

SVE Monitoring

| Location | Date | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (H ₂ O") | Vacuum Pressure downstream of drum (H ₂ O") | Run Time (Hours) | System Operational at Arrival? | Drum H ₂ O (inches bTOD) | Drum Drained? | Comments |
|------------------|---------|--------------|----------------------|--|--|---------------------|--------------------------------------|---|------------------|--|
| Atlantic A LS 9A | 1-15-24 | 1 | 6.4 | -38 | -48 | - | Y | 22 | N | Drum Frozen |
| Florance GC J 16 | | 2 | 41.4 | -6 | - | - | Y | 12.5 | Y | Gasket leaking |
| Sandoval GC A 1A | | 3 | 124.8 | -10 (H ₂ O) | Broken | 7397.7 | N | 25 | N | Drain Valve is broken (Needs replace) Restarted System, Drum Frozen, |
| Jacquez GC B 3E | | 1 | 0.1 | -6 | - | 5520.1 | Y | Dry | N | Run time gauge has condensation and is hard to read. |
| Al Elliot D 002 | | 5 | - | - | - | - | N | 12.7 | N | Drum Frozen and full, generator was running, attempted to restart, would not start. |
| GCU H180 | | All | - | - | - | 8675.6 | N | - | - | System not operational on arrival, attempted to start, could not start, would not start after drying. |
| Heaton LS 5 | | Unk | 82.3 | - | -54 | - | Y | 25.5 | N | Drum Frozen |
| Mudge B12 R | | 1 | 84.4 | -28 | -8 | - | N | 32 | N | Restarted System Drum Frozen. |
| Mudge A 002 MV | ✓ | 2 | 32.0 | -50 | - | - | Y | Dry | N | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Notes:

SVE - Soil Vapor Extraction

OVM - Organic Vapor Monitoring

ppm- parts per million

H₂O"- inches water

cfm- cubic feet per minute

bTOD- below top of drum

(in hg) SVE Monitoring

| Location | Date | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (H ₂ O") | Vacuum Pressure downstream of drum (H ₂ O") | Run Time (Hours) | System Operational at Arrival? | Drum H ₂ O (inches bTOD) | Drum Drained? | Comments |
|-------------------|---------|--------------|-------------------|--|--|------------------|--------------------------------|-------------------------------------|---------------|--|
| Atlantic A LS 9A* | 2-5-24 | 1 | 6.2 | -3.75 | -3.75 | - | Y | 23.6 | Y | |
| Florance GC J 16* | 2-14-24 | 2 | 42.6 | -2.1 | -2.1 | - | N | 16.4 | Y | Drum leaking, needs new gasket. |
| Sandoval GC A 1A* | 2-5-24 | 3 | 41.0 | -2.5 | -2.5 | 7507.5 | Y | 31.75 | Y | Valve Fixed Gauge Replaced |
| Jacquez GC B 3E* | | 1 | 0.8 | -0.2 | - | 7031.1 | Y | 32.5 | N | Water Frozen |
| Al Elliot D 002* | | 5 | 65.7 | -0.5 | -0.5 | 6664.1 | Y | 30.1 | Y | B6T ≈ 90% Full |
| GCU H180 | | All | - | - | - | - | Y | - | - | 2 psi) 110°F) 1) 2.5 2) 2.5 3) 2.5 4) 1.5 |
| Heaton LS 5* | | Unk | 98.9 | -2.5 | -2.5 | - | Y | 27.3 | Y | run time gauge not connected |
| Mudge B12 R* | 2-14-24 | 1 | 36.7 | -2.2 | -2.5 | - | Y | | N | Drum Frozen |
| Mudge A 002 MV* | 2-14-24 | 2 | 22.0 | -5.0 | -4.0 | - | Y | 32.0 | N | Drum Frozen |
| | | | | | | | | | | |
| | | | | | | | | | | |

Notes:

