



29-Jul-2016

Mike Gardner
Terra Energy Partners, LLC
1058 Country Rd 215
Parachute, CO 81635

Re: **RG4 23-6 Tank Facility**

Work Order: **16071288**

Dear Mike,

ALS Environmental received 1 sample on 22-Jul-2016 09:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 23.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Whelton".

Electronically approved by: Chad Whelton

Chad Whelton
Project Manager



Certificate No: MN 998501

Report of Laboratory Analysis

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

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Environmental 

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RIGHT SOLUTIONS RIGHT PARTNER

Client: Terra Energy Partners, LLC
Project: RG4 23-6 Tank Facility
Work Order: 16071288

Work Order Sample Summary

| <u>Lab Samp ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Tag Number</u> | <u>Collection Date</u> | <u>Date Received</u> | <u>Hold</u> |
|--------------------|-------------------------|---------------|-------------------|------------------------|----------------------|--------------------------|
| 16071288-01 | RG4 23-6 Tank Facility | Soil | | 7/21/2016 13:00 | 7/22/2016 09:30 | <input type="checkbox"/> |

Client: Terra Energy Partners, LLC**Project:** RG4 23-6 Tank Facility**Work Order:** 16071288**Case Narrative**

Batch 89142, Method ICP_6010_S, Sample 16071288-01A: The reporting limits for Cadmium and Selenium are elevated due to internal standard failure in the undiluted run.

Batch 89164, Method DRO_8015_S, Sample 16071288-01A MS/MSD: The MS and MSD recovery was above the upper control limit for DRO. The corresponding result in the parent sample may be biased high.

| <u>Qualifier</u> | <u>Description</u> |
|-------------------------|---|
| * | Value exceeds Regulatory Limit |
| a | Not accredited |
| B | Analyte detected in the associated Method Blank above the Reporting Limit |
| E | Value above quantitation range |
| H | Analyzed outside of Holding Time |
| J | Analyte is present at an estimated concentration between the MDL and Report Limit |
| n | Not offered for accreditation |
| ND | Not Detected at the Reporting Limit |
| O | Sample amount is > 4 times amount spiked |
| P | Dual Column results percent difference > 40% |
| R | RPD above laboratory control limit |
| S | Spike Recovery outside laboratory control limits |
| U | Analyzed but not detected above the MDL |
| X | Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level. |

| <u>Acronym</u> | <u>Description</u> |
|-----------------------|-------------------------------------|
| DUP | Method Duplicate |
| LCS | Laboratory Control Sample |
| LCSD | Laboratory Control Sample Duplicate |
| LOD | Limit of Detection (see MDL) |
| LOQ | Limit of Quantitation (see PQL) |
| MBLK | Method Blank |
| MDL | Method Detection Limit |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| PQL | Practical Quantitation Limit |
| RPD | Relative Percent Difference |
| TDL | Target Detection Limit |
| TNTC | Too Numerous To Count |
| A | APHA Standard Methods |
| D | ASTM |
| E | EPA |
| SW | SW-846 Update III |

| <u>Units Reported</u> | <u>Description</u> |
|------------------------------|--|
| % of sample | Percent of Sample |
| mg/Kg-dry | Milligrams per Kilogram Dry Weight |
| mg/L | Milligrams per Liter |
| mmhos/cm @25°C | Millimhos-Centimeter at 25 Degrees Celcius |
| none | |
| s.u. | Standard Units |

ALS Group USA, Corp

Date: 29-Jul-16

Client: Terra Energy Partners, LLC
Project: RG4 23-6 Tank Facility
Sample ID: RG4 23-6 Tank Facility
Collection Date: 7/21/2016 01:00 PM

Work Order: 16071288
Lab ID: 16071288-01
Matrix: SOIL

| Analyses | Result | Qual | Report Limit | Units | Dilution Factor | Date Analyzed |
|--|--------------|------|-----------------------|------------------|---------------------------------|---------------------|
| DIESEL RANGE ORGANICS BY GC-FID | | | | | | |
| | | | SW8015M | | Prep: SW3546 / 7/27/16 | Analyst: RM |
| DRO (C10-C28) | 130 | | 10 | mg/Kg-dry | 1 | 7/28/2016 10:34 AM |
| <i>Surr: 4-Terphenyl-d14</i> | 72.4 | | 39-133 | %REC | 1 | 7/28/2016 10:34 AM |
| GASOLINE RANGE ORGANICS BY GC-FID | | | | | | |
| | | | SW8015D | | Prep: SW5035 / 7/25/16 | Analyst: RM |
| GRO (C6-C10) | ND | | 3.6 | mg/Kg-dry | 1 | 7/26/2016 02:36 PM |
| <i>Surr: Toluene-d8</i> | 94.6 | | 50-150 | %REC | 1 | 7/26/2016 02:36 PM |
| MERCURY BY CVAA | | | | | | |
| | | | SW7471B | | Prep: SW7471 / 7/27/16 | Analyst: LR |
| Mercury | 0.026 | | 0.019 | mg/Kg-dry | 1 | 7/28/2016 04:25 AM |
| METALS ANALYSIS BY ICP | | | | | | |
| | | | SW846 6010C | | Prep: SW3050B / 7/26/16 | Analyst: JEC |
| Arsenic | 7.1 | | 2.1 | mg/Kg-dry | 5 | 7/27/2016 01:39 PM |
| Barium | 420 | | 2.1 | mg/Kg-dry | 5 | 7/27/2016 01:39 PM |
| Cadmium | ND | | 4.1 | mg/Kg-dry | 5 | 7/27/2016 01:39 PM |
| Chromium | 39 | | 2.1 | mg/Kg-dry | 5 | 7/27/2016 01:39 PM |
| Copper | 18 | | 0.83 | mg/Kg-dry | 1 | 7/26/2016 05:10 PM |
| Lead | 15 | | 2.1 | mg/Kg-dry | 5 | 7/27/2016 01:39 PM |
| Nickel | 21 | | 0.41 | mg/Kg-dry | 1 | 7/26/2016 05:10 PM |
| Selenium | ND | | 4.1 | mg/Kg-dry | 5 | 7/27/2016 01:39 PM |
| Silver | ND | | 0.41 | mg/Kg-dry | 1 | 7/26/2016 05:10 PM |
| Zinc | 66 | | 4.1 | mg/Kg-dry | 5 | 7/27/2016 01:39 PM |
| SOLUBLE CATIONS FOR SAR | | | | | | |
| | | | SW846 6010C | | Prep: USDA Method 20B / 7/25/16 | Analyst: JEC |
| Calcium | 230 | | 5.0 | mg/L | 10 | 7/25/2016 05:27 PM |
| Magnesium | 35 | | 2.0 | mg/L | 10 | 7/25/2016 05:27 PM |
| Sodium | 1,100 | | 2.0 | mg/L | 10 | 7/25/2016 05:27 PM |
| SODIUM ADSORPTION RATIO | | | | | | |
| | | | USDA H60 METHO | | Prep: USDA Method 20B / 7/25/16 | Analyst: JEC |
| Sodium Adsorption Ratio | 19 | | 0.010 | none | 1 | 7/25/2016 |
| SEMI-VOLATILE ORGANIC COMPOUNDS | | | | | | |
| | | | SW846 8270D | | Prep: SW3546 / 7/27/16 | Analyst: JF |
| Acenaphthene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Anthracene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Benzo(a)anthracene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Benzo(a)pyrene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Benzo(b)fluoranthene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Benzo(k)fluoranthene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Chrysene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Dibenzo(a,h)anthracene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Fluoranthene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 29-Jul-16

