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# Analysis Report

**Sample Description:** **WWW-FRB-CDA007-122717 Grab Water**
**Wolverine World Wide**

**Project Name:** **Wolverine World Wide Tannery**

Submittal Date/Time: 12/29/2017 10:00
Collection Date/Time: 12/27/2017 15:56
SDG#: WWW02-21FB

**Tetra Tech, Inc.**
**ELLE Sample #:** **WW 9388950**
**ELLE Group #:** **1891721**
**Matrix: Water**

| CAT No. | Analysis Name | CAS Number | Result | Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **Misc. Organics** | **EPA 537 Version 1.1** | | ng/l | ng/l | |
| 14070 | NEtFOSAA | 2991-50-6 | N.D. | 2 | 1 |
| | NEtFOSAA is the acronym for N-ethyl perfluorooctanesulfonamidoacetic Acid. | | | | |
| 14070 | NMeFOSAA | 2355-31-9 | N.D. | 2 | 1 |
| | NMeFOSAA is the acronym for N-methyl perfluorooctanesulfonamidoacetic Acid. | | | | |
| 14070 | Perfluorobutanesulfonate | 375-73-5 | N.D. | 2 | 1 |
| 14070 | Perfluorodecanoic acid | 335-76-2 | N.D. | 2 | 1 |
| 14070 | Perfluorododecanoic acid | 307-55-1 | N.D. | 2 | 1 |
| 14070 | Perfluoroheptanoic acid | 375-85-9 | N.D. | 2 | 1 |
| 14070 | Perfluorohexanesulfonate | 355-46-4 | N.D. | 2 | 1 |
| 14070 | Perfluorohexanoic acid | 307-24-4 | N.D. | 2 | 1 |
| 14070 | Perfluorononanoic acid | 375-95-1 | N.D. | 2 | 1 |
| 14070 | Perfluoro-octanesulfonate | 1763-23-1 | N.D. | 2 | 1 |
| 14070 | Perfluorooctanoic acid | 335-67-1 | N.D. | 2 | 1 |
| 14070 | Perfluorotetradecanoic acid | 376-06-7 | N.D. | 3 | 1 |
| 14070 | Perfluorotridecanoic acid | 72629-94-8 | N.D. | 2 | 1 |
| 14070 | Perfluoroundecanoic acid | 2058-94-8 | N.D. | 2 | 1 |

## Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 14070 | Full List PFAS - DW | EPA 537 Version 1.1 | 1 | 18005007 | 01/17/2018 19:57 | Marissa C Drexinger | 1 |
| 14381 | DW PFAS Prep | EPA 537 Version 1.1 | 1 | 18005007 | 01/05/2018 07:35 | Pamela Rothharpt | 1 |

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# Analysis Report

**Sample Description:** **WWW-DW-CDA007-122717 Grab Water**
**Wolverine World Wide**

**Project Name:** **Wolverine World Wide Tannery**

Submittal Date/Time: 12/29/2017 10:00
Collection Date/Time: 12/27/2017 15:58
SDG#: WWW02-22

**Tetra Tech, Inc.**
**ELLE Sample #:** **PW 9388951**
**ELLE Group #:** **1891721**
**Matrix: Water**

| CAT No. | Analysis Name | CAS Number | Result | Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **Misc. Organics** | **EPA 537 Version 1.1** | | ng/l | ng/l | |
| 14070 | NEtFOSAA | 2991-50-6 | N.D. | 2 | 1 |
| | NEtFOSAA is the acronym for N-ethyl perfluorooctanesulfonamidoacetic Acid. | | | | |
| 14070 | NMeFOSAA | 2355-31-9 | N.D. | 2 | 1 |
| | NMeFOSAA is the acronym for N-methyl perfluorooctanesulfonamidoacetic Acid. | | | | |
| 14070 | Perfluorobutanesulfonate | 375-73-5 | N.D. | 2 | 1 |
| 14070 | Perfluorodecanoic acid | 335-76-2 | N.D. | 2 | 1 |
| 14070 | Perfluorododecanoic acid | 307-55-1 | N.D. | 2 | 1 |
| 14070 | Perfluoroheptanoic acid | 375-85-9 | N.D. | 2 | 1 |
| 14070 | Perfluorohexanesulfonate | 355-46-4 | N.D. | 2 | 1 |
| 14070 | Perfluorohexanoic acid | 307-24-4 | N.D. | 2 | 1 |
| 14070 | Perfluorononanoic acid | 375-95-1 | N.D. | 2 | 1 |
| 14070 | Perfluoro-octanesulfonate | 1763-23-1 | N.D. | 2 | 1 |
| 14070 | Perfluorooctanoic acid | 335-67-1 | N.D. | 2 | 1 |
| 14070 | Perfluorotetradecanoic acid | 376-06-7 | N.D. | 3 | 1 |
| 14070 | Perfluorotridecanoic acid | 72629-94-8 | N.D. | 2 | 1 |
| 14070 | Perfluoroundecanoic acid | 2058-94-8 | N.D. | 2 | 1 |

## Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 14070 | Full List PFAS - DW | EPA 537 Version 1.1 | 1 | 18010009 | 01/15/2018 23:54 | Marissa C Drexinger | 1 |
| 14381 | DW PFAS Prep | EPA 537 Version 1.1 | 2 | 18010009 | 01/10/2018 15:10 | Danielle D McCully | 1 |

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# Analysis Report

**Sample Description:** **WWW-PF-CDA007-122717 Grab Water**
**Wolverine World Wide**

**Project Name:** **Wolverine World Wide Tannery**

Submittal Date/Time: 12/29/2017 10:00
Collection Date/Time: 12/27/2017 16:02
SDG#: WWW01-25

**Tetra Tech, Inc.**
**ELLE Sample #: PW 9388843**
**ELLE Group #: 1891712**
**Matrix: Water**

| CAT No. | Analysis Name | CAS Number | Result | Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **Misc. Organics** | **EPA 537 Version 1.1** | | ng/l | ng/l | |
| 14070 | NEtFOSAA | 2991-50-6 | N.D. | 20 | 10 |
| | NEtFOSAA is the acronym for N-ethyl perfluorooctanesulfonamidoacetic Acid. | | | | |
| 14070 | NMeFOSAA | 2355-31-9 | N.D. | 20 | 10 |
| | NMeFOSAA is the acronym for N-methyl perfluorooctanesulfonamidoacetic Acid. | | | | |
| 14070 | Perfluorobutanesulfonate | 375-73-5 | 45 J | 20 | 10 |
| 14070 | Perfluorodecanoic acid | 335-76-2 | N.D. | 20 | 10 |
| 14070 | Perfluorododecanoic acid | 307-55-1 | N.D. | 20 | 10 |
| 14070 | Perfluoroheptanoic acid | 375-85-9 | 92 | 20 | 10 |
| 14070 | Perfluorohexanesulfonate | 355-46-4 | 320 | 20 | 10 |
| 14070 | Perfluorohexanoic acid | 307-24-4 | 47 | 20 | 10 |
| 14070 | Perfluorononanoic acid | 375-95-1 | N.D. | 20 | 10 |
| 14070 | Perfluoro-octanesulfonate | 1763-23-1 | 4,100 | 200 | 100 |
| 14070 | Perfluorooctanoic acid | 335-67-1 | 1,200 | 200 | 100 |
| 14070 | Perfluorotetradecanoic acid | 376-06-7 | N.D. | 30 | 10 |
| 14070 | Perfluorotridecanoic acid | 72629-94-8 | N.D. | 20 | 10 |
| 14070 | Perfluoroundecanoic acid | 2058-94-8 | N.D. | 20 | 10 |

Reporting limits were raised due to interference from the sample matrix.

## Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 14070 | Full List PFAS - DW | EPA 537 Version 1.1 | 1 | 18010003 | 01/12/2018 22:29 | Marissa C Drexinger | 10 |
| 14070 | Full List PFAS - DW | EPA 537 Version 1.1 | 1 | 18010003 | 01/12/2018 22:40 | Marissa C Drexinger | 100 |
| 14070 | Full List PFAS - DW | EPA 537 Version 1.1 | 1 | 18010003 | 01/15/2018 18:43 | Marissa C Drexinger | 10 |
| 14070 | Full List PFAS - DW | EPA 537 Version 1.1 | 1 | 18010003 | 01/17/2018 00:12 | Marissa C Drexinger | 100 |
| 14381 | DW PFAS Prep | EPA 537 Version 1.1 | 2 | 18010003 | 01/10/2018 09:00 | Pamela Rothharpt | 1 |