SVE - Soil Vapor Extraction

OVM - Organic Vapor Monitoring

ppm- parts per million

H₂O"- inches water

cfm- cubic feet per minute

bTOD- below top of drum

* - Gauge replaced with (in hg) vacuum pressure gauge

SVE Monitoring

| Location | Date | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (inHg) | Vacuum Pressure downstream of drum (inHg) | Run Time (Hours) | System Operational at Arrival? | Drum H2O (inches bTOD) | Drum Drained? | Comments |
|------------------|---------|--------------|-------------------|---|---|------------------|--------------------------------|------------------------|---------------|---|
| Atlantic A LS 9A | 3-11-24 | 1 | 0.6 | 3.75 | 3.75 | - | Y | 29.5 | Y | |
| Florance GC J 16 | | 2 | 28.1 | 3.20 | 3.30 2.30 | - | Y | 18.2 | Y | * - See below |
| Sandoval GC A 1A | | 3 | 89.1 | 2.50 | 2.50 | 7653.0 | N | 28.3 | Y | |
| Jacquez GC B 3E | | 1 | 1.2 | 0.2 | 0.2 | 7869.8 | Y | Dry | N | |
| Al Elliot D 002 | | 5 | 26.5 | 0.5 | 0.5 | 6849.7 | N | 32.5 | N | Water Level below drain valve |
| GCU H180 | | All | - | - | - | 9003.0 | Y | - | - | Temp 125°F System Pressure 1.8 psi SVE Point (psi): (1) 2.5 (2) 2.5 (3) 2.5 (4) 2.5 |
| Heaton LS 5 | | Unk | 70.8 | 2.7 | 2.5 | - | Y | 31.8 | N | Water Level below drain valve |
| Mudge B12 R | | 1 | 41.3 | 2.5 | 2.5 | - | Y | 24.8 | Y | Drum has hole, needs to be replaced |
| Mudge A 002 MV | | 2 | 47.2 | 4.75 | 3.75 | - | Y | Dry | N | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Notes:

SVE - Soil Vapor Extraction
 OVM - Organic Vapor Monitoring
 ppm- parts per million
 inHg- inches of mercury
 cfm- cubic feet per minute
 bTOD- below top of drum

* - No leaks when system was running.
 Turned off system and discovered leaks.
 After investigation a small pinhole is present
 at the bottom of the drum

SVE Monitoring

| Location | Date | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (inHg) | Vacuum Pressure downstream of drum (inHg) | Run Time (Hours) | System Operational at Arrival? | Drum H2O (inches bTOD) | Drum Drained? | Comments |
|------------------|--------|--------------|-------------------|---|---|------------------|--------------------------------|------------------------|---------------|--|
| Atlantic A LS 9A | 4/8/24 | 1 | 66.1 | 3.75 | 3.75 | — | Y | 29.5 | Y | |
| Florance GC J 16 | | 2 | 202.8 | -4.0 | -4.0 | — | Y | 14 | Y | Small leak when system is off |
| Sandoval GC A 1A | | 3 | 148.3 | 2.5 | 2.5 | 7612.9 | N | 30.5 | Y | |
| Jacquez GC B 3E | | 1 | 6.0 | 0.2 | 0.2 | 8543.6 | Y | Dry | N | |
| Al Elliot D 002 | | 5 | 49.8 | 0.4 | 0.4 | 7181.6 | Y | 29 | Y | |
| GCU H180 | | All | - | - | - | 9177.0 | Y | - | - | Temp 125 F System Pressure 20 psi SVE Point (psi): (1) 1.0 (2) 1.0 (3) 1.0 (4) 1.0 |
| Heaton LS 5 | | Unk | 107.5 | 2.75 | 2.5 | — | Y | Dry | N | |
| Mudge B12 R | | 1 | 256.3 | 2.5 | 2.5 | — | Y | 28.5 | Y | Small leak when system is off |
| Mudge A 002 MV | | 2 | 104.3 | 4.75 | 3.00 | — | Y | Dry | N | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Notes:

SVE - Soil Vapor Extraction
 OVM - Organic Vapor Monitoring
 ppm- parts per million
 inHg- inches of mercury
 cfm- cubic feet per minute
 bTOD- below top of drum