Client: Terra Energy Partners, LLC
Project: RG4 23-6 Tank Facility
Sample ID: RG4 23-6 Tank Facility
Collection Date: 7/21/2016 01:00 PM

Work Order: 16071288
Lab ID: 16071288-01
Matrix: SOIL

| Analyses | Result | Qual | Report Limit | Units | Dilution Factor | Date Analyzed |
|--------------------------------------|--------|------|-----------------------|---------------------------------|-----------------|---------------------|
| Fluorene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Indeno(1,2,3-cd)pyrene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Naphthalene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Pyrene | ND | | 0.016 | mg/Kg-dry | 1 | 7/28/2016 05:04 AM |
| Surr: 2-Fluorobiphenyl | 73.7 | | 12-100 | %REC | 1 | 7/28/2016 05:04 AM |
| Surr: 4-Terphenyl-d14 | 88.1 | | 25-137 | %REC | 1 | 7/28/2016 05:04 AM |
| Surr: Nitrobenzene-d5 | 70.2 | | 37-107 | %REC | 1 | 7/28/2016 05:04 AM |
| VOLATILE ORGANIC COMPOUNDS | | | SW8260B | Prep: SW5035 / 7/25/16 | | Analyst: BG |
| Benzene | ND | | 0.043 | mg/Kg-dry | 1 | 7/25/2016 05:36 PM |
| Ethylbenzene | ND | | 0.043 | mg/Kg-dry | 1 | 7/25/2016 05:36 PM |
| m,p-Xylene | ND | | 0.086 | mg/Kg-dry | 1 | 7/25/2016 05:36 PM |
| o-Xylene | ND | | 0.043 | mg/Kg-dry | 1 | 7/25/2016 05:36 PM |
| Toluene | ND | | 0.043 | mg/Kg-dry | 1 | 7/25/2016 05:36 PM |
| Xylenes, Total | ND | | 0.13 | mg/Kg-dry | 1 | 7/25/2016 05:36 PM |
| Surr: 1,2-Dichloroethane-d4 | 102 | | 70-130 | %REC | 1 | 7/25/2016 05:36 PM |
| Surr: 4-Bromofluorobenzene | 95.2 | | 70-130 | %REC | 1 | 7/25/2016 05:36 PM |
| Surr: Dibromofluoromethane | 96.2 | | 70-130 | %REC | 1 | 7/25/2016 05:36 PM |
| Surr: Toluene-d8 | 101 | | 70-130 | %REC | 1 | 7/25/2016 05:36 PM |
| ELECTRICAL CONDUCTIVITY (SAR) | | | USDA H60 METHO | Prep: USDA Method 20B / 7/25/16 | | Analyst: JB |
| Electrical Conductivity @ Saturation | 7.7 | | 0.050 | mmhos/cm @2 | 10 | 7/25/2016 03:00 PM |
| CHROMIUM, TRIVALENT | | | CALCULATION | | | Analyst: MB |
| Chromium, Trivalent | 38 | | 0.61 | mg/Kg-dry | 1 | 7/28/2016 06:00 PM |
| CHROMIUM, HEXAVALENT | | | SW7196A | Prep: SW3060A / 7/27/16 | | Analyst: MB |
| Chromium, Hexavalent | ND | | 1.2 | mg/Kg-dry | 1 | 7/28/2016 03:30 PM |
| MOISTURE | | | SW3550C | | | Analyst: EDL |
| Moisture | 18 | | 0.050 | % of sample | 1 | 7/25/2016 09:20 PM |
| PH | | | SW9045D | Prep: EXTRACT / 7/24/16 | | Analyst: EDL |
| pH | 8.3 | | | s.u. | 1 | 7/24/2016 07:27 PM |

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 29-Jul-16

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89164** Instrument ID **GC8** Method: **SW8015M**

| | | | | | | | | | | |
|-------------|--------|--------------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| MBLK | | Sample ID: DBLKS1-89164-89164 | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 08:30 AM | | |
| Client ID: | | Run ID: GC8_160727A | | | | SeqNo: 3948899 | | Prep Date: 7/27/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

| | | | | | | | | | | |
|------------------------------|-------|-----|---|---|------|--------|---|--|--|--|
| DRO (C10-C28) | ND | 5.0 | 0 | 0 | 0 | | 0 | | | |
| <i>Surr: 4-Terphenyl-d14</i> | 1.673 | 0 | 2 | 0 | 83.6 | 39-133 | 0 | | | |

| | | | | | | | | | | |
|------------|--------|--------------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| LCS | | Sample ID: DLCSS1-89164-89164 | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 09:00 AM | | |
| Client ID: | | Run ID: GC8_160727A | | | | SeqNo: 3948900 | | Prep Date: 7/27/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

| | | | | | | | | | | |
|------------------------------|-------|-----|-----|---|------|--------|---|--|--|--|
| DRO (C10-C28) | 179.5 | 5.0 | 200 | 0 | 89.8 | 61-109 | 0 | | | |
| <i>Surr: 4-Terphenyl-d14</i> | 1.541 | 0 | 2 | 0 | 77.1 | 39-133 | 0 | | | |

| | | | | | | | | | | |
|--|--------|-----------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| MS | | Sample ID: 16071288-01A MS | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 09:30 AM | | |
| Client ID: RG4 23-6 Tank Facility | | Run ID: GC8_160727A | | | | SeqNo: 3948901 | | Prep Date: 7/27/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

| | | | | | | | | | | |
|------------------------------|-------|-----|-------|-------|------|--------|---|--|--|---|
| DRO (C10-C28) | 506.2 | 8.3 | 331.6 | 107.7 | 120 | 48-110 | 0 | | | S |
| <i>Surr: 4-Terphenyl-d14</i> | 2.378 | 0 | 3.316 | 0 | 71.7 | 39-133 | 0 | | | |

| | | | | | | | | | | |
|--|--------|------------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| MSD | | Sample ID: 16071288-01A MSD | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 10:00 AM | | |
| Client ID: RG4 23-6 Tank Facility | | Run ID: GC8_160727A | | | | SeqNo: 3948902 | | Prep Date: 7/27/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

| | | | | | | | | | | |
|------------------------------|-------|-----|-------|-------|------|--------|-------|------|----|---|
| DRO (C10-C28) | 478.6 | 8.2 | 327.3 | 107.7 | 113 | 48-110 | 506.2 | 5.59 | 30 | S |
| <i>Surr: 4-Terphenyl-d14</i> | 2.121 | 0 | 3.273 | 0 | 64.8 | 39-133 | 2.378 | 11.4 | 30 | |

The following samples were analyzed in this batch:

16071288-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89084** Instrument ID **GC9** Method: **SW8015D**

| MBLK | | Sample ID: MBLK-89084-89084 | | | | Units: µg/Kg-dry | | Analysis Date: 7/26/2016 01:26 PM | | |
|-------------|--------|------------------------------------|---------|---------------|------|-------------------------|---------------|--|-----------|--------------|
| Client ID: | | Run ID: GC9_160726A | | | | SeqNo: 3949550 | | Prep Date: 7/25/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

| | | | | | | | | | | |
|------------------|------|-------|------|---|------|--------|---|--|--|--|
| GRO (C6-C10) | ND | 2,500 | | | | | | | | |
| Surr: Toluene-d8 | 4916 | 0 | 5000 | 0 | 98.3 | 50-150 | 0 | | | |

| LCS | | Sample ID: LCS-89084-89084 | | | | Units: µg/Kg-dry | | Analysis Date: 7/26/2016 12:36 PM | | |
|------------|--------|-----------------------------------|---------|---------------|------|-------------------------|---------------|--|-----------|--------------|
| Client ID: | | Run ID: GC9_160726A | | | | SeqNo: 3949549 | | Prep Date: 7/25/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

| | | | | | | | | | | |
|------------------|--------|-------|--------|---|------|--------|---|--|--|--|
| GRO (C6-C10) | 446000 | 2,500 | 500000 | 0 | 89.2 | 70-130 | 0 | | | |
| Surr: Toluene-d8 | 4650 | 0 | 5000 | 0 | 93 | 50-150 | 0 | | | |

| MS | | Sample ID: 16071288-01A MS | | | | Units: µg/Kg-dry | | Analysis Date: 7/26/2016 03:01 PM | | |
|--|--------|-----------------------------------|---------|---------------|------|-------------------------|---------------|--|-----------|--------------|
| Client ID: RG4 23-6 Tank Facility | | Run ID: GC9_160726A | | | | SeqNo: 3949553 | | Prep Date: 7/25/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

| | | | | | | | | | | |
|------------------|--------|-------|--------|---|------|--------|---|--|--|--|
| GRO (C6-C10) | 655700 | 3,600 | 719500 | 0 | 91.1 | 70-130 | 0 | | | |
| Surr: Toluene-d8 | 6576 | 0 | 7195 | 0 | 91.4 | 50-150 | 0 | | | |

| MSD | | Sample ID: 16071288-01A MSD | | | | Units: µg/Kg-dry | | Analysis Date: 7/26/2016 03:26 PM | | |
|--|--------|------------------------------------|---------|---------------|------|-------------------------|---------------|--|-----------|--------------|
| Client ID: RG4 23-6 Tank Facility | | Run ID: GC9_160726A | | | | SeqNo: 3949554 | | Prep Date: 7/25/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

| | | | | | | | | | | |
|------------------|--------|-------|--------|---|------|--------|--------|-------|----|--|
| GRO (C6-C10) | 728600 | 3,600 | 719500 | 0 | 101 | 70-130 | 655700 | 10.5 | 30 | |
| Surr: Toluene-d8 | 6540 | 0 | 7195 | 0 | 90.9 | 50-150 | 6576 | 0.538 | 30 | |

The following samples were analyzed in this batch:

| |
|--------------|
| 16071288-01A |
|--------------|

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89223** Instrument ID **HG1** Method: **SW7471B**

| | | | | | | | | | | |
|-------------|--------|------------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| MBLK | | Sample ID: MBLK-89223-89223 | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 03:17 AM | | |
| Client ID: | | Run ID: HG1_160727A | | | | SeqNo: 3947673 | | Prep Date: 7/27/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Mercury ND 0.020

| | | | | | | | | | | |
|------------|--------|-----------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| LCS | | Sample ID: LCS-89223-89223 | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 03:19 AM | | |
| Client ID: | | Run ID: HG1_160727A | | | | SeqNo: 3947674 | | Prep Date: 7/27/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Mercury 0.1975 0.020 0.1665 0 119 80-120 0

| | | | | | | | | | | |
|------------|--------|----------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| MS | | Sample ID: 16071260-08BMS | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 01:16 PM | | |
| Client ID: | | Run ID: HG1_160728A | | | | SeqNo: 3949166 | | Prep Date: 7/27/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Mercury 0.1105 0.013 0.1072 -0.001254 104 75-125 0

| | | | | | | | | | | |
|------------|--------|-----------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| MSD | | Sample ID: 16071260-08BMSD | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 01:18 PM | | |
| Client ID: | | Run ID: HG1_160728A | | | | SeqNo: 3949167 | | Prep Date: 7/27/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Mercury 0.1069 0.013 0.1057 -0.001254 102 75-125 0.1105 3.35 35

The following samples were analyzed in this batch:

16071288-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89025** Instrument ID **ICP2** Method: **SW846 6010C**

| | | | | | | | | | | |
|------------|--------|-----------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|---------------|
| DUP | | Sample ID: 16071286-01BDUP | | | | Units: mg/L | | Analysis Date: 7/25/2016 02:05 PM | | |
| Client ID: | | Run ID: ICP2_160725B | | | | SeqNo: 3941131 | | Prep Date: 7/25/2016 | | DF: 10 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Calcium | 40.84 | 5.0 | 0 | 0 | 0 | 0-0 | 40.25 | 1.45 | | |
| Magnesium | 3.111 | 2.0 | 0 | 0 | 0 | 0-0 | 2.842 | 9.05 | | |
| Sodium | 1536 | 2.0 | 0 | 0 | 0 | 0-0 | 1507 | 1.9 | | |

| | | | | | | | | | | |
|-------------------------|--------|-----------------------------------|---------|---------------|------|-----------------------|---------------|---------------------------------|-----------|--------------|
| DUP | | Sample ID: 16071286-01BDUP | | | | Units: none | | Analysis Date: 7/25/2016 | | |
| Client ID: | | Run ID: SAR_160725A | | | | SeqNo: 3941152 | | Prep Date: 7/25/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Sodium Adsorption Ratio | 62.38 | 0.010 | 0 | 0 | 0 | | 61.91 | 0.767 | 50 | |

The following samples were analyzed in this batch:

16071288-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89142** Instrument ID **ICP2** Method: **SW846 6010C**

| MBLK | | Sample ID: MBLK-89142-89142 | | | | Units: mg/Kg | | Analysis Date: 7/26/2016 04:42 PM | | |
|-------------|---------|------------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| Client ID: | | Run ID: ICP2_160726A | | | | SeqNo: 3945212 | | Prep Date: 7/26/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Arsenic | ND | 0.25 | | | | | | | | |
| Chromium | 0.01662 | 0.25 | | | | | | | | J |
| Copper | ND | 0.50 | | | | | | | | |
| Lead | ND | 0.25 | | | | | | | | |
| Nickel | ND | 0.25 | | | | | | | | |
| Selenium | ND | 0.50 | | | | | | | | |
| Silver | ND | 0.25 | | | | | | | | |
| Zinc | 0.05792 | 0.50 | | | | | | | | J |

| MBLK | | Sample ID: MBLK-89142-89142 | | | | Units: mg/Kg | | Analysis Date: 7/27/2016 10:46 AM | | |
|-------------|---------|------------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| Client ID: | | Run ID: ICP2_160727A | | | | SeqNo: 3945894 | | Prep Date: 7/26/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Barium | ND | 0.25 | | | | | | | | |
| Cadmium | 0.05909 | 0.50 | | | | | | | | J |

