Grand Traverse Analytical, LLC

INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

| | | | |
|---|---|---|---|
| Company: | DELTA OIL CO. | Site Addr: | PAUL #1 SWD |
| Name: | | | |
| ClientProj: | | | |
| | | Sampled By: | MARK LONG/RCS SERVICES |
| GTA ProjNo: | 101519-14 | Date Rec: | 10/15/2019 |
| | | Time Rec: | 10:30 AM |

| Sample No. | Sample ID | Date Sampled | Time Sampled | Sample Matrix |
|---|---|---|---|---|
| 1 | DISPOSAL | 10/4/2019 | | 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 L Chase

Kirk L. Chase/Chemist
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|---|---|---|---|
| COMPANY: | DELTA OIL CO. | GTA PROJECT NO: | 101519-14 |
| | | GTA SAMPLE NO: | 1 |
| PROJECT NO: | | | |
| LOCATION: | PAUL #1 SWD | DATE SAMPLED: | 10/4/2019 |
| | | TIME SAMPLED: | |
| | | DATE RECEIVED: | 10/15/2019 |
| | MI | TIME RECEIVED: | 10:30 AM |
| SAMPLED BY: | MARK LONG/RCS SERVICES | SAMPLE MATRIX: | WATER |

SAMPLE ID: **DISPOSAL**

## METALS

| Analysis | Concentration | LOD | Units | Analyst | Date Completed | Digestion Method |
|---|---|---|---|---|---|---|
| BARIUM DISS EPA 6020A | 20 | 0.050 | mg/L (PPM) | MR/TR | 11/4/2019 | EPA 3005A |
| CALCIUM DISS EPA 6020A | 13 | 10 | mg/L (PPM) | MR/TR | 11/4/2019 | EPA 3005A |
| IRON TOTAL EPA 6020A | 47 | 10 | mg/L (PPM) | MR/TR | 11/4/2019 | EPA 3020A |
| MAGNESIUM DISS EPA 6020A | 320 | 10 | mg/L (PPM) | MR/TR | 11/4/2019 | EPA 3050B |
| POTASSIUM DISS EPA 6020A | 86 | 10 | mg/L (PPM) | MR/TR | 11/4/2019 | EPA 3050B |
| SODIUM DISS EPA 6020A | 27,000 | 100 | mg/L (PPM) | MR/TR | 11/4/2019 | EPA 3050B |

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

DISS = DISSOLVED

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| COMPANY: | DELTA OIL CO. | GTA PROJECT NO: | 101519-14 |
| | | GTA SAMPLE NO: | 1 |
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| | | DATE RECEIVED: | 10/15/2019 |
| LOCATION: | PAUL #1 SWD | TIME RECEIVED: | 10:30 AM |
| | | DATE SAMPLED: | 10/4/2019 |
| | MI | TIME SAMPLED: | |
| SAMPLED BY: | MARK LONG/RCS SERVICES | SAMPLE MATRIX: | WATER |
| SAMPLE ID: | **DISPOSAL** | | |

## SAMPLE RESULTS

| Analysis | Concentration | LOD | Units | Analyst | Date Complete |
|---|---|---|---|---|---|
| ALKALINITY SM 4500CO2D (BICARBONATE) | 910 | 10 | mg/L (PPM) | TR | 10/22/2019 |
| ALKALINITY SM 4500CO2D (CARBONATE) | ND | 10 | mg/L (PPM) | TR | 10/22/2019 |
| CHLORIDE EPA 300.0 | 29,000 | 2,000 | mg/L (PPM) | LV | 10/24/2019 |
| CONDUCTIVITY SM2510-B | 64,000 | 5.0 | uS/cm@25C | LV | 10/24/2019 |
| pH EPA 150.1 - LAB | 8.0 | 0.10 | mg/L (PPM) | TR | 10/22/2019 |
| RESISTIVITY SM 2510A | 16 | - | ohms x cm | LV | 10/24/2019 |
| SPECIFIC GRAVITY SM 2710F | 1.015 | - | - | LV | 10/25/2019 |
| SULFATE EPA 300.0 | ND | 50 | mg/L (PPM) | LV | 10/22/2019 |
| SULFIDE SM 4500S D | ND | 1.0 | mg/L (PPM) | KC | 10/16/2019 |
| TOTAL DISSOLVED SOLIDS EPA 160.1 | 34,000 | 5.0 | mg/L (PPM) | TR | 10/25/2019 |

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED

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# CHAIN OF CUSTODY

| PROJECT NUMBER | SITE NAME/ADDRESS | COMPANY/NAME |
|---|---|---|
| | Paul #1 SWD | Delta Oil Company |
| **SAMPLED BY** | **COMPANY** | **GTA PROJECT #** |
| Mark Long | RCS Services | 101519-14 |

## SAMPLE INFORMATION

| # | SAMPLE ID | DATE SAMPLED | TIME | MATRIX | ANALYSIS |
|---|---|---|---|---|---|
| | Disposal | 10/4/19 | PM | Wtr | EPA Annual UIC |
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**BILL TO:** Darcy Consulting

**REPORT TO:** Darcy Consulting

| RELEASED BY | DATE/TIME | RECEIVED BY | DATE/TIME |
|---|---|---|---|
| [signature] | 10/15/19 10:30 am | K. [signature] | 10/15/19 10:30 |
| | | | |
| | | | |

**REQUESTED TAT** ☒ **STANDARD** ☐ **1 BUSINESS DAY** ☐ **2 BUSINESS DAYS** ☐ **3 BUSINESS DAYS**