

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: VALERO ENERGY

Name:

ClientProj: 1189

GTA ProjNo: 102720-8

Site Addr: TWIN LAKES AREA

3680 MICHIGAN STREET NE

GRAND RAPIDS

Sampled By: BRIAN PURKISS/COMPLIANCE, INC.

Date Rec: 10/27/2020

Time Rec: 12:07 PM

| Sample No. | Sample ID  | Date Sampled | Time Sampled | Sample Matrix |
|------------|------------|--------------|--------------|---------------|
| 1          | MW-3       | 10/26/2020   |              | WATER         |
| 2          | MW-4       | 10/26/2020   |              | WATER         |
| 3          | MW-10      | 10/26/2020   |              | WATER         |
| 4          | MW-16      | 10/26/2020   |              | WATER         |
| 5          | MW-20      | 10/26/2020   |              | WATER         |
| 6          | MW-21      | 10/26/2020   |              | WATER         |
| 7          | PUMP BLANK | 10/26/2020   |              | WATER         |

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

*Kirk Chase*

Kirk L. Chase/Chemist  
Grand Traverse Analytical  
830 Robinwood Court  
Traverse City, MI 49686  
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COMPANY: VALERO ENERGY  
PROJECT NO: 1189  
LOCATION: TWIN LAKES AREA  
3680 MICHIGAN STREET NE  
GRAND RAPIDS  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-3

GTA PROJECT NO: 102720-8  
GTA SAMPLE NO: 1  
DATE SAMPLED: 10/26/2020  
TIME SAMPLED:  
DATE RECEIVED: 10/27/2020  
TIME RECEIVED: 12:07 PM  
SAMPLED BY: BRIAN PURKISS/COMPLIANCE,

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene                | 4.5                  | 1.0        | ug/L (PPB)   | MR             |                           | 10/28/2020               | EPA 5030B          |
| Toluene                | ND                   | 1.0        |              |                |                           |                          |                    |
| Ethylbenzene           | ND                   | 1.0        |              |                |                           |                          |                    |
| Xylene(Total)          | 34                   | 3.0        |              |                |                           |                          |                    |
| 1,2,4-Trimethylbenzene | 55                   | 1.0        |              |                |                           |                          |                    |
| 1,3,5-Trimethylbenzene | ND                   | 1.0        |              |                |                           |                          |                    |
| Naphthalene            | ND                   | 5.0        |              |                |                           |                          |                    |
| 2-Methylnaphthalene    | ND                   | 5.0        |              |                |                           |                          |                    |

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION

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COMPANY: VALERO ENERGY  
PROJECT NO: 1189  
LOCATION: TWIN LAKES AREA  
3680 MICHIGAN STREET NE  
GRAND RAPIDS  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-4

GTA PROJECT NO: 102720-8  
GTA SAMPLE NO: 2  
DATE SAMPLED: 10/26/2020  
TIME SAMPLED:  
DATE RECEIVED: 10/27/2020  
TIME RECEIVED: 12:07 PM  
SAMPLED BY: BRIAN PURKISS/COMPLIANCE,

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene                | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 10/28/2020               | EPA 5030B          |
| Toluene                | ND                   | 1.0        |              |                |                           |                          |                    |
| Ethylbenzene           | ND                   | 1.0        |              |                |                           |                          |                    |
| Xylene(Total)          | 620                  | 21         |              |                |                           |                          |                    |
| 1,2,4-Trimethylbenzene | 500                  | 10         |              |                |                           |                          |                    |
| 1,3,5-Trimethylbenzene | 89                   | 10         |              |                |                           |                          |                    |
| Naphthalene            | 77                   | 5.0        |              |                |                           |                          |                    |
| 2-Methylnaphthalene    | 47                   | 5.0        |              |                |                           |                          |                    |

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COMPANY: VALERO ENERGY  
PROJECT NO: 1189  
LOCATION: TWIN LAKES AREA  
3680 MICHIGAN STREET NE  
GRAND RAPIDS  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-10

GTA PROJECT NO: 102720-8  
GTA SAMPLE NO: 3  
DATE SAMPLED: 10/26/2020  
TIME SAMPLED:  
DATE RECEIVED: 10/27/2020  
TIME RECEIVED: 12:07 PM  
SAMPLED BY: BRIAN PURKISS/COMPLIANCE,