| LCS | | Sample ID: LCS-89142-89142 | | | | Units: mg/Kg | | Analysis Date: 7/26/2016 04:48 PM | | |
|------------|--------|-----------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| Client ID: | | Run ID: ICP2_160726A | | | | SeqNo: 3945213 | | Prep Date: 7/26/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Arsenic | 5.372 | 0.25 | 5 | 0 | 107 | 80-120 | 0 | | | |
| Chromium | 5.615 | 0.25 | 5 | 0 | 112 | 80-120 | 0 | | | |
| Copper | 5.474 | 0.50 | 5 | 0 | 109 | 80-120 | 0 | | | |
| Lead | 5.306 | 0.25 | 5 | 0 | 106 | 80-120 | 0 | | | |
| Nickel | 5.337 | 0.25 | 5 | 0 | 107 | 80-120 | 0 | | | |
| Selenium | 5.023 | 0.50 | 5 | 0 | 100 | 80-120 | 0 | | | |
| Silver | 5.29 | 0.25 | 5 | 0 | 106 | 80-120 | 0 | | | |
| Zinc | 5.42 | 0.50 | 5 | 0 | 108 | 80-120 | 0 | | | |

| LCS | | Sample ID: LCS-89142-89142 | | | | Units: mg/Kg | | Analysis Date: 7/27/2016 10:52 AM | | |
|------------|--------|-----------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| Client ID: | | Run ID: ICP2_160727A | | | | SeqNo: 3945895 | | Prep Date: 7/26/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Barium | 5.34 | 0.25 | 5 | 0 | 107 | 80-120 | 0 | | | |
| Cadmium | 5.377 | 0.50 | 5 | 0 | 108 | 80-120 | 0 | | | |

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89142** Instrument ID **ICP2** Method: **SW846 6010C**

| MS | | | | Sample ID: 16071352-02AMS | | | Units: mg/Kg | | Analysis Date: 7/26/2016 05:26 PM | |
|------------|--------|-----|---------|---------------------------|--------|---------------|----------------|------|-----------------------------------|------|
| Client ID: | | | | Run ID: ICP2_160726A | | | SeqNo: 3945220 | | Prep Date: 7/26/2016 | |
| | | | | | | | DF: 5 | | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Arsenic | 40.48 | 1.9 | 7.418 | 32.61 | 106 | 75-125 | 0 | | | O |
| Chromium | 240 | 1.9 | 7.418 | 238.3 | 23.2 | 75-125 | 0 | | | SO |
| Copper | 14880 | 3.7 | 7.418 | 4091 | 145000 | 75-125 | 0 | | | SO |
| Lead | 3755 | 1.9 | 7.418 | 3125 | 8490 | 75-125 | 0 | | | SO |
| Nickel | 306.5 | 1.9 | 7.418 | 225.8 | 1090 | 75-125 | 0 | | | SO |
| Selenium | 10.91 | 3.7 | 7.418 | 2.947 | 107 | 75-125 | 0 | | | |
| Silver | 16.35 | 1.9 | 7.418 | 4.677 | 157 | 75-125 | 0 | | | S |
| Zinc | 5410 | 3.7 | 7.418 | 5108 | 4070 | 75-125 | 0 | | | SEO |

| MS | | | | Sample ID: 16071352-02AMS | | | Units: mg/Kg | | Analysis Date: 7/27/2016 12:26 PM | |
|------------|--------|-----|---------|---------------------------|------|---------------|----------------|------|-----------------------------------|------|
| Client ID: | | | | Run ID: ICP2_160727A | | | SeqNo: 3946022 | | Prep Date: 7/26/2016 | |
| | | | | | | | DF: 5 | | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Barium | 1391 | 1.9 | 7.418 | 1129 | 3540 | 75-125 | 0 | | | SO |
| Cadmium | 27.29 | 3.7 | 7.418 | 60.87 | -453 | 75-125 | 0 | | | SO |

| MSD | | | | Sample ID: 16071352-02AMSD | | | Units: mg/Kg | | Analysis Date: 7/26/2016 05:32 PM | |
|------------|--------|-----|---------|----------------------------|--------|---------------|----------------|------|-----------------------------------|------|
| Client ID: | | | | Run ID: ICP2_160726A | | | SeqNo: 3945221 | | Prep Date: 7/26/2016 | |
| | | | | | | | DF: 5 | | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Arsenic | 43.27 | 1.8 | 7.375 | 32.61 | 145 | 75-125 | 40.48 | 6.66 | 20 | SO |
| Chromium | 269.9 | 1.8 | 7.375 | 238.3 | 429 | 75-125 | 240 | 11.7 | 20 | SO |
| Copper | 11720 | 3.7 | 7.375 | 4091 | 103000 | 75-125 | 14880 | 23.8 | 20 | SRO |
| Lead | 3063 | 1.8 | 7.375 | 3125 | -842 | 75-125 | 3755 | 20.3 | 20 | SRO |
| Nickel | 297.2 | 1.8 | 7.375 | 225.8 | 968 | 75-125 | 306.5 | 3.07 | 20 | SO |
| Selenium | 9.851 | 3.7 | 7.375 | 2.947 | 93.6 | 75-125 | 10.91 | 10.2 | 20 | |
| Silver | 13.34 | 1.8 | 7.375 | 4.677 | 117 | 75-125 | 16.35 | 20.3 | 20 | R |
| Zinc | 4744 | 3.7 | 7.375 | 5108 | -4940 | 75-125 | 5410 | 13.1 | 20 | SEO |

| MSD | | | | Sample ID: 16071352-02AMSD | | | Units: mg/Kg | | Analysis Date: 7/27/2016 12:32 PM | |
|------------|--------|-----|---------|----------------------------|------|---------------|----------------|------|-----------------------------------|------|
| Client ID: | | | | Run ID: ICP2_160727A | | | SeqNo: 3946023 | | Prep Date: 7/26/2016 | |
| | | | | | | | DF: 5 | | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Barium | 1323 | 1.8 | 7.375 | 1129 | 2630 | 75-125 | 1391 | 5.05 | 20 | SO |
| Cadmium | 38.18 | 3.7 | 7.375 | 60.87 | -308 | 75-125 | 27.29 | 33.3 | 20 | SRO |

The following samples were analyzed in this batch:

16071288-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89163** Instrument ID **SVMS5** Method: **SW846 8270D**

| MBLK | | Sample ID: SBLKS1-89163-89163 | | | | Units: µg/Kg | | Analysis Date: 7/27/2016 03:28 PM | | |
|-------------------------------|--------|--------------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| Client ID: | | Run ID: SVMS5_160727A | | | | SeqNo: 3948504 | | Prep Date: 7/27/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Acenaphthene | ND | 13 | | | | | | | | |
| Anthracene | ND | 13 | | | | | | | | |
| Benzo(a)anthracene | ND | 13 | | | | | | | | |
| Benzo(a)pyrene | ND | 13 | | | | | | | | |
| Benzo(b)fluoranthene | ND | 13 | | | | | | | | |
| Benzo(k)fluoranthene | ND | 13 | | | | | | | | |
| Chrysene | ND | 13 | | | | | | | | |
| Dibenzo(a,h)anthracene | ND | 13 | | | | | | | | |
| Fluoranthene | ND | 13 | | | | | | | | |
| Fluorene | ND | 13 | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ND | 13 | | | | | | | | |
| Naphthalene | ND | 13 | | | | | | | | |
| Pyrene | ND | 13 | | | | | | | | |
| <i>Surr: 2-Fluorobiphenyl</i> | 2493 | 0 | 3333 | 0 | 74.8 | 12-100 | 0 | | | |
| <i>Surr: 4-Terphenyl-d14</i> | 2858 | 0 | 3333 | 0 | 85.7 | 25-137 | 0 | | | |
| <i>Surr: Nitrobenzene-d5</i> | 2431 | 0 | 3333 | 0 | 72.9 | 37-107 | 0 | | | |