SVE Monitoring

| Location | Date | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (inHg) | Vacuum Pressure downstream of drum (inHg) | Run Time (Hours) | System Operational at Arrival? | Drum H ₂ O (inches bTOD) | Drum Drained? | Comments |
|------------------|--------|--------------|-------------------|---|---|------------------|--------------------------------|-------------------------------------|---------------|---|
| Atlantic A LS 9A | 5-6-24 | 1 | 1.3 | 3.75 | 3.75 | - | Y | 31.5 | N | Water level below drain valve |
| Florance GC J 16 | | 2 | 23.3 | 3.5 | 3.5 | - | Y | 24.2 | Y | Tightened gasket, no leaks after tightening. |
| Sandoval GC A 1A | | 3 | 2.8 | 2.5 | 2.5 | 7745.2 | N | 32.5 32.5 | N | Water level below drain valve, restarted system. MW connection was disconnected on arrival. |
| Jacquez GC B 3E | | 1 | 1.1 | 0.2 | 0.2 | 10,215.4 | Y | Dry | N | Drum is dry. |
| Al Elliot D 002 | | 5 | 29.5 | 0.4 | 0.4 | 8154.0 | Y | 30.3 | Y | Drum dry |
| GCU H180 | | All | - | - | - | 9331.1 | Y | - | - | Temp 127 F System Pressure 215 psi SVE Point (psi): (1) 1.5 (2) 2.5 (3) 2.0 (4) 1.0 |
| Heaton LS 5 | | Unk | 89.6 | 2.5 | 2.5 | - | Y | Dry | N | Drum dry |
| Mudge B12 R | | 1 | 26.7 | 2.5 | 2.5 | - | Y | 27.5 | Y | Tightened gasket, gasket is cracked. Minor condensation observed after tightening. |
| Mudge A 002 MV | | 2 | 52.0 | 5.0 | 3.75 | - | Y | Dry | N | Drum dry |
| | | | | | | | | | | |
| | | | | | | | | | | |

Notes:

SVE - Soil Vapor Extraction

OVM - Organic Vapor Monitoring

ppm- parts per million

inHg- inches of mercury

cfm- cubic feet per minute

bTOD- below top of drum

SVE Monitoring

| Location | Date | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (inHg) | Vacuum Pressure downstream of drum (inHg) | Run Time (Hours) | System Operational at Arrival? | Drum H2O (inches bTOD) | Drum Drained? | Comments |
|------------------|---------|--------------|-------------------|---|---|------------------|--------------------------------|------------------------|---------------|--|
| Atlantic A LS 9A | 6/14/24 | 1 | 3.4 | 4.0 | 3.75 | — | Y | Dry | N | |
| Florance GC J 16 | 6/13/24 | 2 | 35.8 | 3.0 | 3.5 | — | Y | Dry | N | |
| Sandoval GC A 1A | 6/13/24 | 3 | 10.0 | 5.0 | 2.0 | 792.4 | N | Dry | N | |
| Jacquez GC B 3E | 6/13/24 | 1 | 6.2 | 0.1 | 0.1 | 1264.0 | Y | Dry | N | |
| Al Elliot D 002 | 6/13/24 | 5 | 37.3 | 0.1 | 0.1 | 906.2 | Y | Dry | N | |
| GCU H180 | 6/12/24 | All | - | - | - | Broken | N | - | - | Temp 145F System Pressure 2.5 psi SVE Point (psi): (1) 0.1 (2) 2.5 (3) 2.7 (4) 0 |
| Heaton LS 5 | 6/12/24 | Unk | 102.0 | 1.0 | 1.0 | — | Y | Dry | N | |
| Mudge B12 R | 6/12/24 | 1 | 36.7 | 2.5 | 2.5 | — | Y | Dry | N | |
| Mudge A 002 MV | 6/13/24 | 2 | 150.5 | 5.0 | 5.0 | — | Y | Dry | NO | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Notes:

SVE - Soil Vapor Extraction
 OVM - Organic Vapor Monitoring
 ppm- parts per million
 inHg- inches of mercury
 cfm- cubic feet per minute
 bTOD- below top of drum

system off
on arrival.
Reset.



Environment Testing

1

2

3

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kyle Siesser
Cottonwood Consulting LLC
PO BOX 1653
Durango, Colorado 81302
Generated 6/17/2024 6:03:31 PM

JOB DESCRIPTION

Mudge B #012R

JOB NUMBER

885-6150-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Cheyenne Cason, Project Manager
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(505)345-3975

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6/17/2024 6:03:31 PM

Client: Cottonwood Consulting LLC
Project/Site: Mudge B #012R

Laboratory Job ID: 885-6150-1

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Definitions/Glossary

Client: Cottonwood Consulting LLC
Project/Site: Mudge B #012R

Job ID: 885-6150-1

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| ▫ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: Cottonwood Consulting LLC
Project: Mudge B #012R

Job ID: 885-6150-1

Job ID: 885-6150-1Eurofins Albuquerque

Job Narrative
885-6150-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 6/13/2024 6:55 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 26.1°C.