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene                | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 10/28/2020               | EPA 5030B          |
| Toluene                | ND                   | 1.0        |              |                |                           |                          |                    |
| Ethylbenzene           | ND                   | 1.0        |              |                |                           |                          |                    |
| Xylene(Total)          | ND                   | 3.0        |              |                |                           |                          |                    |
| 1,2,4-Trimethylbenzene | ND                   | 1.0        |              |                |                           |                          |                    |
| 1,3,5-Trimethylbenzene | ND                   | 1.0        |              |                |                           |                          |                    |
| Naphthalene            | ND                   | 5.0        |              |                |                           |                          |                    |
| 2-Methylnaphthalene    | ND                   | 5.0        |              |                |                           |                          |                    |

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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COMPANY: VALERO ENERGY  
PROJECT NO: 1189  
LOCATION: TWIN LAKES AREA  
3680 MICHIGAN STREET NE  
GRAND RAPIDS  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-16

GTA PROJECT NO: 102720-8  
GTA SAMPLE NO: 4  
DATE SAMPLED: 10/26/2020  
TIME SAMPLED:  
DATE RECEIVED: 10/27/2020  
TIME RECEIVED: 12:07 PM  
SAMPLED BY: BRIAN PURKISS/COMPLIANCE,

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene                | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 10/28/2020               | EPA 5030B          |
| Toluene                | ND                   | 1.0        |              |                |                           |                          |                    |
| Ethylbenzene           | ND                   | 1.0        |              |                |                           |                          |                    |
| Xylene(Total)          | ND                   | 3.0        |              |                |                           |                          |                    |
| 1,2,4-Trimethylbenzene | ND                   | 1.0        |              |                |                           |                          |                    |
| 1,3,5-Trimethylbenzene | ND                   | 1.0        |              |                |                           |                          |                    |
| Naphthalene            | ND                   | 5.0        |              |                |                           |                          |                    |
| 2-Methylnaphthalene    | ND                   | 5.0        |              |                |                           |                          |                    |

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION

COMPANY: VALERO ENERGY  
PROJECT NO: 1189  
LOCATION: TWIN LAKES AREA  
3680 MICHIGAN STREET NE  
GRAND RAPIDS  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-20

GTA PROJECT NO: 102720-8  
GTA SAMPLE NO: 5  
DATE SAMPLED: 10/26/2020  
TIME SAMPLED:  
DATE RECEIVED: 10/27/2020  
TIME RECEIVED: 12:07 PM  
SAMPLED BY: BRIAN PURKISS/COMPLIANCE,

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene                | ND                   | 1.0        | ug/L (PPB)   | MR             |                                 | 10/28/2020                     | EPA 5030B          |
| Toluene                | ND                   | 1.0        |              |                |                                 |                                |                    |
| Ethylbenzene           | ND                   | 1.0        |              |                |                                 |                                |                    |
| Xylene(Total)          | ND                   | 3.0        |              |                |                                 |                                |                    |
| 1,2,4-Trimethylbenzene | ND                   | 1.0        |              |                |                                 |                                |                    |
| 1,3,5-Trimethylbenzene | ND                   | 1.0        |              |                |                                 |                                |                    |
| Naphthalene            | ND                   | 5.0        |              |                |                                 |                                |                    |
| 2-Methylnaphthalene    | ND                   | 5.0        |              |                |                                 |                                |                    |

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION

COMPANY: VALERO ENERGY  
PROJECT NO: 1189  
LOCATION: TWIN LAKES AREA  
3680 MICHIGAN STREET NE  
GRAND RAPIDS  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-21

GTA PROJECT NO: 102720-8  
GTA SAMPLE NO: 6  
DATE SAMPLED: 10/26/2020  
TIME SAMPLED:  
DATE RECEIVED: 10/27/2020  
TIME RECEIVED: 12:07 PM  
SAMPLED BY: BRIAN PURKISS/COMPLIANCE,

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene                | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 10/28/2020               | EPA 5030B          |
| Toluene                | ND                   | 1.0        |              |                |                           |                          |                    |
| Ethylbenzene           | ND                   | 1.0        |              |                |                           |                          |                    |
| Xylene(Total)          | ND                   | 3.0        |              |                |                           |                          |                    |
| 1,2,4-Trimethylbenzene | ND                   | 1.0        |              |                |                           |                          |                    |
| 1,3,5-Trimethylbenzene | ND                   | 1.0        |              |                |                           |                          |                    |
| Naphthalene            | ND                   | 5.0        |              |                |                           |                          |                    |
| 2-Methylnaphthalene    | ND                   | 5.0        |              |                |                           |                          |                    |