| LCS | | Sample ID: SLCSS1-89163-89163 | | | | Units: µg/Kg | | Analysis Date: 7/27/2016 03:53 PM | | |
|-------------------------------|--------|--------------------------------------|---------|---------------|------|-----------------------|---------------|--|-----------|--------------|
| Client ID: | | Run ID: SVMS5_160727A | | | | SeqNo: 3948505 | | Prep Date: 7/27/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Acenaphthene | 1181 | 13 | 1333 | 0 | 88.6 | 45-110 | 0 | | | |
| Anthracene | 1325 | 13 | 1333 | 0 | 99.4 | 55-105 | 0 | | | |
| Benzo(a)anthracene | 1347 | 13 | 1333 | 0 | 101 | 50-110 | 0 | | | |
| Benzo(a)pyrene | 1325 | 13 | 1333 | 0 | 99.3 | 50-110 | 0 | | | |
| Benzo(b)fluoranthene | 1345 | 13 | 1333 | 0 | 101 | 45-115 | 0 | | | |
| Benzo(k)fluoranthene | 1310 | 13 | 1333 | 0 | 98.2 | 45-115 | 0 | | | |
| Chrysene | 1341 | 13 | 1333 | 0 | 101 | 55-110 | 0 | | | |
| Dibenzo(a,h)anthracene | 1377 | 13 | 1333 | 0 | 103 | 40-125 | 0 | | | |
| Fluoranthene | 1346 | 13 | 1333 | 0 | 101 | 55-115 | 0 | | | |
| Fluorene | 1267 | 13 | 1333 | 0 | 95 | 50-110 | 0 | | | |
| Indeno(1,2,3-cd)pyrene | 1273 | 13 | 1333 | 0 | 95.4 | 40-120 | 0 | | | |
| Naphthalene | 1139 | 13 | 1333 | 0 | 85.4 | 40-105 | 0 | | | |
| Pyrene | 1369 | 13 | 1333 | 0 | 103 | 45-125 | 0 | | | |
| <i>Surr: 2-Fluorobiphenyl</i> | 2691 | 0 | 3333 | 0 | 80.7 | 12-100 | 0 | | | |
| <i>Surr: 4-Terphenyl-d14</i> | 2981 | 0 | 3333 | 0 | 89.4 | 25-137 | 0 | | | |
| <i>Surr: Nitrobenzene-d5</i> | 2555 | 0 | 3333 | 0 | 76.7 | 37-107 | 0 | | | |

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89163** Instrument ID **SVMS5** Method: **SW846 8270D**

| MS | | | | Sample ID: 16071260-06B MS | | | Units: µg/Kg | | Analysis Date: 7/27/2016 07:45 PM | |
|------------------------|--------|------------------------------|---------|-----------------------------------|-----------------------|---------------|-----------------------------|------|--|------|
| Client ID: | | Run ID: SVMS5_160727A | | | SeqNo: 3948506 | | Prep Date: 7/27/2016 | | DF: 1 | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Acenaphthene | 1204 | 13 | 1326 | 0 | 90.8 | 45-110 | 0 | | | |
| Anthracene | 1310 | 13 | 1326 | 12.45 | 97.9 | 55-105 | 0 | | | |
| Benzo(a)anthracene | 1324 | 13 | 1326 | 47.17 | 96.3 | 50-110 | 0 | | | |
| Benzo(a)pyrene | 1276 | 13 | 1326 | 63.55 | 91.4 | 50-110 | 0 | | | |
| Benzo(b)fluoranthene | 1298 | 13 | 1326 | 77.96 | 92 | 45-115 | 0 | | | |
| Benzo(k)fluoranthene | 1278 | 13 | 1326 | 41.93 | 93.2 | 45-115 | 0 | | | |
| Chrysene | 1311 | 13 | 1326 | 36.69 | 96.1 | 55-110 | 0 | | | |
| Dibenzo(a,h)anthracene | 1198 | 13 | 1326 | 0 | 90.3 | 40-125 | 0 | | | |
| Fluoranthene | 1450 | 13 | 1326 | 85.82 | 103 | 55-115 | 0 | | | |
| Fluorene | 1331 | 13 | 1326 | 15.72 | 99.2 | 50-110 | 0 | | | |
| Indeno(1,2,3-cd)pyrene | 1162 | 13 | 1326 | 26.86 | 85.6 | 40-120 | 0 | | | |
| Naphthalene | 1095 | 13 | 1326 | 0 | 82.5 | 40-105 | 0 | | | |
| Pyrene | 1359 | 13 | 1326 | 64.2 | 97.6 | 45-125 | 0 | | | |
| Surr: 2-Fluorobiphenyl | 2659 | 0 | 3315 | 0 | 80.2 | 12-100 | 0 | | | |
| Surr: 4-Terphenyl-d14 | 2878 | 0 | 3315 | 0 | 86.8 | 25-137 | 0 | | | |
| Surr: Nitrobenzene-d5 | 2562 | 0 | 3315 | 0 | 77.3 | 37-107 | 0 | | | |

| MSD | | | | Sample ID: 16071260-06B MSD | | | Units: µg/Kg | | Analysis Date: 7/27/2016 08:09 PM | |
|------------------------|--------|------------------------------|---------|------------------------------------|-----------------------|---------------|-----------------------------|-------|--|------|
| Client ID: | | Run ID: SVMS5_160727A | | | SeqNo: 3948507 | | Prep Date: 7/27/2016 | | DF: 1 | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Acenaphthene | 1191 | 13 | 1301 | 0 | 91.5 | 45-110 | 1204 | 1.1 | 30 | |
| Anthracene | 1441 | 13 | 1301 | 12.45 | 110 | 55-105 | 1310 | 9.53 | 30 | S |
| Benzo(a)anthracene | 1469 | 13 | 1301 | 47.17 | 109 | 50-110 | 1324 | 10.4 | 30 | |
| Benzo(a)pyrene | 1364 | 13 | 1301 | 63.55 | 100 | 50-110 | 1276 | 6.68 | 30 | |
| Benzo(b)fluoranthene | 1476 | 13 | 1301 | 77.96 | 108 | 45-115 | 1298 | 12.8 | 30 | |
| Benzo(k)fluoranthene | 1313 | 13 | 1301 | 41.93 | 97.7 | 45-115 | 1278 | 2.74 | 30 | |
| Chrysene | 1408 | 13 | 1301 | 36.69 | 105 | 55-110 | 1311 | 7.11 | 30 | |
| Dibenzo(a,h)anthracene | 1069 | 13 | 1301 | 0 | 82.2 | 40-125 | 1198 | 11.4 | 30 | |
| Fluoranthene | 1884 | 13 | 1301 | 85.82 | 138 | 55-115 | 1450 | 26 | 30 | S |
| Fluorene | 1318 | 13 | 1301 | 15.72 | 100 | 50-110 | 1331 | 0.982 | 30 | |
| Indeno(1,2,3-cd)pyrene | 1074 | 13 | 1301 | 26.86 | 80.5 | 40-120 | 1162 | 7.8 | 30 | |
| Naphthalene | 1236 | 13 | 1301 | 0 | 95 | 40-105 | 1095 | 12.2 | 30 | |
| Pyrene | 1642 | 13 | 1301 | 64.2 | 121 | 45-125 | 1359 | 18.9 | 30 | |
| Surr: 2-Fluorobiphenyl | 2503 | 0 | 3252 | 0 | 77 | 12-100 | 2659 | 6.04 | 40 | |
| Surr: 4-Terphenyl-d14 | 2749 | 0 | 3252 | 0 | 84.5 | 25-137 | 2878 | 4.56 | 40 | |
| Surr: Nitrobenzene-d5 | 2343 | 0 | 3252 | 0 | 72 | 37-107 | 2562 | 8.94 | 40 | |

