodane	<0.0010		0.0010		mg/L		02/05/24 11:07	02/06/24 18:33		1	
4,4'-DDD	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
4,4'-DDE	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
4,4'-DDT	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Dieldrin	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Endosulfan I	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Endosulfan II	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Endosulfan sulfate	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Endrin	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Endrin aldehyde	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Heptachlor	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Heptachlor epoxide	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Methoxychlor	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Toxaphene	<0.0010		0.0010		mg/L		02/05/24 11:07	02/06/24 18:33		1	
beta-BHC	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
delta-BHC	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	
Endrin ketone	<0.000050		0.000050		mg/L		02/05/24 11:07	02/06/24 18:33		1	

Surrogate	MB		Limits	Prepared		Analyzed		Dil Fac
	%Recovery	Qualifier						
DCB Decachlorobiphenyl (Surr)	55		28 - 94	02/05/24 11:07	02/06/24 18:33		1	
Tetrachloro-m-xylene	107		52 - 134	02/05/24 11:07	02/06/24 18:33		1	

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 860-143804/2-A
Matrix: Water
Analysis Batch: 144044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin	0.00126	0.00128		mg/L		102	52 - 110
alpha-BHC	0.00126	0.00138	*+	mg/L		110	58 - 105
gamma-BHC (Lindane)	0.00126	0.00140	*+	mg/L		111	59 - 107
4,4'-DDD	0.00126	0.00145	*+	mg/L		115	60 - 111
4,4'-DDE	0.00126	0.00137	*+	mg/L		109	47 - 97
4,4'-DDT	0.00126	0.00112		mg/L		89	53 - 96
Dieldrin	0.00126	0.00121		mg/L		96	57 - 107
Endosulfan I	0.00126	0.00142	*+	mg/L		112	56 - 110
Endosulfan II	0.00126	0.00130		mg/L		103	58 - 108
Endosulfan sulfate	0.00126	0.00125		mg/L		99	57 - 101
Endrin	0.00126	0.00135	*+	mg/L		107	55 - 102
Endrin aldehyde	0.00126	0.00140	*+	mg/L		111	48 - 96
Heptachlor	0.00126	0.00120		mg/L		95	55 - 106
Heptachlor epoxide	0.00126	0.00135		mg/L		107	56 - 109
Methoxychlor	0.00126	0.00108		mg/L		86	53 - 102
beta-BHC	0.00126	0.00129	*+	mg/L		102	52 - 98
delta-BHC	0.00126	0.00137	*+	mg/L		109	49 - 87
Endrin ketone	0.00126	0.00128		mg/L		101	59 - 107

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	56		28 - 94
Tetrachloro-m-xylene	89		52 - 134

Lab Sample ID: LCSD 860-143804/3-A
Matrix: Water
Analysis Batch: 144044

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143804

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Aldrin	0.00126	0.00128		mg/L		101	52 - 110	1	25
alpha-BHC	0.00126	0.00140	*+	mg/L		111	58 - 105	1	25
gamma-BHC (Lindane)	0.00126	0.00142	*+	mg/L		112	59 - 107	1	25
4,4'-DDD	0.00126	0.00146	*+	mg/L		116	60 - 111	1	25
4,4'-DDE	0.00126	0.00135	*+	mg/L		107	47 - 97	2	25
4,4'-DDT	0.00126	0.00109		mg/L		86	53 - 96	2	25
Dieldrin	0.00126	0.00121		mg/L		95	57 - 107	1	25
Endosulfan I	0.00126	0.00142	*+	mg/L		113	56 - 110	0	25
Endosulfan II	0.00126	0.00130		mg/L		103	58 - 108	0	25
Endosulfan sulfate	0.00126	0.00123		mg/L		97	57 - 101	2	25
Endrin	0.00126	0.00138	*+	mg/L		109	55 - 102	2	25
Endrin aldehyde	0.00126	0.00138	*+	mg/L		109	48 - 96	2	25
Heptachlor	0.00126	0.00122		mg/L		96	55 - 106	2	25
Heptachlor epoxide	0.00126	0.00137		mg/L		108	56 - 109	1	25
Methoxychlor	0.00126	0.00109		mg/L		86	53 - 102	1	25
beta-BHC	0.00126	0.00130	*+	mg/L		103	52 - 98	1	25
delta-BHC	0.00126	0.00139	*+	mg/L		110	49 - 87	1	25
Endrin ketone	0.00126	0.00128		mg/L		102	59 - 107	0	25

QC Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 860-143804/3-A
Matrix: Water
Analysis Batch: 144044

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143804

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	55		28 - 94
Tetrachloro-m-xylene	99		52 - 134

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 192-13071/1-A
Matrix: Water
Analysis Batch: 13194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13071