Gasoline Range Organics

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

GC/MS VOA

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

Eurofins Albuquerque

Client Sample Results

Client: Cottonwood Consulting LLC
Project/Site: Mudge B #012R

Job ID: 885-6150-1

Client Sample ID: SVE
Date Collected: 06/12/24 15:20
Date Received: 06/13/24 06:55
Sample Container: Tedlar Bag 1L

Lab Sample ID: 885-6150-1
Matrix: Air

| Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics) | | | | | | | | | |
|---|-----------|-----------|----------|------|---|----------|----------------|---------|--|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac | |
| Gasoline Range Organics [C6 - C10] | 84 | | 10 | ug/L | | | 06/13/24 17:59 | 2 | |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac | |
| 4-Bromofluorobenzene (Surr) | 115 | | 52 - 172 | | | | 06/13/24 17:59 | 2 | |

| Method: SW846 8260B - Volatile Organic Compounds (GC/MS) | | | | | | | | | |
|--|-----------|-----------|----------|------|---|----------|----------------|---------|--|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac | |
| Benzene | ND | | 0.20 | ug/L | | | 06/13/24 17:59 | 2 | |
| Ethylbenzene | ND | | 0.20 | ug/L | | | 06/13/24 17:59 | 2 | |
| m&p-Xylene | 0.43 | | 0.20 | ug/L | | | 06/13/24 17:59 | 2 | |
| o-Xylene | 0.22 | | 0.20 | ug/L | | | 06/13/24 17:59 | 2 | |
| Toluene | ND | | 0.20 | ug/L | | | 06/13/24 17:59 | 2 | |
| Xylenes, Total | 0.65 | | 0.30 | ug/L | | | 06/13/24 17:59 | 2 | |
| Methyl-tert-butyl Ether (MTBE) | ND | | 0.20 | ug/L | | | 06/13/24 17:59 | 2 | |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac | |
| 1,2-Dichloroethane-d4 (Surr) | 91 | | 70 - 130 | | | | 06/13/24 17:59 | 2 | |
| Toluene-d8 (Surr) | 89 | | 70 - 130 | | | | 06/13/24 17:59 | 2 | |
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 | | | | 06/13/24 17:59 | 2 | |
| Dibromofluoromethane (Surr) | 89 | | 70 - 130 | | | | 06/13/24 17:59 | 2 | |

QC Sample Results

Client: Cottonwood Consulting LLC
Project/Site: Mudge B #012R

Job ID: 885-6150-1

Method: 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Lab Sample ID: MB 885-6752/3

Matrix: Air

Analysis Batch: 6752

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|-----------------|-----------------|----------|------|---|----------|----------------|---------|
| Gasoline Range Organics [C6 - C10] | ND | | 5.0 | ug/L | | | 06/13/24 13:26 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 104 | | 52 - 172 | | | | 06/13/24 13:26 | 1 |

Lab Sample ID: LCS 885-6752/2

Matrix: Air

Analysis Batch: 6752

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------------|------------------|------------------|------------------|------|---|------|----------------|
| Gasoline Range Organics [C6 - C10] | 500 | 519 | | ug/L | | 104 | |
| Surrogate | LCS %Recovery | LCS Qualifier | Limits | | | | |
| 4-Bromofluorobenzene (Surr) | 108 | | 52 - 172 | | | | |

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-6750/3

Matrix: Air

Analysis Batch: 6750

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------|-----------------|-----------------|----------|------|---|----------|----------------|---------|
| Benzene | ND | | 0.10 | ug/L | | | 06/13/24 13:26 | 1 |
| Ethylbenzene | ND | | 0.10 | ug/L | | | 06/13/24 13:26 | 1 |
| m&p-Xylene | ND | | 0.10 | ug/L | | | 06/13/24 13:26 | 1 |
| o-Xylene | ND | | 0.10 | ug/L | | | 06/13/24 13:26 | 1 |
| Toluene | ND | | 0.10 | ug/L | | | 06/13/24 13:26 | 1 |
| Xylenes, Total | ND | | 0.15 | ug/L | | | 06/13/24 13:26 | 1 |
| Methyl-tert-butyl Ether (MTBE) | ND | | 0.10 | ug/L | | | 06/13/24 13:26 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 94 | | 70 - 130 | | | | 06/13/24 13:26 | 1 |
| Toluene-d8 (Surr) | 89 | | 70 - 130 | | | | 06/13/24 13:26 | 1 |
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 | | | | 06/13/24 13:26 | 1 |
| Dibromofluoromethane (Surr) | 92 | | 70 - 130 | | | | 06/13/24 13:26 | 1 |

Lab Sample ID: LCS 885-6750/2

Matrix: Air

Analysis Batch: 6750

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|------------------|------------------|------------------|------|---|------|----------------|
| Benzene | 20.1 | 21.0 | | ug/L | | 105 | |
| Toluene | 20.2 | 19.8 | | ug/L | | 98 | |
| Surrogate | LCS %Recovery | LCS Qualifier | Limits | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 93 | | 70 - 130 | | | | |
| Toluene-d8 (Surr) | 90 | | 70 - 130 | | | | |

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QC Sample Results

Client: Cottonwood Consulting LLC
Project/Site: Mudge B #012R

Job ID: 885-6150-1

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

Lab Sample ID: LCS 885-6750/2
Matrix: Air
Analysis Batch: 6750

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

| Surrogate | LCS | | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 112 | | 70 - 130 |
| Dibromofluoromethane (Surr) | 91 | | 70 - 130 |

QC Association Summary

Client: Cottonwood Consulting LLC
Project/Site: Mudge B #012R

Job ID: 885-6150-1

GC/MS VOA

Analysis Batch: 6750

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|--------------------|-----------|--------|--------|------------|
| 885-6150-1 | SVE | Total/NA | Air | 8260B | |
| MB 885-6750/3 | Method Blank | Total/NA | Air | 8260B | |
| LCS 885-6750/2 | Lab Control Sample | Total/NA | Air | 8260B | |

Analysis Batch: 6752

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|--------------------|-----------|--------|--------|------------|
| 885-6150-1 | SVE | Total/NA | Air | 8015D | |
| MB 885-6752/3 | Method Blank | Total/NA | Air | 8015D | |
| LCS 885-6752/2 | Lab Control Sample | Total/NA | Air | 8015D | |

Lab Chronicle

Client: Cottonwood Consulting LLC
Project/Site: Mudge B #012R

Job ID: 885-6150-1

Client Sample ID: SVE

Date Collected: 06/12/24 15:20

Date Received: 06/13/24 06:55

Lab Sample ID: 885-6150-1

Matrix: Air

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA | Analysis | 8015D | | 2 | 6752 | CM | EET ALB | 06/13/24 17:59 |
| Total/NA | Analysis | 8260B | | 2 | 6750 | CM | EET ALB | 06/13/24 17:59 |

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Accreditation/Certification Summary

Client: Cottonwood Consulting LLC
Project/Site: Mudge B #012R

Job ID: 885-6150-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|-------------|-----------------------|------------------------------------|
| New Mexico | State | NM9425, NM0901 | 02-26-25 |
| The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification. | | | |
| Analysis Method | Prep Method | Matrix | Analyte |
| 8015D | | Air | Gasoline Range Organics [C6 - C10] |
| 8260B | | Air | Benzene |
| 8260B | | Air | Ethylbenzene |
| 8260B | | Air | m&p-Xylene |
| 8260B | | Air | Methyl-tert-butyl Ether (MTBE) |
| 8260B | | Air | o-Xylene |
| 8260B | | Air | Toluene |
| 8260B | | Air | Xylenes, Total |
| Oregon | NELAP | NM100001 | 02-26-25 |
| The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification. | | | |
| Analysis Method | Prep Method | Matrix | Analyte |
| 8015D | | Air | Gasoline Range Organics [C6 - C10] |
| 8260B | | Air | Benzene |
| 8260B | | Air | Ethylbenzene |
| 8260B | | Air | m&p-Xylene |
| 8260B | | Air | Methyl-tert-butyl Ether (MTBE) |
| 8260B | | Air | o-Xylene |
| 8260B | | Air | Toluene |
| 8260B | | Air | Xylenes, Total |

Login Sample Receipt Checklist

Client: Cottonwood Consulting LLC

Job Number: 885-6150-1

Login Number: 6150

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

| Question | Answer | Comment |
|--|--------|---------|
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |

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1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 356864

CONDITIONS

| | |
|---|--|
| Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301 | OGRID: 329736 |
| | Action Number: 356864 |
| | Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------------|--|----------------|
| michael.buchanan | Mudge B #012R SVE Field Forms 2024 and Laboratory Analysis for gas results are accepted as part of the incident record. App ID: 356864 | 11/6/2024 |