The following samples were analyzed in this batch:

16071288-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89072** Instrument ID **VMS7** Method: **SW8260B**

| MBLK | | | | Sample ID: MBLK-89072-89072 | | | | Units: µg/Kg-dry | | | Analysis Date: 7/25/2016 11:02 AM | | | |
|-----------------------------|--------|-----|---------|-----------------------------|------|---------------|---------------|------------------|-----------|------|-----------------------------------|--|-------|--|
| Client ID: | | | | Run ID: VMS7_160725A | | | | SeqNo: 3942497 | | | Prep Date: 7/25/2016 | | DF: 1 | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | | | | |
| Benzene | ND | 30 | | | | | | | | | | | | |
| Ethylbenzene | ND | 30 | | | | | | | | | | | | |
| m,p-Xylene | ND | 60 | | | | | | | | | | | | |
| o-Xylene | ND | 30 | | | | | | | | | | | | |
| Toluene | ND | 30 | | | | | | | | | | | | |
| Xylenes, Total | ND | 90 | | | | | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 987.5 | 0 | 1000 | 0 | 98.8 | 70-130 | | 0 | | | | | | |
| Surr: 4-Bromofluorobenzene | 1022 | 0 | 1000 | 0 | 102 | 70-130 | | 0 | | | | | | |
| Surr: Dibromofluoromethane | 938.5 | 0 | 1000 | 0 | 93.8 | 70-130 | | 0 | | | | | | |
| Surr: Toluene-d8 | 998 | 0 | 1000 | 0 | 99.8 | 70-130 | | 0 | | | | | | |

| LCS | | | | Sample ID: LCS-89072-89072 | | | Units: µg/Kg-dry | | Analysis Date: 7/25/2016 09:52 AM | | |
|-----------------------------|--------|-----|----------------------|----------------------------|------|----------------|------------------|----------------------|-----------------------------------|-------|--|
| Client ID: | | | Run ID: VMS7_160725A | | | SeqNo: 3942496 | | Prep Date: 7/25/2016 | | DF: 1 | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | |
| Benzene | 1152 | 30 | 1000 | 0 | 115 | 75-125 | 0 | | | | |
| Ethylbenzene | 1113 | 30 | 1000 | 0 | 111 | 75-125 | 0 | | | | |
| m,p-Xylene | 2235 | 60 | 2000 | 0 | 112 | 80-125 | 0 | | | | |
| o-Xylene | 1092 | 30 | 1000 | 0 | 109 | 75-125 | 0 | | | | |
| Toluene | 1112 | 30 | 1000 | 0 | 111 | 70-125 | 0 | | | | |
| Xylenes, Total | 3327 | 90 | 3000 | 0 | 111 | 75-125 | 0 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 986.5 | 0 | 1000 | 0 | 98.6 | 70-130 | 0 | | | | |
| Surr: 4-Bromofluorobenzene | 1040 | 0 | 1000 | 0 | 104 | 70-130 | 0 | | | | |
| Surr: Dibromofluoromethane | 988.5 | 0 | 1000 | 0 | 98.8 | 70-130 | 0 | | | | |
| Surr: Toluene-d8 | 1014 | 0 | 1000 | 0 | 101 | 70-130 | 0 | | | | |

| MS | | | | Sample ID: 16071324-01A MS | | | | Units: µg/Kg-dry | | Analysis Date: 7/25/2016 05:29 PM | |
|-----------------------------|--------|-----|----------------------|----------------------------|----------------|---------------|----------------------|------------------|-----------|-----------------------------------|--|
| Client ID: | | | Run ID: VMS7_160725A | | SeqNo: 3942507 | | Prep Date: 7/25/2016 | | DF: 1 | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | |
| Benzene | 1395 | 35 | 1181 | 0 | 118 | 75-125 | 0 | | | | |
| Ethylbenzene | 1356 | 35 | 1181 | 0 | 115 | 75-125 | 0 | | | | |
| m,p-Xylene | 2695 | 71 | 2362 | 0 | 114 | 80-125 | 0 | | | | |
| o-Xylene | 1276 | 35 | 1181 | 0 | 108 | 75-125 | 0 | | | | |
| Toluene | 1366 | 35 | 1181 | 0 | 116 | 70-125 | 0 | | | | |
| Xylenes, Total | 3971 | 110 | 3543 | 0 | 112 | 75-125 | 0 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 1159 | 0 | 1181 | 0 | 98.1 | 70-130 | 0 | | | | |
| Surr: 4-Bromofluorobenzene | 1183 | 0 | 1181 | 0 | 100 | 70-130 | 0 | | | | |
| Surr: Dibromofluoromethane | 1121 | 0 | 1181 | 0 | 94.9 | 70-130 | 0 | | | | |
| Surr: Toluene-d8 | 1234 | 0 | 1181 | 0 | 104 | 70-130 | 0 | | | | |

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89072** Instrument ID **VMS7** Method: **SW8260B**

| MSD | | | | Sample ID: 16071324-01A MSD | | | Units: µg/Kg-dry | | Analysis Date: 7/25/2016 05:53 PM | | |
|-----------------------------|--------|----------------------|---------|-----------------------------|----------------|---------------|----------------------|-------|-----------------------------------|------|--|
| Client ID: | | Run ID: VMS7_160725A | | | SeqNo: 3942508 | | Prep Date: 7/25/2016 | | DF: 1 | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | |
| Benzene | 1361 | 35 | 1181 | 0 | 115 | 75-125 | 1395 | 2.44 | 30 | | |
| Ethylbenzene | 1337 | 35 | 1181 | 0 | 113 | 75-125 | 1356 | 1.45 | 30 | | |
| m,p-Xylene | 2618 | 71 | 2362 | 0 | 111 | 80-125 | 2695 | 2.91 | 30 | | |
| o-Xylene | 1244 | 35 | 1181 | 0 | 105 | 75-125 | 1276 | 2.53 | 30 | | |
| Toluene | 1322 | 35 | 1181 | 0 | 112 | 70-125 | 1366 | 3.3 | 30 | | |
| Xylenes, Total | 3862 | 110 | 3543 | 0 | 109 | 75-125 | 3971 | 2.79 | 30 | | |
| Surr: 1,2-Dichloroethane-d4 | 1126 | 0 | 1181 | 0 | 95.4 | 70-130 | 1159 | 2.84 | 30 | | |
| Surr: 4-Bromofluorobenzene | 1166 | 0 | 1181 | 0 | 98.7 | 70-130 | 1183 | 1.46 | 30 | | |
| Surr: Dibromofluoromethane | 1123 | 0 | 1181 | 0 | 95.1 | 70-130 | 1121 | 0.211 | 30 | | |
| Surr: Toluene-d8 | 1208 | 0 | 1181 | 0 | 102 | 70-130 | 1234 | 2.08 | 30 | | |