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 10:06	1
PCB-1221	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 10:06	1
PCB-1232	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 10:06	1
PCB-1242	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 10:06	1
PCB-1248	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 10:06	1
PCB-1254	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 10:06	1
PCB-1260	<0.00020		0.00020		mg/L		02/02/24 09:02	02/06/24 10:06	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	73		50 - 112	02/02/24 09:02	02/06/24 10:06	1
DCB Decachlorobiphenyl (Surr)	47		19 - 110	02/02/24 09:02	02/06/24 10:06	1

Lab Sample ID: LCS 192-13071/2-A
Matrix: Water
Analysis Batch: 13194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13071

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
PCB-1016	0.000500	0.000396		mg/L		79	61 - 103
PCB-1260	0.000504	0.000362		mg/L		72	37 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	82		50 - 112
DCB Decachlorobiphenyl (Surr)	52		19 - 110

Lab Sample ID: LCSD 192-13071/3-A
Matrix: Water
Analysis Batch: 13194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13071

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
PCB-1016	0.000500	0.000386		mg/L		77	61 - 103	2	36
PCB-1260	0.000504	0.000389		mg/L		77	37 - 130	7	38

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	82		50 - 112
DCB Decachlorobiphenyl (Surr)	63		19 - 110

QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 192-9129-1 MS
Matrix: Water
Analysis Batch: 13194

Client Sample ID: MW-2A
Prep Type: Total/NA
Prep Batch: 13071

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	<0.00020		0.000500	0.000296		mg/L		59	
PCB-1260	<0.00020		0.000504	0.000262		mg/L		52	
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
Tetrachloro-m-xylene	60		50 - 112						
DCB Decachlorobiphenyl (Surr)	39		19 - 110						

Lab Sample ID: 192-9129-1 MSD
Matrix: Water
Analysis Batch: 13194

Client Sample ID: MW-2A
Prep Type: Total/NA
Prep Batch: 13071

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	<0.00020		0.000500	0.000334		mg/L		67		12	36
PCB-1260	<0.00020		0.000504	0.000317		mg/L		63		19	38
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
Tetrachloro-m-xylene	66		50 - 112								
DCB Decachlorobiphenyl (Surr)	41		19 - 110								

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 860-143971/1-A
Matrix: Water
Analysis Batch: 144183

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143971

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.00020		0.00020		mg/L		02/06/24 08:12	02/07/24 23:03	1
2,4,5-TP (Silvex)	<0.00020		0.00020		mg/L		02/06/24 08:12	02/07/24 23:03	1
2,4,5-T	<0.00020		0.00020		mg/L		02/06/24 08:12	02/07/24 23:03	1
Dinoseb	<0.00020		0.00020		mg/L		02/06/24 08:12	02/07/24 23:03	1
MB MB									
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
2,4-Dichlorophenylacetic acid	72		42 - 150	02/06/24 08:12	02/07/24 23:03	1			

Lab Sample ID: LCS 860-143971/2-A
Matrix: Water
Analysis Batch: 144183

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143971

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-D	0.00202	0.00145		mg/L		71	45 - 124
2,4,5-TP (Silvex)	0.00202	0.00160		mg/L		79	45 - 124
2,4,5-T	0.00202	0.00144		mg/L		71	40 - 134
Dinoseb	0.00202	0.000314	*	mg/L		16	20 - 128
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
2,4-Dichlorophenylacetic acid	81		42 - 150				

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QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 860-143971/3-A
Matrix: Water
Analysis Batch: 144183

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143971

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D	0.00200	0.00137		mg/L		69	45 - 124	5	25
2,4,5-TP (Silvex)	0.00200	0.00156		mg/L		78	45 - 124	2	25
2,4,5-T	0.00200	0.00141		mg/L		70	40 - 134	2	25
Dinoseb	0.00200	0.000370	*-	mg/L		19	20 - 128	16	25

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4-Dichlorophenylacetic acid	80		42 - 150

Lab Sample ID: MB 860-143972/1-A
Matrix: Water
Analysis Batch: 144183

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143972

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.00020		0.00020		mg/L		02/06/24 08:14	02/07/24 10:27	1
2,4,5-TP (Silvex)	<0.00020		0.00020		mg/L		02/06/24 08:14	02/07/24 10:27	1
2,4,5-T	<0.00020		0.00020		mg/L		02/06/24 08:14	02/07/24 10:27	1
Dinoseb	<0.00020		0.00020		mg/L		02/06/24 08:14	02/07/24 10:27	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	87		42 - 150	02/06/24 08:14	02/07/24 10:27	1

Lab Sample ID: LCS 860-143972/2-A
Matrix: Water
Analysis Batch: 144183

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143972

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-D	0.00202	0.00125		mg/L		62	45 - 124
2,4,5-TP (Silvex)	0.00202	0.00161		mg/L		79	45 - 124
2,4,5-T	0.00202	0.00158		mg/L		78	40 - 134
Dinoseb	0.00202	0.000350	*-	mg/L		17	20 - 128

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
2,4-Dichlorophenylacetic acid	87		42 - 150

Lab Sample ID: LCSD 860-143972/3-A
Matrix: Water
Analysis Batch: 144183

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143972

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D	0.00199	0.00147		mg/L		74	45 - 124	16	25
2,4,5-TP (Silvex)	0.00199	0.00161		mg/L		81	45 - 124	0	25
2,4,5-T	0.00199	0.00150		mg/L		76	40 - 134	5	25
Dinoseb	0.00199	0.000307	*-	mg/L		15	20 - 128	13	25

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4-Dichlorophenylacetic acid	82		42 - 150

QC Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 860-66858-C-14-B MS
Matrix: Water
Analysis Batch: 144183

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 143972

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
2,4-D	<0.00020		0.00200	0.00210		mg/L		105		50 - 150
2,4,5-TP (Silvex)	<0.00020		0.00200	0.00161		mg/L		81		50 - 150
2,4,5-T	<0.00020		0.00200	0.00147		mg/L		74		50 - 150
Dinoseb	<0.00020	*-	0.00200	0.00140		mg/L		70		50 - 150
MS MS										
Surrogate	%Recovery		Qualifier	Limits						
2,4-Dichlorophenylacetic acid	84			42 - 150						

Lab Sample ID: 860-66858-D-14-A MSD
Matrix: Water
Analysis Batch: 144183

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 143972

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
2,4-D	<0.00020		0.00201	0.00215		mg/L		107		50 - 150	3	25
2,4,5-TP (Silvex)	<0.00020		0.00201	0.00152		mg/L		75		50 - 150	6	25
2,4,5-T	<0.00020		0.00201	0.00142		mg/L		71		50 - 150	3	25
Dinoseb	<0.00020	*-	0.00201	0.00129		mg/L		64		50 - 150	8	25
MSD MSD												
Surrogate	%Recovery		Qualifier	Limits								
2,4-Dichlorophenylacetic acid	78			42 - 150								

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 192-13029/1-A
Matrix: Water
Analysis Batch: 13053

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13029

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Tin	<0.10		0.10		mg/L		02/01/24 12:10	02/01/24 15:15	1

Lab Sample ID: LCS 192-13029/2-A
Matrix: Water
Analysis Batch: 13053

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13029

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	Limits
Tin	2.00	1.78		mg/L		89		85 - 115

Lab Sample ID: 192-9129-1 MS
Matrix: Water
Analysis Batch: 13053

Client Sample ID: MW-2A
Prep Type: Total/NA
Prep Batch: 13029

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Tin	<0.10		2.00	1.71		mg/L		85		75 - 125

QC Sample Results

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 192-9129-1 MSD
Matrix: Water
Analysis Batch: 13053

Client Sample ID: MW-2A
Prep Type: Total/NA
Prep Batch: 13029

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tin	<0.10		2.00	1.77		mg/L		89	75 - 125	4	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 192-13232/1-A
Matrix: Water
Analysis Batch: 13292

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13232

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 12:59	1
Arsenic	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 12:59	1
Barium	<0.0020		0.0020		mg/L		02/06/24 15:36	02/07/24 12:59	1
Beryllium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 12:59	1
Cadmium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 12:59	1
Chromium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 12:59	1
Cobalt	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 12:59	1
Copper	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 12:59	1
Lead	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 12:59	1
Nickel	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 12:59	1
Selenium	<0.0020		0.0020		mg/L		02/06/24 15:36	02/07/24 12:59	1
Silver	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 12:59	1
Thallium	<0.00050		0.00050		mg/L		02/06/24 15:36	02/07/24 12:59	1
Vanadium	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 12:59	1
Zinc	<0.010		0.010		mg/L		02/06/24 15:36	02/07/24 12:59	1

Lab Sample ID: LCS 192-13232/2-A
Matrix: Water
Analysis Batch: 13292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13232

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0200	0.0217		mg/L		108	85 - 115
Arsenic	0.0200	0.0200		mg/L		100	85 - 115
Barium	0.0200	0.0203		mg/L		101	85 - 115
Beryllium	0.0200	0.0203		mg/L		102	85 - 115
Cadmium	0.0200	0.0201		mg/L		100	85 - 115
Chromium	0.0200	0.0199		mg/L		99	85 - 115
Cobalt	0.0200	0.0204		mg/L		102	85 - 115
Copper	0.0200	0.0201		mg/L		101	85 - 115
Lead	0.0200	0.0209		mg/L		105	85 - 115
Nickel	0.0200	0.0203		mg/L		102	85 - 115
Selenium	0.0200	0.0198		mg/L		99	85 - 115
Silver	0.0200	0.0202		mg/L		101	85 - 115
Thallium	0.0200	0.0208		mg/L		104	85 - 115
Vanadium	0.0200	0.0190		mg/L		95	85 - 115
Zinc	0.0200	0.0202		mg/L		101	85 - 115

QC Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

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

Lab Sample ID: 192-9267-B-1-A MS
Matrix: Water
Analysis Batch: 13292

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 13232

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.010		0.0200	0.0219		mg/L		110	75 - 125
Arsenic	0.0047		0.0200	0.0212		mg/L		83	75 - 125
Barium	0.096		0.0200	0.113	4	mg/L		89	75 - 125
Beryllium	<0.00050		0.0200	0.0155		mg/L		75	75 - 125
Cadmium	<0.00050		0.0200	0.0199		mg/L		99	75 - 125
Chromium	0.0017		0.0200	0.0189		mg/L		86	75 - 125
Cobalt	<0.010		0.0200	0.0202		mg/L		88	75 - 125
Copper	0.0012		0.0200	0.0179		mg/L		84	75 - 125
Lead	0.00057		0.0200	0.0211		mg/L		103	75 - 125
Nickel	0.0032		0.0200	0.0203		mg/L		85	75 - 125
Selenium	<0.0020		0.0200	0.0210		mg/L		105	75 - 125
Silver	<0.00050		0.0200	0.0189		mg/L		94	75 - 125
Thallium	<0.00050		0.0200	0.0206		mg/L		103	75 - 125
Vanadium	<0.010		0.0200	0.0210		mg/L		85	75 - 125
Zinc	<0.010		0.0200	0.0268		mg/L		87	75 - 125

Lab Sample ID: 192-9267-B-1-B MSD
Matrix: Water
Analysis Batch: 13292

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 13232

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.010		0.0200	0.0222		mg/L		111	75 - 125	1	20
Arsenic	0.0047		0.0200	0.0214		mg/L		84	75 - 125	1	20
Barium	0.096		0.0200	0.113	4	mg/L		89	75 - 125	0	20
Beryllium	<0.00050		0.0200	0.0154		mg/L		75	75 - 125	1	20
Cadmium	<0.00050		0.0200	0.0199		mg/L		98	75 - 125	0	20
Chromium	0.0017		0.0200	0.0186		mg/L		84	75 - 125	2	20
Cobalt	<0.010		0.0200	0.0198		mg/L		86	75 - 125	2	20
Copper	0.0012		0.0200	0.0177		mg/L		82	75 - 125	1	20
Lead	0.00057		0.0200	0.0215		mg/L		105	75 - 125	2	20
Nickel	0.0032		0.0200	0.0198		mg/L		83	75 - 125	2	20
Selenium	<0.0020		0.0200	0.0210		mg/L		105	75 - 125	0	20
Silver	<0.00050		0.0200	0.0188		mg/L		94	75 - 125	0	20
Thallium	<0.00050		0.0200	0.0207		mg/L		103	75 - 125	0	20
Vanadium	<0.010		0.0200	0.0203		mg/L		81	75 - 125	3	20
Zinc	<0.010		0.0200	0.0256		mg/L		81	75 - 125	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 192-13185/1-A
Matrix: Water
Analysis Batch: 13224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13185

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/06/24 08:43	02/06/24 13:47	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 192-13185/2-A
Matrix: Water
Analysis Batch: 13224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00256	0.00232		mg/L		90	85 - 115

Lab Sample ID: 192-9165-A-1-AD MS
Matrix: Water
Analysis Batch: 13224

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 13185

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.0080		0.100	0.0859		mg/L		86	75 - 125

Lab Sample ID: 192-9165-A-1-AE MSD
Matrix: Water
Analysis Batch: 13224

Client Sample ID: Matrix Spike Duplicate
Prep Type: TCLP
Prep Batch: 13185

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.0080		0.100	0.0816		mg/L		82	75 - 125	5	20

Method: 4500 S2 G-2011 - Sulfide, Total

Lab Sample ID: MB 192-13128/1
Matrix: Water
Analysis Batch: 13128

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<0.025		0.025		mg/L			02/05/24 09:31	1

Lab Sample ID: LCS 192-13128/2
Matrix: Water
Analysis Batch: 13128

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	0.0990	0.115		mg/L		116	87 - 125

Lab Sample ID: 192-9084-C-1 MS
Matrix: Water
Analysis Batch: 13128

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<0.025		0.0990	0.110		mg/L		105	86 - 132

Lab Sample ID: 192-9084-C-1 MSD
Matrix: Water
Analysis Batch: 13128

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<0.025		0.0990	0.113		mg/L		108	86 - 132	3	10

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QC Association Summary

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

GC/MS VOA

Analysis Batch: 143870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	8260D	
192-9129-2	MW-4A	Total/NA	Water	8260D	
192-9129-3	MW-6B	Total/NA	Water	8260D	
192-9129-4	MW-7A	Total/NA	Water	8260D	
MB 860-143870/9	Method Blank	Total/NA	Water	8260D	
LCS 860-143870/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-143870/4	Lab Control Sample Dup	Total/NA	Water	8260D	
192-9129-1 MS	MW-2A	Total/NA	Water	8260D	

GC/MS Semi VOA

Analysis Batch: 143965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-143969/1-A	Method Blank	Total/NA	Water	8270E	143969
LCS 860-143969/2-A	Lab Control Sample	Total/NA	Water	8270E	143969
LCSD 860-143969/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	143969

Prep Batch: 143969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	3510C	
192-9129-2	MW-4A	Total/NA	Water	3510C	
192-9129-3	MW-6B	Total/NA	Water	3510C	
192-9129-4	MW-7A	Total/NA	Water	3510C	
MB 860-143969/1-A	Method Blank	Total/NA	Water	3510C	
LCS 860-143969/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 860-143969/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 144311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	8270E	143969
192-9129-2	MW-4A	Total/NA	Water	8270E	143969
192-9129-3	MW-6B	Total/NA	Water	8270E	143969
192-9129-4	MW-7A	Total/NA	Water	8270E	143969
MB 860-143969/1-A	Method Blank	Total/NA	Water	8270E	143969

GC Semi VOA

Prep Batch: 13071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	3510C	
192-9129-2	MW-4A	Total/NA	Water	3510C	
192-9129-3	MW-6B	Total/NA	Water	3510C	
192-9129-4	MW-7A	Total/NA	Water	3510C	
MB 192-13071/1-A	Method Blank	Total/NA	Water	3510C	
LCS 192-13071/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 192-13071/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
192-9129-1 MS	MW-2A	Total/NA	Water	3510C	
192-9129-1 MSD	MW-2A	Total/NA	Water	3510C	

Analysis Batch: 13194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	8082A	13071

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QC Association Summary

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

GC Semi VOA (Continued)

Analysis Batch: 13194 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-2	MW-4A	Total/NA	Water	8082A	13071
192-9129-3	MW-6B	Total/NA	Water	8082A	13071
192-9129-4	MW-7A	Total/NA	Water	8082A	13071
MB 192-13071/1-A	Method Blank	Total/NA	Water	8082A	13071
LCS 192-13071/2-A	Lab Control Sample	Total/NA	Water	8082A	13071
LCSD 192-13071/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	13071
192-9129-1 MS	MW-2A	Total/NA	Water	8082A	13071
192-9129-1 MSD	MW-2A	Total/NA	Water	8082A	13071

Prep Batch: 143804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	3511	
192-9129-2	MW-4A	Total/NA	Water	3511	
192-9129-3	MW-6B	Total/NA	Water	3511	
192-9129-4	MW-7A	Total/NA	Water	3511	
MB 860-143804/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-143804/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-143804/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 143971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	3511	
192-9129-4	MW-7A	Total/NA	Water	3511	
MB 860-143971/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-143971/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-143971/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 143972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-2	MW-4A	Total/NA	Water	3511	
192-9129-3	MW-6B	Total/NA	Water	3511	
MB 860-143972/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-143972/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-143972/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
860-66858-C-14-B MS	Matrix Spike	Total/NA	Water	3511	
860-66858-D-14-A MSD	Matrix Spike Duplicate	Total/NA	Water	3511	

Analysis Batch: 144044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	8081B	143804
192-9129-2	MW-4A	Total/NA	Water	8081B	143804
192-9129-3	MW-6B	Total/NA	Water	8081B	143804
192-9129-4	MW-7A	Total/NA	Water	8081B	143804
MB 860-143804/1-A	Method Blank	Total/NA	Water	8081B	143804
LCS 860-143804/2-A	Lab Control Sample	Total/NA	Water	8081B	143804
LCSD 860-143804/3-A	Lab Control Sample Dup	Total/NA	Water	8081B	143804

Analysis Batch: 144183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	8151A	143971
192-9129-2	MW-4A	Total/NA	Water	8151A	143972

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QC Association Summary

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

GC Semi VOA (Continued)

Analysis Batch: 144183 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-3	MW-6B	Total/NA	Water	8151A	143972
192-9129-4	MW-7A	Total/NA	Water	8151A	143971
MB 860-143971/1-A	Method Blank	Total/NA	Water	8151A	143971
MB 860-143972/1-A	Method Blank	Total/NA	Water	8151A	143972
LCS 860-143971/2-A	Lab Control Sample	Total/NA	Water	8151A	143971
LCS 860-143972/2-A	Lab Control Sample	Total/NA	Water	8151A	143972
LCSD 860-143971/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	143971
LCSD 860-143972/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	143972
860-66858-C-14-B MS	Matrix Spike	Total/NA	Water	8151A	143972
860-66858-D-14-A MSD	Matrix Spike Duplicate	Total/NA	Water	8151A	143972

Metals

Leach Batch: 11428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9165-A-1-AD MS	Matrix Spike	TCLP	Water	1311	
192-9165-A-1-AE MSD	Matrix Spike Duplicate	TCLP	Water	1311	

Prep Batch: 13029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	3010A	
192-9129-2	MW-4A	Total/NA	Water	3010A	
192-9129-3	MW-6B	Total/NA	Water	3010A	
192-9129-4	MW-7A	Total/NA	Water	3010A	
MB 192-13029/1-A	Method Blank	Total/NA	Water	3010A	
LCS 192-13029/2-A	Lab Control Sample	Total/NA	Water	3010A	
192-9129-1 MS	MW-2A	Total/NA	Water	3010A	
192-9129-1 MSD	MW-2A	Total/NA	Water	3010A	

Analysis Batch: 13053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	6010D	13029
192-9129-2	MW-4A	Total/NA	Water	6010D	13029
192-9129-3	MW-6B	Total/NA	Water	6010D	13029
192-9129-4	MW-7A	Total/NA	Water	6010D	13029
MB 192-13029/1-A	Method Blank	Total/NA	Water	6010D	13029
LCS 192-13029/2-A	Lab Control Sample	Total/NA	Water	6010D	13029
192-9129-1 MS	MW-2A	Total/NA	Water	6010D	13029
192-9129-1 MSD	MW-2A	Total/NA	Water	6010D	13029

Prep Batch: 13185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	7470A	
192-9129-2	MW-4A	Total/NA	Water	7470A	
192-9129-3	MW-6B	Total/NA	Water	7470A	
192-9129-4	MW-7A	Total/NA	Water	7470A	
MB 192-13185/1-A	Method Blank	Total/NA	Water	7470A	
LCS 192-13185/2-A	Lab Control Sample	Total/NA	Water	7470A	
192-9165-A-1-AD MS	Matrix Spike	TCLP	Water	7470A	11428
192-9165-A-1-AE MSD	Matrix Spike Duplicate	TCLP	Water	7470A	11428

Eurofins Arkansas

QC Association Summary

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Metals

Analysis Batch: 13224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	7470A	13185
192-9129-2	MW-4A	Total/NA	Water	7470A	13185
192-9129-3	MW-6B	Total/NA	Water	7470A	13185
192-9129-4	MW-7A	Total/NA	Water	7470A	13185
MB 192-13185/1-A	Method Blank	Total/NA	Water	7470A	13185
LCS 192-13185/2-A	Lab Control Sample	Total/NA	Water	7470A	13185
192-9165-A-1-AD MS	Matrix Spike	TCLP	Water	7470A	13185
192-9165-A-1-AE MSD	Matrix Spike Duplicate	TCLP	Water	7470A	13185

Prep Batch: 13232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	3010A	
192-9129-2	MW-4A	Total/NA	Water	3010A	
192-9129-3	MW-6B	Total/NA	Water	3010A	
192-9129-4	MW-7A	Total/NA	Water	3010A	
MB 192-13232/1-A	Method Blank	Total/NA	Water	3010A	
LCS 192-13232/2-A	Lab Control Sample	Total/NA	Water	3010A	
192-9267-B-1-A MS	Matrix Spike	Total/NA	Water	3010A	
192-9267-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Analysis Batch: 13292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	6020B	13232
192-9129-1	MW-2A	Total/NA	Water	6020B	13232
192-9129-2	MW-4A	Total/NA	Water	6020B	13232
192-9129-2	MW-4A	Total/NA	Water	6020B	13232
192-9129-3	MW-6B	Total/NA	Water	6020B	13232
192-9129-4	MW-7A	Total/NA	Water	6020B	13232
MB 192-13232/1-A	Method Blank	Total/NA	Water	6020B	13232
LCS 192-13232/2-A	Lab Control Sample	Total/NA	Water	6020B	13232
192-9267-B-1-A MS	Matrix Spike	Total/NA	Water	6020B	13232
192-9267-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	13232

Analysis Batch: 13296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-2	MW-4A	Total/NA	Water	6020B	13232
192-9129-3	MW-6B	Total/NA	Water	6020B	13232
192-9129-4	MW-7A	Total/NA	Water	6020B	13232

General Chemistry

Analysis Batch: 13128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-9129-1	MW-2A	Total/NA	Water	4500 S2 G-2011	
192-9129-2	MW-4A	Total/NA	Water	4500 S2 G-2011	
192-9129-3	MW-6B	Total/NA	Water	4500 S2 G-2011	
192-9129-4	MW-7A	Total/NA	Water	4500 S2 G-2011	
MB 192-13128/1	Method Blank	Total/NA	Water	4500 S2 G-2011	
LCS 192-13128/2	Lab Control Sample	Total/NA	Water	4500 S2 G-2011	
192-9084-C-1 MS	Matrix Spike	Total/NA	Water	4500 S2 G-2011	
192-9084-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	4500 S2 G-2011	

Eurofins Arkansas

Lab Chronicle

Client: Terracon Consultants Inc
 Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-2A
Date Collected: 01/31/24 12:03
Date Received: 01/31/24 14:20

Lab Sample ID: 192-9129-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	143870	NA	EET HOU	02/05/24 23:19
Total/NA	Prep	3510C			143969	DR	EET HOU	02/06/24 07:52
Total/NA	Analysis	8270E		1	144311	PXS	EET HOU	02/07/24 21:03
Total/NA	Prep	3511			143804	BH	EET HOU	02/05/24 11:07
Total/NA	Analysis	8081B		1	144044	WP	EET HOU	02/06/24 22:17
Total/NA	Prep	3510C			13071	SS	EET ARK	02/02/24 09:02
Total/NA	Analysis	8082A		1	13194	SS	EET ARK	02/06/24 11:50
Total/NA	Prep	3511			143971	TH	EET HOU	02/06/24 08:12
Total/NA	Analysis	8151A		1	144183	WP	EET HOU	02/08/24 02:56
Total/NA	Prep	3010A			13029	JO5	EET ARK	02/01/24 12:10
Total/NA	Analysis	6010D		1	13053	JNR	EET ARK	02/01/24 15:26
Total/NA	Prep	3010A			13232	EQ5	EET ARK	02/06/24 15:36
Total/NA	Analysis	6020B		1	13292	EQ5	EET ARK	02/07/24 13:28
Total/NA	Prep	3010A			13232	EQ5	EET ARK	02/06/24 15:36
Total/NA	Analysis	6020B		5	13292	EQ5	EET ARK	02/07/24 13:51
Total/NA	Prep	7470A			13185	JO5	EET ARK	02/06/24 08:43
Total/NA	Analysis	7470A		1	13224	JO5	EET ARK	02/06/24 14:15
Total/NA	Analysis	4500 S2 G-2011		1	13128	JAM	EET ARK	02/05/24 09:31

Client Sample ID: MW-4A
Date Collected: 01/30/24 14:06
Date Received: 01/31/24 14:20

Lab Sample ID: 192-9129-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	143870	NA	EET HOU	02/05/24 23:39
Total/NA	Prep	3510C			143969	DR	EET HOU	02/06/24 07:52
Total/NA	Analysis	8270E		1	144311	PXS	EET HOU	02/07/24 21:23
Total/NA	Prep	3511			143804	BH	EET HOU	02/05/24 11:07
Total/NA	Analysis	8081B		1	144044	WP	EET HOU	02/06/24 22:28
Total/NA	Prep	3510C			13071	SS	EET ARK	02/02/24 09:02
Total/NA	Analysis	8082A		1	13194	SS	EET ARK	02/06/24 12:11
Total/NA	Prep	3511			143972	TH	EET HOU	02/06/24 08:14
Total/NA	Analysis	8151A		1	144183	WP	EET HOU	02/07/24 13:55
Total/NA	Prep	3010A			13029	JO5	EET ARK	02/01/24 12:10
Total/NA	Analysis	6010D		1	13053	JNR	EET ARK	02/01/24 15:29
Total/NA	Prep	3010A			13232	EQ5	EET ARK	02/06/24 15:36
Total/NA	Analysis	6020B		1	13292	EQ5	EET ARK	02/07/24 13:32
Total/NA	Prep	3010A			13232	EQ5	EET ARK	02/06/24 15:36
Total/NA	Analysis	6020B		1	13296	EQ5	EET ARK	02/07/24 13:32
Total/NA	Prep	3010A			13232	EQ5	EET ARK	02/06/24 15:36
Total/NA	Analysis	6020B		5	13292	EQ5	EET ARK	02/07/24 13:55
Total/NA	Prep	7470A			13185	JO5	EET ARK	02/06/24 08:43
Total/NA	Analysis	7470A		1	13224	JO5	EET ARK	02/06/24 14:17
Total/NA	Analysis	4500 S2 G-2011		1	13128	JAM	EET ARK	02/05/24 09:31

Lab Chronicle

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Client Sample ID: MW-6B

Date Collected: 01/30/24 12:06

Date Received: 01/31/24 14:20

Lab Sample ID: 192-9129-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	143870	NA	EET HOU	02/06/24 00:00
Total/NA	Prep	3510C			143969	DR	EET HOU	02/06/24 07:52
Total/NA	Analysis	8270E		1	144311	PXS	EET HOU	02/07/24 21:43
Total/NA	Prep	3511			143804	BH	EET HOU	02/05/24 11:07
Total/NA	Analysis	8081B		1	144044	WP	EET HOU	02/06/24 22:39
Total/NA	Prep	3510C			13071	SS	EET ARK	02/02/24 09:02
Total/NA	Analysis	8082A		1	13194	SS	EET ARK	02/06/24 12:32
Total/NA	Prep	3511			143972	TH	EET HOU	02/06/24 08:14
Total/NA	Analysis	8151A		1	144183	WP	EET HOU	02/07/24 14:22
Total/NA	Prep	3010A			13029	JO5	EET ARK	02/01/24 12:10
Total/NA	Analysis	6010D		1	13053	JNR	EET ARK	02/01/24 15:32
Total/NA	Prep	3010A			13232	EQ5	EET ARK	02/06/24 15:36
Total/NA	Analysis	6020B		1	13292	EQ5	EET ARK	02/07/24 13:35
Total/NA	Prep	3010A			13232	EQ5	EET ARK	02/06/24 15:36
Total/NA	Analysis	6020B		1	13296	EQ5	EET ARK	02/07/24 13:35
Total/NA	Prep	7470A			13185	JO5	EET ARK	02/06/24 08:43
Total/NA	Analysis	7470A		1	13224	JO5	EET ARK	02/06/24 14:18
Total/NA	Analysis	4500 S2 G-2011		1	13128	JAM	EET ARK	02/05/24 09:31

Client Sample ID: MW-7A

Date Collected: 01/31/24 09:45

Date Received: 01/31/24 14:20

Lab Sample ID: 192-9129-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	143870	NA	EET HOU	02/06/24 00:20
Total/NA	Prep	3510C			143969	DR	EET HOU	02/06/24 07:52
Total/NA	Analysis	8270E		1	144311	PXS	EET HOU	02/07/24 22:03
Total/NA	Prep	3511			143804	BH	EET HOU	02/05/24 11:07
Total/NA	Analysis	8081B		1	144044	WP	EET HOU	02/06/24 22:50
Total/NA	Prep	3510C			13071	SS	EET ARK	02/02/24 09:02
Total/NA	Analysis	8082A		1	13194	SS	EET ARK	02/06/24 12:53
Total/NA	Prep	3511			143971	TH	EET HOU	02/06/24 08:12
Total/NA	Analysis	8151A		1	144183	WP	EET HOU	02/08/24 03:21
Total/NA	Prep	3010A			13029	JO5	EET ARK	02/01/24 12:10
Total/NA	Analysis	6010D		1	13053	JNR	EET ARK	02/01/24 15:35
Total/NA	Prep	3010A			13232	EQ5	EET ARK	02/06/24 15:36
Total/NA	Analysis	6020B		1	13292	EQ5	EET ARK	02/07/24 13:39
Total/NA	Prep	3010A			13232	EQ5	EET ARK	02/06/24 15:36
Total/NA	Analysis	6020B		1	13296	EQ5	EET ARK	02/07/24 13:39
Total/NA	Prep	7470A			13185	JO5	EET ARK	02/06/24 08:43
Total/NA	Analysis	7470A		1	13224	JO5	EET ARK	02/06/24 14:20
Total/NA	Analysis	4500 S2 G-2011		1	13128	JAM	EET ARK	02/05/24 09:58

Lab Chronicle

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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Accreditation/Certification Summary

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Laboratory: Eurofins Arkansas

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	60-0889	03-01-24

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-03-24
Florida	NELAP	E871002	06-30-24
Louisiana (All)	NELAP	03054	06-30-24
Oklahoma	NELAP	1306	08-31-24
Oklahoma	State	2023-139	08-31-24
Texas	NELAP	T104704215	06-30-24
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET HOU
8081B	Organochlorine Pesticides (GC)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET ARK
8151A	Herbicides (GC)	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET ARK
6020B	Metals (ICP/MS)	SW846	EET ARK
7470A	Mercury (CVAA)	SW846	EET ARK
4500 S2 G-2011	Sulfide, Total	SM	EET ARK
3010A	Preparation, Total Metals	SW846	EET ARK
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET ARK
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET ARK

Protocol References:

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.

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consultants Inc
Project/Site: City of Little Rock L.F.

Job ID: 192-9129-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
192-9129-1	MW-2A	Water	01/31/24 12:03	01/31/24 14:20
192-9129-2	MW-4A	Water	01/30/24 14:06	01/31/24 14:20
192-9129-3	MW-6B	Water	01/30/24 12:06	01/31/24 14:20
192-9129-4	MW-7A	Water	01/31/24 09:45	01/31/24 14:20

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Login Sample Receipt Checklist

Client: Terracon Consultants Inc

Job Number: 192-9129-1

Login Number: 9129

List Source: Eurofins Arkansas

List Number: 1

Creator: Vang, Matthew

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.	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	
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: Terracon Consultants Inc

Job Number: 192-9129-1

Login Number: 9129

List Number: 2

Creator: Grandits, Corey

List Source: Eurofins Houston

List Creation: 02/03/24 10:32 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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	