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LOD = LIMIT OF DETECTION

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COMPANY: VALERO ENERGY  
PROJECT NO: 1189  
LOCATION: TWIN LAKES AREA  
3680 MICHIGAN STREET NE  
GRAND RAPIDS  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: PUMP BLANK

GTA PROJECT NO: 102720-8  
GTA SAMPLE NO: 7  
DATE SAMPLED: 10/26/2020  
TIME SAMPLED:  
DATE RECEIVED: 10/27/2020  
TIME RECEIVED: 12:07 PM  
SAMPLED BY: BRIAN PURKISS/COMPLIANCE,

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene                | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 10/28/2020               | EPA 5030B          |
| Toluene                | ND                   | 1.0        |              |                |                           |                          |                    |
| Ethylbenzene           | ND                   | 1.0        |              |                |                           |                          |                    |
| Xylene(Total)          | ND                   | 3.0        |              |                |                           |                          |                    |
| 1,2,4-Trimethylbenzene | ND                   | 1.0        |              |                |                           |                          |                    |
| 1,3,5-Trimethylbenzene | ND                   | 1.0        |              |                |                           |                          |                    |
| Naphthalene            | ND                   | 5.0        |              |                |                           |                          |                    |
| 2-Methylnaphthalene    | ND                   | 5.0        |              |                |                           |                          |                    |

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ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION

**CHAIN OF CUSTODY**

|                                    |                                                                                        |                                      |
|------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------|
| PROJECT NUMBER<br><b>1189</b>      | SITE NAME/ADDRESS<br><b>TWIN LAKES AREA, 3680 MICHIGAN STREET NE, GRAND RAPIDS, MI</b> | COMPANY/NAME<br><b>VALERO ENERGY</b> |
| SAMPLED BY<br><b>BRIAN PURKISS</b> | COMPANY<br><b>COMPLIANCE, INC.</b>                                                     | GTA PROJECT #<br><b>102720-8</b>     |

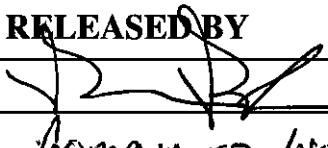
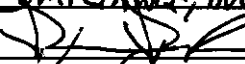
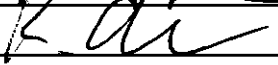
**SAMPLE INFORMATION**

| # | SAMPLE ID  | DATE SAMPLED | TIME | MATRIX | ANALYSIS                     |
|---|------------|--------------|------|--------|------------------------------|
| 1 | MW-3       | 10-26-20     |      | GW     | BTX, 124-TMB, 135-TMB, 2-MN, |
| 2 | MW-4       |              |      |        | NAPH                         |
| 3 | MW-10      |              |      |        | (ALL SAMPLES)                |
| 4 | MW-16      |              |      |        |                              |
| 5 | MW-20      |              |      |        |                              |
| 6 | MW-21      |              |      |        |                              |
| 7 | Pump Blank |              |      | WATER  |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |
|   |            |              |      |        |                              |

BILL TO: **COMPLIANCE, INC.**

REPORT TO:

**Per ZTC on ice Jim Rossi**

|                                                                                                                                                                                      |                                    |                                                                                      |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------|------------------------------------|
| RELEASED BY<br>                                                                                    | DATE/TIME<br><b>10-26-20 19:30</b> | RECEIVED BY<br><b>COMPLIANCE, INC.</b>                                               | DATE/TIME<br><b>10-26-20 19:30</b> |
| <b>COMPLIANCE, INC.</b>                                                                                                                                                              | <b>10-27-20 11:42</b>              |  | <b>10-27-20 11:42</b>              |
|                                                                                                   | <b>10-27-20 12:07</b>              |  | <b>10/27/20 12:07</b>              |
| REQUESTED TAT <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> 1 BUSINESS DAY <input type="checkbox"/> 2 BUSINESS DAYS <input type="checkbox"/> 3 BUSINESS DAYS |                                    |                                                                                      |                                    |