The following samples were analyzed in this batch:

16071288-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89024** Instrument ID **WETCHEM** Method: **SW9045D**

| | | | | | | | | | | | |
|------------|--------|----------------------------|---------|---------------|------|---------------|----------------|------|-----------------------------------|------|-------|
| LCS | | Sample ID: LCS-89024-89024 | | | | | Units: s.u. | | Analysis Date: 7/24/2016 07:27 PM | | |
| Client ID: | | Run ID: WETCHEM_160724B | | | | | SeqNo: 3939793 | | Prep Date: 7/24/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | |

pH 3.96 0 4 0 99 90-110 0

| | | | | | | | | | | |
|------------|--------|-----------------------------|---------|---------------|------|----------------|---------------|-----------------------------------|-----------|-------|
| DUP | | Sample ID: 16071107-03B DUP | | | | Units: s.u. | | Analysis Date: 7/24/2016 07:27 PM | | |
| Client ID: | | Run ID: WETCHEM_160724B | | | | SeqNo: 3939797 | | Prep Date: 7/24/2016 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

pH 8.46 0 0 0 0 0-0 8.16 3.61 20

| | | | | | | | | | | | | | | |
|------------|--------|-----|---------|-----------------------------|------|---------------|---------------|----------------|-----------|------|-----------------------------------|--|-------|--|
| DUP | | | | Sample ID: 16071353-01C DUP | | | | Units: s.u. | | | Analysis Date: 7/24/2016 07:27 PM | | | |
| Client ID: | | | | Run ID: WETCHEM_160724B | | | | SeqNo: 3939805 | | | Prep Date: 7/24/2016 | | DF: 1 | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | | | | |

pH 7.74 0 0 0 0 0-0 7.72 0.259 20

The following samples were analyzed in this batch:

16071288-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89025** Instrument ID **WETCHEM** Method: **USDA H60 Metho**

| | | | | | | | | | | |
|--------------------------------------|--------|------------------------------------|---------|---------------|------|-----------------------------|---------------|--|-----------|---------------|
| DUP | | Sample ID: 16071286-01B DUP | | | | Units: mmhos/cm @25° | | Analysis Date: 7/25/2016 03:00 PM | | |
| Client ID: | | Run ID: WETCHEM_160725I | | | | SeqNo: 3941328 | | Prep Date: 7/25/2016 | | DF: 10 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Electrical Conductivity @ Saturation | 8.69 | 0.050 | 0 | 0 | 0 | | 8.81 | 1.37 | 50 | |

The following samples were analyzed in this batch:

16071288-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **89285** Instrument ID **WETCHEM** Method: **SW7196A**

| | | | | | | | | | | |
|-------------|--------|------------------------------------|---------|-----------------------|------|-----------------------------|---------------|--|-----------|------|
| MBLK | | Sample ID: MBLK-89285-89285 | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 03:30 PM | | |
| Client ID: | | Run ID: WETCHEM_160728D | | SeqNo: 3949834 | | Prep Date: 7/27/2016 | | DF: 1 | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Chromium, Hexavalent ND 0.97

| | | | | | | | | | | |
|------------|--------|-----------------------------------|---------|-----------------------|------|-----------------------------|---------------|--|-----------|------|
| LCS | | Sample ID: LCS-89285-89285 | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 03:30 PM | | |
| Client ID: | | Run ID: WETCHEM_160728D | | SeqNo: 3949833 | | Prep Date: 7/27/2016 | | DF: 1 | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Chromium, Hexavalent 4.45 1.0 5 0 89 80-120 0

| | | | | | | | | | | |
|------------|--------|-----------------------------------|---------|-----------------------|------|-----------------------------|---------------|--|-----------|------|
| MS | | Sample ID: 16071265-04C MS | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 03:30 PM | | |
| Client ID: | | Run ID: WETCHEM_160728D | | SeqNo: 3949824 | | Prep Date: 7/27/2016 | | DF: 1 | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Chromium, Hexavalent 4.154 0.96 4.808 0.08654 84.6 75-125 0

| | | | | | | | | | | |
|------------|--------|------------------------------------|---------|-----------------------|------|-----------------------------|---------------|--|-----------|------|
| MS | | Sample ID: 16071265-04C MSI | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 03:30 PM | | |
| Client ID: | | Run ID: WETCHEM_160728D | | SeqNo: 3949826 | | Prep Date: 7/27/2016 | | DF: 100 | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Chromium, Hexavalent 2742 94 2808 0.08654 97.7 75-125 0

| | | | | | | | | | | |
|------------|--------|------------------------------------|---------|-----------------------|------|-----------------------------|---------------|--|-----------|------|
| MSD | | Sample ID: 16071265-04C MSD | | | | Units: mg/Kg | | Analysis Date: 7/28/2016 03:30 PM | | |
| Client ID: | | Run ID: WETCHEM_160728D | | SeqNo: 3949825 | | Prep Date: 7/27/2016 | | DF: 1 | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Chromium, Hexavalent 4.279 0.96 4.808 0.08654 87.2 75-125 4.154 2.96 20

The following samples were analyzed in this batch:

16071288-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Terra Energy Partners, LLC
Work Order: 16071288
Project: RG4 23-6 Tank Facility

QC BATCH REPORT

Batch ID: **R192352** Instrument ID **MOIST** Method: **SW3550C**

| | | | | | | | | | | | | | | |
|------------|--|--------|-------|--------------------------|---------------|------|---------------|--------------------|------|-----------|-----------------------------------|--|-------|--|
| MBLK | | | | Sample ID: WBLKS-R192352 | | | | Units: % of sample | | | Analysis Date: 7/25/2016 09:20 PM | | | |
| Client ID: | | | | Run ID: MOIST_160725H | | | | SeqNo: 3943677 | | | Prep Date: | | DF: 1 | |
| Analyte | | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | | | |
| Moisture | | 0.03 | 0.050 | | | | | | | | J | | | |

| | | | | | | | | | | |
|------------|--------|------------------------|---------|---------------|----------------|--------------------|---------------|-----------------------------------|-----------|------|
| LCS | | Sample ID: LCS-R192352 | | | | Units: % of sample | | Analysis Date: 7/25/2016 09:20 PM | | |
| Client ID: | | Run ID: MOIST_160725H | | | SeqNo: 3943676 | | Prep Date: | | DF: 1 | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Moisture | 100 | 0.050 | 100 | 0 | 100 | 99.5-100.5 | 0 | | | |

| | | | | | | | | | | | |
|------------|--------|-----------------------------|---------|---------------|----------------|---------------|--------------------|------|-----------------------------------|------|--|
| DUP | | Sample ID: 16071259-15B DUP | | | | | Units: % of sample | | Analysis Date: 7/25/2016 09:20 PM | | |
| Client ID: | | Run ID: MOIST_160725H | | | SeqNo: 3943655 | | Prep Date: | | DF: 1 | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | |
| Moisture | 15.09 | 0.050 | 0 | 0 | 0 | | 16.2 | 7.09 | 20 | | |

| | | | | | | | | | | | | | | |
|------------|--|--|--|-----------------------------|-------|---------|---------------|--------------------|---------------|---------------|-----------------------------------|-----------|-------|--|
| DUP | | | | Sample ID: 16071314-02B DUP | | | | Units: % of sample | | | Analysis Date: 7/25/2016 09:20 PM | | | |
| Client ID: | | | | Run ID: MOIST_160725H | | | | SeqNo: 3943664 | | | Prep Date: | | DF: 1 | |
| Analyte | | | | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | |
| Moisture | | | | 15.13 | 0.050 | 0 | 0 | 0 | | 15.26 | 0.856 | 20 | | |