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# Analysis Report

**Sample Description:** **WWW-PF-CDA007-122717-D Grab Water**
**Wolverine World Wide**

**Project Name:** **Wolverine World Wide Tannery**

**Tetra Tech, Inc.**
**ELLE Sample #:** **PW 9388844**
**ELLE Group #:** **1891712**
**Matrix: Water**

Submittal Date/Time: 12/29/2017 10:00
Collection Date/Time: 12/27/2017 16:02
SDG#: WWW01-26FD

| CAT No. | Analysis Name | CAS Number | Result | Method Detection Limit | Dilution Factor |
|---|---|---|---|---|---|
| **Misc. Organics** | **EPA 537 Version 1.1** | | ng/l | ng/l | |
| 14070 | NEtFOSAA | 2991-50-6 | N.D. | 20 | 10 |
| | NEtFOSAA is the acronym for N-ethyl perfluorooctanesulfonamidoacetic Acid. | | | | |
| 14070 | NMeFOSAA | 2355-31-9 | N.D. | 20 | 10 |
| | NMeFOSAA is the acronym for N-methyl perfluorooctanesulfonamidoacetic Acid. | | | | |
| 14070 | Perfluorobutanesulfonate | 375-73-5 | 41 J | 20 | 10 |
| 14070 | Perfluorodecanoic acid | 335-76-2 | N.D. | 20 | 10 |
| 14070 | Perfluorododecanoic acid | 307-55-1 | N.D. | 20 | 10 |
| 14070 | Perfluoroheptanoic acid | 375-85-9 | 97 | 20 | 10 |
| 14070 | Perfluorohexanesulfonate | 355-46-4 | 330 | 20 | 10 |
| 14070 | Perfluorohexanoic acid | 307-24-4 | 48 J | 20 | 10 |
| 14070 | Perfluorononanoic acid | 375-95-1 | N.D. | 20 | 10 |
| 14070 | Perfluoro-octanesulfonate | 1763-23-1 | 4,300 | 200 | 100 |
| 14070 | Perfluorooctanoic acid | 335-67-1 | 1,300 | 200 | 100 |
| 14070 | Perfluorotetradecanoic acid | 376-06-7 | N.D. | 30 | 10 |
| 14070 | Perfluorotridecanoic acid | 72629-94-8 | N.D. | 20 | 10 |
| 14070 | Perfluoroundecanoic acid | 2058-94-8 | N.D. | 20 | 10 |

Reporting limits were raised due to interference from the sample matrix.

## Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---|---|---|---|---|---|---|---|
| 14070 | Full List PFAS - DW | EPA 537 Version 1.1 | 1 | 18010009 | 01/12/2018 22:52 | Marissa C Drexinger | 10 |
| 14070 | Full List PFAS - DW | EPA 537 Version 1.1 | 1 | 18010009 | 01/12/2018 23:04 | Marissa C Drexinger | 100 |
| 14070 | Full List PFAS - DW | EPA 537 Version 1.1 | 1 | 18010009 | 01/17/2018 00:24 | Marissa C Drexinger | 10 |
| 14070 | Full List PFAS - DW | EPA 537 Version 1.1 | 1 | 18010009 | 01/17/2018 00:35 | Marissa C Drexinger | 100 |
| 14381 | DW PFAS Prep | EPA 537 Version 1.1 | 2 | 18010009 | 01/10/2018 15:10 | Danielle D McCully | 1 |

# Environmental Analysis Request/Chain of Custody

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Lancaster Laboratories Environmental

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Acct. # 10459 Group # 1891721 Sample # 9388930-51

**COC #** 540833

## Client Information

| | |
|---|---|
| Client: MSG/Tetra Tech | Acct. #: ~~217~~ 08 |
| Project Name/#: Wolverine World Wide | PWSID #: |
| Project Manager: Brent Ritchie | P.O. #: 217808 |
| Sampler: BLR / C. Renner | Quote #: |
| State where samples were collected: MI | For Compliance: Yes ☐ No ☒ |

Matrix: Soil ☐ Sediment ☐ Tissue ☐ Water: Potable ☒ Ground ☐ Surface ☐ NPDES ☐ Other: ____

Analysis Requested — Preservation Codes: O

| Sample Identification | Collected Date | Collected Time | Grab | Composite | Soil | Sediment | Tissue | Potable | Ground | Surface | NPDES | Other | Total # of Containers | PFAS | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WWW-FRB-CDA007-122717 | 122717 | 1556 | X | | | | | X | | | | | 1 | X | |
| WWW-DW-CDA007-122717 | 122717 | 1558 | X | | | | | X | | | | | 2 | X | |

For Lab Use Only
FSC:
SCR#:

**Preservation Codes**
H=HCl T=Thiosulfate
N=$HNO_3$ B=NaOH
S=$H_2SO_4$ O=Other

**Remarks**

**Turnaround Time (TAT) Requested** (please circle)
Standard Rush
(Rush TAT is subject to laboratory approval and surcharge.)

Date results are needed: 5-Day

E-mail address: Britchie@MannikSmithgroup.com

**Data Package Options** (circle if required)
Type I (EPA Level 3 Equivalent/non-CLP) Type VI (Raw Data Only)
Level IV
Type III (Reduced non-CLP) NJ DKQP TX TRRP-13
NYSDEC Category A or B MA MCP CT RCP

| Relinquished by | Date | Time | Received by | Date | Time |
|---|---|---|---|---|---|
| [signature] | 12-27-17 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | [signature] | | 1600 |

EDD Required? Yes No
If yes, format:

Site-Specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate sample volume.)

Relinquished by Commercial Carrier:
UPS ____ FedEx X Other ____

Temperature upon receipt 0.4 °C

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The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

7044 0216

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# Sample Administration Receipt Documentation Log

Doc Log ID: 205017

Group Number(s): 1891721

Client: MSG/TETRA TECH

## Delivery and Receipt Information

| | | | |
|---|---|---|---|
| Delivery Method: | Fed Ex | Arrival Timestamp: | 12/29/2017 10:00 |
| Number of Packages: | 4 | Number of Projects: | 1 |
| State/Province of Origin: | MI | | |

## Arrival Condition Summary

| | | | |
|---|---|---|---|
| Shipping Container Sealed: | Yes | Sample IDs on COC match Containers: | Yes |
| Custody Seal Present: | Yes | Sample Date/Times match COC: | Yes |
| Custody Seal Intact: | Yes | VOA Vial Headspace ≥ 6mm: | N/A |
| Samples Chilled: | Yes | Total Trip Blank Qty: | 0 |
| Paperwork Enclosed: | Yes | Air Quality Samples Present: | No |
| Samples Intact: | Yes | | |
| Missing Samples: | No | | |
| Extra Samples: | No | | |
| Discrepancy in Container Qty on COC: | No | | |

*Unpacked by Wendy Wakeley (1669) at 11:06 on 12/29/2017*

## Samples Chilled Details

*Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.*

| Cooler # | Thermometer ID | Corrected Temp | Therm. Type | Ice Type | Ice Present? | Ice Container | Elevated Temp? |
|---|---|---|---|---|---|---|---|
| 1 | DT146 | 3.6 | DT | Wet | Y | Bagged | N |
| 2 | DT146 | 1.3 | DT | Wet | Y | Bagged | N |
| 3 | DT146 | 0.4 | DT | Wet | Y | Bagged | N |
| 4 | DT146 | 1.0 | DT | Wet | Y | Bagged | N |



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# Environmental Analysis Request/Chain of Custody

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Acct. # 10459 Group # 1891712 Sample # 9388817-45

**COC #** 540816

## Client Information

| | |
|---|---|
| Client: MSG / Tetra Tech | Acct. #: |
| Project Name/#: Wolverine World Wide | PWSID #: |
| Project Manager: BRENT RITCHIE | P.O. #: 217808 |
| Sampler: BLR / C. Renner | Quote #: |
| State where samples were collected: MI | For Compliance: Yes ☒ No ☐ |

| Sample Identification | Collected Date | Collected Time | Grab | Composite | Soil | Sediment | Tissue | Potable | Ground | Surface | NPDES | Water | Other: | Total # of Containers | PFAS | | | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WWW-PF-CDA007-122717 | 122717 | 1602 | X | | | | | | X | | | | | 2 | X | | | | | | | | | | >400 ppt |
| WWW-PF-CDA007-122717-D | 122717 | 1602 | X | | | | | | X | | | | | 2 | X | | | | | | | | | | 7400 ppt |
| WWW-PF-CDA009-122717 | 122717 | 1823 | X | | | | | | X | | | | | 2 | X | | | | | | | | | | 7400 ppt |

Preservation Codes: O

For Lab Use Only
FSC:
SCR#:

**Preservation Codes**
H=HCl T=Thiosulfate
N=$HNO_3$ B=NaOH
S=$H_2SO_4$ O=Other

**Turnaround Time (TAT) Requested** (please circle)
Standard Rush
(Rush TAT is subject to laboratory approval and surcharge.)

Date results are needed: 5-day

E-mail address: britchie@marriksmithgroup.com

**Data Package Options** (circle if required)
Type I (EPA Level 3 Equivalent/non-CLP) Type VI (Raw Data Only) Level IV
Type III (Reduced non-CLP) NJ DKQP TX TRRP-13
NYSDEC Category A or B MA MCP CT RCP

| Relinquished by | Date | Time | Received by | Date | Time |
|---|---|---|---|---|---|
| [signature] | 12.27.17 | 2000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | [signature] | 12/28/17 | 10w |

EDD Required? Yes No
If yes, format:

Site-Specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate sample volume.)

Relinquished by Commercial Carrier:
UPS ____ FedEx X Other ____

Temperature upon receipt 3.6 °C

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# Sample Administration Receipt Documentation Log

Doc Log ID: 205017

Group Number(s): 1891712

Client: MSG/TETRA TECH

## Delivery and Receipt Information

| | | | |
|---|---|---|---|
| Delivery Method: | Fed Ex | Arrival Timestamp: | 12/29/2017 10:00 |
| Number of Packages: | 4 | Number of Projects: | 1 |
| State/Province of Origin: | MI | | |

## Arrival Condition Summary

| | | | |
|---|---|---|---|
| Shipping Container Sealed: | Yes | Sample IDs on COC match Containers: | Yes |
| Custody Seal Present: | Yes | Sample Date/Times match COC: | Yes |
| Custody Seal Intact: | Yes | VOA Vial Headspace ≥ 6mm: | N/A |
| Samples Chilled: | Yes | Total Trip Blank Qty: | 0 |
| Paperwork Enclosed: | Yes | Air Quality Samples Present: | No |
| Samples Intact: | Yes | | |
| Missing Samples: | No | | |
| Extra Samples: | No | | |
| Discrepancy in Container Qty on COC: | No | | |

*Unpacked by Wendy Wakeley (1669) at 11:06 on 12/29/2017*

## Samples Chilled Details

*Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.*

| Cooler # | Thermometer ID | Corrected Temp | Therm. Type | Ice Type | Ice Present? | Ice Container | Elevated Temp? |
|---|---|---|---|---|---|---|---|
| 1 | DT146 | 3.6 | DT | Wet | Y | Bagged | N |
| 2 | DT146 | 1.3 | DT | Wet | Y | Bagged | N |
| 3 | DT146 | 0.4 | DT | Wet | Y | Bagged | N |
| 4 | DT146 | 1.0 | DT | Wet | Y | Bagged | N |



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# Explanation of Symbols and Abbreviations

*The following defines common symbols and abbreviations used in reporting technical data:*

| | | | |
|---|---|---|---|
| **BMQL** | Below Minimum Quantitation Level | **mg** | milligram(s) |
| **C** | degrees Celsius | **mL** | milliliter(s) |
| **cfu** | colony forming units | **MPN** | Most Probable Number |
| **CP Units** | cobalt-chloroplatinate units | **N.D.** | non-detect |
| **F** | degrees Fahrenheit | **ng** | nanogram(s) |
| **g** | gram(s) | **NTU** | nephelometric turbidity units |
| **IU** | International Units | **pg/L** | picogram/liter |
| **kg** | kilogram(s) | **RL** | Reporting Limit |
| **L** | liter(s) | **TNTC** | Too Numerous To Count |
| **lb.** | pound(s) | **µg** | microgram(s) |
| **m3** | cubic meter(s) | **µL** | microliter(s) |
| **meq** | milliequivalents | **umhos/cm** | micromhos/cm |

| | |
|---|---|
| **<** | less than |
| **>** | greater than |
| **ppm** | parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas. |
| **ppb** | parts per billion |
| **Dry weight basis** | Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis. |

**Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.**

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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# Data Qualifiers

| Qualifier | Definition |
|---|---|
| C | Result confirmed by reanalysis |
| D1 | Indicates for dual column analyses that the result is reported from column 1 |
| D2 | Indicates for dual column analyses that the result is reported from column 2 |
| E | Concentration exceeds the calibration range |
| J (or G, I, X) | Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL) |
| P | Concentration difference between the primary and confirmation column >40%. The lower result is reported. |
| U | Analyte was not detected at the value indicated |
| V | Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference. |
| W | The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L. |
| Z | Laboratory Defined - see analysis report |

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.