The following samples were analyzed in this batch:

16071288-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Environmental

Cincinnati, OH
+1 513 733 5336

Everett, WA
+1 425 356 2600

Fort Collins, CO
+1 970 490 1511

Holland, MI
+1 616 399 6070

Chain of Custody Form

Page of

COC ID: 24979

Houston, TX
+1 281 530 5656

Middletown, PA
+1 717 944 5341

Spring City, PA
+1 610 948 4903

Salt Lake City, UT
+1 801 266 7700

South Charleston, WV
+1 304 356 3168

York, PA
+1 717 505 5280

ALS Project Manager:

ALS Work Order #: 16071288

| Customer Information | | Project Information | | Parameter/Method Request for Analysis <u>Table</u> | | | | | | | | | | | | |
|----------------------|-----------------------------|---------------------|--|--|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Purchase Order | | Project Name | | A | <u>Standard 60622 910-1</u> | | | | | | | | | | | |
| Work Order | | Project Number | | B | | | | | | | | | | | | |
| Company Name | <u>Terra Energy</u> | Bill To Company | | C | | | | | | | | | | | | |
| Send Report To | <u>Mike Gardner</u> | Invoice Attn | | D | | | | | | | | | | | | |
| Address | <u>Mgardner@Terraep.com</u> | Address | | E | | | | | | | | | | | | |
| City/State/Zip | | City/State/Zip | | F | | | | | | | | | | | | |
| Phone | <u>970-623-4875</u> | Phone | | G | | | | | | | | | | | | |
| Fax | | Fax | | H | | | | | | | | | | | | |
| e-Mail Address | | e-Mail Address | | I | | | | | | | | | | | | |
| | | | | J | | | | | | | | | | | | |

| No. | Sample Description | Date | Time | Matrix | Pres. | # Bottles | A | B | C | D | E | F | G | H | I | J | Hold |
|-----|-------------------------------|----------------|-------------|-------------|----------|-----------|----------|---|---|---|---|---|---|---|---|---|------|
| 1 | <u>Standard 60622 910-1</u> | <u>7-21-16</u> | <u>1:06</u> | <u>Soil</u> | <u>-</u> | <u>2</u> | <u>X</u> | | | | | | | | | | |
| 2 | <u>RB4 23-6 Tank Facility</u> | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |

| | | | | | | | | | |
|--|----------------------|-------------------|--|--|--------------|--|---|-------------------|--|
| Sampler(s) Please Print & Sign | | Shipment Method | | Required Turnaround Time: (Check Box) <input type="checkbox"/> Other <input checked="" type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour | | | | Results Due Date: | |
| Retrieved by: <u>M. Gardner</u> | Date: <u>7-21-16</u> | Time: <u>1:04</u> | Received by: <u>[Signature]</u> | Notes: <u>The 2 jars are 1 sample</u> | | | | | |
| Retrieved by: <u>FedEx</u> | Date: <u>7/22/16</u> | Time: <u>0930</u> | Received by (Laboratory): <u>[Signature]</u> | Cooler ID | Cooler Temp | QC Package: (Check One Box Below) | | | |
| Logged by (Laboratory): <u>KEL</u> | Date: <u>7/22/16</u> | Time: <u>1235</u> | Checked by (Laboratory): <u>[Signature]</u> | | <u>3.4°C</u> | <input type="checkbox"/> Level I Std QC | <input type="checkbox"/> TRAP Checklist | | |
| Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035 | | | | | | <input type="checkbox"/> Level III Std QC/Raw Data | <input type="checkbox"/> TRAP Level IV | | |
| | | | | | | <input type="checkbox"/> Level IV SW846/DLP | | | |
| | | | | | | <input type="checkbox"/> Other | | | |

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2012 by ALS Environmental.

ORIGIN ID: RULA (816) 298-1033
 NICK MARTINEZ
 ALS ENVIRONMENTAL PARACHUTE
 PARACHUTE SERVICE CENTER
 127 EAST 1ST ST
 PARACHUTE, CO 81835
 UNITED STATES US

SHIP DATE: 21 JUL 16
 ACTWGT: 60.00 LB
 CAD: 2254840/NET3790
 DIMS: 14x26x15 IN
 BILL SENDER

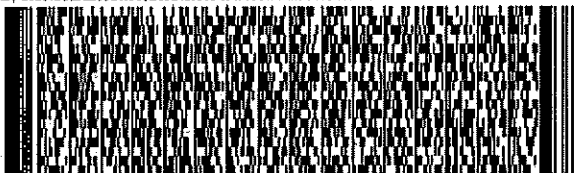
TO **SAMPLE RECEIVING**
ALS ENVIRONMENTAL HOLLAND LAB
3352 128TH AVE

HOLLAND MI 49424

(616) 399-6070
 NV
 PO: PARACHUTE

REF: 072116-2

DEPT:



FedEx
Express



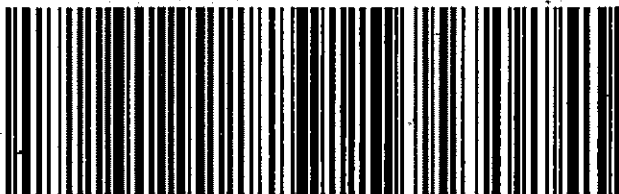
REL#
3785346

TRK# 7768 1668 5607
 0201

FRI - 22 JUL 10:30A
 PRIORITY OVERNIGHT

XX HLMA

49424
 MI-US GRR



54411538014EB

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number. Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Sample Receipt Checklist

Client Name: **TERRAENERGY**

Date/Time Received: **22-Jul-16 09:30**

Work Order: **16071288**

Received by: **KRW**

Checklist completed by Keith Wurenga
eSignature

22-Jul-16
Date

Reviewed by: Chad Whelton
eSignature

22-Jul-16
Date

Matrices: **Soil**

Carrier name: **FedEx**

| | | | |
|---|---|-----------------------------|--|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| Custody seals intact on shipping container/cooler? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Container/Temp Blank temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sample(s) received on ice? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Temperature(s)/Thermometer(s): | <u>3.4/3.4 C</u> | | <u>SR2</u> |
| Cooler(s)/Kit(s): | <u></u> | | |
| Date/Time sample(s) sent to storage: | <u>7/22/2016 12:58:30 PM</u> | | |
| Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | No VOA vials submitted <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| pH adjusted? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| pH adjusted by: | <u>-</u> | | |

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction: