



P.O. Box 1653  
Durango, Colorado 81302  
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[www.cottonwoodconsulting.com](http://www.cottonwoodconsulting.com)

February 2, 2026

Jerrid Brann  
Simcoe LLC  
1199 Main Ave Suite 101  
Durango, CO 81301

**RE: Sandoval Gas Com A #001A  
2025 Monitoring Report**

Dear Mr. Brann,

Cottonwood Consulting LLC (Cottonwood) is pleased to provide Simcoe LLC (Simcoe) with the results of the groundwater and soil vapor extraction (SVE) monitoring conducted at the Sandoval Gas Com A #001A well site (API 30-045-22294). Details regarding the methodology and associated results are summarized below.

**Background**

Below is a timeline outlining events at the Sandoval Gas Com A #001A.

|                   |                                                                                                                                                                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>10/28/2003</u> | Unlined/earthen pit closure initiated. Vertical extent not established with backhoe.                                                                                                                                                                  |
| <u>09/20/2006</u> | Boring BH-1 advanced with drill rig to determine vertical extent. Hollow stem auger refusal at 17 feet below ground surface (bgs). Soil sample collected from 15-17 feet bgs.                                                                         |
| <u>08/22/2011</u> | Installed monitor/test well within source area (MW #2) using air powered hammer drilling method.                                                                                                                                                      |
| <u>12/02/2011</u> | Installed up gradient monitor/test well (MW #1) using air powered hammer drilling method.                                                                                                                                                             |
| <u>12/05/2011</u> | Installed suspected side gradient monitor/test well (MW #3) using air powered hammer drilling method.                                                                                                                                                 |
| <u>12/05/2011</u> | Installed suspected down gradient monitor/test well (MW #4) using air powered hammer drilling method.                                                                                                                                                 |
| <u>01/30/2018</u> | Form C-141 initial report submitted to the New Mexico Oil Conservation Division (NMOCD). Included were the earthen pit closure documentation with lab analyses, bore hole logs, 1998 NMOCD correspondence letter, and transmission operator site map. |
| <u>02/06/2018</u> | NMOCD approved Form C-141 and stated additional remediation is required. Assigned administrative & order # 3RP-1057 and incident # nCS1803742861.                                                                                                     |
| <u>03/05/2018</u> | Remediation plan submitted to the NMOCD.                                                                                                                                                                                                              |
| <u>04/13/2018</u> | NMOCD approved remediation plan with stated conditions.                                                                                                                                                                                               |
| <u>10/29/2018</u> | Initial start-up of SVE system on MW #2.                                                                                                                                                                                                              |

Quarterly sampling of MW #1 and MW #2 was conducted from August 2011 to June 2013. In June 2013, MW #1 was dry and depth-to-water measurements collected in 2025 indicate that it remains

Cottonwood Consulting LLC

dry. Light non-aqueous phase liquid (LNAPL) was observed within MW #2 in March 2013. After the SVE start up in October 2018, LNAPL in MW #2 appears to have been removed and quarterly groundwater sampling resumed in March 2019.

See Figure 1 for the locations of all monitoring wells.

## **Methodology**

### *Groundwater Monitoring Wells*

Groundwater sampling was conducted on March 26, June 18, September 17, and December 10, 2025. Prior to groundwater sample collection, depth-to-water measurements were collected from MW #1, MW #2, and MW #3. MW #1 and MW #3 were both dry during the 2025 monitoring events. MW #4, located near the load-out for the below-grade tank (BGT), has been covered with sediment and possibly damaged. Staff was unable to locate the flush-mount protector at the location of MW #4 during the 2025 monitoring events.

Prior to sample collection, approximately three wellbore volumes were purged from MW #2 with new disposable bailers. The groundwater sample was collected following US EPA SW-846 protocol. The groundwater sample was transferred into laboratory-provided containers with the appropriate preservative, stored in a cooler on ice, and submitted with a complete chain-of-custody to Green Analytical Laboratoires (GAL) for analysis of volatile organic compounds (VOCs) by US EPA Method 8260B. Cottonwood also collected field measurements of pH, conductivity, and temperature.

Fluids generated during monitoring well purging were discarded into the BGT located on the well site. The BGT contents are disposed of through approved NMOCD operational procedures for removal of produced fluids.

### *Soil Vapor Extraction System*

The soil vapor extraction system (SVE) was installed and commenced operation in October 2018. Weekly to monthly monitoring has been ongoing since then. During the regular monitoring, observations are made about the SVE system operation and general condition, organic vapor meter (OVM) readings are collected from the exhaust of the SVE unit, vacuum pressure on the unit is noted, and the quantity of water within the drum located on the unit is noted and the drum drained, if required. See Figure 2 for OVM reading results. An annual gas sample is also collected from the SVE unit and analyzed by Hall Environmental Laboratory (HEAL) for VOCs by US EPA Method 8260B.

## **Monitoring Results**

### *Groundwater Monitoring Wells*

Benzene, ethylbenzene, and total xylenes were above the New Mexico Water Quality Control Commission (NMWQCC) standard in MW #2 in all four groundwater monitoring events conducted in 2025. A groundwater sampling results table is included as Attachment 1 and the GAL

Brann, J.  
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groundwater sampling laboratory reports from the 2025 groundwater sampling are included as Attachment 2.

### *Soil Vapor Extraction System*

OVM readings collected during 2025 ranged from 0.8 parts per million (ppm) to 46.4 ppm. The system was not operating upon arrival during one of the 2025 monitoring events, indicating that the system has been operational over 90 percent of the year. A runtime gauge is present on the SVE; however, the gauge was not functional during the December 2025 monitoring event. A summary of the SVE System Monitoring Data is included in Attachment 3.

No BTEX or other VOCs were detected in the gas sample collected from the SVE system. The HEAL gas sample laboratory report from the 2025 gas sampling event is included as Attachment 4.

### **Conclusion**

While benzene, ethylbenzene, and total xylenes remain above the NMWQCC standard in MW #2, the SVE system appears to have effectively removed the LNAPL previously observed in that monitoring well. In the future, Simcoe may advance subsurface soil borings to verify closure standards are met. Simcoe will continue to conduct SVE and groundwater monitoring and sampling as required.

Should you have any questions, please do not hesitate to contact me at 970-764-7356. Cottonwood appreciates the opportunity to provide services to Simcoe.

Sincerely,



Kyle Siesser, P.G.  
Cottonwood Consulting LLC

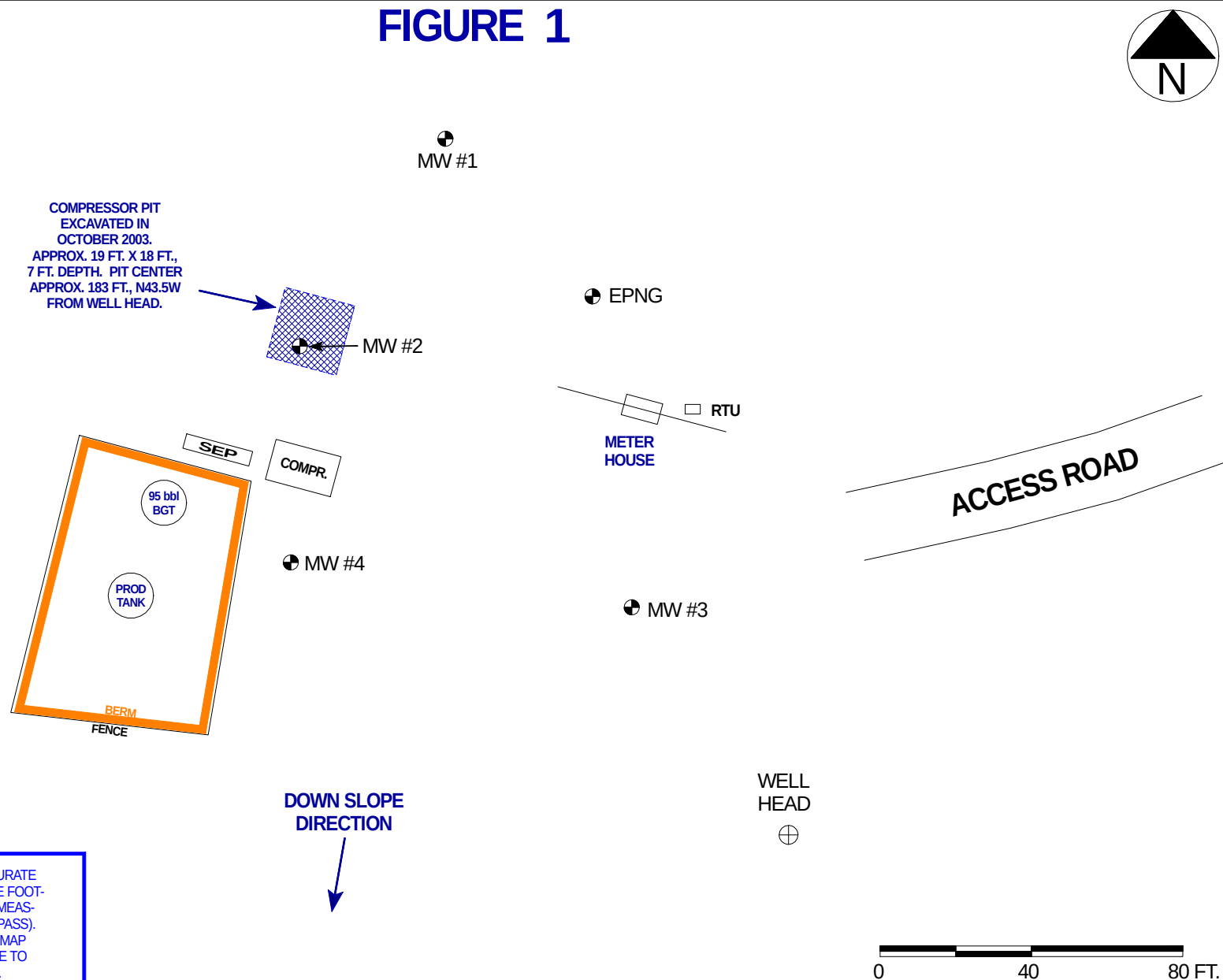
Attachments: Figure 1 – Site Map  
Attachment 1 – Groundwater Sampling Results  
Attachment 2 – GAL Groundwater Sampling Laboratory Report  
Attachment 3 – SVE System Monitoring Data  
Attachment 4 – HEAL Gas Sampling Laboratory Report

Cottonwood Consulting LLC



**FIGURE 1**

FIGURE 1



MONITOR WELL LOCATIONS ARE ONLY AS ACCURATE AS THE INSTRUMENTS USED IN OBTAINING THE FOOTAGE & BEARING FROM THE WELL HEAD (TAPE MEASURE, LASER RANGE FINDER, & BRUNTON COMPASS). ALL OTHER STRUCTURES DISPLAYED ON THIS MAP ARE SOLELY FOR REFERENCE AND MAY NOT BE TO SCALE. MAGNETIC DECLINATION USED ~ 10° E.

BP AMERICA PRODUCTION CO.

SANDOVAL GC A # 1A

NE 1/4 NW 1/4 SEC. 35, T30N, R9W

SAN JUAN COUNTY, NEW MEXICO

B LAGG ENGINEERING, I NC.

CONSULTING PETROLEUM / RECLAMATION SERVICES

P.O. BOX 87

BLOOMFIELD, NEW MEXICO 87413

PHONE: (505) 632-1199

PROJECT: MW SAMPLING

DRAWN BY: NJV

FILENAME: SANDOVAL GC A 1A-SM7.SKF

REVISED: 12-31-12

SITE  
MAP

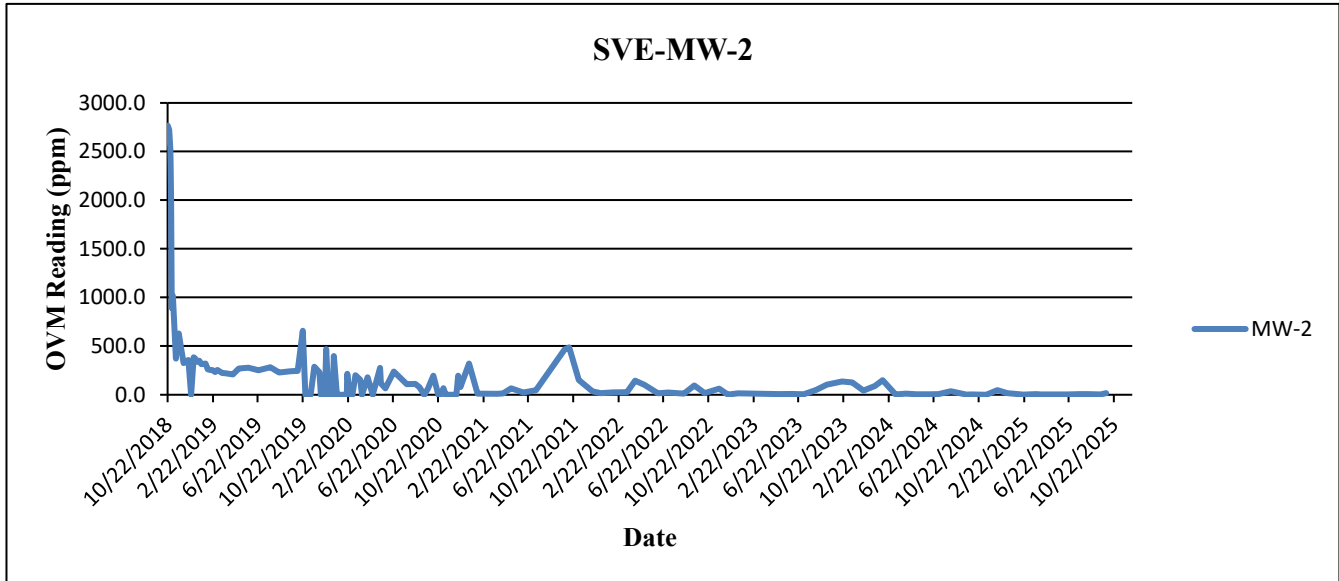
12/12



**FIGURE 2**



**Sandoval GC A 1A  
OVM Reading Results  
Simcoe LLC**





**ATTACHMENT 1**



**Sandoval Gas Com A #001A  
Groundwater Sampling Results  
Simcoe LLC**

| Well Name                          | Sample Date | Depth to Water (ft) | Well Depth (ft) | Conductivity (umhos) | Free Phase Product (ft) | pH   | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Total Xylenes (ppb) |
|------------------------------------|-------------|---------------------|-----------------|----------------------|-------------------------|------|---------------|---------------|--------------------|---------------------|
| MW #1                              | 12/09/11    | 34.97               | 39.00           | 3,100                | -                       | 7.46 | <b>280</b>    | <b>1,000</b>  | 50                 | 540                 |
| MW #1                              | 02/09/12    | 35.01               | "               | 3,300                | -                       | 6.82 | <b>210</b>    | <5.0          | 9.3                | 230                 |
| MW #1                              | 06/21/12    | 37.13               | "               | 3,300                | -                       | 6.78 | <1.0          | <1.0          | <1.0               | 1.3                 |
| MW #1                              | 09/20/12    | 36.08               | "               | 3,700                | -                       | 6.94 | <b>55</b>     | <1.0          | <1.0               | <2.0                |
| MW #1                              | 12/20/12    | 37.22               | "               | 2,700                | -                       | 6.90 | <b>22</b>     | <1.0          | <1.0               | <2.0                |
| MW #1                              | 03/19/13    | 38.29               | "               | 2,600                | -                       | 7.21 | 1.4           | 4.3           | <1.0               | 41                  |
| MW #1                              | 06/19/13    | 39.31               | "               | 2,100                | -                       | 7.31 | <1.0          | <1.0          | <1.0               | <2.0                |
| MW #1                              | 08/20/21    | dry                 | "               | -                    | -                       | -    | -             | -             | -                  | -                   |
| MW #1                              | 12/08/21    | dry                 | "               | -                    | -                       | -    | -             | -             | -                  | -                   |
| MW #2                              | 08/30/11    | 33.54               | 37.25           | 2,400                | -                       | 7.38 | <b>990</b>    | <b>6,700</b>  | <b>710</b>         | <b>10,000</b>       |
| MW #2                              | 12/09/11    | 33.57               | "               | 3,300                | -                       | 7.04 | <b>1,900</b>  | <b>8,600</b>  | <b>930</b>         | <b>13,000</b>       |
| MW #2                              | 02/09/12    | 33.56               | "               | 2,800                | -                       | 6.90 | <b>1,900</b>  | <b>7,500</b>  | <b>800</b>         | <b>12,000</b>       |
| MW #2                              | 06/21/12    | 33.70               | "               | 2,600                | -                       | 6.87 | <b>2,600</b>  | <b>10,000</b> | <b>700</b>         | <b>18,000</b>       |
| MW #2                              | 09/20/12    | 33.78               | "               | 2,600                | -                       | 6.90 | <b>2,200</b>  | <b>9,900</b>  | <b>970</b>         | <b>47,000</b>       |
| MW #2                              | 12/20/12    | 33.85               | "               | 2,200                | -                       | 7.01 | <b>2,800</b>  | <b>7,600</b>  | 640                | <b>18,000</b>       |
| MW #2                              | 03/19/13    | 33.95               | "               | -                    | 0.21                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 06/19/13    | 34.01               | "               | -                    | 0.26                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 08/26/13    | 33.98               | "               | -                    | 0.11                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 12/17/13    | 34.23               | "               | -                    | 0.38                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 03/11/14    | 34.21               | "               | -                    | 0.39                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 06/25/14    | 34.31               | "               | -                    | 0.42                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 08/28/14    | 34.05               | "               | -                    | 0.23                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 12/03/14    | 34.48               | "               | -                    | 0.64                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 03/31/15    | 34.60               | "               | -                    | 0.68                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 05/26/15    | 35.13               | "               | -                    | 0.54                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 08/29/15    | 34.39               | "               | -                    | >2.25                   | -    | -             | -             | -                  | -                   |
| MW #2                              | 11/30/15    | 34.66               | "               | -                    | >2.50                   | -    | -             | -             | -                  | -                   |
| MW #2                              | 02/24/16    | 35.95               | "               | -                    | -                       | -    | -             | -             | -                  | -                   |
| MW #2                              | 05/24/16    | 37.55               | "               | -                    | 3.61                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 09/23/16    | 37.89               | "               | -                    | 3.24                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 12/08/16    | 36.99               | "               | -                    | 2.88                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 03/31/17    | 36.83               | "               | -                    | -                       | -    | -             | -             | -                  | -                   |
| MW #2                              | 05/28/17    | 36.97               | "               | -                    | 3.06                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 09/12/17    | 36.74               | "               | -                    | -                       | -    | -             | -             | -                  | -                   |
| MW #2                              | 06/30/18    | 36.38               | "               | -                    | 2.10                    | -    | -             | -             | -                  | -                   |
| MW #2                              | 09/27/18    | -                   | "               | -                    | >3.23                   | -    | -             | -             | -                  | -                   |
| MW #2                              | 03/28/19    | 34.15               | "               | 1,700                | -                       | 7.01 | <b>1,400</b>  | 230           | <b>1,500</b>       | <b>23,000</b>       |
| MW #2                              | 06/24/19    | 34.11               | "               | 1,350                | -                       | 7.12 | <b>920</b>    | 200           | <b>1,000</b>       | <b>21,000</b>       |
| MW #2                              | 09/19/19    | 34.31               | "               | 1,050                | -                       | 6.92 | <b>920</b>    | <100          | <b>840</b>         | <b>17,000</b>       |
| MW #2                              | 12/10/20    | 34.13               | "               | 1,200                | -                       | 7.17 | <b>800</b>    | <100          | <b>780</b>         | <b>16,000</b>       |
| MW #2                              | 03/30/20    | 34.13               | "               | 1,500                | -                       | 7.14 | <b>570</b>    | <100          | <b>850</b>         | <b>18,000</b>       |
| MW #2                              | 06/01/20    | 35.53               | "               | 1,300                | -                       | 6.98 | <b>570</b>    | <50           | <b>870</b>         | <b>17,000</b>       |
| MW #2                              | 09/14/20    | 36.96               | "               | 1,300                | -                       | 7.01 | <b>620</b>    | 150           | <b>790</b>         | <b>15,000</b>       |
| MW #2                              | 12/15/20    | 35.85               | "               | 1,400                | -                       | 7.07 | <b>1,400</b>  | 13            | <b>830</b>         | <b>13,000</b>       |
| MW #2                              | 03/04/21    | -                   | "               | -                    | -                       | -    | <b>1,400</b>  | ND            | <b>810</b>         | <b>11,000</b>       |
| <b>NMWQCC Groundwater Standard</b> |             |                     |                 |                      |                         | 6-9  | 5             | 1000          | 700                | 620                 |



**Sandoval Gas Com A #001A  
Groundwater Sampling Results  
Simcoe LLC**

| Well Name                          | Sample Date | Depth to Water (ft) | Well Depth (ft) | Conductivity (umhos) | Free Phase Product (ft) | pH   | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Total Xylenes (ppb) |
|------------------------------------|-------------|---------------------|-----------------|----------------------|-------------------------|------|---------------|---------------|--------------------|---------------------|
| MW #2                              | 06/09/21    | -                   | "               | -                    | -                       | -    | <b>2,500</b>  | ND            | <b>1,200</b>       | <b>13,000</b>       |
| MW #2                              | 08/20/21    | 36.46               | "               | 3,030                | -                       | 7.52 | <b>1,900</b>  | ND            | <b>1,500</b>       | <b>12,000</b>       |
| MW #2                              | 12/08/21    | 37.80               | "               | 2,790                | -                       | 7.35 | <b>1,600</b>  | ND            | <b>1,000</b>       | <b>8,100</b>        |
| MW #2                              | 03/16/22    | 37.30               | "               | 3,200                | -                       | 7.54 | <b>1,950</b>  | ND            | <b>922</b>         | <b>8,130</b>        |
| MW #2                              | 06/08/22    | 36.52               | "               | 3,300                | -                       | 6.90 | <b>1,230</b>  | ND            | 578                | <b>10,300</b>       |
| MW #2                              | 09/14/22    | 36.47               | "               | 2,150                | -                       | 7.69 | <b>876</b>    | ND            | 132                | <b>1,010</b>        |
| MW #2                              | 12/14/22    | 36.65               | "               | 2,740                | -                       | 7.92 | <b>2,130</b>  | ND            | 589                | <b>5,170</b>        |
| MW #2                              | 03/09/23    | 38.40               | "               | 2,640                | -                       | 7.38 | <b>1,840</b>  | 80            | 663                | <b>3,440</b>        |
| MW #2                              | 06/21/23    | 36.60               | "               | 2,890                | -                       | 7.22 | <b>975</b>    | ND            | 152                | <b>1,770</b>        |
| MW #2                              | 09/19/23    | 36.77               | "               | 2,520                | -                       | -    | <b>1,340</b>  | ND            | 222                | <b>2,690</b>        |
| MW #2                              | 12/15/23    | 37.44               | "               | 2,820                | -                       | 7.38 | <b>1,370</b>  | ND            | 264                | <b>1,590</b>        |
| MW #2                              | 03/27/24    | 39.53               | "               | 3,340                | -                       | 7.76 | <b>1,210</b>  | ND            | 499                | <b>1,980</b>        |
| MW #2                              | 06/13/24    | 38.72               | "               | 4,020                | -                       | 6.43 | <b>826</b>    | ND            | 538                | <b>2,040</b>        |
| MW #2                              | 09/18/24    | 38.41               | "               | 391                  | -                       | 6.67 | <b>1,270</b>  | ND            | 318                | <b>1,440</b>        |
| MW #2                              | 12/11/24    | 38.75               | "               | 3,450                | -                       | 8.09 | <b>412</b>    | 19            | 192                | 592                 |
| MW #2                              | 03/26/25    | 38.07               | "               | 3,850                | -                       | 6.83 | <b>979</b>    | ND            | 124                | 268                 |
| MW #2                              | 06/18/25    | 38.34               | "               | 2,860                | -                       | 6.57 | <b>1,270</b>  | ND            | 30                 | 73                  |
| MW #2                              | 09/17/25    | 39.29               | "               | 2,370                | -                       | 6.95 | <b>1,170</b>  | ND            | 156                | 44                  |
| MW #2                              | 12/10/25    | 39.23               | "               | 2,320                | -                       | 7.38 | <b>1,240</b>  | 1             | 120                | 82                  |
| MW #3                              | 08/20/21    | dry                 | 38.73           | -                    | -                       | -    | -             | -             | -                  | -                   |
| MW #3                              | 12/08/21    | dry                 | "               | -                    | -                       | -    | -             | -             | -                  | -                   |
| <b>NMWQCC Groundwater Standard</b> |             |                     |                 |                      |                         | 6-9  | 5             | 1000          | 700                | 620                 |

| Sample Date                        | Well Name | Fluoride (mg/L) | Chloride (mg/L) | Sulfate (mg/L) | Nitrate (mg/L) | TDS (mg/L)   | Iron (mg/L) |
|------------------------------------|-----------|-----------------|-----------------|----------------|----------------|--------------|-------------|
| 06/19/13                           | MW #1     | 0.15            | 91              | <b>2,200</b>   | <0.10          | <b>3,880</b> | <b>2.3</b>  |
| <b>NMWQCC Groundwater Standard</b> |           | 1.6             | 250.0           | 600.0          | 10.0           | 1000.0       | 1.0         |

**Notes:**

TDS - Total Dissolved Solids

ft - feet

mg/L - milligrams per liter

umhos - microhms

ppb - parts per billion

"- " - Indicates no data

NMWQCC - New Mexico Water Quality Control Commission

Depth to water measured from top of well casing

**Bold** values exceed NMWQCC Standard



**ATTACHMENT 2**



75 Suttle Street  
Durango, CO 81303  
970.247.4220 Phone  
jeremy.allen@greenanalytical.com

08 April 2025

Kyle Siesser  
Cottonwood Consulting  
PO Box 1653  
Durango, CO 81302  
RE: Sandoval GC A #001

Enclosed are the results of analyses for samples received by the laboratory on 03/26/25 14:45. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, reading 'Jeremy D. Allen', is enclosed within a light blue rectangular border.

Report Station For Jeremy D Allen  
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C25-00079

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C24-00112

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
04/08/25 14:52

#### ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  | Notes |
|-----------|---------------|--------|----------------|----------------|-------|
| MW#2      | 2503246-01    | Water  | 03/26/25 11:05 | 03/26/25 14:45 |       |

Green Analytical Laboratories

A handwritten signature in black ink, reading 'Jeremy D. Allen', is displayed on a light blue rectangular background.

Report Station For Jeremy D Allen, Laboratory Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
04/08/25 14:52

## MW#2

2503246-01 (Ground Water)

Sampled Date: 03/26/25 11:05

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

### VOLATILES BY GC/MS

### PH-1

|                              |        |       |        |      |    |                |       |  |    |
|------------------------------|--------|-------|--------|------|----|----------------|-------|--|----|
| 1,1,1,2-Tetrachloroethane*   | <0.010 | 0.010 | 0.001  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,1,1-Trichloroethane*       | <0.010 | 0.010 | 0.001  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,1,2,2-Tetrachloroethane*   | <0.010 | 0.010 | 0.001  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,1,2-Trichloroethane*       | <0.010 | 0.010 | 0.001  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,1-Dichloroethane*          | <0.010 | 0.010 | 0.003  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,1-Dichloroethene*          | <0.010 | 0.010 | 0.004  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,1-Dichloropropene*         | <0.010 | 0.010 | 0.003  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,2,3-Trichlorobenzene*      | <0.010 | 0.010 | 0.005  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,2,4-Trichlorobenzene*      | <0.010 | 0.010 | 0.003  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,2,4-Trimethylbenzene*      | 0.228  | 0.010 | 0.0009 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,2-Dibromo-3-chloropropane* | <0.010 | 0.010 | 0.010  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,2-Dibromoethane*           | <0.010 | 0.010 | 0.002  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,2-Dichlorobenzene*         | <0.010 | 0.010 | 0.001  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,2-Dichloroethane*          | <0.010 | 0.010 | 0.001  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,2-Dichloropropane*         | <0.010 | 0.010 | 0.002  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,3,5-Trimethylbenzene*      | 0.044  | 0.010 | 0.0009 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,3-Dichlorobenzene*         | <0.010 | 0.010 | 0.001  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,3-Dichloropropane*         | <0.010 | 0.010 | 0.003  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,4-Dichlorobenzene          | <0.010 | 0.010 | 0.0007 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,4-Dioxane                  | <0.400 | 0.400 | 0.400  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 1,2,3-trichloropropane*      | <0.010 | 0.010 | 0.002  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 2,2-Dichloropropane*         | <0.010 | 0.010 | 0.010  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 2-Butanone*                  | <0.040 | 0.040 | 0.040  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 2-Chlorotoluene*             | <0.010 | 0.010 | 0.0008 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 2-Hexanone*                  | <0.020 | 0.020 | 0.006  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 4-Chlorotoluene*             | <0.010 | 0.010 | 0.0009 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| 4-Methyl-2-pentanone*        | <0.020 | 0.020 | 0.002  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Acetone*                     | <0.200 | 0.200 | 0.017  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
04/08/25 14:52

### MW#2

2503246-01 (Ground Water)

Sampled Date: 03/26/25 11:05

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

### VOLATILES BY GC/MS

PH-1

|                          |        |       |        |      |    |                |       |  |    |
|--------------------------|--------|-------|--------|------|----|----------------|-------|--|----|
| Acrolein*                | <0.100 | 0.100 | 0.022  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Acrylonitrile*           | <0.040 | 0.040 | 0.016  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Benzene*                 | 0.979  | 0.010 | 0.0009 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Bromobenzene*            | <0.010 | 0.010 | 0.001  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Bromochloromethane*      | <0.010 | 0.010 | 0.003  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Bromodichloromethane*    | <0.010 | 0.010 | 0.0008 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Bromoform*               | <0.010 | 0.010 | 0.002  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Bromomethane*            | <0.010 | 0.010 | 0.010  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Carbon disulfide*        | <0.020 | 0.020 | 0.003  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Carbon tetrachloride*    | <0.010 | 0.010 | 0.003  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Chlorobenzene*           | <0.010 | 0.010 | 0.0008 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Chloroethane*            | <0.010 | 0.010 | 0.010  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Chloroform*              | <0.010 | 0.010 | 0.0003 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Chloromethane*           | <0.010 | 0.010 | 0.010  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| cis-1,2-Dichloroethene*  | <0.010 | 0.010 | 0.005  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| cis-1,3-Dichloropropene* | <0.010 | 0.010 | 0.002  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Dibromochloromethane*    | <0.010 | 0.010 | 0.002  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Dibromomethane*          | <0.010 | 0.010 | 0.003  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Dichlorodifluoromethane* | <0.010 | 0.010 | 0.010  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Ethylbenzene*            | 0.124  | 0.010 | 0.0006 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Hexachlorobutadiene*     | <0.010 | 0.010 | 0.010  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Iodomethane              | <0.020 | 0.020 | 0.001  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Isopropylbenzene*        | 0.014  | 0.010 | 0.0004 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| m+p - Xylene*            | 0.268  | 0.020 | 0.002  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Methyl tert-butyl ether  | <0.020 | 0.020 | 0.005  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Methylene chloride*      | <0.010 | 0.010 | 0.010  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Naphthalene*             | 0.051  | 0.010 | 0.002  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| n-Butylbenzene*          | <0.010 | 0.010 | 0.001  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| n-Propylbenzene*         | 0.020  | 0.010 | 0.001  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| o-Xylene*                | <0.010 | 0.010 | 0.003  | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |
| p-Isopropyltoluene*      | 0.032  | 0.010 | 0.0009 | mg/L | 20 | 04/02/25 15:47 | 8260B |  | SK |

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
04/08/25 14:52

### MW#2

**2503246-01 (Ground Water)**

**Sampled Date: 03/26/25 11:05**

**Sampled By:**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

### VOLATILES BY GC/MS

**PH-1**

|                                 |              |       |        |          |    |                |       |  |    |
|---------------------------------|--------------|-------|--------|----------|----|----------------|-------|--|----|
| sec-Butylbenzene*               | <0.010       | 0.010 | 0.0009 | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Styrene*                        | <0.010       | 0.010 | 0.002  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| tert-Butylbenzene*              | <0.010       | 0.010 | 0.001  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Tetrachloroethene*              | <0.010       | 0.010 | 0.002  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Toluene*                        | <0.010       | 0.010 | 0.002  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Total Xylenes*                  | <b>0.268</b> | 0.020 | 0.004  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| trans-1,2-Dichloroethene*       | <0.010       | 0.010 | 0.003  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| trans-1,3-Dichloropropene*      | <0.010       | 0.010 | 0.001  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| trans-1,4-Dichloro-2-butene     | <0.200       | 0.200 | 0.006  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Trichloroethene*                | <0.010       | 0.010 | 0.003  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Trichlorofluoromethane*         | <0.010       | 0.010 | 0.003  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Vinyl acetate*                  | <0.010       | 0.010 | 0.010  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Vinyl chloride*                 | <0.010       | 0.010 | 0.010  | mg/L     | 20 | 04/02/25 15:47 | 8260B |  | SK |
| Surrogate: 4-Bromofluorobenzene |              |       | 103 %  | 76.4-114 |    | 04/02/25 15:47 | 8260B |  | SK |
| Surrogate: Dibromofluoromethane |              |       | 105 %  | 82.4-141 |    | 04/02/25 15:47 | 8260B |  | SK |
| Surrogate: Toluene-d8           |              |       | 98.3 % | 87.1-110 |    | 04/02/25 15:47 | 8260B |  | SK |

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
04/08/25 14:52

### VOLATILES BY GC/MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5040219 - Volatiles

#### Blank (5040219-BLK1)

Prepared & Analyzed: 04/02/25

|                             |    |        |      |
|-----------------------------|----|--------|------|
| 1,1,1,2-Tetrachloroethane   | ND | 0.0005 | mg/L |
| 1,1,1-Trichloroethane       | ND | 0.0005 | mg/L |
| 1,1,2,2-Tetrachloroethane   | ND | 0.0005 | mg/L |
| 1,1,2-Trichloroethane       | ND | 0.0005 | mg/L |
| 1,1-Dichloroethane          | ND | 0.0005 | mg/L |
| 1,1-Dichloroethene          | ND | 0.0005 | mg/L |
| 1,1-Dichloropropene         | ND | 0.0005 | mg/L |
| 1,2,3-Trichlorobenzene      | ND | 0.0005 | mg/L |
| 1,2,4-Trichlorobenzene      | ND | 0.0005 | mg/L |
| 1,2,4-Trimethylbenzene      | ND | 0.0005 | mg/L |
| 1,2-Dibromo-3-chloropropane | ND | 0.0005 | mg/L |
| 1,2-Dibromoethane           | ND | 0.0005 | mg/L |
| 1,2-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,2-Dichloroethane          | ND | 0.0005 | mg/L |
| 1,2-Dichloropropane         | ND | 0.0005 | mg/L |
| 1,3,5-Trimethylbenzene      | ND | 0.0005 | mg/L |
| 1,3-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,3-Dichloropropane         | ND | 0.0005 | mg/L |
| 1,4-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,4-Dioxane                 | ND | 0.020  | mg/L |
| 1,2,3-trichloropropane      | ND | 0.0005 | mg/L |
| 2,2-Dichloropropane         | ND | 0.0005 | mg/L |
| 2-Butanone                  | ND | 0.002  | mg/L |
| 2-Chlorotoluene             | ND | 0.0005 | mg/L |
| 2-Hexanone                  | ND | 0.001  | mg/L |

|                                        |        |        |      |        |      |          |
|----------------------------------------|--------|--------|------|--------|------|----------|
| <i>Surrogate: 4-Bromofluorobenzene</i> | 0.0232 |        | mg/L | 0.0250 | 93.0 | 76.4-114 |
| 4-Chlorotoluene                        | ND     | 0.0005 | mg/L |        |      |          |
| 4-Methyl-2-pentanone                   | ND     | 0.001  | mg/L |        |      |          |
| Acetone                                | ND     | 0.010  | mg/L |        |      |          |
| Acrolein                               | ND     | 0.005  | mg/L |        |      |          |
| Acrylonitrile                          | ND     | 0.002  | mg/L |        |      |          |
| Benzene                                | ND     | 0.0005 | mg/L |        |      |          |
| Bromobenzene                           | ND     | 0.0005 | mg/L |        |      |          |
| Bromochloromethane                     | ND     | 0.0005 | mg/L |        |      |          |
| Bromodichloromethane                   | ND     | 0.0005 | mg/L |        |      |          |
| Bromoform                              | ND     | 0.0005 | mg/L |        |      |          |

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
04/08/25 14:52

**VOLATILES BY GC/MS - Quality Control  
(Continued)**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch 5040219 - Volatiles (Continued)**

**Blank (5040219-BLK1) (Continued)**

Prepared & Analyzed: 04/02/25

|                         |    |        |      |  |  |  |  |  |  |  |
|-------------------------|----|--------|------|--|--|--|--|--|--|--|
| Bromomethane            | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Carbon disulfide        | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Carbon tetrachloride    | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chlorobenzene           | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chloroethane            | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chloroform              | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chloromethane           | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| cis-1,2-Dichloroethene  | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| cis-1,3-Dichloropropene | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Dibromochloromethane    | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |

*Surrogate: Dibromofluoromethane* 0.0256 mg/L 0.0250 103 82.4-141

|                         |    |        |      |  |  |  |  |  |  |  |
|-------------------------|----|--------|------|--|--|--|--|--|--|--|
| Dibromomethane          | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Dichlorodifluoromethane | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Ethylbenzene            | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Hexachlorobutadiene     | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Iodomethane             | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Isopropylbenzene        | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| m+p - Xylene            | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Methyl tert-butyl ether | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Methylene chloride      | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Naphthalene             | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| n-Butylbenzene          | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| n-Propylbenzene         | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| o-Xylene                | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| p-Isopropyltoluene      | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| sec-Butylbenzene        | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Styrene                 | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| tert-Butylbenzene       | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Tetrachloroethene       | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Toluene                 | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |

*Surrogate: Toluene-d8* 0.0246 mg/L 0.0250 98.2 87.1-110

|                             |    |        |      |  |  |  |  |  |  |  |
|-----------------------------|----|--------|------|--|--|--|--|--|--|--|
| Total Xylenes               | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| trans-1,2-Dichloroethene    | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| trans-1,3-Dichloropropene   | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| trans-1,4-Dichloro-2-butene | ND | 0.010  | mg/L |  |  |  |  |  |  |  |
| Trichloroethene             | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Trichlorofluoromethane      | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Vinyl acetate               | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Vinyl chloride              | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |

Green Analytical Laboratories

Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
04/08/25 14:52

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5040219 - Volatiles (Continued)

#### LCS (5040219-BS1)

Prepared & Analyzed: 04/02/25

|                                 |        |        |      |        |  |      |           |  |  |     |
|---------------------------------|--------|--------|------|--------|--|------|-----------|--|--|-----|
| 1,1,1,2-Tetrachloroethane       | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.9 | 82.4-120  |  |  |     |
| 1,1,1-Trichloroethane           | 0.021  | 0.0005 | mg/L | 0.0200 |  | 106  | 80.7-121  |  |  |     |
| 1,1,2,2-Tetrachloroethane       | 0.023  | 0.0005 | mg/L | 0.0200 |  | 116  | 76.5-121  |  |  |     |
| 1,1,2-Trichloroethane           | 0.022  | 0.0005 | mg/L | 0.0200 |  | 112  | 81.7-118  |  |  |     |
| 1,1-Dichloroethane              | 0.016  | 0.0005 | mg/L | 0.0200 |  | 82.2 | 74.8-123  |  |  |     |
| 1,1-Dichloroethene              | 0.016  | 0.0005 | mg/L | 0.0200 |  | 82.4 | 53.9-149  |  |  |     |
| 1,1-Dichloropropene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 98.1 | 85.9-115  |  |  |     |
| 1,2,3-Trichlorobenzene          | 0.021  | 0.0005 | mg/L | 0.0200 |  | 107  | 76.1-134  |  |  |     |
| 1,2,4-Trichlorobenzene          | 0.021  | 0.0005 | mg/L | 0.0200 |  | 106  | 72.4-136  |  |  |     |
| 1,2,4-Trimethylbenzene          | 0.020  | 0.0005 | mg/L | 0.0200 |  | 100  | 67.4-138  |  |  |     |
| 1,2-Dibromo-3-chloropropane     | 0.019  | 0.0005 | mg/L | 0.0200 |  | 93.9 | 71.7-124  |  |  |     |
| 1,2-Dibromoethane               | 0.022  | 0.0005 | mg/L | 0.0200 |  | 108  | 84.9-116  |  |  |     |
| 1,2-Dichlorobenzene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 100  | 82.5-119  |  |  |     |
| 1,2-Dichloroethane              | 0.021  | 0.0005 | mg/L | 0.0200 |  | 106  | 72.5-123  |  |  |     |
| 1,2-Dichloropropane             | 0.021  | 0.0005 | mg/L | 0.0200 |  | 104  | 79.4-117  |  |  |     |
| 1,3,5-Trimethylbenzene          | 0.021  | 0.0005 | mg/L | 0.0200 |  | 103  | 69-137    |  |  |     |
| 1,3-Dichlorobenzene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.4 | 84.4-120  |  |  |     |
| 1,3-Dichloropropane             | 0.023  | 0.0005 | mg/L | 0.0200 |  | 113  | 82.6-117  |  |  |     |
| 1,4-Dichlorobenzene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 100  | 81.7-118  |  |  |     |
| 1,4-Dioxane                     | 0.546  | 0.020  | mg/L | 0.400  |  | 136  | -34.6-193 |  |  |     |
| 1,2,3-trichloropropane          | 0.022  | 0.0005 | mg/L | 0.0200 |  | 109  | 44.7-168  |  |  |     |
| 2,2-Dichloropropane             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 96.9 | 62.9-136  |  |  |     |
| 2-Butanone                      | 0.048  | 0.002  | mg/L | 0.0400 |  | 121  | 24.1-159  |  |  |     |
| 2-Chlorotoluene                 | 0.021  | 0.0005 | mg/L | 0.0200 |  | 103  | 80.2-121  |  |  |     |
| 2-Hexanone                      | 0.057  | 0.001  | mg/L | 0.0400 |  | 143  | 56.3-139  |  |  | BS1 |
| Surrogate: 4-Bromofluorobenzene | 0.0255 |        | mg/L | 0.0250 |  | 102  | 76.4-114  |  |  |     |
| 4-Chlorotoluene                 | 0.021  | 0.0005 | mg/L | 0.0200 |  | 103  | 82.2-125  |  |  |     |
| 4-Methyl-2-pentanone            | 0.051  | 0.001  | mg/L | 0.0400 |  | 129  | 60.7-139  |  |  |     |
| Acetone                         | 0.057  | 0.010  | mg/L | 0.0400 |  | 143  | 39.1-168  |  |  |     |
| Acrolein                        | 0.148  | 0.005  | mg/L | 0.200  |  | 73.9 | 26.6-161  |  |  |     |
| Acrylonitrile                   | 0.037  | 0.002  | mg/L | 0.0400 |  | 93.1 | 64.9-135  |  |  |     |
| Benzene                         | 0.019  | 0.0005 | mg/L | 0.0200 |  | 97.4 | 69.4-129  |  |  |     |
| Bromobenzene                    | 0.020  | 0.0005 | mg/L | 0.0200 |  | 102  | 83.5-115  |  |  |     |
| Bromochloromethane              | 0.020  | 0.0005 | mg/L | 0.0200 |  | 102  | 70.7-123  |  |  |     |
| Bromodichloromethane            | 0.019  | 0.0005 | mg/L | 0.0200 |  | 97.2 | 80.3-119  |  |  |     |
| Bromoform                       | 0.020  | 0.0005 | mg/L | 0.0200 |  | 100  | 71.1-141  |  |  |     |
| Bromomethane                    | 0.016  | 0.0005 | mg/L | 0.0200 |  | 81.2 | 55.1-143  |  |  |     |
| Carbon disulfide                | 0.044  | 0.001  | mg/L | 0.0400 |  | 111  | 53.6-147  |  |  |     |
| Carbon tetrachloride            | 0.020  | 0.0005 | mg/L | 0.0200 |  | 101  | 79.5-125  |  |  |     |

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
04/08/25 14:52

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5040219 - Volatiles (Continued)

#### LCS (5040219-BS1) (Continued)

Prepared & Analyzed: 04/02/25

|                                        |               |        |      |               |  |            |                 |  |  |  |
|----------------------------------------|---------------|--------|------|---------------|--|------------|-----------------|--|--|--|
| Chlorobenzene                          | 0.020         | 0.0005 | mg/L | 0.0200        |  | 97.6       | 85.1-115        |  |  |  |
| Chloroethane                           | 0.017         | 0.0005 | mg/L | 0.0200        |  | 84.9       | 36.9-159        |  |  |  |
| Chloroform                             | 0.022         | 0.0005 | mg/L | 0.0200        |  | 112        | 80.9-119        |  |  |  |
| Chloromethane                          | 0.020         | 0.0005 | mg/L | 0.0200        |  | 97.9       | 54.2-142        |  |  |  |
| cis-1,2-Dichloroethene                 | 0.018         | 0.0005 | mg/L | 0.0200        |  | 88.8       | 73.8-128        |  |  |  |
| cis-1,3-Dichloropropene                | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.3       | 82.5-122        |  |  |  |
| Dibromochloromethane                   | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.1       | 83.1-124        |  |  |  |
| <i>Surrogate: Dibromofluoromethane</i> | <i>0.0261</i> |        | mg/L | <i>0.0250</i> |  | <i>104</i> | <i>82.4-141</i> |  |  |  |
| Dibromomethane                         | 0.020         | 0.0005 | mg/L | 0.0200        |  | 100        | 77-118          |  |  |  |
| Dichlorodifluoromethane                | 0.018         | 0.0005 | mg/L | 0.0200        |  | 89.0       | 38.7-147        |  |  |  |
| Ethylbenzene                           | 0.021         | 0.0005 | mg/L | 0.0200        |  | 105        | 70.2-130        |  |  |  |
| Hexachlorobutadiene                    | 0.021         | 0.0005 | mg/L | 0.0200        |  | 107        | 78.9-148        |  |  |  |
| Iodomethane                            | 0.040         | 0.001  | mg/L | 0.0400        |  | 100        | 63.5-135        |  |  |  |
| Isopropylbenzene                       | 0.019         | 0.0005 | mg/L | 0.0200        |  | 94.0       | 85-124          |  |  |  |
| m+p - Xylene                           | 0.042         | 0.001  | mg/L | 0.0400        |  | 106        | 71.9-133        |  |  |  |
| Methyl tert-butyl ether                | 0.048         | 0.001  | mg/L | 0.0400        |  | 120        | 57.7-137        |  |  |  |
| Methylene chloride                     | 0.017         | 0.0005 | mg/L | 0.0200        |  | 86.2       | 49.3-163        |  |  |  |
| Naphthalene                            | 0.021         | 0.0005 | mg/L | 0.0200        |  | 105        | 62.1-141        |  |  |  |
| n-Butylbenzene                         | 0.021         | 0.0005 | mg/L | 0.0200        |  | 104        | 75.4-132        |  |  |  |
| n-Propylbenzene                        | 0.021         | 0.0005 | mg/L | 0.0200        |  | 105        | 79.6-124        |  |  |  |
| o-Xylene                               | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.6       | 69.4-132        |  |  |  |
| p-Isopropyltoluene                     | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.5       | 79.8-131        |  |  |  |
| sec-Butylbenzene                       | 0.022         | 0.0005 | mg/L | 0.0200        |  | 109        | 77.6-133        |  |  |  |
| Styrene                                | 0.019         | 0.0005 | mg/L | 0.0200        |  | 97.4       | 71.7-128        |  |  |  |
| tert-Butylbenzene                      | 0.021         | 0.0005 | mg/L | 0.0200        |  | 104        | 78.8-128        |  |  |  |
| Tetrachloroethene                      | 0.019         | 0.0005 | mg/L | 0.0200        |  | 96.4       | 74.2-128        |  |  |  |
| Toluene                                | 0.021         | 0.0005 | mg/L | 0.0200        |  | 104        | 68.1-127        |  |  |  |
| <i>Surrogate: Toluene-d8</i>           | <i>0.0257</i> |        | mg/L | <i>0.0250</i> |  | <i>103</i> | <i>87.1-110</i> |  |  |  |
| Total Xylenes                          | 0.062         | 0.001  | mg/L | 0.0600        |  | 104        | 71.6-132        |  |  |  |
| trans-1,2-Dichloroethene               | 0.021         | 0.0005 | mg/L | 0.0200        |  | 103        | 65.2-133        |  |  |  |
| trans-1,3-Dichloropropene              | 0.021         | 0.0005 | mg/L | 0.0200        |  | 105        | 84-123          |  |  |  |
| trans-1,4-Dichloro-2-butene            | 0.046         | 0.010  | mg/L | 0.0400        |  | 115        | 9.3-235         |  |  |  |
| Trichloroethene                        | 0.020         | 0.0005 | mg/L | 0.0200        |  | 102        | 79.3-114        |  |  |  |
| Trichlorofluoromethane                 | 0.017         | 0.0005 | mg/L | 0.0200        |  | 85.4       | 28.6-162        |  |  |  |
| Vinyl acetate                          | 0.018         | 0.0005 | mg/L | 0.0200        |  | 88.6       | 50.9-135        |  |  |  |
| Vinyl chloride                         | 0.017         | 0.0005 | mg/L | 0.0200        |  | 86.4       | 61.6-133        |  |  |  |

#### LCS Dup (5040219-BSD1)

Prepared & Analyzed: 04/02/25

|                           |       |        |      |        |  |      |          |       |      |  |
|---------------------------|-------|--------|------|--------|--|------|----------|-------|------|--|
| 1,1,1,2-Tetrachloroethane | 0.020 | 0.0005 | mg/L | 0.0200 |  | 99.2 | 82.4-120 | 0.754 | 6.88 |  |
|---------------------------|-------|--------|------|--------|--|------|----------|-------|------|--|

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
04/08/25 14:52

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5040219 - Volatiles (Continued)

#### LCS Dup (5040219-BSD1) (Continued)

Prepared & Analyzed: 04/02/25

|                                        |               |        |      |               |  |            |                 |       |      |       |
|----------------------------------------|---------------|--------|------|---------------|--|------------|-----------------|-------|------|-------|
| 1,1,1-Trichloroethane                  | 0.021         | 0.0005 | mg/L | 0.0200        |  | 103        | 80.7-121        | 2.77  | 7.43 |       |
| 1,1,2,2-Tetrachloroethane              | 0.024         | 0.0005 | mg/L | 0.0200        |  | 118        | 76.5-121        | 1.50  | 8.68 |       |
| 1,1,2-Trichloroethane                  | 0.022         | 0.0005 | mg/L | 0.0200        |  | 110        | 81.7-118        | 0.991 | 6.82 |       |
| 1,1-Dichloroethane                     | 0.019         | 0.0005 | mg/L | 0.0200        |  | 96.7       | 74.8-123        | 16.3  | 4.3  | QR-02 |
| 1,1-Dichloroethene                     | 0.021         | 0.0005 | mg/L | 0.0200        |  | 104        | 53.9-149        | 23.6  | 16.5 | QR-02 |
| 1,1-Dichloropropene                    | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.0       | 85.9-115        | 8.61  | 5.47 | QR-02 |
| 1,2,3-Trichlorobenzene                 | 0.019         | 0.0005 | mg/L | 0.0200        |  | 96.9       | 76.1-134        | 9.63  | 43   |       |
| 1,2,4-Trichlorobenzene                 | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.7       | 72.4-136        | 9.79  | 22.3 |       |
| 1,2,4-Trimethylbenzene                 | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.1       | 67.4-138        | 2.07  | 8.94 |       |
| 1,2-Dibromo-3-chloropropane            | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.1       | 71.7-124        | 4.32  | 15.1 |       |
| 1,2-Dibromoethane                      | 0.021         | 0.0005 | mg/L | 0.0200        |  | 107        | 84.9-116        | 0.559 | 5.83 |       |
| 1,2-Dichlorobenzene                    | 0.019         | 0.0005 | mg/L | 0.0200        |  | 96.4       | 82.5-119        | 3.77  | 8.72 |       |
| 1,2-Dichloroethane                     | 0.020         | 0.0005 | mg/L | 0.0200        |  | 102        | 72.5-123        | 3.74  | 8.94 |       |
| 1,2-Dichloropropane                    | 0.022         | 0.0005 | mg/L | 0.0200        |  | 111        | 79.4-117        | 6.00  | 5.51 | QR-02 |
| 1,3,5-Trimethylbenzene                 | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.2       | 69-137          | 4.87  | 16.5 |       |
| 1,3-Dichlorobenzene                    | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.3       | 84.4-120        | 4.26  | 9    |       |
| 1,3-Dichloropropane                    | 0.021         | 0.0005 | mg/L | 0.0200        |  | 105        | 82.6-117        | 7.53  | 6.06 | QR-02 |
| 1,4-Dichlorobenzene                    | 0.021         | 0.0005 | mg/L | 0.0200        |  | 103        | 81.7-118        | 3.04  | 7.71 |       |
| 1,4-Dioxane                            | 0.566         | 0.020  | mg/L | 0.400         |  | 141        | -34.6-193       | 3.62  | 35.2 |       |
| 1,2,3-trichloropropane                 | 0.021         | 0.0005 | mg/L | 0.0200        |  | 103        | 44.7-168        | 5.54  | 49.2 |       |
| 2,2-Dichloropropane                    | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.5       | 62.9-136        | 2.65  | 9.62 |       |
| 2-Butanone                             | 0.050         | 0.002  | mg/L | 0.0400        |  | 124        | 24.1-159        | 2.68  | 14.2 |       |
| 2-Chlorotoluene                        | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101        | 80.2-121        | 1.87  | 8.62 |       |
| 2-Hexanone                             | 0.059         | 0.001  | mg/L | 0.0400        |  | 148        | 56.3-139        | 3.18  | 7.28 | BS1   |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>0.0256</i> |        | mg/L | <i>0.0250</i> |  | <i>102</i> | <i>76.4-114</i> |       |      |       |
| 4-Chlorotoluene                        | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101        | 82.2-125        | 1.71  | 15.5 |       |
| 4-Methyl-2-pentanone                   | 0.055         | 0.001  | mg/L | 0.0400        |  | 138        | 60.7-139        | 7.03  | 7.57 |       |
| Acetone                                | 0.057         | 0.010  | mg/L | 0.0400        |  | 142        | 39.1-168        | 0.664 | 30.5 |       |
| Acrolein                               | 0.196         | 0.005  | mg/L | 0.200         |  | 98.2       | 26.6-161        | 28.3  | 22.4 | QR-02 |
| Acrylonitrile                          | 0.047         | 0.002  | mg/L | 0.0400        |  | 117        | 64.9-135        | 23.0  | 7.62 | QR-02 |
| Benzene                                | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.2       | 69.4-129        | 4.46  | 4.16 | QR-02 |
| Bromobenzene                           | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101        | 83.5-115        | 1.09  | 8.41 |       |
| Bromochloromethane                     | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101        | 70.7-123        | 0.791 | 5.16 |       |
| Bromodichloromethane                   | 0.024         | 0.0005 | mg/L | 0.0200        |  | 119        | 80.3-119        | 20.0  | 5.36 | QR-02 |
| Bromoform                              | 0.020         | 0.0005 | mg/L | 0.0200        |  | 100        | 71.1-141        | 0.399 | 14.1 |       |
| Bromomethane                           | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.4       | 55.1-143        | 14.0  | 21.5 |       |
| Carbon disulfide                       | 0.055         | 0.001  | mg/L | 0.0400        |  | 137        | 53.6-147        | 21.1  | 20.3 | QR-02 |
| Carbon tetrachloride                   | 0.020         | 0.0005 | mg/L | 0.0200        |  | 97.5       | 79.5-125        | 3.43  | 11.4 |       |
| Chlorobenzene                          | 0.019         | 0.0005 | mg/L | 0.0200        |  | 96.3       | 85.1-115        | 1.29  | 5.18 |       |

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
04/08/25 14:52

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5040219 - Volatiles (Continued)

#### LCS Dup (5040219-BSD1) (Continued)

Prepared & Analyzed: 04/02/25

|                                        |               |        |      |               |  |             |                 |       |      |       |
|----------------------------------------|---------------|--------|------|---------------|--|-------------|-----------------|-------|------|-------|
| Chloroethane                           | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.4        | 36.9-159        | 15.7  | 24.1 |       |
| Chloroform                             | 0.021         | 0.0005 | mg/L | 0.0200        |  | 107         | 80.9-119        | 4.74  | 5.15 |       |
| Chloromethane                          | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101         | 54.2-142        | 3.17  | 27   |       |
| cis-1,2-Dichloroethene                 | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.6        | 73.8-128        | 7.32  | 5.73 | QR-02 |
| cis-1,3-Dichloropropene                | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101         | 82.5-122        | 11.4  | 6.09 | QR-02 |
| Dibromochloromethane                   | 0.020         | 0.0005 | mg/L | 0.0200        |  | 97.8        | 83.1-124        | 0.204 | 7.24 |       |
| <i>Surrogate: Dibromofluoromethane</i> | <i>0.0249</i> |        | mg/L | <i>0.0250</i> |  | <i>99.5</i> | <i>82.4-141</i> |       |      |       |
| Dibromomethane                         | 0.022         | 0.0005 | mg/L | 0.0200        |  | 112         | 77-118          | 10.7  | 5.75 | QR-02 |
| Dichlorodifluoromethane                | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.8        | 38.7-147        | 7.41  | 22.6 |       |
| Ethylbenzene                           | 0.020         | 0.0005 | mg/L | 0.0200        |  | 102         | 70.2-130        | 2.90  | 4.83 |       |
| Hexachlorobutadiene                    | 0.019         | 0.0005 | mg/L | 0.0200        |  | 94.8        | 78.9-148        | 11.9  | 18.4 |       |
| Iodomethane                            | 0.050         | 0.001  | mg/L | 0.0400        |  | 124         | 63.5-135        | 21.6  | 24.3 |       |
| Isopropylbenzene                       | 0.018         | 0.0005 | mg/L | 0.0200        |  | 89.3        | 85-124          | 5.08  | 6.25 |       |
| m+p - Xylene                           | 0.041         | 0.001  | mg/L | 0.0400        |  | 102         | 71.9-133        | 3.15  | 5.77 |       |
| Methyl tert-butyl ether                | 0.049         | 0.001  | mg/L | 0.0400        |  | 123         | 57.7-137        | 2.97  | 12.8 |       |
| Methylene chloride                     | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101         | 49.3-163        | 15.3  | 19.7 |       |
| Naphthalene                            | 0.021         | 0.0005 | mg/L | 0.0200        |  | 106         | 62.1-141        | 1.04  | 33.5 |       |
| n-Butylbenzene                         | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.2        | 75.4-132        | 8.98  | 10.1 |       |
| n-Propylbenzene                        | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.9        | 79.6-124        | 4.69  | 9.09 |       |
| o-Xylene                               | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.1        | 69.4-132        | 4.62  | 6.29 |       |
| p-Isopropyltoluene                     | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.0        | 79.8-131        | 0.453 | 9.26 |       |
| sec-Butylbenzene                       | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101         | 77.6-133        | 7.86  | 9.85 |       |
| Styrene                                | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.6        | 71.7-128        | 4.03  | 7.55 |       |
| tert-Butylbenzene                      | 0.020         | 0.0005 | mg/L | 0.0200        |  | 102         | 78.8-128        | 1.99  | 18.6 |       |
| Tetrachloroethene                      | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.0        | 74.2-128        | 1.36  | 6.38 |       |
| Toluene                                | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.3        | 68.1-127        | 5.39  | 5.67 |       |
| <i>Surrogate: Toluene-d8</i>           | <i>0.0252</i> |        | mg/L | <i>0.0250</i> |  | <i>101</i>  | <i>87.1-110</i> |       |      |       |
| Total Xylenes                          | 0.060         | 0.001  | mg/L | 0.0600        |  | 99.9        | 71.6-132        | 3.62  | 5.83 |       |
| trans-1,2-Dichloroethene               | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.9        | 65.2-133        | 6.80  | 19.1 |       |
| trans-1,3-Dichloropropene              | 0.020         | 0.0005 | mg/L | 0.0200        |  | 100         | 84-123          | 4.38  | 6.26 |       |
| trans-1,4-Dichloro-2-butene            | 0.017         | 0.010  | mg/L | 0.0400        |  | 43.2        | 9.3-235         | 90.4  | 92.8 |       |
| Trichloroethene                        | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.5        | 79.3-114        | 2.97  | 4.92 |       |
| Trichlorofluoromethane                 | 0.022         | 0.0005 | mg/L | 0.0200        |  | 111         | 28.6-162        | 26.3  | 19.8 | QR-02 |
| Vinyl acetate                          | 0.024         | 0.0005 | mg/L | 0.0200        |  | 120         | 50.9-135        | 30.3  | 7.84 | QR-02 |
| Vinyl chloride                         | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.1        | 61.6-133        | 9.59  | 23   |       |

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
04/08/25 14:52

### Notes and Definitions

|       |                                                                                                                                                                                                         |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| PH-1  | Insufficient preservative to reduce the sample pH to less than 2. Sample was analyzed within 7 days recommended for volatile analysis without preservative.                                             |
| BS1   | Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.                                                                                                 |
| DET   | Analyte DETECTED                                                                                                                                                                                        |
| ND    | Analyte NOT DETECTED at or above the reporting limit                                                                                                                                                    |
| NR    | Not Reported                                                                                                                                                                                            |
| dry   | Sample results reported on a dry weight basis<br>*Results reported on as received basis unless designated as dry.                                                                                       |
| RPD   | Relative Percent Difference                                                                                                                                                                             |
| LCS   | Laboratory Control Sample (Blank Spike)                                                                                                                                                                 |
| RL    | Report Limit                                                                                                                                                                                            |
| MDL   | Method Detection Limit                                                                                                                                                                                  |

Green Analytical Laboratories

A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
04/08/25 14:52

### Qualifier Summary

| LabNumber    | Analysis      | Analyte                | Qualifier | TextBody                                                                                                                                                                                                |
|--------------|---------------|------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5040219-BS1  | Volatile 8260 | 2-Hexanone             | BS1       | Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.                                                                                                 |
| 5040219-BSD1 | Volatile 8260 | 1,1-Dichloroethane     | QR-02     | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | 1,1-Dichloroethene     | QR-02     | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | 1,1-Dichloropropene    | QR-02     | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | 1,2-Dichloropropane    | QR-02     | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | 1,3-Dichloropropane    | QR-02     | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | 2-Hexanone             | BS1       | Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.                                                                                                 |
| 5040219-BSD1 | Volatile 8260 | Acrolein               | QR-02     | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | Acrylonitrile          | QR-02     | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | Benzene                | QR-02     | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | Bromodichloromethane   | QR-02     | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | Carbon disulfide       | QR-02     | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | cis-1,2-Dichloroethene | QR-02     | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |

Green Analytical Laboratories

Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260

Project Name / Number: Sandoval GC A #001

Project Manager: Kyle Siesser

**Reported:**

04/08/25 14:52

|              |               |                         |       |                                                                                                                                                                                                         |
|--------------|---------------|-------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5040219-BSD1 | Volatile 8260 | cis-1,3-Dichloropropene | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | Dibromomethane          | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | Trichlorofluoromethane  | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5040219-BSD1 | Volatile 8260 | Vinyl acetate           | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 2503246-01   | Volatile 8260 |                         | PH-1  | Insufficient preservative to reduce the sample pH to less than 2. Sample was analyzed within 7 days recommended for volatile analysis without preservative.                                             |

Green Analytical Laboratories

A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Report Station For Jeremy D Allen, Laboratory Director

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**75 Suttle Street  
Durango, CO 81303  
(970) 247-4220**

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**  
FORM-006, R 8.0

**Note:** Write-Out™ or similar products cannot be used on the Chain of Custody

[illegible]



## SAMPLE CONDITION RECEIPT FORM

Date/Initials of person examining contents: 3-26-15  
[Signature]Labeled by initials: \_\_\_\_\_  
(if different than above)Client Name: CottonwoodWork Order # 2503-246Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Kangaroo ☐ Third Party ☐ OtherCustody Seals on Box/Cooler Present: ☐ Yes ☒ No Seals Intact: ☐ Yes ☐ No GAL Cooler #: \_\_\_\_\_Thermometer Used: #2 Samples on ice, cooling process has begun: ☒ Yes ☐ NoType of Ice: ☒ Wet ☐ Blue ☐ None Cooler Temp: Observed Temp: 10.1 °C Correction Factor: +1.2 °C Final Temp: 18.3 °C

\*Temp should be above freezing 6°C

Compliance: ☐ Yes ☒ No

|                                                                                  |                                                                                                  |     |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|
| Chain of Custody Filled Out:                                                     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 1.  |
| COC Signed when Relinquished and Received:                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 2.  |
| Sampler Name and Signature on COC:<br>*Required for compliance                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 3.  |
| Samples arrived within hold time:                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 4.  |
| Correct Containers Used & Intact:                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 5.  |
| Short Hold Time Analysis (<72hr):                                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 6.  |
| Rush Turn Around Time Requested:                                                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 7.  |
| Sufficient Volume:                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 8.  |
| pH's acceptable upon receipt, where applicable:<br>*Not including metals bottles | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 9.  |
| Dissolved Testing Needed:                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 10. |
| Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No         |                                                                                                  |     |
| Sample Labels match COC:<br>-Includes Date/Time/ID                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 11. |
| Matrix:                                                                          | <input checked="" type="checkbox"/> WT <input type="checkbox"/> SL <input type="checkbox"/> OT   |     |
| Trip Blank Present:                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 12. |
| Trip Blank Custody Seals Present:                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |     |
| VOA's meet headspace requirement (<6mm bubbles)                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |     |
| Non-Conformance(s):                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 13. |

Client Notification/Resolution:

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/Resolution: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



75 Suttle Street  
Durango, CO 81303  
970.247.4220 Phone  
jeremy.allen@greenanalytical.com

30 June 2025

Kyle Siesser  
Cottonwood Consulting  
PO Box 1653  
Durango, CO 81302  
RE: Sandoval GC A #001

Enclosed are the results of analyses for samples received by the laboratory on 06/18/25 15:31. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Jeremy D. Allen'. The signature is written in a cursive style and is enclosed within a light blue rectangular border.

Report Station For Jeremy D Allen  
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C25-00079

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C25-00101

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
06/30/25 17:34

### ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  | Notes |
|-----------|---------------|--------|----------------|----------------|-------|
| MW #2     | 2506253-01    | Water  | 06/18/25 12:30 | 06/18/25 15:31 |       |

Green Analytical Laboratories

A handwritten signature in blue ink, reading 'Jeremy D. Allen', is displayed on a light blue rectangular background.

Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
06/30/25 17:34

## MW #2

2506253-01 (Ground Water)

Sampled Date: 06/18/25 12:30

Sampled By: Kelsey O'brien/Joseph Lafortune

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

### VOLATILES BY GC/MS

|                              |        |       |        |      |    |                |       | PH |
|------------------------------|--------|-------|--------|------|----|----------------|-------|----|
| 1,1,1,2-Tetrachloroethane*   | <0.010 | 0.010 | 0.001  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,1,1-Trichloroethane*       | <0.010 | 0.010 | 0.001  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,1,2,2-Tetrachloroethane*   | <0.010 | 0.010 | 0.001  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,1,2-Trichloroethane*       | <0.010 | 0.010 | 0.001  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,1-Dichloroethane*          | <0.010 | 0.010 | 0.003  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,1-Dichloroethene*          | <0.010 | 0.010 | 0.004  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,1-Dichloropropene*         | <0.010 | 0.010 | 0.003  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,2,3-Trichlorobenzene*      | <0.010 | 0.010 | 0.005  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,2,4-Trichlorobenzene*      | <0.010 | 0.010 | 0.003  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,2,4-Trimethylbenzene*      | 0.084  | 0.010 | 0.0009 | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,2-Dibromo-3-chloropropane* | <0.010 | 0.010 | 0.010  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,2-Dibromoethane*           | <0.010 | 0.010 | 0.002  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,2-Dichlorobenzene*         | <0.010 | 0.010 | 0.001  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,2-Dichloroethane*          | <0.010 | 0.010 | 0.001  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,2-Dichloropropane*         | <0.010 | 0.010 | 0.002  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,3,5-Trimethylbenzene*      | 0.010  | 0.010 | 0.0009 | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,3-Dichlorobenzene*         | <0.010 | 0.010 | 0.001  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,3-Dichloropropane*         | <0.010 | 0.010 | 0.003  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,4-Dichlorobenzene          | <0.010 | 0.010 | 0.0007 | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,4-Dioxane                  | <0.400 | 0.400 | 0.400  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 1,2,3-trichloropropane*      | <0.010 | 0.010 | 0.002  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 2,2-Dichloropropane*         | <0.010 | 0.010 | 0.010  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 2-Butanone*                  | <0.040 | 0.040 | 0.040  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 2-Chlorotoluene*             | <0.010 | 0.010 | 0.0008 | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 2-Hexanone*                  | <0.020 | 0.020 | 0.006  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 4-Chlorotoluene*             | <0.010 | 0.010 | 0.0009 | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| 4-Methyl-2-pentanone*        | <0.020 | 0.020 | 0.002  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |
| Acetone*                     | <0.200 | 0.200 | 0.017  | mg/L | 20 | 06/26/25 20:56 | 8260B | SK |

Green Analytical Laboratories

Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
06/30/25 17:34

### MW #2

2506253-01 (Ground Water)

Sampled Date: 06/18/25 12:30

Sampled By: Kelsey O'brien/Joseph Lafortune

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

### VOLATILES BY GC/MS

|                          |        |       |        |      |    |                |       |  | PH |
|--------------------------|--------|-------|--------|------|----|----------------|-------|--|----|
| Acrolein*                | <0.100 | 0.100 | 0.022  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Acrylonitrile*           | <0.040 | 0.040 | 0.016  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Benzene*                 | 1.27   | 0.010 | 0.0009 | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Bromobenzene*            | <0.010 | 0.010 | 0.001  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Bromochloromethane*      | <0.010 | 0.010 | 0.003  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Bromodichloromethane*    | <0.010 | 0.010 | 0.0008 | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Bromoform*               | <0.010 | 0.010 | 0.002  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Bromomethane*            | <0.010 | 0.010 | 0.010  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Carbon disulfide*        | 0.025  | 0.020 | 0.003  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Carbon tetrachloride*    | <0.010 | 0.010 | 0.003  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Chlorobenzene*           | <0.010 | 0.010 | 0.0008 | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Chloroethane*            | <0.010 | 0.010 | 0.010  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Chloroform*              | <0.010 | 0.010 | 0.0003 | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Chloromethane*           | <0.010 | 0.010 | 0.010  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| cis-1,2-Dichloroethene*  | <0.010 | 0.010 | 0.005  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| cis-1,3-Dichloropropene* | <0.010 | 0.010 | 0.002  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Dibromochloromethane*    | <0.010 | 0.010 | 0.002  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Dibromomethane*          | <0.010 | 0.010 | 0.003  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Dichlorodifluoromethane* | <0.010 | 0.010 | 0.010  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Ethylbenzene*            | 0.030  | 0.010 | 0.0006 | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Hexachlorobutadiene*     | <0.010 | 0.010 | 0.010  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Iodomethane              | <0.020 | 0.020 | 0.001  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Isopropylbenzene*        | <0.010 | 0.010 | 0.0004 | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| m+p - Xylene*            | 0.063  | 0.020 | 0.002  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Methyl tert-butyl ether  | <0.020 | 0.020 | 0.005  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Methylene chloride*      | <0.010 | 0.010 | 0.010  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Naphthalene*             | 0.017  | 0.010 | 0.002  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| n-Butylbenzene*          | <0.010 | 0.010 | 0.001  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| n-Propylbenzene*         | <0.010 | 0.010 | 0.001  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| o-Xylene*                | 0.010  | 0.010 | 0.003  | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |
| p-Isopropyltoluene*      | <0.010 | 0.010 | 0.0009 | mg/L | 20 | 06/26/25 20:56 | 8260B |  | SK |

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
06/30/25 17:34

### MW #2

**2506253-01 (Ground Water)**

**Sampled Date: 06/18/25 12:30**

**Sampled By: Kelsey O'brien/Joseph Lafortune**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

### VOLATILES BY GC/MS

|                                 |              |       |        |          |    |                |       |  | PH |
|---------------------------------|--------------|-------|--------|----------|----|----------------|-------|--|----|
| sec-Butylbenzene*               | <0.010       | 0.010 | 0.0009 | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Styrene*                        | <0.010       | 0.010 | 0.002  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| tert-Butylbenzene*              | <0.010       | 0.010 | 0.001  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Tetrachloroethene*              | <0.010       | 0.010 | 0.002  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Toluene*                        | <0.010       | 0.010 | 0.002  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Total Xylenes*                  | <b>0.073</b> | 0.020 | 0.004  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| trans-1,2-Dichloroethene*       | <0.010       | 0.010 | 0.003  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| trans-1,3-Dichloropropene*      | <0.010       | 0.010 | 0.001  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| trans-1,4-Dichloro-2-butene     | <0.200       | 0.200 | 0.006  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Trichloroethene*                | <0.010       | 0.010 | 0.003  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Trichlorofluoromethane*         | <0.010       | 0.010 | 0.003  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Vinyl acetate*                  | <0.010       | 0.010 | 0.010  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Vinyl chloride*                 | <0.010       | 0.010 | 0.010  | mg/L     | 20 | 06/26/25 20:56 | 8260B |  | SK |
| Surrogate: 4-Bromofluorobenzene |              |       | 89.9 % | 76.4-114 |    | 06/26/25 20:56 | 8260B |  | SK |
| Surrogate: Dibromofluoromethane |              |       | 98.7 % | 82.4-141 |    | 06/26/25 20:56 | 8260B |  | SK |
| Surrogate: Toluene-d8           |              |       | 95.5 % | 87.1-110 |    | 06/26/25 20:56 | 8260B |  | SK |

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
06/30/25 17:34

### VOLATILES BY GC/MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5062409 - Volatiles

#### Blank (5062409-BLK1)

Prepared & Analyzed: 06/24/25

|                             |    |        |      |
|-----------------------------|----|--------|------|
| 1,1,1,2-Tetrachloroethane   | ND | 0.0005 | mg/L |
| 1,1,1-Trichloroethane       | ND | 0.0005 | mg/L |
| 1,1,2,2-Tetrachloroethane   | ND | 0.0005 | mg/L |
| 1,1,2-Trichloroethane       | ND | 0.0005 | mg/L |
| 1,1-Dichloroethane          | ND | 0.0005 | mg/L |
| 1,1-Dichloroethene          | ND | 0.0005 | mg/L |
| 1,1-Dichloropropene         | ND | 0.0005 | mg/L |
| 1,2,3-Trichlorobenzene      | ND | 0.0005 | mg/L |
| 1,2,4-Trichlorobenzene      | ND | 0.0005 | mg/L |
| 1,2,4-Trimethylbenzene      | ND | 0.0005 | mg/L |
| 1,2-Dibromo-3-chloropropane | ND | 0.0005 | mg/L |
| 1,2-Dibromoethane           | ND | 0.0005 | mg/L |
| 1,2-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,2-Dichloroethane          | ND | 0.0005 | mg/L |
| 1,2-Dichloropropane         | ND | 0.0005 | mg/L |
| 1,3,5-Trimethylbenzene      | ND | 0.0005 | mg/L |
| 1,3-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,3-Dichloropropane         | ND | 0.0005 | mg/L |
| 1,4-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,4-Dioxane                 | ND | 0.020  | mg/L |
| 1,2,3-trichloropropane      | ND | 0.0005 | mg/L |
| 2,2-Dichloropropane         | ND | 0.0005 | mg/L |
| 2-Butanone                  | ND | 0.002  | mg/L |
| 2-Chlorotoluene             | ND | 0.0005 | mg/L |
| 2-Hexanone                  | ND | 0.001  | mg/L |

|                                 |        |        |      |        |      |          |
|---------------------------------|--------|--------|------|--------|------|----------|
| Surrogate: 4-Bromofluorobenzene | 0.0488 |        | mg/L | 0.0500 | 97.6 | 76.4-114 |
| 4-Chlorotoluene                 | ND     | 0.0005 | mg/L |        |      |          |
| 4-Methyl-2-pentanone            | ND     | 0.001  | mg/L |        |      |          |
| Acetone                         | ND     | 0.010  | mg/L |        |      |          |
| Acrolein                        | ND     | 0.005  | mg/L |        |      |          |
| Acrylonitrile                   | ND     | 0.002  | mg/L |        |      |          |
| Benzene                         | ND     | 0.0005 | mg/L |        |      |          |
| Bromobenzene                    | ND     | 0.0005 | mg/L |        |      |          |
| Bromochloromethane              | ND     | 0.0005 | mg/L |        |      |          |
| Bromodichloromethane            | ND     | 0.0005 | mg/L |        |      |          |
| Bromoform                       | ND     | 0.0005 | mg/L |        |      |          |

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
06/30/25 17:34

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5062409 - Volatiles (Continued)

#### Blank (5062409-BLK1) (Continued)

Prepared & Analyzed: 06/24/25

|                         |    |        |      |  |  |  |  |  |  |  |
|-------------------------|----|--------|------|--|--|--|--|--|--|--|
| Bromomethane            | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Carbon disulfide        | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Carbon tetrachloride    | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chlorobenzene           | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chloroethane            | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chloroform              | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chloromethane           | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| cis-1,2-Dichloroethene  | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| cis-1,3-Dichloropropene | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Dibromochloromethane    | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |

*Surrogate: Dibromofluoromethane* 0.0521 mg/L 0.0500 104 82.4-141

|                         |    |        |      |  |  |  |  |  |  |  |
|-------------------------|----|--------|------|--|--|--|--|--|--|--|
| Dibromomethane          | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Dichlorodifluoromethane | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Ethylbenzene            | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Hexachlorobutadiene     | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Iodomethane             | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Isopropylbenzene        | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| m+p - Xylene            | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Methyl tert-butyl ether | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Methylene chloride      | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Naphthalene             | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| n-Butylbenzene          | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| n-Propylbenzene         | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| o-Xylene                | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| p-Isopropyltoluene      | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| sec-Butylbenzene        | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Styrene                 | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| tert-Butylbenzene       | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Tetrachloroethene       | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Toluene                 | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |

*Surrogate: Toluene-d8* 0.0485 mg/L 0.0500 97.0 87.1-110

|                             |    |        |      |  |  |  |  |  |  |  |
|-----------------------------|----|--------|------|--|--|--|--|--|--|--|
| Total Xylenes               | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| trans-1,2-Dichloroethene    | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| trans-1,3-Dichloropropene   | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| trans-1,4-Dichloro-2-butene | ND | 0.010  | mg/L |  |  |  |  |  |  |  |
| Trichloroethene             | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Trichlorofluoromethane      | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Vinyl acetate               | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Vinyl chloride              | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
06/30/25 17:34

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5062409 - Volatiles (Continued)

#### LCS (5062409-BS1)

Prepared & Analyzed: 06/24/25

|                                 |        |        |      |        |  |      |           |  |  |      |
|---------------------------------|--------|--------|------|--------|--|------|-----------|--|--|------|
| 1,1,1,2-Tetrachloroethane       | 0.019  | 0.0005 | mg/L | 0.0200 |  | 92.6 | 82.4-120  |  |  |      |
| 1,1,1-Trichloroethane           | 0.018  | 0.0005 | mg/L | 0.0200 |  | 89.1 | 80.7-121  |  |  |      |
| 1,1,2,2-Tetrachloroethane       | 0.016  | 0.0005 | mg/L | 0.0200 |  | 79.4 | 76.5-121  |  |  |      |
| 1,1,2-Trichloroethane           | 0.019  | 0.0005 | mg/L | 0.0200 |  | 92.6 | 81.7-118  |  |  |      |
| 1,1-Dichloroethane              | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.4 | 74.8-123  |  |  |      |
| 1,1-Dichloroethene              | 0.019  | 0.0005 | mg/L | 0.0200 |  | 94.8 | 53.9-149  |  |  |      |
| 1,1-Dichloropropene             | 0.017  | 0.0005 | mg/L | 0.0200 |  | 84.6 | 85.9-115  |  |  | BS-3 |
| 1,2,3-Trichlorobenzene          | 0.019  | 0.0005 | mg/L | 0.0200 |  | 96.6 | 76.1-134  |  |  |      |
| 1,2,4-Trichlorobenzene          | 0.019  | 0.0005 | mg/L | 0.0200 |  | 95.4 | 72.4-136  |  |  |      |
| 1,2,4-Trimethylbenzene          | 0.016  | 0.0005 | mg/L | 0.0200 |  | 79.8 | 67.4-138  |  |  |      |
| 1,2-Dibromo-3-chloropropane     | 0.013  | 0.0005 | mg/L | 0.0200 |  | 67.0 | 71.7-124  |  |  | BS-3 |
| 1,2-Dibromoethane               | 0.021  | 0.0005 | mg/L | 0.0200 |  | 106  | 84.9-116  |  |  |      |
| 1,2-Dichlorobenzene             | 0.018  | 0.0005 | mg/L | 0.0200 |  | 89.6 | 82.5-119  |  |  |      |
| 1,2-Dichloroethane              | 0.019  | 0.0005 | mg/L | 0.0200 |  | 93.6 | 72.5-123  |  |  |      |
| 1,2-Dichloropropane             | 0.017  | 0.0005 | mg/L | 0.0200 |  | 84.6 | 79.4-117  |  |  |      |
| 1,3,5-Trimethylbenzene          | 0.017  | 0.0005 | mg/L | 0.0200 |  | 86.0 | 69-137    |  |  |      |
| 1,3-Dichlorobenzene             | 0.018  | 0.0005 | mg/L | 0.0200 |  | 87.6 | 84.4-120  |  |  |      |
| 1,3-Dichloropropane             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 94.0 | 82.6-117  |  |  |      |
| 1,4-Dichlorobenzene             | 0.017  | 0.0005 | mg/L | 0.0200 |  | 86.3 | 81.7-118  |  |  |      |
| 1,4-Dioxane                     | 0.533  | 0.020  | mg/L | 0.400  |  | 133  | -34.6-193 |  |  |      |
| 1,2,3-trichloropropane          | 0.017  | 0.0005 | mg/L | 0.0200 |  | 87.2 | 44.7-168  |  |  |      |
| 2,2-Dichloropropane             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 95.2 | 62.9-136  |  |  |      |
| 2-Butanone                      | 0.039  | 0.002  | mg/L | 0.0400 |  | 97.4 | 24.1-159  |  |  |      |
| 2-Chlorotoluene                 | 0.017  | 0.0005 | mg/L | 0.0200 |  | 86.6 | 80.2-121  |  |  |      |
| 2-Hexanone                      | 0.029  | 0.001  | mg/L | 0.0400 |  | 71.4 | 56.3-139  |  |  |      |
| Surrogate: 4-Bromofluorobenzene | 0.0501 |        | mg/L | 0.0500 |  | 100  | 76.4-114  |  |  |      |
| 4-Chlorotoluene                 | 0.017  | 0.0005 | mg/L | 0.0200 |  | 86.9 | 82.2-125  |  |  |      |
| 4-Methyl-2-pentanone            | 0.032  | 0.001  | mg/L | 0.0400 |  | 79.3 | 60.7-139  |  |  |      |
| Acetone                         | 0.052  | 0.010  | mg/L | 0.0400 |  | 131  | 39.1-168  |  |  |      |
| Acrolein                        | 0.159  | 0.005  | mg/L | 0.200  |  | 79.3 | 26.6-161  |  |  |      |
| Acrylonitrile                   | 0.045  | 0.002  | mg/L | 0.0400 |  | 114  | 64.9-135  |  |  |      |
| Benzene                         | 0.017  | 0.0005 | mg/L | 0.0200 |  | 85.6 | 69.4-129  |  |  |      |
| Bromobenzene                    | 0.018  | 0.0005 | mg/L | 0.0200 |  | 87.6 | 83.5-115  |  |  |      |
| Bromochloromethane              | 0.020  | 0.0005 | mg/L | 0.0200 |  | 102  | 70.7-123  |  |  |      |
| Bromodichloromethane            | 0.017  | 0.0005 | mg/L | 0.0200 |  | 86.1 | 80.3-119  |  |  |      |
| Bromoform                       | 0.016  | 0.0005 | mg/L | 0.0200 |  | 79.4 | 71.1-141  |  |  |      |
| Bromomethane                    | 0.018  | 0.0005 | mg/L | 0.0200 |  | 89.5 | 55.1-143  |  |  |      |
| Carbon disulfide                | 0.036  | 0.001  | mg/L | 0.0400 |  | 90.0 | 53.6-147  |  |  |      |
| Carbon tetrachloride            | 0.019  | 0.0005 | mg/L | 0.0200 |  | 93.8 | 79.5-125  |  |  |      |

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
06/30/25 17:34

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5062409 - Volatiles (Continued)

#### LCS (5062409-BS1) (Continued)

Prepared & Analyzed: 06/24/25

|                                        |               |        |      |               |  |            |                 |  |  |      |
|----------------------------------------|---------------|--------|------|---------------|--|------------|-----------------|--|--|------|
| Chlorobenzene                          | 0.017         | 0.0005 | mg/L | 0.0200        |  | 87.0       | 85.1-115        |  |  |      |
| Chloroethane                           | 0.017         | 0.0005 | mg/L | 0.0200        |  | 87.1       | 36.9-159        |  |  |      |
| Chloroform                             | 0.020         | 0.0005 | mg/L | 0.0200        |  | 100        | 80.9-119        |  |  |      |
| Chloromethane                          | 0.017         | 0.0005 | mg/L | 0.0200        |  | 85.9       | 54.2-142        |  |  |      |
| cis-1,2-Dichloroethene                 | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.8       | 73.8-128        |  |  |      |
| cis-1,3-Dichloropropene                | 0.017         | 0.0005 | mg/L | 0.0200        |  | 85.1       | 82.5-122        |  |  |      |
| Dibromochloromethane                   | 0.019         | 0.0005 | mg/L | 0.0200        |  | 94.0       | 83.1-124        |  |  |      |
| <i>Surrogate: Dibromofluoromethane</i> | <i>0.0510</i> |        | mg/L | <i>0.0500</i> |  | <i>102</i> | <i>82.4-141</i> |  |  |      |
| Dibromomethane                         | 0.019         | 0.0005 | mg/L | 0.0200        |  | 97.0       | 77-118          |  |  |      |
| Dichlorodifluoromethane                | 0.017         | 0.0005 | mg/L | 0.0200        |  | 84.2       | 38.7-147        |  |  |      |
| Ethylbenzene                           | 0.016         | 0.0005 | mg/L | 0.0200        |  | 78.6       | 70.2-130        |  |  |      |
| Hexachlorobutadiene                    | 0.018         | 0.0005 | mg/L | 0.0200        |  | 91.2       | 78.9-148        |  |  |      |
| Iodomethane                            | 0.038         | 0.001  | mg/L | 0.0400        |  | 93.8       | 63.5-135        |  |  |      |
| Isopropylbenzene                       | 0.017         | 0.0005 | mg/L | 0.0200        |  | 84.2       | 85-124          |  |  | BS-3 |
| m+p - Xylene                           | 0.036         | 0.001  | mg/L | 0.0400        |  | 90.7       | 71.9-133        |  |  |      |
| Methyl tert-butyl ether                | 0.039         | 0.001  | mg/L | 0.0400        |  | 97.5       | 57.7-137        |  |  |      |
| Methylene chloride                     | 0.018         | 0.0005 | mg/L | 0.0200        |  | 91.6       | 49.3-163        |  |  |      |
| Naphthalene                            | 0.017         | 0.0005 | mg/L | 0.0200        |  | 84.8       | 62.1-141        |  |  |      |
| n-Butylbenzene                         | 0.016         | 0.0005 | mg/L | 0.0200        |  | 79.4       | 75.4-132        |  |  |      |
| n-Propylbenzene                        | 0.017         | 0.0005 | mg/L | 0.0200        |  | 82.8       | 79.6-124        |  |  |      |
| o-Xylene                               | 0.018         | 0.0005 | mg/L | 0.0200        |  | 87.6       | 69.4-132        |  |  |      |
| p-Isopropyltoluene                     | 0.016         | 0.0005 | mg/L | 0.0200        |  | 81.8       | 79.8-131        |  |  |      |
| sec-Butylbenzene                       | 0.015         | 0.0005 | mg/L | 0.0200        |  | 76.2       | 77.6-133        |  |  | BS-3 |
| Styrene                                | 0.017         | 0.0005 | mg/L | 0.0200        |  | 84.3       | 71.7-128        |  |  |      |
| tert-Butylbenzene                      | 0.016         | 0.0005 | mg/L | 0.0200        |  | 79.8       | 78.8-128        |  |  |      |
| Tetrachloroethene                      | 0.018         | 0.0005 | mg/L | 0.0200        |  | 92.4       | 74.2-128        |  |  |      |
| Toluene                                | 0.018         | 0.0005 | mg/L | 0.0200        |  | 89.6       | 68.1-127        |  |  |      |
| <i>Surrogate: Toluene-d8</i>           | <i>0.0506</i> |        | mg/L | <i>0.0500</i> |  | <i>101</i> | <i>87.1-110</i> |  |  |      |
| Total Xylenes                          | 0.054         | 0.001  | mg/L | 0.0600        |  | 89.6       | 71.6-132        |  |  |      |
| trans-1,2-Dichloroethene               | 0.018         | 0.0005 | mg/L | 0.0200        |  | 89.6       | 65.2-133        |  |  |      |
| trans-1,3-Dichloropropene              | 0.017         | 0.0005 | mg/L | 0.0200        |  | 84.9       | 84-123          |  |  |      |
| trans-1,4-Dichloro-2-butene            | 0.023         | 0.010  | mg/L | 0.0400        |  | 57.0       | 9.3-235         |  |  |      |
| Trichloroethene                        | 0.019         | 0.0005 | mg/L | 0.0200        |  | 92.9       | 79.3-114        |  |  |      |
| Trichlorofluoromethane                 | 0.016         | 0.0005 | mg/L | 0.0200        |  | 79.7       | 28.6-162        |  |  |      |
| Vinyl acetate                          | 0.018         | 0.0005 | mg/L | 0.0200        |  | 89.1       | 50.9-135        |  |  |      |
| Vinyl chloride                         | 0.016         | 0.0005 | mg/L | 0.0200        |  | 81.4       | 61.6-133        |  |  |      |

#### LCS Dup (5062409-BSD1)

Prepared & Analyzed: 06/24/25

|                           |       |        |      |        |  |     |          |      |      |       |
|---------------------------|-------|--------|------|--------|--|-----|----------|------|------|-------|
| 1,1,1,2-Tetrachloroethane | 0.021 | 0.0005 | mg/L | 0.0200 |  | 104 | 82.4-120 | 12.1 | 6.88 | QR-02 |
|---------------------------|-------|--------|------|--------|--|-----|----------|------|------|-------|

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
06/30/25 17:34

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5062409 - Volatiles (Continued)

#### LCS Dup (5062409-BSD1) (Continued)

Prepared & Analyzed: 06/24/25

|                                 |        |        |      |        |  |      |           |       |      |       |
|---------------------------------|--------|--------|------|--------|--|------|-----------|-------|------|-------|
| 1,1,1-Trichloroethane           | 0.020  | 0.0005 | mg/L | 0.0200 |  | 98.6 | 80.7-121  | 10.1  | 7.43 | QR-02 |
| 1,1,2,2-Tetrachloroethane       | 0.015  | 0.0005 | mg/L | 0.0200 |  | 77.0 | 76.5-121  | 3.07  | 8.68 |       |
| 1,1,2-Trichloroethane           | 0.019  | 0.0005 | mg/L | 0.0200 |  | 95.6 | 81.7-118  | 3.08  | 6.82 |       |
| 1,1-Dichloroethane              | 0.020  | 0.0005 | mg/L | 0.0200 |  | 101  | 74.8-123  | 1.50  | 4.3  |       |
| 1,1-Dichloroethene              | 0.020  | 0.0005 | mg/L | 0.0200 |  | 100  | 53.9-149  | 5.24  | 16.5 |       |
| 1,1-Dichloropropene             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 93.1 | 85.9-115  | 9.51  | 5.47 | QR-02 |
| 1,2,3-Trichlorobenzene          | 0.018  | 0.0005 | mg/L | 0.0200 |  | 91.5 | 76.1-134  | 5.42  | 43   |       |
| 1,2,4-Trichlorobenzene          | 0.019  | 0.0005 | mg/L | 0.0200 |  | 97.1 | 72.4-136  | 1.82  | 22.3 |       |
| 1,2,4-Trimethylbenzene          | 0.017  | 0.0005 | mg/L | 0.0200 |  | 84.4 | 67.4-138  | 5.48  | 8.94 |       |
| 1,2-Dibromo-3-chloropropane     | 0.015  | 0.0005 | mg/L | 0.0200 |  | 72.8 | 71.7-124  | 8.15  | 15.1 |       |
| 1,2-Dibromoethane               | 0.021  | 0.0005 | mg/L | 0.0200 |  | 104  | 84.9-116  | 1.94  | 5.83 |       |
| 1,2-Dichlorobenzene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 98.2 | 82.5-119  | 9.15  | 8.72 | QR-02 |
| 1,2-Dichloroethane              | 0.020  | 0.0005 | mg/L | 0.0200 |  | 97.8 | 72.5-123  | 4.49  | 8.94 |       |
| 1,2-Dichloropropane             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 94.3 | 79.4-117  | 10.8  | 5.51 | QR-02 |
| 1,3,5-Trimethylbenzene          | 0.018  | 0.0005 | mg/L | 0.0200 |  | 91.9 | 69-137    | 6.69  | 16.5 |       |
| 1,3-Dichlorobenzene             | 0.018  | 0.0005 | mg/L | 0.0200 |  | 91.2 | 84.4-120  | 4.08  | 9    |       |
| 1,3-Dichloropropane             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 95.3 | 82.6-117  | 1.37  | 6.06 |       |
| 1,4-Dichlorobenzene             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 93.6 | 81.7-118  | 8.17  | 7.71 | QR-02 |
| 1,4-Dioxane                     | 0.378  | 0.020  | mg/L | 0.400  |  | 94.5 | -34.6-193 | 34.0  | 35.2 |       |
| 1,2,3-trichloropropane          | 0.018  | 0.0005 | mg/L | 0.0200 |  | 88.3 | 44.7-168  | 1.25  | 49.2 |       |
| 2,2-Dichloropropane             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 102  | 62.9-136  | 6.61  | 9.62 |       |
| 2-Butanone                      | 0.038  | 0.002  | mg/L | 0.0400 |  | 95.3 | 24.1-159  | 2.13  | 14.2 |       |
| 2-Chlorotoluene                 | 0.019  | 0.0005 | mg/L | 0.0200 |  | 92.7 | 80.2-121  | 6.86  | 8.62 |       |
| 2-Hexanone                      | 0.028  | 0.001  | mg/L | 0.0400 |  | 71.2 | 56.3-139  | 0.245 | 7.28 |       |
| Surrogate: 4-Bromofluorobenzene | 0.0526 |        | mg/L | 0.0500 |  | 105  | 76.4-114  |       |      |       |
| 4-Chlorotoluene                 | 0.018  | 0.0005 | mg/L | 0.0200 |  | 90.4 | 82.2-125  | 4.00  | 15.5 |       |
| 4-Methyl-2-pentanone            | 0.031  | 0.001  | mg/L | 0.0400 |  | 78.5 | 60.7-139  | 0.982 | 7.57 |       |
| Acetone                         | 0.044  | 0.010  | mg/L | 0.0400 |  | 111  | 39.1-168  | 16.3  | 30.5 |       |
| Acrolein                        | 0.136  | 0.005  | mg/L | 0.200  |  | 67.8 | 26.6-161  | 15.6  | 22.4 |       |
| Acrylonitrile                   | 0.045  | 0.002  | mg/L | 0.0400 |  | 113  | 64.9-135  | 0.507 | 7.62 |       |
| Benzene                         | 0.018  | 0.0005 | mg/L | 0.0200 |  | 90.0 | 69.4-129  | 5.07  | 4.16 | QR-02 |
| Bromobenzene                    | 0.019  | 0.0005 | mg/L | 0.0200 |  | 97.2 | 83.5-115  | 10.4  | 8.41 | QR-02 |
| Bromochloromethane              | 0.022  | 0.0005 | mg/L | 0.0200 |  | 112  | 70.7-123  | 8.64  | 5.16 | QR-02 |
| Bromodichloromethane            | 0.019  | 0.0005 | mg/L | 0.0200 |  | 96.4 | 80.3-119  | 11.2  | 5.36 | QR-02 |
| Bromoform                       | 0.019  | 0.0005 | mg/L | 0.0200 |  | 92.8 | 71.1-141  | 15.4  | 14.1 | QR-02 |
| Bromomethane                    | 0.019  | 0.0005 | mg/L | 0.0200 |  | 97.0 | 55.1-143  | 7.99  | 21.5 |       |
| Carbon disulfide                | 0.039  | 0.001  | mg/L | 0.0400 |  | 97.0 | 53.6-147  | 7.46  | 20.3 |       |
| Carbon tetrachloride            | 0.020  | 0.0005 | mg/L | 0.0200 |  | 101  | 79.5-125  | 7.69  | 11.4 |       |
| Chlorobenzene                   | 0.019  | 0.0005 | mg/L | 0.0200 |  | 94.5 | 85.1-115  | 8.26  | 5.18 | QR-02 |

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
06/30/25 17:34

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5062409 - Volatiles (Continued)

#### LCS Dup (5062409-BSD1) (Continued)

Prepared & Analyzed: 06/24/25

|                                        |               |        |      |               |  |            |                 |      |      |       |
|----------------------------------------|---------------|--------|------|---------------|--|------------|-----------------|------|------|-------|
| Chloroethane                           | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.8       | 36.9-159        | 9.52 | 24.1 |       |
| Chloroform                             | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101        | 80.9-119        | 1.24 | 5.15 |       |
| Chloromethane                          | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.6       | 54.2-142        | 8.58 | 27   |       |
| cis-1,2-Dichloroethene                 | 0.021         | 0.0005 | mg/L | 0.0200        |  | 104        | 73.8-128        | 7.77 | 5.73 | QR-02 |
| cis-1,3-Dichloropropene                | 0.018         | 0.0005 | mg/L | 0.0200        |  | 92.3       | 82.5-122        | 8.12 | 6.09 | QR-02 |
| Dibromochloromethane                   | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.0       | 83.1-124        | 4.06 | 7.24 |       |
| <i>Surrogate: Dibromofluoromethane</i> | <i>0.0525</i> |        | mg/L | <i>0.0500</i> |  | <i>105</i> | <i>82.4-141</i> |      |      |       |
| Dibromomethane                         | 0.020         | 0.0005 | mg/L | 0.0200        |  | 102        | 77-118          | 4.68 | 5.75 |       |
| Dichlorodifluoromethane                | 0.018         | 0.0005 | mg/L | 0.0200        |  | 88.0       | 38.7-147        | 4.53 | 22.6 |       |
| Ethylbenzene                           | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.4       | 70.2-130        | 14.0 | 4.83 | QR-02 |
| Hexachlorobutadiene                    | 0.017         | 0.0005 | mg/L | 0.0200        |  | 87.4       | 78.9-148        | 4.25 | 18.4 |       |
| Iodomethane                            | 0.039         | 0.001  | mg/L | 0.0400        |  | 97.3       | 63.5-135        | 3.61 | 24.3 |       |
| Isopropylbenzene                       | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.4       | 85-124          | 7.16 | 6.25 | QR-02 |
| m+p - Xylene                           | 0.040         | 0.001  | mg/L | 0.0400        |  | 98.8       | 71.9-133        | 8.60 | 5.77 | QR-02 |
| Methyl tert-butyl ether                | 0.041         | 0.001  | mg/L | 0.0400        |  | 102        | 57.7-137        | 4.09 | 12.8 |       |
| Methylene chloride                     | 0.020         | 0.0005 | mg/L | 0.0200        |  | 97.6       | 49.3-163        | 6.24 | 19.7 |       |
| Naphthalene                            | 0.017         | 0.0005 | mg/L | 0.0200        |  | 82.7       | 62.1-141        | 2.51 | 33.5 |       |
| n-Butylbenzene                         | 0.017         | 0.0005 | mg/L | 0.0200        |  | 85.2       | 75.4-132        | 6.93 | 10.1 |       |
| n-Propylbenzene                        | 0.018         | 0.0005 | mg/L | 0.0200        |  | 88.4       | 79.6-124        | 6.55 | 9.09 |       |
| o-Xylene                               | 0.019         | 0.0005 | mg/L | 0.0200        |  | 94.8       | 69.4-132        | 7.95 | 6.29 | QR-02 |
| p-Isopropyltoluene                     | 0.018         | 0.0005 | mg/L | 0.0200        |  | 88.9       | 79.8-131        | 8.32 | 9.26 |       |
| sec-Butylbenzene                       | 0.016         | 0.0005 | mg/L | 0.0200        |  | 81.4       | 77.6-133        | 6.47 | 9.85 |       |
| Styrene                                | 0.019         | 0.0005 | mg/L | 0.0200        |  | 97.2       | 71.7-128        | 14.3 | 7.55 | QR-02 |
| tert-Butylbenzene                      | 0.018         | 0.0005 | mg/L | 0.0200        |  | 88.0       | 78.8-128        | 9.65 | 18.6 |       |
| Tetrachloroethene                      | 0.021         | 0.0005 | mg/L | 0.0200        |  | 104        | 74.2-128        | 12.1 | 6.38 | QR-02 |
| Toluene                                | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.7       | 68.1-127        | 1.22 | 5.67 |       |
| <i>Surrogate: Toluene-d8</i>           | <i>0.0505</i> |        | mg/L | <i>0.0500</i> |  | <i>101</i> | <i>87.1-110</i> |      |      |       |
| Total Xylenes                          | 0.058         | 0.001  | mg/L | 0.0600        |  | 97.5       | 71.6-132        | 8.39 | 5.83 | QR-02 |
| trans-1,2-Dichloroethene               | 0.021         | 0.0005 | mg/L | 0.0200        |  | 103        | 65.2-133        | 14.2 | 19.1 |       |
| trans-1,3-Dichloropropene              | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.5       | 84-123          | 11.8 | 6.26 | QR-02 |
| trans-1,4-Dichloro-2-butene            | 0.019         | 0.010  | mg/L | 0.0400        |  | 46.7       | 9.3-235         | 19.9 | 92.8 |       |
| Trichloroethene                        | 0.020         | 0.0005 | mg/L | 0.0200        |  | 100        | 79.3-114        | 7.31 | 4.92 | QR-02 |
| Trichlorofluoromethane                 | 0.018         | 0.0005 | mg/L | 0.0200        |  | 88.7       | 28.6-162        | 10.7 | 19.8 |       |
| Vinyl acetate                          | 0.017         | 0.0005 | mg/L | 0.0200        |  | 86.4       | 50.9-135        | 3.13 | 7.84 |       |
| Vinyl chloride                         | 0.017         | 0.0005 | mg/L | 0.0200        |  | 87.4       | 61.6-133        | 7.11 | 23   |       |

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Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
06/30/25 17:34

### Notes and Definitions

|       |                                                                                                                                                                                                         |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| PH    | Insufficient preservative to reduce the sample pH to less than 2. Sample was analyzed within 14 days of sampling, but beyond the 7 days recommended for volatile analysis without preservative.         |
| BS-3  | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.                                                                     |
| DET   | Analyte DETECTED                                                                                                                                                                                        |
| ND    | Analyte NOT DETECTED at or above the reporting limit                                                                                                                                                    |
| NR    | Not Reported                                                                                                                                                                                            |
| dry   | Sample results reported on a dry weight basis<br>*Results reported on as received basis unless designated as dry.                                                                                       |
| RPD   | Relative Percent Difference                                                                                                                                                                             |
| LCS   | Laboratory Control Sample (Blank Spike)                                                                                                                                                                 |
| RL    | Report Limit                                                                                                                                                                                            |
| MDL   | Method Detection Limit                                                                                                                                                                                  |

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A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Report Station For Jeremy D Allen, Laboratory Director

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PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
06/30/25 17:34

### Qualifier Summary

| <u>LabNumber</u> | <u>Analysis</u> | <u>Analyte</u>              | <u>Qualifier</u> | <u>TextBody</u>                                                                                                                                                                                         |
|------------------|-----------------|-----------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5062409-BS1      | Volatile 8260   | 1,1-Dichloropropene         | BS-3             | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.                                                                     |
| 5062409-BS1      | Volatile 8260   | 1,2-Dibromo-3-chloropropane | BS-3             | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.                                                                     |
| 5062409-BS1      | Volatile 8260   | Isopropylbenzene            | BS-3             | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.                                                                     |
| 5062409-BS1      | Volatile 8260   | sec-Butylbenzene            | BS-3             | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.                                                                     |
| 5062409-BSD1     | Volatile 8260   | 1,1,1,2-Tetrachloroethane   | QR-02            | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1     | Volatile 8260   | 1,1,1-Trichloroethane       | QR-02            | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1     | Volatile 8260   | 1,1-Dichloropropene         | QR-02            | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1     | Volatile 8260   | 1,2-Dichlorobenzene         | QR-02            | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1     | Volatile 8260   | 1,2-Dichloropropane         | QR-02            | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1     | Volatile 8260   | 1,4-Dichlorobenzene         | QR-02            | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1     | Volatile 8260   | Benzene                     | QR-02            | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1     | Volatile 8260   | Bromobenzene                | QR-02            | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1     | Volatile 8260   | Bromochloromethane          | QR-02            | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1     | Volatile 8260   | Bromodichloromethane        | QR-02            | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |

Green Analytical Laboratories

Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
06/30/25 17:34

|              |               |                           |       |                                                                                                                                                                                                         |
|--------------|---------------|---------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5062409-BSD1 | Volatile 8260 | Bromoform                 | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | Chlorobenzene             | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | cis-1,2-Dichloroethene    | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | cis-1,3-Dichloropropene   | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | Ethylbenzene              | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | Isopropylbenzene          | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | m+p - Xylene              | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | o-Xylene                  | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | Styrene                   | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | Tetrachloroethene         | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | Total Xylenes             | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | trans-1,3-Dichloropropene | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 5062409-BSD1 | Volatile 8260 | Trichloroethene           | QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |

Green Analytical Laboratories

Report Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
06/30/25 17:34

2506253-01 Volatile 8260

PH

Insufficient preservative to reduce the sample pH to less than 2.  
Sample was analyzed within 14 days of sampling, but beyond the  
7 days recommended for volatile analysis without preservative.

Green Analytical Laboratories

A handwritten signature in black ink, reading 'Jeremy D. Allen', is displayed on a light blue rectangular background.

Report Station For Jeremy D Allen, Laboratory Director

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## SAMPLE CONDITION RECEIPT FORM

Date/Initials of person  
examining contents: MLW  
6-18-25Labeled by initials: \_\_\_\_\_  
(if different than above)Client Name: CottonwoodWork Order # 2506-253Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Kangaroo ☐ Third Party ☐ OtherCustody Seals on Box/Cooler Present: ☐ Yes ☒ No Seals Intact: ☐ Yes ☐ No GAL Cooler #: \_\_\_\_\_Thermometer Used: #2 Samples on ice, cooling process has begun: ☒ Yes ☐ NoType of Ice: ☒ Wet ☐ Blue ☐ None Cooler Temp: Observed Temp: 20.0 °C Correction Factor: +0.2 °C Final Temp: 20.2 °C

\*Temp should be above freezing 6°C

Compliance: ☐ Yes ☒ No

|                                                                                                       |                                                                                                  |     |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|
| Chain of Custody Filled Out:                                                                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 1.  |
| COC Signed when Relinquished and Received:                                                            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 2.  |
| Sampler Name and Signature on COC:<br>*Required for compliance                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 3.  |
| Samples arrived within hold time:                                                                     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 4.  |
| Correct Containers Used & Intact:                                                                     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 5.  |
| Short Hold Time Analysis (<72hr):                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 6.  |
| Rush Turn Around Time Requested:                                                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 7.  |
| Sufficient Volume:                                                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 8.  |
| pH's acceptable upon receipt, where applicable:<br>*Not including metals bottles                      | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 9.  |
| Dissolved Testing Needed:<br>Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 10. |
| Sample Labels match COC:<br>-Includes Date/Time/ID                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 11. |
| Matrix:                                                                                               | <input checked="" type="checkbox"/> WT <input type="checkbox"/> SL <input type="checkbox"/> OT   |     |
| Trip Blank Present:                                                                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 12. |
| Trip Blank Custody Seals Present:                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |     |
| VOA's meet headspace requirement (<6mm bubbles)                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |     |
| Non-Conformance(s):                                                                                   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 13. |

Client Notification/Resolution:

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

 Comments/Resolution: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



75 Suttle Street  
Durango, CO 81303  
970.247.4220 Phone  
jeremy.allen@greenanalytical.com

01 October 2025

Kyle Siesser  
Cottonwood Consulting  
PO Box 1653  
Durango, CO 81302  
RE: Sandoval GC A #001

Enclosed are the results of analyses for samples received by the laboratory on 09/17/25 15:20. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Jeremy D. Allen'. The signature is written in a cursive style and is enclosed within a light blue rectangular border.

Reporting Station For Jeremy D Allen  
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C25-00079

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C25-00101

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
10/01/25 17:02

### ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  | Notes |
|-----------|---------------|--------|----------------|----------------|-------|
| MW#2      | 2509229-01    | Water  | 09/17/25 12:25 | 09/17/25 15:20 |       |

Green Analytical Laboratories

A handwritten signature in black ink, reading 'Jeremy D. Allen', is displayed on a light blue rectangular background.

Reporting Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
10/01/25 17:02

## MW#2

**2509229-01 (Ground Water)**

**Sampled Date: 09/17/25 12:25**

**Sampled By: Kelsey O'Brien/Robert Cochran**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

### VOLATILES BY GC/MS

|                              |              |       |        |      |   |                |       |          |    |
|------------------------------|--------------|-------|--------|------|---|----------------|-------|----------|----|
| 1,1,1,2-Tetrachloroethane*   | <0.002       | 0.002 | 0.0003 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,1,1-Trichloroethane*       | <0.002       | 0.002 | 0.0003 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,1,2,2-Tetrachloroethane*   | <0.002       | 0.002 | 0.0003 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,1,2-Trichloroethane*       | <0.002       | 0.002 | 0.0003 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,1-Dichloroethane*          | <0.002       | 0.002 | 0.0008 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,1-Dichloroethene*          | <0.002       | 0.002 | 0.0009 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,1-Dichloropropene*         | <0.002       | 0.002 | 0.0008 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,2,3-Trichlorobenzene*      | <0.002       | 0.002 | 0.001  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,2,4-Trichlorobenzene*      | <0.002       | 0.002 | 0.0006 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,2,4-Trimethylbenzene*      | <b>0.151</b> | 0.002 | 0.0002 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,2-Dibromo-3-chloropropane* | <0.002       | 0.002 | 0.002  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,2-Dibromoethane*           | <0.002       | 0.002 | 0.0005 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,2-Dichlorobenzene*         | <0.002       | 0.002 | 0.0003 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,2-Dichloroethane*          | <0.002       | 0.002 | 0.0003 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,2-Dichloropropane*         | <0.002       | 0.002 | 0.0004 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,3,5-Trimethylbenzene*      | <0.002       | 0.002 | 0.0002 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,3-Dichlorobenzene*         | <0.002       | 0.002 | 0.0002 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,3-Dichloropropane*         | <0.002       | 0.002 | 0.0007 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,4-Dichlorobenzene          | <0.002       | 0.002 | 0.0002 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
10/01/25 17:02

### MW#2

**2509229-01 (Ground Water)**

**Sampled Date: 09/17/25 12:25**

**Sampled By: Kelsey O'Brien/Robert Cochran**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

### VOLATILES BY GC/MS

|                         |              |       |        |      |    |                |       |          |    |
|-------------------------|--------------|-------|--------|------|----|----------------|-------|----------|----|
| 1,4-Dioxane             | <0.100       | 0.100 | 0.100  | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 1,2,3-trichloropropane* | <0.002       | 0.002 | 0.0006 | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 2,2-Dichloropropane*    | <0.002       | 0.002 | 0.002  | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 2-Butanone*             | <b>0.011</b> | 0.010 | 0.010  | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 2-Chlorotoluene*        | <0.002       | 0.002 | 0.0002 | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 2-Hexanone*             | <0.005       | 0.005 | 0.002  | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 4-Chlorotoluene*        | <0.002       | 0.002 | 0.0002 | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| 4-Methyl-2-pentanone*   | <b>0.017</b> | 0.005 | 0.0006 | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Acetone*                | <0.050       | 0.050 | 0.004  | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Acrolein*               | <0.025       | 0.025 | 0.005  | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Acrylonitrile*          | <0.010       | 0.010 | 0.004  | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Benzene*                | <b>1.17</b>  | 0.025 | 0.002  | mg/L | 50 | 10/01/25 11:45 | 8260B | TEM<br>P | SK |
| Bromobenzene*           | <0.002       | 0.002 | 0.0003 | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Bromochloromethane*     | <0.002       | 0.002 | 0.0007 | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Bromodichloromethane*   | <0.002       | 0.002 | 0.0002 | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Bromoform*              | <0.002       | 0.002 | 0.0004 | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Bromomethane*           | <0.002       | 0.002 | 0.002  | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Carbon disulfide*       | <0.005       | 0.005 | 0.0007 | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Carbon tetrachloride*   | <0.002       | 0.002 | 0.0008 | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Chlorobenzene*          | <0.002       | 0.002 | 0.0002 | mg/L | 5  | 09/30/25 16:20 | 8260B | TEM<br>P | SK |

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
10/01/25 17:02

### MW#2

**2509229-01 (Ground Water)**

**Sampled Date: 09/17/25 12:25**

**Sampled By: Kelsey O'Brien/Robert Cochran**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

### VOLATILES BY GC/MS

|                          |              |       |         |      |   |                |       |          |    |
|--------------------------|--------------|-------|---------|------|---|----------------|-------|----------|----|
| Chloroethane*            | <0.002       | 0.002 | 0.002   | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Chloroform*              | <0.002       | 0.002 | 0.00008 | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Chloromethane*           | <0.002       | 0.002 | 0.002   | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| cis-1,2-Dichloroethene*  | <0.002       | 0.002 | 0.001   | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| cis-1,3-Dichloropropene* | <0.002       | 0.002 | 0.0004  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Dibromochloromethane*    | <0.002       | 0.002 | 0.0004  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Dibromomethane*          | <0.002       | 0.002 | 0.0008  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Dichlorodifluoromethane* | <0.002       | 0.002 | 0.002   | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Ethylbenzene*            | <b>0.156</b> | 0.002 | 0.0002  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Hexachlorobutadiene*     | <0.002       | 0.002 | 0.002   | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Iodomethane              | <0.005       | 0.005 | 0.0003  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Isopropylbenzene*        | <b>0.012</b> | 0.002 | 0.0001  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| m+p - Xylene*            | <b>0.041</b> | 0.005 | 0.0004  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Methyl tert-butyl ether  | <0.005       | 0.005 | 0.001   | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Methylene chloride*      | <0.002       | 0.002 | 0.002   | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| Naphthalene*             | <b>0.020</b> | 0.002 | 0.0004  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| n-Butylbenzene*          | <0.002       | 0.002 | 0.0003  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| n-Propylbenzene*         | <b>0.009</b> | 0.002 | 0.0003  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| o-Xylene*                | <b>0.003</b> | 0.002 | 0.0006  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |
| p-Isopropyltoluene*      | <b>0.008</b> | 0.002 | 0.0002  | mg/L | 5 | 09/30/25 16:20 | 8260B | TEM<br>P | SK |

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
10/01/25 17:02

### MW#2

**2509229-01 (Ground Water)**

**Sampled Date: 09/17/25 12:25**

**Sampled By: Kelsey O'Brien/Robert Cochran**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

### Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

#### VOLATILES BY GC/MS

|                                 |        |       |        |          |   |                |       |       |    |
|---------------------------------|--------|-------|--------|----------|---|----------------|-------|-------|----|
| sec-Butylbenzene*               | 0.005  | 0.002 | 0.0002 | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| Styrene*                        | <0.002 | 0.002 | 0.0006 | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| tert-Butylbenzene*              | <0.002 | 0.002 | 0.0004 | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| Tetrachloroethene*              | <0.002 | 0.002 | 0.0005 | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| Toluene*                        | <0.002 | 0.002 | 0.0004 | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| Total Xylenes*                  | 0.044  | 0.005 | 0.001  | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| trans-1,2-Dichloroethene*       | <0.002 | 0.002 | 0.0007 | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| trans-1,3-Dichloropropene*      | <0.002 | 0.002 | 0.0002 | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| trans-1,4-Dichloro-2-butene     | <0.050 | 0.050 | 0.001  | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| Trichloroethene*                | <0.002 | 0.002 | 0.0009 | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| Trichlorofluoromethane*         | <0.002 | 0.002 | 0.0007 | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| Vinyl acetate*                  | <0.002 | 0.002 | 0.002  | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| Vinyl chloride*                 | <0.002 | 0.002 | 0.002  | mg/L     | 5 | 09/30/25 16:20 | 8260B | TEM P | SK |
| Surrogate: 4-Bromofluorobenzene |        |       | 101 %  | 79.1-111 |   | 09/30/25 16:20 | 8260B | TEM P | SK |
| Surrogate: Dibromofluoromethane |        |       | 97.6 % | 82.4-125 |   | 09/30/25 16:20 | 8260B | TEM P | SK |
| Surrogate: Toluene-d8           |        |       | 101 %  | 82.5-115 |   | 09/30/25 16:20 | 8260B | TEM P | SK |

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PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
10/01/25 17:02

### VOLATILES BY GC/MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5092638 - Volatiles

#### Blank (5092638-BLK1)

Prepared & Analyzed: 09/26/25

|                             |    |        |      |
|-----------------------------|----|--------|------|
| 1,1,1,2-Tetrachloroethane   | ND | 0.0005 | mg/L |
| 1,1,1-Trichloroethane       | ND | 0.0005 | mg/L |
| 1,1,2,2-Tetrachloroethane   | ND | 0.0005 | mg/L |
| 1,1,2-Trichloroethane       | ND | 0.0005 | mg/L |
| 1,1-Dichloroethane          | ND | 0.0005 | mg/L |
| 1,1-Dichloroethene          | ND | 0.0005 | mg/L |
| 1,1-Dichloropropene         | ND | 0.0005 | mg/L |
| 1,2,3-Trichlorobenzene      | ND | 0.0005 | mg/L |
| 1,2,4-Trichlorobenzene      | ND | 0.0005 | mg/L |
| 1,2,4-Trimethylbenzene      | ND | 0.0005 | mg/L |
| 1,2-Dibromo-3-chloropropane | ND | 0.0005 | mg/L |
| 1,2-Dibromoethane           | ND | 0.0005 | mg/L |
| 1,2-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,2-Dichloroethane          | ND | 0.0005 | mg/L |
| 1,2-Dichloropropane         | ND | 0.0005 | mg/L |
| 1,3,5-Trimethylbenzene      | ND | 0.0005 | mg/L |
| 1,3-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,3-Dichloropropane         | ND | 0.0005 | mg/L |
| 1,4-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,4-Dioxane                 | ND | 0.020  | mg/L |
| 1,2,3-trichloropropane      | ND | 0.0005 | mg/L |
| 2,2-Dichloropropane         | ND | 0.0005 | mg/L |
| 2-Butanone                  | ND | 0.002  | mg/L |
| 2-Chlorotoluene             | ND | 0.0005 | mg/L |
| 2-Hexanone                  | ND | 0.001  | mg/L |

|                                 |        |        |      |        |      |          |
|---------------------------------|--------|--------|------|--------|------|----------|
| Surrogate: 4-Bromofluorobenzene | 0.0244 |        | mg/L | 0.0250 | 97.5 | 79.1-111 |
| 4-Chlorotoluene                 | ND     | 0.0005 | mg/L |        |      |          |
| 4-Methyl-2-pentanone            | ND     | 0.001  | mg/L |        |      |          |
| Acetone                         | ND     | 0.010  | mg/L |        |      |          |
| Acrolein                        | ND     | 0.005  | mg/L |        |      |          |
| Acrylonitrile                   | ND     | 0.002  | mg/L |        |      |          |
| Benzene                         | ND     | 0.0005 | mg/L |        |      |          |
| Bromobenzene                    | ND     | 0.0005 | mg/L |        |      |          |
| Bromochloromethane              | ND     | 0.0005 | mg/L |        |      |          |
| Bromodichloromethane            | ND     | 0.0005 | mg/L |        |      |          |
| Bromoform                       | ND     | 0.0005 | mg/L |        |      |          |

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
10/01/25 17:02

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5092638 - Volatiles (Continued)

#### Blank (5092638-BLK1) (Continued)

Prepared & Analyzed: 09/26/25

|                         |    |        |      |  |  |  |  |  |  |  |
|-------------------------|----|--------|------|--|--|--|--|--|--|--|
| Bromomethane            | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Carbon disulfide        | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Carbon tetrachloride    | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chlorobenzene           | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chloroethane            | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chloroform              | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Chloromethane           | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| cis-1,2-Dichloroethene  | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| cis-1,3-Dichloropropene | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Dibromochloromethane    | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |

*Surrogate: Dibromofluoromethane* 0.0274 mg/L 0.0250 110 82.4-125

|                         |    |        |      |  |  |  |  |  |  |  |
|-------------------------|----|--------|------|--|--|--|--|--|--|--|
| Dibromomethane          | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Dichlorodifluoromethane | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Ethylbenzene            | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Hexachlorobutadiene     | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Iodomethane             | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Isopropylbenzene        | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| m+p - Xylene            | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Methyl tert-butyl ether | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| Methylene chloride      | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Naphthalene             | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| n-Butylbenzene          | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| n-Propylbenzene         | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| o-Xylene                | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| p-Isopropyltoluene      | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| sec-Butylbenzene        | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Styrene                 | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| tert-Butylbenzene       | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Tetrachloroethene       | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Toluene                 | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |

*Surrogate: Toluene-d8* 0.0241 mg/L 0.0250 96.6 82.5-115

|                             |    |        |      |  |  |  |  |  |  |  |
|-----------------------------|----|--------|------|--|--|--|--|--|--|--|
| Total Xylenes               | ND | 0.001  | mg/L |  |  |  |  |  |  |  |
| trans-1,2-Dichloroethene    | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| trans-1,3-Dichloropropene   | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| trans-1,4-Dichloro-2-butene | ND | 0.010  | mg/L |  |  |  |  |  |  |  |
| Trichloroethene             | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Trichlorofluoromethane      | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Vinyl acetate               | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |
| Vinyl chloride              | ND | 0.0005 | mg/L |  |  |  |  |  |  |  |

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
10/01/25 17:02

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5092638 - Volatiles (Continued)

#### LCS (5092638-BS1)

Prepared & Analyzed: 09/26/25

|                                 |        |        |      |        |  |      |          |  |  |      |
|---------------------------------|--------|--------|------|--------|--|------|----------|--|--|------|
| 1,1,1,2-Tetrachloroethane       | 0.021  | 0.0005 | mg/L | 0.0200 |  | 103  | 83.1-120 |  |  |      |
| 1,1,1-Trichloroethane           | 0.025  | 0.0005 | mg/L | 0.0200 |  | 124  | 50.3-160 |  |  |      |
| 1,1,2,2-Tetrachloroethane       | 0.014  | 0.0005 | mg/L | 0.0200 |  | 70.2 | 48-136   |  |  |      |
| 1,1,2-Trichloroethane           | 0.015  | 0.0005 | mg/L | 0.0200 |  | 75.4 | 73.8-123 |  |  |      |
| 1,1-Dichloroethane              | 0.018  | 0.0005 | mg/L | 0.0200 |  | 88.6 | 72.8-131 |  |  |      |
| 1,1-Dichloroethene              | 0.021  | 0.0005 | mg/L | 0.0200 |  | 105  | 77.6-137 |  |  |      |
| 1,1-Dichloropropene             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 97.0 | 54.5-156 |  |  |      |
| 1,2,3-Trichlorobenzene          | 0.023  | 0.0005 | mg/L | 0.0200 |  | 113  | 66.2-149 |  |  |      |
| 1,2,4-Trichlorobenzene          | 0.022  | 0.0005 | mg/L | 0.0200 |  | 109  | 63.3-150 |  |  |      |
| 1,2,4-Trimethylbenzene          | 0.023  | 0.0005 | mg/L | 0.0200 |  | 113  | 79.1-124 |  |  |      |
| 1,2-Dibromo-3-chloropropane     | 0.017  | 0.0005 | mg/L | 0.0200 |  | 82.7 | 34.9-149 |  |  |      |
| 1,2-Dibromoethane               | 0.017  | 0.0005 | mg/L | 0.0200 |  | 86.4 | 78.5-122 |  |  |      |
| 1,2-Dichlorobenzene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.2 | 84.3-120 |  |  |      |
| 1,2-Dichloroethane              | 0.022  | 0.0005 | mg/L | 0.0200 |  | 112  | 70.4-125 |  |  |      |
| 1,2-Dichloropropane             | 0.016  | 0.0005 | mg/L | 0.0200 |  | 82.4 | 73.3-122 |  |  |      |
| 1,3,5-Trimethylbenzene          | 0.024  | 0.0005 | mg/L | 0.0200 |  | 118  | 77.3-127 |  |  |      |
| 1,3-Dichlorobenzene             | 0.023  | 0.0005 | mg/L | 0.0200 |  | 113  | 84.5-124 |  |  |      |
| 1,3-Dichloropropane             | 0.016  | 0.0005 | mg/L | 0.0200 |  | 81.9 | 76-124   |  |  |      |
| 1,4-Dichlorobenzene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.8 | 83.2-121 |  |  |      |
| 1,4-Dioxane                     | 0.261  | 0.020  | mg/L | 0.400  |  | 65.4 | 26-195   |  |  |      |
| 1,2,3-trichloropropane          | 0.014  | 0.0005 | mg/L | 0.0200 |  | 69.5 | 56.5-127 |  |  |      |
| 2,2-Dichloropropane             | 0.026  | 0.0005 | mg/L | 0.0200 |  | 128  | 69.4-132 |  |  |      |
| 2-Butanone                      | 0.037  | 0.002  | mg/L | 0.0400 |  | 93.7 | 40.9-157 |  |  |      |
| 2-Chlorotoluene                 | 0.020  | 0.0005 | mg/L | 0.0200 |  | 100  | 76.4-123 |  |  |      |
| 2-Hexanone                      | 0.025  | 0.001  | mg/L | 0.0400 |  | 63.3 | 15.4-157 |  |  |      |
| Surrogate: 4-Bromofluorobenzene | 0.0267 |        | mg/L | 0.0250 |  | 107  | 79.1-111 |  |  |      |
| 4-Chlorotoluene                 | 0.020  | 0.0005 | mg/L | 0.0200 |  | 101  | 78.7-126 |  |  |      |
| 4-Methyl-2-pentanone            | 0.025  | 0.001  | mg/L | 0.0400 |  | 63.5 | 31.4-146 |  |  |      |
| Acetone                         | 0.035  | 0.010  | mg/L | 0.0400 |  | 87.1 | 49.7-187 |  |  |      |
| Acrolein                        | 0.132  | 0.005  | mg/L | 0.200  |  | 66.1 | 4.88-190 |  |  |      |
| Acrylonitrile                   | 0.035  | 0.002  | mg/L | 0.0400 |  | 87.3 | 52.6-154 |  |  |      |
| Benzene                         | 0.018  | 0.0005 | mg/L | 0.0200 |  | 91.0 | 82.4-116 |  |  |      |
| Bromobenzene                    | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.8 | 81.5-121 |  |  |      |
| Bromochloromethane              | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.6 | 67.4-139 |  |  |      |
| Bromodichloromethane            | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.0 | 76.5-119 |  |  |      |
| Bromoform                       | 0.021  | 0.0005 | mg/L | 0.0200 |  | 103  | 64.6-130 |  |  |      |
| Bromomethane                    | 0.019  | 0.0005 | mg/L | 0.0200 |  | 93.3 | 63.3-139 |  |  |      |
| Carbon disulfide                | 0.036  | 0.001  | mg/L | 0.0400 |  | 88.8 | 66.8-157 |  |  |      |
| Carbon tetrachloride            | 0.031  | 0.0005 | mg/L | 0.0200 |  | 156  | 73.9-135 |  |  | BS-3 |

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PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
10/01/25 17:02

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5092638 - Volatiles (Continued)

#### LCS (5092638-BS1) (Continued)

Prepared & Analyzed: 09/26/25

|                                        |               |        |      |               |  |             |                 |  |  |      |
|----------------------------------------|---------------|--------|------|---------------|--|-------------|-----------------|--|--|------|
| Chlorobenzene                          | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.0        | 83.5-117        |  |  |      |
| Chloroethane                           | 0.017         | 0.0005 | mg/L | 0.0200        |  | 84.6        | 67.1-139        |  |  |      |
| Chloroform                             | 0.019         | 0.0005 | mg/L | 0.0200        |  | 96.6        | 72.8-130        |  |  |      |
| Chloromethane                          | 0.015         | 0.0005 | mg/L | 0.0200        |  | 74.2        | 45.8-153        |  |  |      |
| cis-1,2-Dichloroethene                 | 0.017         | 0.0005 | mg/L | 0.0200        |  | 85.5        | 75.7-128        |  |  |      |
| cis-1,3-Dichloropropene                | 0.017         | 0.0005 | mg/L | 0.0200        |  | 84.6        | 71.6-125        |  |  |      |
| Dibromochloromethane                   | 0.023         | 0.0005 | mg/L | 0.0200        |  | 115         | 78.8-123        |  |  |      |
| <i>Surrogate: Dibromofluoromethane</i> | <i>0.0264</i> |        | mg/L | <i>0.0250</i> |  | <i>105</i>  | <i>82.4-125</i> |  |  |      |
| Dibromomethane                         | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.0        | 77.8-119        |  |  |      |
| Dichlorodifluoromethane                | 0.026         | 0.0005 | mg/L | 0.0200        |  | 128         | 46.1-158        |  |  |      |
| Ethylbenzene                           | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.0        | 77.9-123        |  |  |      |
| Hexachlorobutadiene                    | 0.025         | 0.0005 | mg/L | 0.0200        |  | 124         | 55.5-185        |  |  |      |
| Iodomethane                            | 0.040         | 0.001  | mg/L | 0.0400        |  | 101         | 74-137          |  |  |      |
| Isopropylbenzene                       | 0.020         | 0.0005 | mg/L | 0.0200        |  | 100         | 77.6-125        |  |  |      |
| m+p - Xylene                           | 0.038         | 0.001  | mg/L | 0.0400        |  | 95.2        | 76.6-128        |  |  |      |
| Methyl tert-butyl ether                | 0.038         | 0.001  | mg/L | 0.0400        |  | 95.9        | 73.6-131        |  |  |      |
| Methylene chloride                     | 0.017         | 0.0005 | mg/L | 0.0200        |  | 87.1        | 75.1-138        |  |  |      |
| Naphthalene                            | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.6        | 55.4-142        |  |  |      |
| n-Butylbenzene                         | 0.022         | 0.0005 | mg/L | 0.0200        |  | 110         | 72.8-143        |  |  |      |
| n-Propylbenzene                        | 0.020         | 0.0005 | mg/L | 0.0200        |  | 97.6        | 79.8-127        |  |  |      |
| o-Xylene                               | 0.019         | 0.0005 | mg/L | 0.0200        |  | 96.7        | 72.3-124        |  |  |      |
| p-Isopropyltoluene                     | 0.022         | 0.0005 | mg/L | 0.0200        |  | 111         | 72-135          |  |  |      |
| sec-Butylbenzene                       | 0.020         | 0.0005 | mg/L | 0.0200        |  | 102         | 78.6-130        |  |  |      |
| Styrene                                | 0.019         | 0.0005 | mg/L | 0.0200        |  | 94.4        | 78.9-119        |  |  |      |
| tert-Butylbenzene                      | 0.024         | 0.0005 | mg/L | 0.0200        |  | 118         | 79.8-126        |  |  |      |
| Tetrachloroethene                      | 0.023         | 0.0005 | mg/L | 0.0200        |  | 116         | 76.9-130        |  |  |      |
| Toluene                                | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.4        | 76.3-120        |  |  |      |
| <i>Surrogate: Toluene-d8</i>           | <i>0.0240</i> |        | mg/L | <i>0.0250</i> |  | <i>95.8</i> | <i>82.5-115</i> |  |  |      |
| Total Xylenes                          | 0.057         | 0.001  | mg/L | 0.0600        |  | 95.7        | 75.9-126        |  |  |      |
| trans-1,2-Dichloroethene               | 0.019         | 0.0005 | mg/L | 0.0200        |  | 92.6        | 78.3-134        |  |  |      |
| trans-1,3-Dichloropropene              | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.9        | 74.4-126        |  |  |      |
| trans-1,4-Dichloro-2-butene            | 0.042         | 0.010  | mg/L | 0.0400        |  | 104         | 7.48-201        |  |  |      |
| Trichloroethene                        | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.8        | 77.5-118        |  |  |      |
| Trichlorofluoromethane                 | 0.027         | 0.0005 | mg/L | 0.0200        |  | 136         | 63.7-149        |  |  |      |
| Vinyl acetate                          | 0.039         | 0.0005 | mg/L | 0.0200        |  | 193         | 19.3-171        |  |  | BS-3 |
| Vinyl chloride                         | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.8        | 64.9-141        |  |  |      |

#### LCS Dup (5092638-BSD1)

Prepared & Analyzed: 09/26/25

|                           |       |        |      |        |  |     |          |      |      |  |
|---------------------------|-------|--------|------|--------|--|-----|----------|------|------|--|
| 1,1,1,2-Tetrachloroethane | 0.021 | 0.0005 | mg/L | 0.0200 |  | 106 | 83.1-120 | 3.15 | 6.88 |  |
|---------------------------|-------|--------|------|--------|--|-----|----------|------|------|--|

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Reporting Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
10/01/25 17:02

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5092638 - Volatiles (Continued)

#### LCS Dup (5092638-BSD1) (Continued)

Prepared & Analyzed: 09/26/25

|                                        |               |        |      |               |  |            |                 |       |      |       |
|----------------------------------------|---------------|--------|------|---------------|--|------------|-----------------|-------|------|-------|
| 1,1,1-Trichloroethane                  | 0.023         | 0.0005 | mg/L | 0.0200        |  | 115        | 50.3-160        | 7.43  | 7.43 |       |
| 1,1,2,2-Tetrachloroethane              | 0.015         | 0.0005 | mg/L | 0.0200        |  | 73.4       | 48-136          | 4.60  | 8.68 |       |
| 1,1,2-Trichloroethane                  | 0.016         | 0.0005 | mg/L | 0.0200        |  | 80.3       | 73.8-123        | 6.36  | 6.82 |       |
| 1,1-Dichloroethane                     | 0.016         | 0.0005 | mg/L | 0.0200        |  | 80.9       | 72.8-131        | 9.03  | 4.3  | QR-04 |
| 1,1-Dichloroethene                     | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.6       | 77.6-137        | 6.67  | 16.5 |       |
| 1,1-Dichloropropene                    | 0.018         | 0.0005 | mg/L | 0.0200        |  | 91.4       | 54.5-156        | 5.94  | 5.47 | QR-04 |
| 1,2,3-Trichlorobenzene                 | 0.023         | 0.0005 | mg/L | 0.0200        |  | 113        | 66.2-149        | 0.398 | 43   |       |
| 1,2,4-Trichlorobenzene                 | 0.021         | 0.0005 | mg/L | 0.0200        |  | 107        | 63.3-150        | 1.99  | 22.3 |       |
| 1,2,4-Trimethylbenzene                 | 0.022         | 0.0005 | mg/L | 0.0200        |  | 111        | 79.1-124        | 1.38  | 8.94 |       |
| 1,2-Dibromo-3-chloropropane            | 0.018         | 0.0005 | mg/L | 0.0200        |  | 88.6       | 34.9-149        | 6.89  | 15.1 |       |
| 1,2-Dibromoethane                      | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.0       | 78.5-122        | 7.35  | 5.83 | QR-04 |
| 1,2-Dichlorobenzene                    | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.6       | 84.3-120        | 0.503 | 8.72 |       |
| 1,2-Dichloroethane                     | 0.022         | 0.0005 | mg/L | 0.0200        |  | 112        | 70.4-125        | 0.312 | 8.94 |       |
| 1,2-Dichloropropane                    | 0.015         | 0.0005 | mg/L | 0.0200        |  | 77.0       | 73.3-122        | 6.84  | 5.51 | QR-04 |
| 1,3,5-Trimethylbenzene                 | 0.023         | 0.0005 | mg/L | 0.0200        |  | 113        | 77.3-127        | 3.94  | 16.5 |       |
| 1,3-Dichlorobenzene                    | 0.021         | 0.0005 | mg/L | 0.0200        |  | 104        | 84.5-124        | 8.08  | 9    |       |
| 1,3-Dichloropropane                    | 0.016         | 0.0005 | mg/L | 0.0200        |  | 79.4       | 76-124          | 2.98  | 6.06 |       |
| 1,4-Dichlorobenzene                    | 0.019         | 0.0005 | mg/L | 0.0200        |  | 96.8       | 83.2-121        | 3.15  | 7.71 |       |
| 1,4-Dioxane                            | 0.253         | 0.020  | mg/L | 0.400         |  | 63.3       | 26-195          | 3.18  | 35.2 |       |
| 1,2,3-trichloropropane                 | 0.014         | 0.0005 | mg/L | 0.0200        |  | 71.2       | 56.5-127        | 2.35  | 49.2 |       |
| 2,2-Dichloropropane                    | 0.025         | 0.0005 | mg/L | 0.0200        |  | 123        | 69.4-132        | 4.47  | 9.62 |       |
| 2-Butanone                             | 0.033         | 0.002  | mg/L | 0.0400        |  | 82.9       | 40.9-157        | 12.3  | 14.2 |       |
| 2-Chlorotoluene                        | 0.019         | 0.0005 | mg/L | 0.0200        |  | 97.1       | 76.4-123        | 3.14  | 8.62 |       |
| 2-Hexanone                             | 0.027         | 0.001  | mg/L | 0.0400        |  | 67.9       | 15.4-157        | 6.98  | 7.28 |       |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>0.0266</i> |        | mg/L | <i>0.0250</i> |  | <i>106</i> | <i>79.1-111</i> |       |      |       |
| 4-Chlorotoluene                        | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101        | 78.7-126        | 0.347 | 15.5 |       |
| 4-Methyl-2-pentanone                   | 0.027         | 0.001  | mg/L | 0.0400        |  | 68.6       | 31.4-146        | 7.69  | 7.57 | QR-04 |
| Acetone                                | 0.028         | 0.010  | mg/L | 0.0400        |  | 70.6       | 49.7-187        | 21.0  | 30.5 |       |
| Acrolein                               | 0.123         | 0.005  | mg/L | 0.200         |  | 61.3       | 4.88-190        | 7.59  | 22.4 |       |
| Acrylonitrile                          | 0.035         | 0.002  | mg/L | 0.0400        |  | 87.6       | 52.6-154        | 0.343 | 7.62 |       |
| Benzene                                | 0.017         | 0.0005 | mg/L | 0.0200        |  | 84.4       | 82.4-116        | 7.47  | 4.16 | QR-04 |
| Bromobenzene                           | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.4       | 81.5-121        | 0.402 | 8.41 |       |
| Bromochloromethane                     | 0.019         | 0.0005 | mg/L | 0.0200        |  | 92.7       | 67.4-139        | 7.23  | 5.16 | QR-04 |
| Bromodichloromethane                   | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.0       | 76.5-119        | 4.23  | 5.36 |       |
| Bromoform                              | 0.021         | 0.0005 | mg/L | 0.0200        |  | 103        | 64.6-130        | 0.291 | 14.1 |       |
| Bromomethane                           | 0.016         | 0.0005 | mg/L | 0.0200        |  | 79.5       | 63.3-139        | 16.0  | 21.5 |       |
| Carbon disulfide                       | 0.031         | 0.001  | mg/L | 0.0400        |  | 77.8       | 66.8-157        | 13.1  | 20.3 |       |
| Carbon tetrachloride                   | 0.029         | 0.0005 | mg/L | 0.0200        |  | 146        | 73.9-135        | 6.85  | 11.4 | BS-3  |
| Chlorobenzene                          | 0.019         | 0.0005 | mg/L | 0.0200        |  | 94.6       | 83.5-117        | 0.369 | 5.18 |       |

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Reporting Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
10/01/25 17:02

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5092638 - Volatiles (Continued)

#### LCS Dup (5092638-BSD1) (Continued)

Prepared & Analyzed: 09/26/25

|                                        |               |        |      |               |  |             |                 |        |      |       |
|----------------------------------------|---------------|--------|------|---------------|--|-------------|-----------------|--------|------|-------|
| Chloroethane                           | 0.013         | 0.0005 | mg/L | 0.0200        |  | 67.2        | 67.1-139        | 23.0   | 24.1 |       |
| Chloroform                             | 0.018         | 0.0005 | mg/L | 0.0200        |  | 92.3        | 72.8-130        | 4.60   | 5.15 |       |
| Chloromethane                          | 0.014         | 0.0005 | mg/L | 0.0200        |  | 68.7        | 45.8-153        | 7.70   | 27   |       |
| cis-1,2-Dichloroethene                 | 0.016         | 0.0005 | mg/L | 0.0200        |  | 80.6        | 75.7-128        | 5.90   | 5.73 | QR-04 |
| cis-1,3-Dichloropropene                | 0.015         | 0.0005 | mg/L | 0.0200        |  | 76.9        | 71.6-125        | 9.54   | 6.09 | QR-04 |
| Dibromochloromethane                   | 0.023         | 0.0005 | mg/L | 0.0200        |  | 113         | 78.8-123        | 1.05   | 7.24 |       |
| <i>Surrogate: Dibromofluoromethane</i> | <i>0.0259</i> |        | mg/L | <i>0.0250</i> |  | <i>104</i>  | <i>82.4-125</i> |        |      |       |
| Dibromomethane                         | 0.018         | 0.0005 | mg/L | 0.0200        |  | 91.2        | 77.8-119        | 2.06   | 5.75 |       |
| Dichlorodifluoromethane                | 0.022         | 0.0005 | mg/L | 0.0200        |  | 108         | 46.1-158        | 17.2   | 22.6 |       |
| Ethylbenzene                           | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.0        | 77.9-123        | 0.0510 | 4.83 |       |
| Hexachlorobutadiene                    | 0.024         | 0.0005 | mg/L | 0.0200        |  | 119         | 55.5-185        | 4.18   | 18.4 |       |
| Iodomethane                            | 0.037         | 0.001  | mg/L | 0.0400        |  | 92.5        | 74-137          | 8.94   | 24.3 |       |
| Isopropylbenzene                       | 0.019         | 0.0005 | mg/L | 0.0200        |  | 97.4        | 77.6-125        | 2.64   | 6.25 |       |
| m+p - Xylene                           | 0.038         | 0.001  | mg/L | 0.0400        |  | 95.5        | 76.6-128        | 0.367  | 5.77 |       |
| Methyl tert-butyl ether                | 0.038         | 0.001  | mg/L | 0.0400        |  | 96.2        | 73.6-131        | 0.338  | 12.8 |       |
| Methylene chloride                     | 0.016         | 0.0005 | mg/L | 0.0200        |  | 80.9        | 75.1-138        | 7.38   | 19.7 |       |
| Naphthalene                            | 0.018         | 0.0005 | mg/L | 0.0200        |  | 92.2        | 55.4-142        | 1.64   | 33.5 |       |
| n-Butylbenzene                         | 0.021         | 0.0005 | mg/L | 0.0200        |  | 104         | 72.8-143        | 6.26   | 10.1 |       |
| n-Propylbenzene                        | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.4        | 79.8-127        | 4.34   | 9.09 |       |
| o-Xylene                               | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.3        | 72.3-124        | 3.58   | 6.29 |       |
| p-Isopropyltoluene                     | 0.022         | 0.0005 | mg/L | 0.0200        |  | 112         | 72-135          | 0.761  | 9.26 |       |
| sec-Butylbenzene                       | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101         | 78.6-130        | 1.58   | 9.85 |       |
| Styrene                                | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.7        | 78.9-119        | 0.691  | 7.55 |       |
| tert-Butylbenzene                      | 0.023         | 0.0005 | mg/L | 0.0200        |  | 113         | 79.8-126        | 4.38   | 18.6 |       |
| Tetrachloroethene                      | 0.023         | 0.0005 | mg/L | 0.0200        |  | 115         | 76.9-130        | 0.998  | 6.38 |       |
| Toluene                                | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.9        | 76.3-120        | 2.77   | 5.67 |       |
| <i>Surrogate: Toluene-d8</i>           | <i>0.0242</i> |        | mg/L | <i>0.0250</i> |  | <i>96.8</i> | <i>82.5-115</i> |        |      |       |
| Total Xylenes                          | 0.057         | 0.001  | mg/L | 0.0600        |  | 94.8        | 75.9-126        | 0.945  | 5.83 |       |
| trans-1,2-Dichloroethene               | 0.018         | 0.0005 | mg/L | 0.0200        |  | 87.6        | 78.3-134        | 5.55   | 19.1 |       |
| trans-1,3-Dichloropropene              | 0.018         | 0.0005 | mg/L | 0.0200        |  | 92.4        | 74.4-126        | 1.61   | 6.26 |       |
| trans-1,4-Dichloro-2-butene            | 0.034         | 0.010  | mg/L | 0.0400        |  | 85.2        | 7.48-201        | 19.8   | 92.8 |       |
| Trichloroethene                        | 0.018         | 0.0005 | mg/L | 0.0200        |  | 88.6        | 77.5-118        | 7.76   | 4.92 | QR-04 |
| Trichlorofluoromethane                 | 0.023         | 0.0005 | mg/L | 0.0200        |  | 117         | 63.7-149        | 15.1   | 19.8 |       |
| Vinyl acetate                          | 0.040         | 0.0005 | mg/L | 0.0200        |  | 202         | 19.3-171        | 4.91   | 7.84 | BS-3  |
| Vinyl chloride                         | 0.016         | 0.0005 | mg/L | 0.0200        |  | 78.0        | 64.9-141        | 15.2   | 23   |       |

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Reporting Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
10/01/25 17:02

### Notes and Definitions

|       |                                                                                                                                     |
|-------|-------------------------------------------------------------------------------------------------------------------------------------|
| TEMP  | Samples received out of required temperature of 6°C or below.                                                                       |
| QR-04 | The RPD for the BS/BSD was outside of historical limits.                                                                            |
| BS-3  | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected. |
| DET   | Analyte DETECTED                                                                                                                    |
| ND    | Analyte NOT DETECTED at or above the reporting limit                                                                                |
| NR    | Not Reported                                                                                                                        |
| dry   | Sample results reported on a dry weight basis<br>*Results reported on as received basis unless designated as dry.                   |
| RPD   | Relative Percent Difference                                                                                                         |
| LCS   | Laboratory Control Sample (Blank Spike)                                                                                             |
| RL    | Report Limit                                                                                                                        |
| MDL   | Method Detection Limit                                                                                                              |

Green Analytical Laboratories

A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Reporting Station For Jeremy D Allen, Laboratory Director

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Date/Initials of p  
examining contents: 9.17.25Labeled by initials: \_\_\_\_\_  
(if different than above)

## SAMPLE CONDITION RECEIPT FORM

Client Name: CottonwoodWork Order # 2509-229Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Kangaroo ☐ Third Party ☐ OtherCustody Seals on Box/Cooler Present: ☐ Yes ☒ No Seals Intact: ☐ Yes ☐ No GAL Cooler #: \_\_\_\_\_Thermometer Used: #2 Samples on ice, cooling process has begun: ☒ Yes ☐ NoType of Ice: ☒ Wet ☐ Blue ☐ None Cooler Temp: \_\_\_\_\_ Observed Temp: 16.5 °C Correction Factor: 0 °C Final Temp: 16.5 °C

\*Temp should be above freezing 6°C

Compliance: ☐ Yes ☒ No

|                                                                                  |                                                                                                  |     |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|
| Chain of Custody Filled Out:                                                     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 1.  |
| COC Signed when Relinquished and Received:                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 2.  |
| Sampler Name and Signature on COC:<br>*Required for compliance                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 3.  |
| Samples arrived within hold time:<br>(Excluding pH)                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 4.  |
| Correct Containers Used & Intact:                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 5.  |
| Short Hold Time Analysis (<72hr):<br>(Excluding pH)                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 6.  |
| Rush Turn Around Time Requested:                                                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 7.  |
| Sufficient Volume:                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 8.  |
| pH's acceptable upon receipt, where applicable:<br>*Not including metals bottles | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 9.  |
| Dissolved Testing Needed:                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 10. |
| Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No         |                                                                                                  |     |
| Sample Labels match COC:<br>-Includes Date/Time/ID                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 11. |
| Matrix:                                                                          | <input checked="" type="checkbox"/> WT <input type="checkbox"/> SL <input type="checkbox"/> OT   |     |
| Trip Blank Present:                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 12. |
| Trip Blank Custody Seals Present:                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |     |
| VOA's meet headspace requirement (<6mm bubbles)                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |     |
| Non-Conformance(s):                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 13. |

Client Notification/Resolution:

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/Resolution: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



75 Suttle Street  
Durango, CO 81303  
970.247.4220 Phone  
jeremy.allen@greenanalytical.com

26 December 2025

Kyle Siesser  
Cottonwood Consulting  
PO Box 1653  
Durango, CO 81302  
RE: Sandoval GC A #001

Enclosed are the results of analyses for samples received by the laboratory on 12/10/25 15:50. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Jeremy D. Allen'. The signature is written in a cursive style and is contained within a light blue rectangular box.

Reporting Station For Jeremy D Allen  
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C25-00079

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C25-00101

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
12/26/25 10:35

#### ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  | Notes |
|-----------|---------------|--------|----------------|----------------|-------|
| MW #2     | 2512139-01    | Water  | 12/10/25 12:45 | 12/10/25 15:50 |       |

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A handwritten signature in black ink, reading 'Jeremy D. Allen', is displayed on a light blue rectangular background.

Reporting Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
12/26/25 10:35

## MW #2

**2512139-01 (Ground Water)**

**Sampled Date: 12/10/25 12:45**

**Sampled By: Kelsey O'Brien/Robert Cochran**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

### VOLATILES BY GC/MS

|                             |              |        |         |      |    |                |       |  |    |
|-----------------------------|--------------|--------|---------|------|----|----------------|-------|--|----|
| 1,1,1,2-Tetrachloroethane   | <0.0005      | 0.0005 | 0.00006 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,1,1-Trichloroethane       | <0.0005      | 0.0005 | 0.00006 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,1,2,2-Tetrachloroethane   | <0.0005      | 0.0005 | 0.00006 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,1,2-Trichloroethane       | <0.0005      | 0.0005 | 0.00006 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,1-Dichloroethane          | <0.0005      | 0.0005 | 0.0002  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,1-Dichloroethene          | <0.0005      | 0.0005 | 0.0002  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,1-Dichloropropene         | <0.0005      | 0.0005 | 0.0002  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,2,3-Trichlorobenzene      | <0.0005      | 0.0005 | 0.0002  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,2,4-Trichlorobenzene      | <0.0005      | 0.0005 | 0.0001  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,2,4-Trimethylbenzene      | <b>0.108</b> | 0.010  | 0.0009  | mg/L | 20 | 12/20/25 00:30 | 8260B |  | SK |
| 1,2-Dibromo-3-chloropropane | <0.0005      | 0.0005 | 0.0005  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,2-Dibromoethane           | <0.0005      | 0.0005 | 0.00009 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,2-Dichlorobenzene         | <0.0005      | 0.0005 | 0.00007 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,2-Dichloroethane          | <0.0005      | 0.0005 | 0.00006 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,2-Dichloropropane         | <0.0005      | 0.0005 | 0.00008 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,3,5-Trimethylbenzene      | <b>0.002</b> | 0.0005 | 0.00004 | mg/L | 1  | 12/20/25 00:30 | 8260B |  | SK |
| 1,3-Dichlorobenzene         | <0.0005      | 0.0005 | 0.00005 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,3-Dichloropropane         | <0.0005      | 0.0005 | 0.0001  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,4-Dichlorobenzene         | <0.0005      | 0.0005 | 0.00004 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,4-Dioxane                 | <0.020       | 0.020  | 0.020   | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 1,2,3-trichloropropane      | <0.0005      | 0.0005 | 0.0001  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 2,2-Dichloropropane         | <0.0005      | 0.0005 | 0.0005  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 2-Butanone                  | <b>0.009</b> | 0.002  | 0.002   | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 2-Chlorotoluene             | <0.0005      | 0.0005 | 0.00004 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 2-Hexanone                  | <b>0.002</b> | 0.001  | 0.0003  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 4-Chlorotoluene             | <0.0005      | 0.0005 | 0.00004 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| 4-Methyl-2-pentanone        | <b>0.042</b> | 0.001  | 0.0001  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Acetone                     | <0.010       | 0.010  | 0.0009  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
12/26/25 10:35

### MW #2

2512139-01 (Ground Water)

Sampled Date: 12/10/25 12:45

Sampled By: Kelsey O'Brien/Robert Cochran

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

### VOLATILES BY GC/MS

|                         |         |        |         |      |    |                |       |  |    |
|-------------------------|---------|--------|---------|------|----|----------------|-------|--|----|
| Acrolein                | <0.005  | 0.005  | 0.001   | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Acrylonitrile           | <0.002  | 0.002  | 0.0008  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Benzene                 | 1.24    | 0.010  | 0.0009  | mg/L | 20 | 12/20/25 00:30 | 8260B |  | SK |
| Bromobenzene            | <0.0005 | 0.0005 | 0.00006 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Bromochloromethane      | <0.0005 | 0.0005 | 0.0001  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Bromodichloromethane    | <0.0005 | 0.0005 | 0.00004 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Bromoform               | <0.0005 | 0.0005 | 0.00009 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Bromomethane            | <0.0005 | 0.0005 | 0.0005  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Carbon disulfide        | 0.004   | 0.001  | 0.0001  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Carbon tetrachloride    | <0.0005 | 0.0005 | 0.0002  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Chlorobenzene           | <0.0005 | 0.0005 | 0.00004 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Chloroethane            | <0.0005 | 0.0005 | 0.0005  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Chloroform              | <0.0005 | 0.0005 | 0.00002 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Chloromethane           | <0.0005 | 0.0005 | 0.0005  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| cis-1,2-Dichloroethene  | <0.0005 | 0.0005 | 0.0002  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| cis-1,3-Dichloropropene | <0.0005 | 0.0005 | 0.00009 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Dibromochloromethane    | <0.0005 | 0.0005 | 0.00008 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Dibromomethane          | <0.0005 | 0.0005 | 0.0002  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Dichlorodifluoromethane | <0.0005 | 0.0005 | 0.0005  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Ethylbenzene            | 0.120   | 0.010  | 0.0006  | mg/L | 20 | 12/20/25 00:30 | 8260B |  | SK |
| Hexachlorobutadiene     | <0.0005 | 0.0005 | 0.0005  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Iodomethane             | <0.001  | 0.001  | 0.00006 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Isopropylbenzene        | 0.010   | 0.0005 | 0.00002 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| m+p - Xylene            | 0.059   | 0.020  | 0.002   | mg/L | 20 | 12/20/25 00:30 | 8260B |  | SK |
| Methyl tert-butyl ether | <0.001  | 0.001  | 0.0002  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Methylene chloride      | <0.0005 | 0.0005 | 0.0005  | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| Naphthalene             | 0.022   | 0.0005 | 0.00008 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| n-Butylbenzene          | <0.0005 | 0.0005 | 0.00007 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| n-Propylbenzene         | 0.006   | 0.0005 | 0.00005 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |
| o-Xylene                | 0.024   | 0.010  | 0.003   | mg/L | 20 | 12/20/25 00:30 | 8260B |  | SK |
| p-Isopropyltoluene      | 0.011   | 0.0005 | 0.00004 | mg/L | 1  | 12/18/25 20:11 | 8260B |  | SK |

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
12/26/25 10:35

### MW #2

**2512139-01 (Ground Water)**

**Sampled Date: 12/10/25 12:45**

**Sampled By: Kelsey O'Brien/Robert Cochran**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

### VOLATILES BY GC/MS

|                                 |         |        |         |          |    |                |       |      |    |
|---------------------------------|---------|--------|---------|----------|----|----------------|-------|------|----|
| sec-Butylbenzene                | 0.004   | 0.0005 | 0.00004 | mg/L     | 1  | 12/18/25 20:11 | 8260B |      | SK |
| Styrene                         | <0.0005 | 0.0005 | 0.0001  | mg/L     | 1  | 12/18/25 20:11 | 8260B |      | SK |
| tert-Butylbenzene               | 0.0008  | 0.0005 | 0.00007 | mg/L     | 1  | 12/18/25 20:11 | 8260B |      | SK |
| Tetrachloroethene               | <0.0005 | 0.0005 | 0.00009 | mg/L     | 1  | 12/18/25 20:11 | 8260B |      | SK |
| Toluene                         | 0.001   | 0.0005 | 0.00008 | mg/L     | 1  | 12/20/25 00:30 | 8260B |      | SK |
| Total Xylenes                   | 0.082   | 0.020  | 0.004   | mg/L     | 20 | 12/20/25 00:30 | 8260B |      | SK |
| trans-1,2-Dichloroethene        | <0.0005 | 0.0005 | 0.0001  | mg/L     | 1  | 12/18/25 20:11 | 8260B |      | SK |
| trans-1,3-Dichloropropene       | <0.0005 | 0.0005 | 0.00005 | mg/L     | 1  | 12/18/25 20:11 | 8260B |      | SK |
| trans-1,4-Dichloro-2-butene     | <0.010  | 0.010  | 0.0003  | mg/L     | 1  | 12/18/25 20:11 | 8260B |      | SK |
| Trichloroethene                 | <0.0005 | 0.0005 | 0.0002  | mg/L     | 1  | 12/18/25 20:11 | 8260B |      | SK |
| Trichlorofluoromethane          | <0.0005 | 0.0005 | 0.0001  | mg/L     | 1  | 12/18/25 20:11 | 8260B |      | SK |
| Vinyl acetate                   | <0.0005 | 0.0005 | 0.0005  | mg/L     | 1  | 12/18/25 20:11 | 8260B |      | SK |
| Vinyl chloride                  | <0.0005 | 0.0005 | 0.0005  | mg/L     | 1  | 12/18/25 20:11 | 8260B |      | SK |
| Surrogate: 4-Bromofluorobenzene |         |        | 113 %   | 79.1-111 |    | 12/18/25 20:11 | 8260B | S-04 | SK |
| Surrogate: Dibromofluoromethane |         |        | 97.8 %  | 82.4-125 |    | 12/18/25 20:11 | 8260B |      | SK |
| Surrogate: Toluene-d8           |         |        | 105 %   | 82.5-115 |    | 12/18/25 20:11 | 8260B |      | SK |

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PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
12/26/25 10:35

### VOLATILES BY GC/MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5121702 - Volatiles

#### Blank (5121702-BLK1)

Prepared: 12/17/25 Analyzed: 12/18/25

|                             |    |        |      |
|-----------------------------|----|--------|------|
| 1,1,1,2-Tetrachloroethane   | ND | 0.0005 | mg/L |
| 1,1,1-Trichloroethane       | ND | 0.0005 | mg/L |
| 1,1,2,2-Tetrachloroethane   | ND | 0.0005 | mg/L |
| 1,1,2-Trichloroethane       | ND | 0.0005 | mg/L |
| 1,1-Dichloroethane          | ND | 0.0005 | mg/L |
| 1,1-Dichloroethene          | ND | 0.0005 | mg/L |
| 1,1-Dichloropropene         | ND | 0.0005 | mg/L |
| 1,2,3-Trichlorobenzene      | ND | 0.0005 | mg/L |
| 1,2,4-Trichlorobenzene      | ND | 0.0005 | mg/L |
| 1,2,4-Trimethylbenzene      | ND | 0.0005 | mg/L |
| 1,2-Dibromo-3-chloropropane | ND | 0.0005 | mg/L |
| 1,2-Dibromoethane           | ND | 0.0005 | mg/L |
| 1,2-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,2-Dichloroethane          | ND | 0.0005 | mg/L |
| 1,2-Dichloropropane         | ND | 0.0005 | mg/L |
| 1,3,5-Trimethylbenzene      | ND | 0.0005 | mg/L |
| 1,3-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,3-Dichloropropane         | ND | 0.0005 | mg/L |
| 1,4-Dichlorobenzene         | ND | 0.0005 | mg/L |
| 1,4-Dioxane                 | ND | 0.020  | mg/L |
| 1,2,3-trichloropropane      | ND | 0.0005 | mg/L |
| 2,2-Dichloropropane         | ND | 0.0005 | mg/L |
| 2-Butanone                  | ND | 0.002  | mg/L |
| 2-Chlorotoluene             | ND | 0.0005 | mg/L |
| 2-Hexanone                  | ND | 0.001  | mg/L |

|                                 |        |        |      |        |      |          |
|---------------------------------|--------|--------|------|--------|------|----------|
| Surrogate: 4-Bromofluorobenzene | 0.0453 |        | mg/L | 0.0500 | 90.6 | 79.1-111 |
| 4-Chlorotoluene                 | ND     | 0.0005 | mg/L |        |      |          |
| 4-Methyl-2-pentanone            | ND     | 0.001  | mg/L |        |      |          |
| Acetone                         | ND     | 0.010  | mg/L |        |      |          |
| Acrolein                        | ND     | 0.005  | mg/L |        |      |          |
| Acrylonitrile                   | ND     | 0.002  | mg/L |        |      |          |
| Benzene                         | ND     | 0.0005 | mg/L |        |      |          |
| Bromobenzene                    | ND     | 0.0005 | mg/L |        |      |          |
| Bromochloromethane              | ND     | 0.0005 | mg/L |        |      |          |
| Bromodichloromethane            | ND     | 0.0005 | mg/L |        |      |          |
| Bromoform                       | ND     | 0.0005 | mg/L |        |      |          |

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
12/26/25 10:35

**VOLATILES BY GC/MS - Quality Control  
(Continued)**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5121702 - Volatiles (Continued)**

**Blank (5121702-BLK1) (Continued)**

Prepared: 12/17/25 Analyzed: 12/18/25

|                                        |               |        |      |               |  |            |                 |  |  |  |
|----------------------------------------|---------------|--------|------|---------------|--|------------|-----------------|--|--|--|
| Bromomethane                           | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Carbon disulfide                       | ND            | 0.001  | mg/L |               |  |            |                 |  |  |  |
| Carbon tetrachloride                   | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Chlorobenzene                          | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Chloroethane                           | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Chloroform                             | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Chloromethane                          | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| cis-1,2-Dichloroethene                 | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| cis-1,3-Dichloropropene                | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Dibromochloromethane                   | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| <i>Surrogate: Dibromofluoromethane</i> | <i>0.0527</i> |        | mg/L | <i>0.0500</i> |  | <i>105</i> | <i>82.4-125</i> |  |  |  |
| Dibromomethane                         | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Dichlorodifluoromethane                | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Ethylbenzene                           | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Hexachlorobutadiene                    | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Iodomethane                            | ND            | 0.001  | mg/L |               |  |            |                 |  |  |  |
| Isopropylbenzene                       | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| m+p - Xylene                           | ND            | 0.001  | mg/L |               |  |            |                 |  |  |  |
| Methyl tert-butyl ether                | ND            | 0.001  | mg/L |               |  |            |                 |  |  |  |
| Methylene chloride                     | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Naphthalene                            | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| n-Butylbenzene                         | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| n-Propylbenzene                        | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| o-Xylene                               | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| p-Isopropyltoluene                     | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| sec-Butylbenzene                       | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Styrene                                | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| tert-Butylbenzene                      | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Tetrachloroethene                      | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Toluene                                | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| <i>Surrogate: Toluene-d8</i>           | <i>0.0543</i> |        | mg/L | <i>0.0500</i> |  | <i>109</i> | <i>82.5-115</i> |  |  |  |
| Total Xylenes                          | ND            | 0.001  | mg/L |               |  |            |                 |  |  |  |
| trans-1,2-Dichloroethene               | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| trans-1,3-Dichloropropene              | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| trans-1,4-Dichloro-2-butene            | ND            | 0.010  | mg/L |               |  |            |                 |  |  |  |
| Trichloroethene                        | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Trichlorofluoromethane                 | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Vinyl acetate                          | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |
| Vinyl chloride                         | ND            | 0.0005 | mg/L |               |  |            |                 |  |  |  |

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Reporting Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
12/26/25 10:35

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5121702 - Volatiles (Continued)

#### LCS (5121702-BS1)

Prepared: 12/17/25 Analyzed: 12/18/25

|                                 |        |        |      |        |  |      |          |  |  |     |
|---------------------------------|--------|--------|------|--------|--|------|----------|--|--|-----|
| 1,1,1,2-Tetrachloroethane       | 0.022  | 0.0005 | mg/L | 0.0200 |  | 108  | 83.1-120 |  |  |     |
| 1,1,1-Trichloroethane           | 0.021  | 0.0005 | mg/L | 0.0200 |  | 103  | 50.3-160 |  |  |     |
| 1,1,2,2-Tetrachloroethane       | 0.019  | 0.0005 | mg/L | 0.0200 |  | 93.0 | 48-136   |  |  |     |
| 1,1,2-Trichloroethane           | 0.021  | 0.0005 | mg/L | 0.0200 |  | 104  | 73.8-123 |  |  |     |
| 1,1-Dichloroethane              | 0.021  | 0.0005 | mg/L | 0.0200 |  | 105  | 72.8-131 |  |  |     |
| 1,1-Dichloroethene              | 0.020  | 0.0005 | mg/L | 0.0200 |  | 102  | 77.6-137 |  |  |     |
| 1,1-Dichloropropene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 101  | 54.5-156 |  |  |     |
| 1,2,3-Trichlorobenzene          | 0.019  | 0.0005 | mg/L | 0.0200 |  | 95.5 | 66.2-149 |  |  |     |
| 1,2,4-Trichlorobenzene          | 0.018  | 0.0005 | mg/L | 0.0200 |  | 89.8 | 63.3-150 |  |  |     |
| 1,2,4-Trimethylbenzene          | 0.018  | 0.0005 | mg/L | 0.0200 |  | 90.8 | 79.1-124 |  |  |     |
| 1,2-Dibromo-3-chloropropane     | 0.020  | 0.0005 | mg/L | 0.0200 |  | 98.7 | 34.9-149 |  |  |     |
| 1,2-Dibromoethane               | 0.020  | 0.0005 | mg/L | 0.0200 |  | 100  | 78.5-122 |  |  |     |
| 1,2-Dichlorobenzene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 100  | 84.3-120 |  |  |     |
| 1,2-Dichloroethane              | 0.017  | 0.0005 | mg/L | 0.0200 |  | 87.4 | 70.4-125 |  |  |     |
| 1,2-Dichloropropane             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 94.8 | 73.3-122 |  |  |     |
| 1,3,5-Trimethylbenzene          | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.0 | 77.3-127 |  |  |     |
| 1,3-Dichlorobenzene             | 0.021  | 0.0005 | mg/L | 0.0200 |  | 103  | 84.5-124 |  |  |     |
| 1,3-Dichloropropane             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 97.6 | 76-124   |  |  |     |
| 1,4-Dichlorobenzene             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 95.4 | 83.2-121 |  |  |     |
| 1,4-Dioxane                     | 0.386  | 0.020  | mg/L | 0.400  |  | 96.6 | 26-195   |  |  |     |
| 1,2,3-trichloropropane          | 0.019  | 0.0005 | mg/L | 0.0200 |  | 96.7 | 56.5-127 |  |  |     |
| 2,2-Dichloropropane             | 0.022  | 0.0005 | mg/L | 0.0200 |  | 111  | 69.4-132 |  |  |     |
| 2-Butanone                      | 0.037  | 0.002  | mg/L | 0.0400 |  | 91.3 | 40.9-157 |  |  |     |
| 2-Chlorotoluene                 | 0.019  | 0.0005 | mg/L | 0.0200 |  | 95.8 | 76.4-123 |  |  |     |
| 2-Hexanone                      | 0.032  | 0.001  | mg/L | 0.0400 |  | 80.6 | 15.4-157 |  |  |     |
| Surrogate: 4-Bromofluorobenzene | 0.0515 |        | mg/L | 0.0500 |  | 103  | 79.1-111 |  |  |     |
| 4-Chlorotoluene                 | 0.018  | 0.0005 | mg/L | 0.0200 |  | 91.8 | 78.7-126 |  |  |     |
| 4-Methyl-2-pentanone            | 0.034  | 0.001  | mg/L | 0.0400 |  | 84.8 | 31.4-146 |  |  |     |
| Acetone                         | 0.038  | 0.010  | mg/L | 0.0400 |  | 95.5 | 49.7-187 |  |  |     |
| Acrolein                        | 0.538  | 0.005  | mg/L | 0.200  |  | 269  | 4.88-190 |  |  | BS1 |
| Acrylonitrile                   | 0.040  | 0.002  | mg/L | 0.0400 |  | 99.2 | 52.6-154 |  |  |     |
| Benzene                         | 0.019  | 0.0005 | mg/L | 0.0200 |  | 94.0 | 82.4-116 |  |  |     |
| Bromobenzene                    | 0.020  | 0.0005 | mg/L | 0.0200 |  | 101  | 81.5-121 |  |  |     |
| Bromochloromethane              | 0.020  | 0.0005 | mg/L | 0.0200 |  | 101  | 67.4-139 |  |  |     |
| Bromodichloromethane            | 0.020  | 0.0005 | mg/L | 0.0200 |  | 98.9 | 76.5-119 |  |  |     |
| Bromoform                       | 0.020  | 0.0005 | mg/L | 0.0200 |  | 101  | 64.6-130 |  |  |     |
| Bromomethane                    | 0.020  | 0.0005 | mg/L | 0.0200 |  | 97.6 | 63.3-139 |  |  |     |
| Carbon disulfide                | 0.038  | 0.001  | mg/L | 0.0400 |  | 96.1 | 66.8-157 |  |  |     |
| Carbon tetrachloride            | 0.023  | 0.0005 | mg/L | 0.0200 |  | 113  | 73.9-135 |  |  |     |

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
12/26/25 10:35

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5121702 - Volatiles (Continued)

#### LCS (5121702-BS1) (Continued)

Prepared: 12/17/25 Analyzed: 12/18/25

|                                        |               |        |      |               |  |             |                 |  |  |  |
|----------------------------------------|---------------|--------|------|---------------|--|-------------|-----------------|--|--|--|
| Chlorobenzene                          | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101         | 83.5-117        |  |  |  |
| Chloroethane                           | 0.019         | 0.0005 | mg/L | 0.0200        |  | 92.8        | 67.1-139        |  |  |  |
| Chloroform                             | 0.021         | 0.0005 | mg/L | 0.0200        |  | 103         | 72.8-130        |  |  |  |
| Chloromethane                          | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.0        | 45.8-153        |  |  |  |
| cis-1,2-Dichloroethene                 | 0.021         | 0.0005 | mg/L | 0.0200        |  | 107         | 75.7-128        |  |  |  |
| cis-1,3-Dichloropropene                | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101         | 71.6-125        |  |  |  |
| Dibromochloromethane                   | 0.021         | 0.0005 | mg/L | 0.0200        |  | 104         | 78.8-123        |  |  |  |
| <i>Surrogate: Dibromofluoromethane</i> | <i>0.0497</i> |        | mg/L | <i>0.0500</i> |  | <i>99.3</i> | <i>82.4-125</i> |  |  |  |
| Dibromomethane                         | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.5        | 77.8-119        |  |  |  |
| Dichlorodifluoromethane                | 0.017         | 0.0005 | mg/L | 0.0200        |  | 87.4        | 46.1-158        |  |  |  |
| Ethylbenzene                           | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101         | 77.9-123        |  |  |  |
| Hexachlorobutadiene                    | 0.018         | 0.0005 | mg/L | 0.0200        |  | 92.1        | 55.5-185        |  |  |  |
| Iodomethane                            | 0.043         | 0.001  | mg/L | 0.0400        |  | 107         | 74-137          |  |  |  |
| Isopropylbenzene                       | 0.020         | 0.0005 | mg/L | 0.0200        |  | 97.6        | 77.6-125        |  |  |  |
| m+p - Xylene                           | 0.040         | 0.001  | mg/L | 0.0400        |  | 98.8        | 76.6-128        |  |  |  |
| Methyl tert-butyl ether                | 0.042         | 0.001  | mg/L | 0.0400        |  | 104         | 73.6-131        |  |  |  |
| Methylene chloride                     | 0.021         | 0.0005 | mg/L | 0.0200        |  | 105         | 75.1-138        |  |  |  |
| Naphthalene                            | 0.017         | 0.0005 | mg/L | 0.0200        |  | 86.0        | 55.4-142        |  |  |  |
| n-Butylbenzene                         | 0.018         | 0.0005 | mg/L | 0.0200        |  | 89.2        | 72.8-143        |  |  |  |
| n-Propylbenzene                        | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.7        | 79.8-127        |  |  |  |
| o-Xylene                               | 0.018         | 0.0005 | mg/L | 0.0200        |  | 91.4        | 72.3-124        |  |  |  |
| p-Isopropyltoluene                     | 0.019         | 0.0005 | mg/L | 0.0200        |  | 94.5        | 72-135          |  |  |  |
| sec-Butylbenzene                       | 0.019         | 0.0005 | mg/L | 0.0200        |  | 94.8        | 78.6-130        |  |  |  |
| Styrene                                | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101         | 78.9-119        |  |  |  |
| tert-Butylbenzene                      | 0.019         | 0.0005 | mg/L | 0.0200        |  | 96.6        | 79.8-126        |  |  |  |
| Tetrachloroethene                      | 0.022         | 0.0005 | mg/L | 0.0200        |  | 108         | 76.9-130        |  |  |  |
| Toluene                                | 0.020         | 0.0005 | mg/L | 0.0200        |  | 102         | 76.3-120        |  |  |  |
| <i>Surrogate: Toluene-d8</i>           | <i>0.0530</i> |        | mg/L | <i>0.0500</i> |  | <i>106</i>  | <i>82.5-115</i> |  |  |  |
| Total Xylenes                          | 0.058         | 0.001  | mg/L | 0.0600        |  | 96.4        | 75.9-126        |  |  |  |
| trans-1,2-Dichloroethene               | 0.021         | 0.0005 | mg/L | 0.0200        |  | 105         | 78.3-134        |  |  |  |
| trans-1,3-Dichloropropene              | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.2        | 74.4-126        |  |  |  |
| trans-1,4-Dichloro-2-butene            | 0.035         | 0.010  | mg/L | 0.0400        |  | 86.8        | 7.48-201        |  |  |  |
| Trichloroethene                        | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.4        | 77.5-118        |  |  |  |
| Trichlorofluoromethane                 | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.3        | 63.7-149        |  |  |  |
| Vinyl acetate                          | 0.019         | 0.0005 | mg/L | 0.0200        |  | 97.2        | 19.3-171        |  |  |  |
| Vinyl chloride                         | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.0        | 64.9-141        |  |  |  |

#### LCS Dup (5121702-BSD1)

Prepared: 12/17/25 Analyzed: 12/18/25

|                           |       |        |      |        |  |     |          |      |      |  |
|---------------------------|-------|--------|------|--------|--|-----|----------|------|------|--|
| 1,1,1,2-Tetrachloroethane | 0.021 | 0.0005 | mg/L | 0.0200 |  | 105 | 83.1-120 | 2.54 | 6.88 |  |
|---------------------------|-------|--------|------|--------|--|-----|----------|------|------|--|

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

Reported:  
12/26/25 10:35

### VOLATILES BY GC/MS - Quality Control (Continued)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 5121702 - Volatiles (Continued)

#### LCS Dup (5121702-BSD1) (Continued)

Prepared: 12/17/25 Analyzed: 12/18/25

|                                 |        |        |      |        |  |      |          |        |      |       |
|---------------------------------|--------|--------|------|--------|--|------|----------|--------|------|-------|
| 1,1,1-Trichloroethane           | 0.020  | 0.0005 | mg/L | 0.0200 |  | 101  | 50.3-160 | 2.55   | 7.43 |       |
| 1,1,2,2-Tetrachloroethane       | 0.018  | 0.0005 | mg/L | 0.0200 |  | 91.8 | 48-136   | 1.30   | 8.68 |       |
| 1,1,2-Trichloroethane           | 0.021  | 0.0005 | mg/L | 0.0200 |  | 103  | 73.8-123 | 0.434  | 6.82 |       |
| 1,1-Dichloroethane              | 0.020  | 0.0005 | mg/L | 0.0200 |  | 102  | 72.8-131 | 3.25   | 4.3  |       |
| 1,1-Dichloroethene              | 0.019  | 0.0005 | mg/L | 0.0200 |  | 97.1 | 77.6-137 | 4.43   | 16.5 |       |
| 1,1-Dichloropropene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.8 | 54.5-156 | 1.34   | 5.47 |       |
| 1,2,3-Trichlorobenzene          | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.2 | 66.2-149 | 3.80   | 43   |       |
| 1,2,4-Trichlorobenzene          | 0.019  | 0.0005 | mg/L | 0.0200 |  | 93.6 | 63.3-150 | 4.14   | 22.3 |       |
| 1,2,4-Trimethylbenzene          | 0.018  | 0.0005 | mg/L | 0.0200 |  | 89.2 | 79.1-124 | 1.78   | 8.94 |       |
| 1,2-Dibromo-3-chloropropane     | 0.019  | 0.0005 | mg/L | 0.0200 |  | 95.7 | 34.9-149 | 3.14   | 15.1 |       |
| 1,2-Dibromoethane               | 0.020  | 0.0005 | mg/L | 0.0200 |  | 98.5 | 78.5-122 | 2.01   | 5.83 |       |
| 1,2-Dichlorobenzene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 98.0 | 84.3-120 | 2.27   | 8.72 |       |
| 1,2-Dichloroethane              | 0.018  | 0.0005 | mg/L | 0.0200 |  | 87.5 | 70.4-125 | 0.172  | 8.94 |       |
| 1,2-Dichloropropane             | 0.018  | 0.0005 | mg/L | 0.0200 |  | 92.0 | 73.3-122 | 2.94   | 5.51 |       |
| 1,3,5-Trimethylbenzene          | 0.019  | 0.0005 | mg/L | 0.0200 |  | 95.7 | 77.3-127 | 3.34   | 16.5 |       |
| 1,3-Dichlorobenzene             | 0.020  | 0.0005 | mg/L | 0.0200 |  | 100  | 84.5-124 | 2.61   | 9    |       |
| 1,3-Dichloropropane             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 96.4 | 76-124   | 1.19   | 6.06 |       |
| 1,4-Dichlorobenzene             | 0.019  | 0.0005 | mg/L | 0.0200 |  | 94.6 | 83.2-121 | 0.790  | 7.71 |       |
| 1,4-Dioxane                     | 0.316  | 0.020  | mg/L | 0.400  |  | 78.9 | 26-195   | 20.1   | 35.2 |       |
| 1,2,3-trichloropropane          | 0.019  | 0.0005 | mg/L | 0.0200 |  | 94.5 | 56.5-127 | 2.35   | 49.2 |       |
| 2,2-Dichloropropane             | 0.021  | 0.0005 | mg/L | 0.0200 |  | 107  | 69.4-132 | 3.21   | 9.62 |       |
| 2-Butanone                      | 0.034  | 0.002  | mg/L | 0.0400 |  | 85.8 | 40.9-157 | 6.21   | 14.2 |       |
| 2-Chlorotoluene                 | 0.019  | 0.0005 | mg/L | 0.0200 |  | 97.2 | 76.4-123 | 1.40   | 8.62 |       |
| 2-Hexanone                      | 0.031  | 0.001  | mg/L | 0.0400 |  | 77.0 | 15.4-157 | 4.57   | 7.28 |       |
| Surrogate: 4-Bromofluorobenzene | 0.0511 |        | mg/L | 0.0500 |  | 102  | 79.1-111 |        |      |       |
| 4-Chlorotoluene                 | 0.017  | 0.0005 | mg/L | 0.0200 |  | 86.2 | 78.7-126 | 6.18   | 15.5 |       |
| 4-Methyl-2-pentanone            | 0.033  | 0.001  | mg/L | 0.0400 |  | 83.4 | 31.4-146 | 1.66   | 7.57 |       |
| Acetone                         | 0.031  | 0.010  | mg/L | 0.0400 |  | 78.1 | 49.7-187 | 20.0   | 30.5 |       |
| Acrolein                        | 0.467  | 0.005  | mg/L | 0.200  |  | 233  | 4.88-190 | 14.1   | 22.4 | BS1   |
| Acrylonitrile                   | 0.037  | 0.002  | mg/L | 0.0400 |  | 91.9 | 52.6-154 | 7.64   | 7.62 | QR-04 |
| Benzene                         | 0.019  | 0.0005 | mg/L | 0.0200 |  | 93.6 | 82.4-116 | 0.426  | 4.16 |       |
| Bromobenzene                    | 0.020  | 0.0005 | mg/L | 0.0200 |  | 101  | 81.5-121 | 0.0493 | 8.41 |       |
| Bromochloromethane              | 0.020  | 0.0005 | mg/L | 0.0200 |  | 97.7 | 67.4-139 | 3.07   | 5.16 |       |
| Bromodichloromethane            | 0.019  | 0.0005 | mg/L | 0.0200 |  | 96.4 | 76.5-119 | 2.56   | 5.36 |       |
| Bromoform                       | 0.019  | 0.0005 | mg/L | 0.0200 |  | 96.4 | 64.6-130 | 4.46   | 14.1 |       |
| Bromomethane                    | 0.020  | 0.0005 | mg/L | 0.0200 |  | 102  | 63.3-139 | 4.60   | 21.5 |       |
| Carbon disulfide                | 0.036  | 0.001  | mg/L | 0.0400 |  | 91.1 | 66.8-157 | 5.31   | 20.3 |       |
| Carbon tetrachloride            | 0.022  | 0.0005 | mg/L | 0.0200 |  | 112  | 73.9-135 | 0.621  | 11.4 |       |
| Chlorobenzene                   | 0.020  | 0.0005 | mg/L | 0.0200 |  | 99.0 | 83.5-117 | 2.05   | 5.18 |       |

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Reporting Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
12/26/25 10:35

**VOLATILES BY GC/MS - Quality Control  
(Continued)**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5121702 - Volatiles (Continued)**

**LCS Dup (5121702-BSD1) (Continued)**

Prepared: 12/17/25 Analyzed: 12/18/25

|                                        |               |        |      |               |  |            |                 |        |      |  |
|----------------------------------------|---------------|--------|------|---------------|--|------------|-----------------|--------|------|--|
| Chloroethane                           | 0.018         | 0.0005 | mg/L | 0.0200        |  | 91.9       | 67.1-139        | 0.975  | 24.1 |  |
| Chloroform                             | 0.020         | 0.0005 | mg/L | 0.0200        |  | 102        | 72.8-130        | 1.03   | 5.15 |  |
| Chloromethane                          | 0.019         | 0.0005 | mg/L | 0.0200        |  | 92.9       | 45.8-153        | 0.108  | 27   |  |
| cis-1,2-Dichloroethene                 | 0.021         | 0.0005 | mg/L | 0.0200        |  | 104        | 75.7-128        | 3.17   | 5.73 |  |
| cis-1,3-Dichloropropene                | 0.020         | 0.0005 | mg/L | 0.0200        |  | 97.9       | 71.6-125        | 3.22   | 6.09 |  |
| Dibromochloromethane                   | 0.020         | 0.0005 | mg/L | 0.0200        |  | 101        | 78.8-123        | 3.06   | 7.24 |  |
| <i>Surrogate: Dibromofluoromethane</i> | <i>0.0506</i> |        | mg/L | <i>0.0500</i> |  | <i>101</i> | <i>82.4-125</i> |        |      |  |
| Dibromomethane                         | 0.019         | 0.0005 | mg/L | 0.0200        |  | 97.2       | 77.8-119        | 1.28   | 5.75 |  |
| Dichlorodifluoromethane                | 0.018         | 0.0005 | mg/L | 0.0200        |  | 87.9       | 46.1-158        | 0.628  | 22.6 |  |
| Ethylbenzene                           | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.8       | 77.9-123        | 2.60   | 4.83 |  |
| Hexachlorobutadiene                    | 0.018         | 0.0005 | mg/L | 0.0200        |  | 92.3       | 55.5-185        | 0.217  | 18.4 |  |
| Iodomethane                            | 0.041         | 0.001  | mg/L | 0.0400        |  | 102        | 74-137          | 4.96   | 24.3 |  |
| Isopropylbenzene                       | 0.019         | 0.0005 | mg/L | 0.0200        |  | 95.0       | 77.6-125        | 2.75   | 6.25 |  |
| m+p - Xylene                           | 0.039         | 0.001  | mg/L | 0.0400        |  | 96.4       | 76.6-128        | 2.46   | 5.77 |  |
| Methyl tert-butyl ether                | 0.040         | 0.001  | mg/L | 0.0400        |  | 100        | 73.6-131        | 3.79   | 12.8 |  |
| Methylene chloride                     | 0.020         | 0.0005 | mg/L | 0.0200        |  | 102        | 75.1-138        | 2.81   | 19.7 |  |
| Naphthalene                            | 0.018         | 0.0005 | mg/L | 0.0200        |  | 91.0       | 55.4-142        | 5.65   | 33.5 |  |
| n-Butylbenzene                         | 0.018         | 0.0005 | mg/L | 0.0200        |  | 88.8       | 72.8-143        | 0.449  | 10.1 |  |
| n-Propylbenzene                        | 0.018         | 0.0005 | mg/L | 0.0200        |  | 91.6       | 79.8-127        | 2.27   | 9.09 |  |
| o-Xylene                               | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.0       | 72.3-124        | 1.54   | 6.29 |  |
| p-Isopropyltoluene                     | 0.018         | 0.0005 | mg/L | 0.0200        |  | 92.5       | 72-135          | 2.09   | 9.26 |  |
| sec-Butylbenzene                       | 0.018         | 0.0005 | mg/L | 0.0200        |  | 92.5       | 78.6-130        | 2.46   | 9.85 |  |
| Styrene                                | 0.019         | 0.0005 | mg/L | 0.0200        |  | 97.4       | 78.9-119        | 3.48   | 7.55 |  |
| tert-Butylbenzene                      | 0.019         | 0.0005 | mg/L | 0.0200        |  | 93.9       | 79.8-126        | 2.83   | 18.6 |  |
| Tetrachloroethene                      | 0.021         | 0.0005 | mg/L | 0.0200        |  | 105        | 76.9-130        | 2.85   | 6.38 |  |
| Toluene                                | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.2       | 76.3-120        | 2.93   | 5.67 |  |
| <i>Surrogate: Toluene-d8</i>           | <i>0.0524</i> |        | mg/L | <i>0.0500</i> |  | <i>105</i> | <i>82.5-115</i> |        |      |  |
| Total Xylenes                          | 0.057         | 0.001  | mg/L | 0.0600        |  | 94.3       | 75.9-126        | 2.17   | 5.83 |  |
| trans-1,2-Dichloroethene               | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.6       | 78.3-134        | 4.85   | 19.1 |  |
| trans-1,3-Dichloropropene              | 0.020         | 0.0005 | mg/L | 0.0200        |  | 99.3       | 74.4-126        | 0.0504 | 6.26 |  |
| trans-1,4-Dichloro-2-butene            | 0.032         | 0.010  | mg/L | 0.0400        |  | 79.2       | 7.48-201        | 9.13   | 92.8 |  |
| Trichloroethene                        | 0.020         | 0.0005 | mg/L | 0.0200        |  | 98.6       | 77.5-118        | 0.758  | 4.92 |  |
| Trichlorofluoromethane                 | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.6       | 63.7-149        | 0.332  | 19.8 |  |
| Vinyl acetate                          | 0.018         | 0.0005 | mg/L | 0.0200        |  | 90.2       | 19.3-171        | 7.36   | 7.84 |  |
| Vinyl chloride                         | 0.018         | 0.0005 | mg/L | 0.0200        |  | 91.6       | 64.9-141        | 1.57   | 23   |  |

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: VOC 8260  
Project Name / Number: Sandoval GC A #001  
Project Manager: Kyle Siesser

**Reported:**  
12/26/25 10:35

### Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-04 The RPD for the BS/BSD was outside of historical limits.

BS1 Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis  
\*Results reported on as received basis unless designated as dry.

RPD Relative Percent Difference

LCS Laboratory Control Sample (Blank Spike)

RL Report Limit

MDL Method Detection Limit

Green Analytical Laboratories

A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Reporting Station For Jeremy D Allen, Laboratory Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



**75 Suttle Street  
Durango, CO 81303  
(970) 247-4220**

**Note:** White-Out<sup>TM</sup> or similar products cannot be used on the Chain of Custody

|  |                         |
|--|-------------------------|
|  | Bill to (if different): |
|--|-------------------------|

**Bill to (if different):**

ANALYSIS REQUEST

CHAIN-OF-CUSTODY AND ANALYSIS REPORT  
FORM-006, R 8.0

## Table of Contents

[illegible]



Table of Contents

Date/Initials of person  
examining contents: 12-11-25Labeled by initials: \_\_\_\_\_  
(if different than above)

## SAMPLE CONDITION RECEIPT FORM

Client Name: CottonwoodWork Order # 2512-139Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Kangaroo ☐ Third Party ☐ OtherCustody Seals on Box/Cooler Present: ☐ Yes ☒ No Seals Intact: ☐ Yes ☐ No GAL Cooler #: \_\_\_\_\_Thermometer Used: #2 Samples on ice, cooling process has begun: ☒ Yes ☐ NoType of Ice: ☒ Wet ☐ Blue ☐ None Cooler Temp: Observed Temp: 14.4 °C Correction Factor: 0 °C Final Temp: 14.4 °C

Temp: \_\_\_\_\_ °C

\*Temp should be above freezing 6°C, if multiple  
readings are taken the lowest temp is the final  
temp recorded.Compliance: ☐ Yes ☒ No

Temp: \_\_\_\_\_ °C

Temp: \_\_\_\_\_ °C

|                                                                                  |                                                                                                  |     |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|
| Chain of Custody Filled Out:                                                     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 1.  |
| COC Signed when Relinquished and Received:                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 2.  |
| Sampler Name and Signature on COC:<br>*Required for compliance                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 3.  |
| Samples arrived within hold time:<br>(Excluding pH)                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 4.  |
| Correct Containers Used & Intact:                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 5.  |
| Short Hold Time Analysis (<72hr):<br>(Excluding pH)                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 6.  |
| Rush Turn Around Time Requested:                                                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 7.  |
| Sufficient Volume:                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 8.  |
| pH's acceptable upon receipt, where applicable:<br>*Not including metals bottles | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 9.  |
| Dissolved Testing Needed:                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 10. |
| Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No         |                                                                                                  |     |
| Sample Labels match COC:<br>-Includes Date/Time/ID                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 11. |
| Matrix:                                                                          | <input checked="" type="checkbox"/> WT <input type="checkbox"/> SL <input type="checkbox"/> OT   |     |
| Trip Blank Present:                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            | 12. |
| Trip Blank Custody Seals Present:                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            |     |
| VOA's meet headspace requirement (<6mm bubbles)                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |     |
| Non-Conformance(s):                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 13. |

Client Notification/Resolution:

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/Resolution: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**ATTACHMENT 3**



**Sandoval Gas Com A #001A  
SVE Monitoring Results  
Simcoe LLC**

| Date       | SVE Point | Exhaust<br>OVM<br>(ppm) | Vacuum<br>Pressure<br>Upstream of<br>Drum<br>(inHg)2 | Vacuum<br>Pressure<br>Downstream<br>of Drum<br>(inHg) | Run<br>Time<br>(Hours) | System<br>Operational<br>at Arrival | Water<br>Drained | Water Drained<br>(gal) | Comments                                                           |
|------------|-----------|-------------------------|------------------------------------------------------|-------------------------------------------------------|------------------------|-------------------------------------|------------------|------------------------|--------------------------------------------------------------------|
| 10/22/2018 | MW-2      | -                       | -                                                    | -                                                     | -                      | NO                                  | NO               | -                      | Hose transferred from Irvin Com 1E                                 |
| 10/26/2018 | MW-2      | -                       | -                                                    | -                                                     | -                      | NO                                  | NO               | -                      | PVC installation completed from unit to MW #2.                     |
| 10/29/2018 | MW-2      | 2766.0                  | 2.35                                                 | -                                                     | -                      | -                                   | NO               | -                      | Initial start up   bailed 3 gal. of prod. from MW #2               |
| 10/30/2018 | MW-2      | 2720.0                  | 2.50                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Dry drum                                                           |
| 10/31/2018 | MW-2      | 2525.0                  | 2.50                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Dry drum                                                           |
| 11/1/2018  | MW-2      | 2355.0                  | 2.50                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Dry drum, effluent air sample collected                            |
| 11/2/2018  | MW-2      | 1978.0                  | 2.43                                                 | -                                                     | -                      | YES                                 | YES              | 2.00                   | Drained drum, restarted                                            |
| 11/5/2018  | MW-2      | 1433.0                  | 2.35                                                 | -                                                     | -                      | YES                                 | YES              | 4.00                   | Installed 1 inch PVC drain piping to LLPT, drained drum, restarted |
| 11/13/2018 | MW-2      | 890.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 23.00                  | Drained drum, restarted                                            |
| 11/16/2018 | MW-2      | 1016.0                  | 2.35                                                 | -                                                     | -                      | YES                                 | YES              | 7.00                   | Drained drum, restarted                                            |
| 11/21/2018 | MW-2      | 370.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 12.00                  | Drained drum, restarted                                            |
| 11/26/2018 | MW-2      | 555.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 13.00                  | Drained drum, restarted                                            |
| 12/4/2018  | MW-2      | 629.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 25.50                  | Drained drum, restarted                                            |
| 12/10/2018 | MW-2      | 501.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 18.50                  | Drained drum, restarted                                            |
| 12/17/2018 | MW-2      | 325.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 22.00                  | Drained drum, restarted                                            |
| 12/24/2018 | MW-2      | 342.0                   | 2.43                                                 | -                                                     | -                      | YES                                 | YES              | 20.50                  | Drained drum, restarted                                            |
| 12/31/2018 | MW-2      | 355.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 23.50                  | Drained drum, restarted                                            |
| 1/4/2019   | MW-2      | -                       | -                                                    | -                                                     | -                      | YES                                 | YES              | 17.00                  | Drained drum only, restarted                                       |
| 1/9/2019   | MW-2      | 383.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 18.50                  | Drained drum, restarted                                            |
| 1/15/2019  | MW-2      | 372.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 19.50                  |                                                                    |
| 1/21/2019  | MW-2      | 338.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 18.00                  |                                                                    |
| 1/26/2019  | MW-2      | 350.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 17.00                  |                                                                    |
| 2/1/2019   | MW-2      | 313.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 19.50                  |                                                                    |
| 2/7/2019   | MW-2      | 316.0                   | 2.43                                                 | -                                                     | -                      | YES                                 | YES              | 15.50                  |                                                                    |
| 2/14/2019  | MW-2      | 319.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 23.50                  |                                                                    |
| 2/20/2019  | MW-2      | 260.0                   | 2.43                                                 | -                                                     | -                      | YES                                 | YES              | 22.00                  |                                                                    |
| 2/27/2019  | MW-2      | 253.0                   | 2.43                                                 | -                                                     | -                      | YES                                 | YES              | 23.50                  |                                                                    |
| 3/5/2019   | MW-2      | 252.0                   | 2.35                                                 | -                                                     | -                      | YES                                 | YES              | 12.00                  |                                                                    |
| 3/10/2019  | MW-2      | 233.0                   | 2.35                                                 | -                                                     | -                      | YES                                 | YES              | 7.00                   |                                                                    |
| 3/18/2019  | MW-2      | 254.0                   | 2.35                                                 | -                                                     | -                      | YES                                 | YES              | 18.00                  |                                                                    |
| 3/28/2019  | MW-2      | 243.0                   | 2.43                                                 | -                                                     | -                      | YES                                 | YES              | 11.50                  |                                                                    |
| 4/16/2019  | MW-2      | 222.0                   | 2.35                                                 | -                                                     | -                      | YES                                 | YES              | 20.50                  |                                                                    |
| 5/2/2019   | MW-2      | 219.0                   | 2.35                                                 | -                                                     | -                      | YES                                 | YES              | 4.50                   |                                                                    |
| 5/28/2019  | MW-2      | 207.0                   | 2.35                                                 | -                                                     | -                      | YES                                 | YES              | 10.50                  |                                                                    |
| 6/24/2019  | MW-2      | 268.0                   | 2.35                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Water below drain plug, air sample collected                       |
| 7/26/2019  | MW-2      | 277.0                   | 2.35                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Dry drum                                                           |
| 8/19/2019  | MW-2      | 251.0                   | 2.35                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Dry drum                                                           |
| 9/19/2019  | MW-2      | 281.0                   | 2.35                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Dry drum                                                           |
| 10/8/2019  | MW-2      | 227.2                   | 1.84                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Water in drum 0.50" above drain plug                               |
| 10/22/2019 | MW-2      | 241.0                   | 2.57                                                 | -                                                     | -                      | YES                                 | YES              | 14.00                  |                                                                    |
| 10/29/2019 | MW-2      | 243.7                   | 2.43                                                 | -                                                     | -                      | YES                                 | YES              | 12.00                  |                                                                    |
| 11/12/2019 | MW-2      | 656.0                   | 2.43                                                 | -                                                     | -                      | NO                                  | YES              | 25.50                  | Drained, restarted, collect data                                   |
| 11/22/2019 | MW-2      | NA                      | 2.43                                                 | -                                                     | -                      | YES                                 | YES              | 18.50                  |                                                                    |
| 12/6/2019  | MW-2      | NA                      | 2.43                                                 | -                                                     | -                      | NO                                  | YES              | 22.00                  | Drained, restarted                                                 |
| 12/10/2019 | MW-2      | 287.0                   | 2.43                                                 | -                                                     | -                      | YES                                 | YES              | 9.00                   | Drained, restarted after water sample collected                    |
| 12/16/2019 | MW-2      | 230.0                   | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 17.00                  | Drained, restarted                                                 |
| 12/21/2019 | MW-2      | NA                      | 2.50                                                 | -                                                     | -                      | NO                                  | NO               | -                      | Restarted, then collected exhaust data                             |
| 12/24/2019 | MW-2      | NA                      | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 14.00                  | Drained, restarted                                                 |
| 12/30/2019 | MW-2      | NA                      | 2.50                                                 | -                                                     | -                      | NO                                  | YES              | 12.00                  | Restarted, then collected exhaust data                             |
| 1/4/2020   | MW-2      | 468.0                   | 2.43                                                 | -                                                     | -                      | NO                                  | NO               | -                      | Restarted, then collected data                                     |
| 1/6/2020   | MW-2      | NA                      | -                                                    | -                                                     | -                      | NO                                  | NO               | -                      |                                                                    |
| 1/9/2020   | MW-2      | NA                      | 1.18                                                 | -                                                     | -                      | NO                                  | YES              | 10.50                  | Drained, restarted, then collected data                            |
| 1/10/2020  | MW-2      | NA                      | 1.32                                                 | -                                                     | -                      | NO                                  | YES              | 10.50                  | Drained, restarted, then collected data                            |
| 1/11/2020  | MW-2      | NA                      | 2.50                                                 | -                                                     | -                      | NO                                  | YES              | 5.50                   | Drained, restarted, then collected data                            |

**Sandoval Gas Com A #001A  
SVE Monitoring Results  
Simcoe LLC**

| Date       | SVE Point | Exhaust<br>OVM<br>(ppm) | Vacuum<br>Pressure<br>Upstream of<br>Drum<br>(inHg)2 | Vacuum<br>Pressure<br>Downstream<br>of Drum<br>(inHg) | Run<br>Time<br>(Hours) | System<br>Operational<br>at Arrival | Water<br>Drained | Water Drained<br>(gal) | Comments                                                                 |
|------------|-----------|-------------------------|------------------------------------------------------|-------------------------------------------------------|------------------------|-------------------------------------|------------------|------------------------|--------------------------------------------------------------------------|
| 1/14/2020  | MW-2      | NA                      | 2.43                                                 | -                                                     | -                      | YES                                 | YES              | 9.00                   | Drained, restarted                                                       |
| 1/22/2020  | MW-2      | NA                      | -                                                    | -                                                     | -                      | NO                                  | YES              | 14.00                  | Drained, restarted, then collected data                                  |
| 1/29/2020  | MW-2      | 397.0                   | 2.43                                                 | -                                                     | -                      | NO                                  | NO               | -                      | Water in drum below drain port                                           |
| 2/4/2020   | MW-2      | NA                      | 2.35                                                 | -                                                     | -                      | NO                                  | YES              | 20.50                  | Drained, restarted, then collected data                                  |
| 2/10/2020  | MW-2      | NA                      | 2.35                                                 | -                                                     | -                      | YES                                 | YES              | 23.50                  | Drained, restarted                                                       |
| 2/18/2020  | MW-2      | NA                      | 2.50                                                 | -                                                     | -                      | YES                                 | YES              | 21.00                  | Drained, restarted                                                       |
| 2/19/2020  | MW-2      | NA                      | 2.50                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Water level in drum not measured                                         |
| 2/25/2020  | MW-2      | NA                      | 2.35                                                 | -                                                     | -                      | YES                                 | YES              | 15.50                  |                                                                          |
| 3/4/2020   | MW-2      | 215.0                   | 2.21                                                 | -                                                     | -                      | NO                                  | YES              | 15.50                  | Drained, restarted, then collected data                                  |
| 3/12/2020  | MW-2      | NA                      | 2.13                                                 | -                                                     | -                      | NO                                  | NO               | -                      | Water in drum below drain port, restarted, then collected data           |
| 3/25/2020  | MW-2      | NA                      | 2.21                                                 | -                                                     | -                      | YES                                 | YES              | 14.00                  |                                                                          |
| 3/30/2020  | MW-2      | 199.0                   | 2.21                                                 | -                                                     | -                      | YES                                 | YES              | 5.50                   | Shut down during MW sampling, drained, restarted                         |
| 4/14/2020  | MW-2      | 153.0                   | 2.21                                                 | -                                                     | -                      | NO                                  | YES              | 11.50                  | Drained, restarted, then collected data                                  |
| 4/28/2020  | MW-2      | NA                      | 2.13                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Water in drum below drain port, restarted                                |
| 5/18/2020  | MW-2      | 178.0                   | 2.06                                                 | -                                                     | -                      | NO                                  | NO               | -                      | Water in drum below drain port, restarted                                |
| 5/20/2020  | MW-2      | NA                      | 2.13                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Water level in drum not measured                                         |
| 6/1/2020   | MW-2      | 275.0                   | 2.06                                                 | -                                                     | -                      | NO                                  | NO               | -                      | Water in drum below drain port, restarted, effluent air sample collected |
| 6/24/2020  | MW-2      | 116.0                   | 1.91                                                 | -                                                     | -                      | NO                                  | NO               | -                      | Water in drum below drain port, restarted                                |
| 7/29/2020  | MW-2      | 64.0                    | 1.91                                                 | -                                                     | -                      | NO                                  | NO               | -                      | Water level in drum not measured, restarted, then collected readings     |
| 8/21/2020  | MW-2      | 238.0                   | 1.99                                                 | -                                                     | -                      | NO                                  | NO               | -                      | Dry drum, restarted, then collected readings                             |
| 9/1/2020   | MW-2      | 107.1                   | 2.06                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Water level in drum not measured                                         |
| 9/14/2020  | MW-2      | 110.6                   | 2.13                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Shut down prior to sampling, water in drum below drain port, restarted   |
| 9/24/2020  | MW-2      | 75.8                    | 2.13                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Water in drum below drain port, restarted                                |
| 10/9/2020  | MW-2      | NA                      | 2.21                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Water in drum just above drain port                                      |
| 10/22/2020 | MW-2      | 61.0                    | 2.13                                                 | -                                                     | -                      | YES                                 | YES              | 9.50                   |                                                                          |
| 10/29/2020 | MW-2      | 194.3                   | 2.13                                                 | -                                                     | -                      | NO                                  | YES              | 4.00                   | Drained, restarted, then collected data                                  |
| 11/5/2020  | MW-2      | NA                      | 2.13                                                 | -                                                     | -                      | NO                                  | YES              | -                      | Water in drum below drain port, restarted, then collected readings       |
| 11/11/2020 | MW-2      | NA                      | 2.21                                                 | -                                                     | -                      | YES                                 | YES              | 10.50                  |                                                                          |
| 11/16/2020 | MW-2      | 66.1                    | 2.21                                                 | -                                                     | -                      | YES                                 | YES              | 11.50                  |                                                                          |
| 11/23/2020 | MW-2      | NA                      | 2.13                                                 | -                                                     | -                      | YES                                 | YES              | 9.00                   |                                                                          |
| 12/4/2020  | MW-2      | NA                      | 2.21                                                 | -                                                     | -                      | NO                                  | YES              | 25.50                  |                                                                          |
| 12/10/2020 | MW-2      | NA                      | 2.21                                                 | -                                                     | -                      | YES                                 | YES              | 20.50                  |                                                                          |
| 12/15/2020 | MW-2      | NA                      | 2.13                                                 | -                                                     | -                      | YES                                 | YES              | 18.50                  |                                                                          |
| 12/21/2020 | MW-2      | NA                      | 2.13                                                 | -                                                     | -                      | YES                                 | YES              | 20.50                  |                                                                          |
| 1/13/2021  | MW-2      | 194.3                   | -                                                    | -                                                     | -                      | -                                   | YES              | -                      |                                                                          |
| 2/5/2021   | MW-2      | 78.2                    | -                                                    | -                                                     | -                      | -                                   | YES              | -                      |                                                                          |
| 3/30/2021  | MW-2      | 319.5                   | -                                                    | -                                                     | -                      | -                                   | YES              | -                      |                                                                          |
| 4/15/2021  | MW-2      | 10.9                    | -                                                    | -                                                     | -                      | -                                   | YES              | -                      |                                                                          |
| 5/7/2021   | MW-2      | 8.2                     | -                                                    | -                                                     | -                      | -                                   | YES              | -                      |                                                                          |
| 6/9/2021   | MW-2      | 12.6                    | -                                                    | -                                                     | -                      | -                                   | YES              | -                      |                                                                          |
| 7/13/2021  | MW-2      | 65.3                    | -                                                    | -                                                     | -                      | -                                   | YES              | -                      |                                                                          |
| 9/29/2021  | MW-2      | 22.5                    | 1.32                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Water in drum below drain port                                           |
| 10/11/2021 | MW-2      | 44.2                    | 1.32                                                 | -                                                     | -                      | YES                                 | YES              | 1.00                   |                                                                          |
| 11/6/2021  | MW-2      | 465.9                   | 1.32                                                 | -                                                     | -                      | NO                                  | YES              | 26.32                  | Drained, restarted, then collected data                                  |
| 12/13/2021 | MW-2      | 486.0                   | 1.47                                                 | -                                                     | -                      | NO                                  | YES              | 27.14                  | Drained, restarted, then collected data                                  |
| 1/4/2022   | MW-2      | 150.1                   | 1.32                                                 | -                                                     | -                      | NO                                  | NO               | -                      | Drum frozen, unable to drain. System restarted without draining.         |
| 2/8/2022   | MW-2      | 33.4                    | 0.88                                                 | -                                                     | -                      | NO                                  | NO               | -                      | Drum frozen, unable to drain. System restarted without draining.         |
| 3/16/2022  | MW-2      | 15                      | 0.74                                                 | 0.0                                                   | -                      | YES                                 | YES              | 3.29                   |                                                                          |
| 4/7/2022   | MW-2      | 23.1                    | 0.66                                                 | 0.0                                                   | -                      | YES                                 | YES              | 1.65                   | Vacuum gauge downstream of drum may be broken                            |
| 5/2/2022   | MW-2      | 24.4                    | 0.59                                                 | -                                                     | -                      | YES                                 | NO               | -                      | Water in drum below drain port                                           |
| 6/8/2022   | MW-2      | 143.6                   | 0.59                                                 | -                                                     | -                      | YES                                 | NO               | -                      |                                                                          |
| 7/5/2022   | MW-2      | 101.2                   | 0.66                                                 | -                                                     | -                      | YES                                 | NO               | -                      |                                                                          |
| 8/17/2022  | MW-2      | 13.8                    | 0.59                                                 | -                                                     | -                      | YES                                 | NO               | -                      |                                                                          |
| 9/14/2022  | MW-2      | 21.8                    | 0.59                                                 | -                                                     | -                      | YES                                 | NO               | -                      |                                                                          |

**Sandoval Gas Com A #001A  
SVE Monitoring Results  
Simcoe LLC**

| Date       | SVE Point | Exhaust<br>OVM<br>(ppm) | Vacuum<br>Pressure<br>Upstream of<br>Drum<br>(inHg)2 | Vacuum<br>Pressure<br>Downstream<br>of Drum<br>(inHg) | Run<br>Time<br>(Hours) | System<br>Operational<br>at Arrival | Water<br>Drained | Water Drained<br>(gal) | Comments                                                                                    |
|------------|-----------|-------------------------|------------------------------------------------------|-------------------------------------------------------|------------------------|-------------------------------------|------------------|------------------------|---------------------------------------------------------------------------------------------|
| 10/12/2022 | MW-2      | 10.3                    | 0.66                                                 | -                                                     | -                      | YES                                 | NO               | -                      |                                                                                             |
| 11/20/2022 | MW-2      | 94.0                    | 0.66                                                 | -                                                     | -                      | NO                                  | YES              | 30.03                  |                                                                                             |
| 12/14/2022 | MW-2      | 15.7                    | 0.74                                                 | 0.0                                                   | -                      | YES                                 | YES              | 22.22                  |                                                                                             |
| 1/10/2023  | MW-2      | 62.2                    | 0.59                                                 | -                                                     | -                      | NO                                  | YES              | 29.62                  |                                                                                             |
| 2/7/2023   | MW-2      | 0.4                     | -                                                    | -                                                     | -                      | NO                                  | YES              | 29.21                  |                                                                                             |
| 3/9/2023   | MW-2      | 13.3                    | -                                                    | -                                                     | 1041.9                 | YES                                 | YES              | 1.65                   | Run time 1041.9 hrs. Grabbed gas sample @1045                                               |
| 4/6/2023   | MW-2      | 10.5                    | -                                                    | -                                                     | 1681.2                 | NO                                  | YES              | 29.21                  |                                                                                             |
| 5/3/2023   | MW-2      | 9.6                     | -                                                    | -                                                     | 2329.0                 | YES                                 | YES              | 9.05                   | 2329.0 hrs                                                                                  |
| 6/6/2023   | MW-2      | 7.3                     | -                                                    | -                                                     | 3144.4                 | YES                                 | NO               | -                      | 3144.4 hrs                                                                                  |
| 7/7/2023   | MW-2      | 5.7                     | -                                                    | -                                                     | 3889.3                 | YES                                 | NO               | -                      | 3889.3 hrs                                                                                  |
| 8/9/2023   | MW-2      | 7.6                     | -                                                    | -                                                     | 4679.6                 | YES                                 | NO               | -                      |                                                                                             |
| 9/7/2023   | MW-2      | 3.7                     | -                                                    | -                                                     | 5375.3                 | YES                                 | NO               | -                      |                                                                                             |
| 10/18/2023 | MW-2      | 48.6                    | -                                                    | 0.0                                                   | 6358.6                 | YES                                 | YES              | 4.11                   |                                                                                             |
| 11/15/2023 | MW-2      | 103.1                   | 1.47                                                 | -                                                     | 6540                   | NO                                  | YES              | 15.63                  | Replaced gauge with -30(inhg)/-100(kpa) gauge                                               |
| 12/15/2023 | MW-2      | 135.8                   | 0.22                                                 | 0.0                                                   | 7238.8                 | YES                                 | YES              | 21.39                  |                                                                                             |
| 1/15/2024  | MW-2      | 124.8                   | 0.74                                                 | -                                                     | 7397.7                 | NO                                  | NO               | -                      | Drain valve is broken (needs replaced). Restarted system, drum frozen.                      |
| 2/5/2024   | MW-2      | 41.0                    | 2.50                                                 | 2.5                                                   | 7507.5                 | YES                                 | YES              | 0.41                   | Valve fixed and gauge replaced                                                              |
| 3/11/2024  | MW-2      | 89.1                    | 2.50                                                 | 2.5                                                   | 7653.0                 | NO                                  | YES              | 6.17                   |                                                                                             |
| 4/8/2024   | MW-2      | 148.3                   | 2.50                                                 | 2.5                                                   | 7692.9                 | NO                                  | YES              | 2.47                   |                                                                                             |
| 5/6/2024   | MW-2      | 2.8                     | 2.50                                                 | 2.5                                                   | 7745.2                 | NO                                  | NO               | -                      | Water in drum below drain port. Restarted system. MW connection was disconnected on arrival |
| 6/13/2024  | MW-2      | 10.0                    | 5.0                                                  | 2                                                     | 7922.4                 | NO                                  | NO               | -                      |                                                                                             |
| 7/5/2024   | MW-2      | 3.3                     | 2.50                                                 | 2.5                                                   | 8209.3                 | YES                                 | NO               | -                      | Drum dry                                                                                    |
| 8/7/2024   | MW-2      | 3.1                     | 2.50                                                 | 2.5                                                   | 8922.6                 | NO                                  | NO               | -                      | Drum dry                                                                                    |
| 9/18/2024  | MW-2      | 5.3                     | 1.00                                                 | 2                                                     | 5543.1                 | NO                                  | NO               | -                      | SVE restarted before departure                                                              |
| 10/3/2024  | MW-2      | 35.8                    | 2.25                                                 | 2.25                                                  | 9602.8                 | NO                                  | NO               | -                      |                                                                                             |
| 11/11/2024 | MW-2      | 1.3                     | 2.25                                                 | 2.25                                                  | 9669.9                 | NO                                  | NO               | -                      |                                                                                             |
| 12/11/2024 | MW-2      | 1.4                     | 2.25                                                 | 2.25                                                  | 38.1                   | NO                                  | NO               | -                      |                                                                                             |
| 1/7/2025   | MW-2      | -                       | 0.0                                                  | 0.0                                                   | -                      | NO                                  | YES              | 12.75                  | Generator was not running on arrival. Tried to start SVE, SVE would not restart.            |
| 2/19/2025  | MW-2      | 46.4                    | 1.75                                                 | 1.75                                                  | 1061.6                 | YES                                 | YES              | 3.29                   |                                                                                             |
| 3/26/2025  | MW-2      | 15.1                    | 2.25                                                 | 2.25                                                  | 1901.4                 | YES                                 | YES              | 6.99                   |                                                                                             |
| 4/8/2025   | MW-2      | 0.8                     | 2.50                                                 | 2.5                                                   | 2130.0                 | YES                                 | YES              | 16.04                  |                                                                                             |
| 5/13/2025  | MW-2      | 6.2                     | 3.0                                                  | 2.5                                                   | 3057.4                 | YES                                 | YES              | 1.65                   |                                                                                             |
| 6/18/2025  | MW-2      | 2.7                     | 2.50                                                 | 2.5                                                   | 3906.6                 | YES                                 | NO               | -                      |                                                                                             |
| 7/21/2025  | MW-2      | 2.1                     | 2.50                                                 | 2.5                                                   | 4670.9                 | YES                                 | NO               | -                      |                                                                                             |
| 8/11/2025  | MW-2      | 2.6                     | 2.50                                                 | 2.5                                                   | 5176.7                 | YES                                 | NO               | -                      |                                                                                             |
| 9/16/2025  | MW-2      | 5.3                     | -1.00                                                | 1.25                                                  | 6064.1                 | YES                                 | NO               | -                      | Quarterly gas sample collected                                                              |
| 10/1/2025  | MW-2      | 5.6                     | 1.25                                                 | 1.25                                                  | 6401.4                 | YES                                 | NO               | -                      |                                                                                             |
| 11/11/2025 | MW-2      | 2.1                     | 1.25                                                 | 1.25                                                  | 7381.2                 | YES                                 | YES              | 4.93                   |                                                                                             |
| 12/10/2025 | MW-2      | 15.8                    | 1.25                                                 | 1.25                                                  | -                      | YES                                 | YES              | 22.21                  |                                                                                             |

**Notes:**

SVE - soil vapor extraction gal - gallons  
 OVM - organic vapor meter NA - Not Applicable  
 ppm - parts per million inHg - inches mercury  
 in - inches cfm - cubic feet per minute



**ATTACHMENT 4**



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Kyle Siesser  
Cottonwood Consulting LLC  
PO BOX 1653  
Durango, Colorado 81302

Generated 4/7/2025 4:43:36 PM

## JOB DESCRIPTION

Sandoval GCA #001A

## JOB NUMBER

885-22168-1

Eurofins Albuquerque  
4901 Hawkins NE  
Albuquerque NM 87109

See page two for job notes and contact information.  
Released to Imaging: 6/17/2026 7:59:01 AM

# 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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Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Laboratory Job ID: 885-22168-1

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## Definitions/Glossary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-22168-1

## 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: Sandoval GCA #001A

Job ID: 885-22168-1

**Job ID: 885-22168-1**

**Eurofins Albuquerque**

### Job Narrative 885-22168-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 3/27/2025 9:14 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

#### Subcontract Work

Method Natural Gases O2, CO2: This method was subcontracted to Energy Laboratories, Inc. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

#### 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: Sandoval GCA #001A

Job ID: 885-22168-1

Client Sample ID: SVE

Lab Sample ID: 885-22168-1

Date Collected: 03/26/25 10:55

Matrix: Air

Date Received: 03/27/25 09:14

Sample Container: Tedlar Bag 1L

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte                     | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.20 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,1-Dichloropropene         | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,2,3-Trichlorobenzene      | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,2,3-Trichloropropane      | ND     |           | 0.20 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,2,4-Trichlorobenzene      | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,2,4-Trimethylbenzene      | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND     |           | 0.20 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,2-Dichloroethane (EDC)    | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,3,5-Trimethylbenzene      | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,3-Dichloropropane         | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 1-Methylnaphthalene         | ND     |           | 0.40 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 2,2-Dichloropropane         | ND     |           | 0.20 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 2-Butanone                  | ND     |           | 1.0  | ug/L |   |          | 04/04/25 17:04 | 1       |
| 2-Chlorotoluene             | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 2-Hexanone                  | ND     |           | 1.0  | ug/L |   |          | 04/04/25 17:04 | 1       |
| 2-Methylnaphthalene         | ND     |           | 0.40 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 4-Chlorotoluene             | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 4-Isopropyltoluene          | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| 4-Methyl-2-pentanone        | ND     |           | 1.0  | ug/L |   |          | 04/04/25 17:04 | 1       |
| Acetone                     | ND     |           | 1.0  | ug/L |   |          | 04/04/25 17:04 | 1       |
| Benzene                     | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Bromobenzene                | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Bromodichloromethane        | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Dibromochloromethane        | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Bromoform                   | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Bromomethane                | ND     |           | 0.30 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | ug/L |   |          | 04/04/25 17:04 | 1       |
| Carbon tetrachloride        | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Chlorobenzene               | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Chloroethane                | ND     |           | 0.20 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Chloroform                  | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Chloromethane               | ND     |           | 0.30 | ug/L |   |          | 04/04/25 17:04 | 1       |
| cis-1,2-Dichloroethene      | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Dibromomethane              | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Dichlorodifluoromethane     | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Ethylbenzene                | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |
| Hexachlorobutadiene         | ND     |           | 0.10 | ug/L |   |          | 04/04/25 17:04 | 1       |

Eurofins Albuquerque

Client Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-22168-1

Client Sample ID: SVE  
Date Collected: 03/26/25 10:55  
Date Received: 03/27/25 09:14  
Sample Container: Tedlar Bag 1L

Lab Sample ID: 885-22168-1  
Matrix: Air

| Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued) |           |           |          |      |   |          |                |         |  |
|----------------------------------------------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|--|
| Analyte                                                              | Result    | Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |  |
| Isopropylbenzene                                                     | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| Methyl-tert-butyl Ether (MTBE)                                       | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| Methylene Chloride                                                   | ND        |           | 0.30     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| n-Butylbenzene                                                       | ND        |           | 0.30     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| N-Propylbenzene                                                      | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| Naphthalene                                                          | ND        |           | 0.20     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| sec-Butylbenzene                                                     | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| Styrene                                                              | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| tert-Butylbenzene                                                    | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| Tetrachloroethene (PCE)                                              | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| Toluene                                                              | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| trans-1,2-Dichloroethene                                             | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| trans-1,3-Dichloropropene                                            | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| Trichloroethene (TCE)                                                | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| Trichlorofluoromethane                                               | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| Vinyl chloride                                                       | ND        |           | 0.10     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| Xylenes, Total                                                       | ND        |           | 0.15     | ug/L |   |          | 04/04/25 17:04 | 1       |  |
| Surrogate                                                            | %Recovery | Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |  |
| 1,2-Dichloroethane-d4 (Surr)                                         | 106       |           | 70 - 130 |      |   |          | 04/04/25 17:04 | 1       |  |
| Toluene-d8 (Surr)                                                    | 102       |           | 70 - 130 |      |   |          | 04/04/25 17:04 | 1       |  |
| 4-Bromofluorobenzene (Surr)                                          | 90        |           | 70 - 130 |      |   |          | 04/04/25 17:04 | 1       |  |
| Dibromofluoromethane (Surr)                                          | 107       |           | 70 - 130 |      |   |          | 04/04/25 17:04 | 1       |  |

## QC Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-22168-1

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

Lab Sample ID: MB 885-23672/5

Matrix: Air

Analysis Batch: 23672

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,1,1-Trichloroethane       | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND           |                 | 0.20 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,1,2-Trichloroethane       | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,1-Dichloroethane          | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,1-Dichloroethene          | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,1-Dichloropropene         | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,2,3-Trichlorobenzene      | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,2,3-Trichloropropane      | ND           |                 | 0.20 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,2,4-Trichlorobenzene      | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,2,4-Trimethylbenzene      | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND           |                 | 0.20 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,2-Dibromoethane (EDB)     | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,2-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,2-Dichloroethane (EDC)    | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,2-Dichloropropane         | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,3,5-Trimethylbenzene      | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,3-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,3-Dichloropropane         | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1,4-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 1-Methylnaphthalene         | ND           |                 | 0.40 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 2,2-Dichloropropane         | ND           |                 | 0.20 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 2-Butanone                  | ND           |                 | 1.0  | ug/L |   |          | 04/04/25 12:06 | 1       |
| 2-Chlorotoluene             | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 2-Hexanone                  | ND           |                 | 1.0  | ug/L |   |          | 04/04/25 12:06 | 1       |
| 2-Methylnaphthalene         | ND           |                 | 0.40 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 4-Chlorotoluene             | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 4-Isopropyltoluene          | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| 4-Methyl-2-pentanone        | ND           |                 | 1.0  | ug/L |   |          | 04/04/25 12:06 | 1       |
| Acetone                     | ND           |                 | 1.0  | ug/L |   |          | 04/04/25 12:06 | 1       |
| Benzene                     | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Bromobenzene                | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Bromodichloromethane        | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Dibromochloromethane        | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Bromoform                   | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Bromomethane                | ND           |                 | 0.30 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Carbon disulfide            | ND           |                 | 1.0  | ug/L |   |          | 04/04/25 12:06 | 1       |
| Carbon tetrachloride        | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Chlorobenzene               | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Chloroethane                | ND           |                 | 0.20 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Chloroform                  | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Chloromethane               | ND           |                 | 0.30 | ug/L |   |          | 04/04/25 12:06 | 1       |
| cis-1,2-Dichloroethene      | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| cis-1,3-Dichloropropene     | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Dibromomethane              | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Dichlorodifluoromethane     | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Ethylbenzene                | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Hexachlorobutadiene         | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |

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## QC Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-22168-1

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

Lab Sample ID: MB 885-23672/5

Matrix: Air

Analysis Batch: 23672

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                        | MB<br>Result | MB<br>Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|--------------|-----------------|------|------|---|----------|----------------|---------|
| Isopropylbenzene               | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Methyl-tert-butyl Ether (MTBE) | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Methylene Chloride             | ND           |                 | 0.30 | ug/L |   |          | 04/04/25 12:06 | 1       |
| n-Butylbenzene                 | ND           |                 | 0.30 | ug/L |   |          | 04/04/25 12:06 | 1       |
| N-Propylbenzene                | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Naphthalene                    | ND           |                 | 0.20 | ug/L |   |          | 04/04/25 12:06 | 1       |
| sec-Butylbenzene               | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Styrene                        | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| tert-Butylbenzene              | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Tetrachloroethene (PCE)        | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Toluene                        | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| trans-1,2-Dichloroethene       | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| trans-1,3-Dichloropropene      | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Trichloroethene (TCE)          | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Trichlorofluoromethane         | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Vinyl chloride                 | ND           |                 | 0.10 | ug/L |   |          | 04/04/25 12:06 | 1       |
| Xylenes, Total                 | ND           |                 | 0.15 | ug/L |   |          | 04/04/25 12:06 | 1       |

| Surrogate                    | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 114             |                 | 70 - 130 |          | 04/04/25 12:06 | 1       |
| Toluene-d8 (Surr)            | 105             |                 | 70 - 130 |          | 04/04/25 12:06 | 1       |
| 4-Bromofluorobenzene (Surr)  | 89              |                 | 70 - 130 |          | 04/04/25 12:06 | 1       |
| Dibromofluoromethane (Surr)  | 111             |                 | 70 - 130 |          | 04/04/25 12:06 | 1       |

Lab Sample ID: LCS 885-23672/4

Matrix: Air

Analysis Batch: 23672

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte               | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,1-Dichloroethene    | 20.0           | 19.1          |                  | ug/L |   | 96   | 70 - 130       |
| Benzene               | 20.0           | 20.3          |                  | ug/L |   | 101  | 70 - 130       |
| Chlorobenzene         | 20.0           | 22.4          |                  | ug/L |   | 112  | 70 - 130       |
| Toluene               | 20.0           | 22.0          |                  | ug/L |   | 110  | 70 - 130       |
| Trichloroethene (TCE) | 20.0           | 17.9          |                  | ug/L |   | 90   | 70 - 130       |

| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|------------------------------|------------------|------------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 109              |                  | 70 - 130 |
| Toluene-d8 (Surr)            | 111              |                  | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 97               |                  | 70 - 130 |
| Dibromofluoromethane (Surr)  | 109              |                  | 70 - 130 |

Eurofins Albuquerque

QC Association Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-22168-1

GC/MS VOA

Analysis Batch: 23672

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-22168-1     | SVE                | Total/NA  | Air    | 8260B  |            |
| MB 885-23672/5  | Method Blank       | Total/NA  | Air    | 8260B  |            |
| LCS 885-23672/4 | Lab Control Sample | Total/NA  | Air    | 8260B  |            |

- 1
- 2
- 3
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- 10
- 11
- 12

Lab Chronicle

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-22168-1

**Client Sample ID: SVE**  
**Date Collected: 03/26/25 10:55**  
**Date Received: 03/27/25 09:14**

**Lab Sample ID: 885-22168-1**  
**Matrix: Air**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 23672        | CM      | EET ALB | 04/04/25 17:04       |

**Laboratory References:**  
= , 1120 South 27th Street, Billings, MT 59101, TEL (406)252-6325  
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-22168-1

## 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        | 02-27-26        |

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                     |
|-----------------|-------------|--------|-----------------------------|
| 8260B           |             | Air    | 1,1,1,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,1-Trichloroethane       |
| 8260B           |             | Air    | 1,1,2,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,2-Trichloroethane       |
| 8260B           |             | Air    | 1,1-Dichloroethane          |
| 8260B           |             | Air    | 1,1-Dichloroethene          |
| 8260B           |             | Air    | 1,1-Dichloropropene         |
| 8260B           |             | Air    | 1,2,3-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,3-Trichloropropane      |
| 8260B           |             | Air    | 1,2,4-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,4-Trimethylbenzene      |
| 8260B           |             | Air    | 1,2-Dibromo-3-Chloropropane |
| 8260B           |             | Air    | 1,2-Dibromoethane (EDB)     |
| 8260B           |             | Air    | 1,2-Dichlorobenzene         |
| 8260B           |             | Air    | 1,2-Dichloroethane (EDC)    |
| 8260B           |             | Air    | 1,2-Dichloropropane         |
| 8260B           |             | Air    | 1,3,5-Trimethylbenzene      |
| 8260B           |             | Air    | 1,3-Dichlorobenzene         |
| 8260B           |             | Air    | 1,3-Dichloropropane         |
| 8260B           |             | Air    | 1,4-Dichlorobenzene         |
| 8260B           |             | Air    | 1-Methylnaphthalene         |
| 8260B           |             | Air    | 2,2-Dichloropropane         |
| 8260B           |             | Air    | 2-Butanone                  |
| 8260B           |             | Air    | 2-Chlorotoluene             |
| 8260B           |             | Air    | 2-Hexanone                  |
| 8260B           |             | Air    | 2-Methylnaphthalene         |
| 8260B           |             | Air    | 4-Chlorotoluene             |
| 8260B           |             | Air    | 4-Isopropyltoluene          |
| 8260B           |             | Air    | 4-Methyl-2-pentanone        |
| 8260B           |             | Air    | Acetone                     |
| 8260B           |             | Air    | Benzene                     |
| 8260B           |             | Air    | Bromobenzene                |
| 8260B           |             | Air    | Bromodichloromethane        |
| 8260B           |             | Air    | Bromoform                   |
| 8260B           |             | Air    | Bromomethane                |
| 8260B           |             | Air    | Carbon disulfide            |
| 8260B           |             | Air    | Carbon tetrachloride        |
| 8260B           |             | Air    | Chlorobenzene               |
| 8260B           |             | Air    | Chloroethane                |
| 8260B           |             | Air    | Chloroform                  |
| 8260B           |             | Air    | Chloromethane               |
| 8260B           |             | Air    | cis-1,2-Dichloroethene      |
| 8260B           |             | Air    | cis-1,3-Dichloropropene     |
| 8260B           |             | Air    | Dibromochloromethane        |
| 8260B           |             | Air    | Dibromomethane              |

Eurofins Albuquerque

## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-22168-1

## Laboratory: Eurofins Albuquerque (Continued)

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

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------------------|
| 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                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dichlorodifluoromethane        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Ethylbenzene                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Hexachlorobutadiene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | Isopropylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methylene Chloride             |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methyl-tert-butyl Ether (MTBE) |
| 8260B                                                                                                                                                                                                 |             | Air                   | Naphthalene                    |
| 8260B                                                                                                                                                                                                 |             | Air                   | n-Butylbenzene                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | N-Propylbenzene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | sec-Butylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Styrene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | tert-Butylbenzene              |
| 8260B                                                                                                                                                                                                 |             | Air                   | Tetrachloroethene (PCE)        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Toluene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,2-Dichloroethene       |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,3-Dichloropropene      |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichloroethene (TCE)          |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichlorofluoromethane         |
| 8260B                                                                                                                                                                                                 |             | Air                   | Vinyl chloride                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | Xylenes, Total                 |
| Oregon                                                                                                                                                                                                | NELAP       | NM100001              | 02-26-26                       |
| 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                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,1,1,2-Tetrachloroethane      |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,1,1-Trichloroethane          |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,1,2,2-Tetrachloroethane      |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,1,2-Trichloroethane          |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,1-Dichloroethane             |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,1-Dichloroethene             |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,1-Dichloropropene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,2,3-Trichlorobenzene         |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,2,3-Trichloropropane         |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,2,4-Trichlorobenzene         |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,2,4-Trimethylbenzene         |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,2-Dibromo-3-Chloropropane    |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,2-Dibromoethane (EDB)        |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,2-Dichlorobenzene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,2-Dichloroethane (EDC)       |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,2-Dichloropropane            |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,3,5-Trimethylbenzene         |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,3-Dichlorobenzene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,3-Dichloropropane            |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1,4-Dichlorobenzene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | 1-Methylnaphthalene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2,2-Dichloropropane            |

Eurofins Albuquerque

## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-22168-1

## Laboratory: Eurofins Albuquerque (Continued)

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

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------------------|
| 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                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Butanone                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Chlorotoluene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Hexanone                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Methylnaphthalene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Chlorotoluene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Isopropyltoluene             |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Methyl-2-pentanone           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Acetone                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Benzene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromobenzene                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromodichloromethane           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromoform                      |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromomethane                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Carbon disulfide               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Carbon tetrachloride           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chlorobenzene                  |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloroethane                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloroform                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloromethane                  |
| 8260B                                                                                                                                                                                                 |             | Air                   | cis-1,2-Dichloroethene         |
| 8260B                                                                                                                                                                                                 |             | Air                   | cis-1,3-Dichloropropene        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dibromochloromethane           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dibromomethane                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dichlorodifluoromethane        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Ethylbenzene                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Hexachlorobutadiene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | Isopropylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methylene Chloride             |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methyl-tert-butyl Ether (MTBE) |
| 8260B                                                                                                                                                                                                 |             | Air                   | Naphthalene                    |
| 8260B                                                                                                                                                                                                 |             | Air                   | n-Butylbenzene                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | N-Propylbenzene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | sec-Butylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Styrene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | tert-Butylbenzene              |
| 8260B                                                                                                                                                                                                 |             | Air                   | Tetrachloroethene (PCE)        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Toluene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,2-Dichloroethene       |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,3-Dichloropropene      |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichloroethene (TCE)          |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichlorofluoromethane         |
| 8260B                                                                                                                                                                                                 |             | Air                   | Vinyl chloride                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | Xylenes, Total                 |

Eurofins Albuquerque



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## ANALYTICAL SUMMARY REPORT

April 03, 2025

Eurofins TestAmerica - Albuquerque

4901 Hawkins St NE Ste D

Albuquerque, NM 87109-4372

Work Order: B25032142

Quote ID: B15626

Project Name: Sandoval GCA #001A, 88501577

Energy Laboratories Inc Billings MT received the following 1 sample for Eurofins TestAmerica - Albuquerque on 3/31/2025 for analysis.

| Lab ID        | Client Sample ID  | Collect Date   | Receive Date | Matrix | Test                                                                                                                                                                                |
|---------------|-------------------|----------------|--------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B25032142-001 | SVE (885-22168-1) | 03/26/25 10:55 | 03/31/25     | Air    | Air Correction Calculations<br>Appearance and Comments<br>Calculated Properties<br>GPM @ std cond./1000 cu. ft., moist.<br>Free<br>Natural Gas Analysis<br>Specific Gravity @ 60/60 |

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 So. 27th Street, Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

If you have any questions regarding these test results, please contact your Project Manager.



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## LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

**Client:** Eurofins TestAmerica - Albuquerque  
**Project:** Sandoval GCA #001A, 88501577  
**Lab ID:** B25032142-001  
**Client Sample ID:** SVE (885-22168-1)

**Report Date:** 04/03/25  
**Collection Date:** 03/26/25 10:55  
**Date Received:** 03/31/25  
**Matrix:** Air

| Analyses                                  | Result  | Units | Qualifiers | RL    | MCL/<br>QCL | Method      | Analysis Date / By   |
|-------------------------------------------|---------|-------|------------|-------|-------------|-------------|----------------------|
| <b>GAS CHROMATOGRAPHY ANALYSIS REPORT</b> |         |       |            |       |             |             |                      |
| Oxygen                                    | 21.83   | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Nitrogen                                  | 78.09   | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Carbon Dioxide                            | 0.07    | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Hydrogen Sulfide                          | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Methane                                   | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Ethane                                    | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Propane                                   | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Isobutane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| n-Butane                                  | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Isopentane                                | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| n-Pentane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Hexanes plus                              | 0.02    | Mol % |            | 0.01  |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Propane                                   | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Isobutane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| n-Butane                                  | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Isopentane                                | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| n-Pentane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Hexanes plus                              | 0.008   | gpm   |            | 0.001 |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| GPM Total                                 | 0.008   | gpm   |            | 0.001 |             | GPA 2261-13 | 04/01/25 10:51 / jrj |
| GPM Pentanes plus                         | 0.008   | gpm   |            | 0.001 |             | GPA 2261-13 | 04/01/25 10:51 / jrj |

### CALCULATED PROPERTIES

|                                       |       |  |       |  |             |                      |
|---------------------------------------|-------|--|-------|--|-------------|----------------------|
| Gross BTU per cu ft @ Std Cond. (HHV) | 1     |  | 1     |  | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Net BTU per cu ft @ std cond. (LHV)   | 1     |  | 1     |  | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Pseudo-critical Pressure, psia        | 545   |  | 1     |  | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Pseudo-critical Temperature, deg R    | 239   |  | 1     |  | GPA 2261-13 | 04/01/25 10:51 / jrj |
| Specific Gravity @ 60/60F             | 0.998 |  | 0.001 |  | D3588-81    | 04/01/25 10:51 / jrj |
| Air, %                                | 99.74 |  | 0.01  |  | GPA 2261-13 | 04/01/25 10:51 / jrj |

- The analysis was not corrected for air.

### COMMENTS

|                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|----------------------|
| -                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  | 04/01/25 10:51 / jrj |
| - BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.<br>- GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.<br>- To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.<br>- Standard conditions: 60 F & 14.73 psi on a dry basis. |  |  |  |  |  |                      |

**Report Definitions:** RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)



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## QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25032142

Report Date: 04/03/25

| Analyte                          | Count                        | Result | Units | RL   | %REC                | Low Limit | High Limit | RPD            | RPDLimit       | Qual |
|----------------------------------|------------------------------|--------|-------|------|---------------------|-----------|------------|----------------|----------------|------|
| <b>Method: GPA 2261-13</b>       |                              |        |       |      |                     |           |            | Batch: R439022 |                |      |
| <b>Lab ID: LCS040125</b>         | 11 Laboratory Control Sample |        |       |      | Run: GC7890_250401A |           |            |                | 04/01/25 13:37 |      |
| Oxygen                           |                              | 0.58   | Mol % | 0.01 | 118                 | 70        | 130        |                |                |      |
| Nitrogen                         |                              | 5.97   | Mol % | 0.01 | 101                 | 70        | 130        |                |                |      |
| Carbon Dioxide                   |                              | 0.99   | Mol % | 0.01 | 99                  | 70        | 130        |                |                |      |
| Methane                          |                              | 76.3   | Mol % | 0.01 | 100                 | 70        | 130        |                |                |      |
| Ethane                           |                              | 6.17   | Mol % | 0.01 | 102                 | 70        | 130        |                |                |      |
| Propane                          |                              | 5.02   | Mol % | 0.01 | 101                 | 70        | 130        |                |                |      |
| Isobutane                        |                              | 1.76   | Mol % | 0.01 | 88                  | 70        | 130        |                |                |      |
| n-Butane                         |                              | 2.00   | Mol % | 0.01 | 100                 | 70        | 130        |                |                |      |
| Isopentane                       |                              | 0.50   | Mol % | 0.01 | 100                 | 70        | 130        |                |                |      |
| n-Pentane                        |                              | 0.51   | Mol % | 0.01 | 102                 | 70        | 130        |                |                |      |
| Hexanes plus                     |                              | 0.20   | Mol % | 0.01 | 97                  | 70        | 130        |                |                |      |
| <b>Lab ID: B25032142-001ADUP</b> | 12 Sample Duplicate          |        |       |      | Run: GC7890_250401A |           |            |                | 04/01/25 11:40 |      |
| Oxygen                           |                              | 22.0   | Mol % | 0.01 |                     |           |            | 0.7            | 20             |      |
| Nitrogen                         |                              | 77.9   | Mol % | 0.01 |                     |           |            | 0.2            | 20             |      |
| Carbon Dioxide                   |                              | 0.07   | Mol % | 0.01 |                     |           |            | 0.0            | 20             |      |
| Hydrogen Sulfide                 |                              | <0.01  | Mol % | 0.01 |                     |           |            |                | 20             |      |
| Methane                          |                              | <0.01  | Mol % | 0.01 |                     |           |            |                | 20             |      |
| Ethane                           |                              | <0.01  | Mol % | 0.01 |                     |           |            |                | 20             |      |
| Propane                          |                              | <0.01  | Mol % | 0.01 |                     |           |            |                | 20             |      |
| Isobutane                        |                              | <0.01  | Mol % | 0.01 |                     |           |            |                | 20             |      |
| n-Butane                         |                              | <0.01  | Mol % | 0.01 |                     |           |            |                | 20             |      |
| Isopentane                       |                              | <0.01  | Mol % | 0.01 |                     |           |            |                | 20             |      |
| n-Pentane                        |                              | <0.01  | Mol % | 0.01 |                     |           |            |                | 20             |      |
| Hexanes plus                     |                              | 0.02   | Mol % | 0.01 |                     |           |            | 0.0            | 20             |      |

### Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



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## Work Order Receipt Checklist

Eurofins TestAmerica - Albuquerque

B25032142

Login completed by: Kyelie L. Pflock

Date Received: 3/31/2025

Reviewed by: gmccartney

Received by: CMJ

Reviewed Date: 4/1/2025

Carrier name: FedEx NDA

|                                                                                                                                                             |                                         |                                        |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|------------------------------------------------------------|
| Shipping container/cooler in good condition?                                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all shipping container(s)/cooler(s)?                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all 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?<br>(Exclude analyses that are considered field parameters<br>such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Temp Blank received in all shipping container(s)/cooler(s)?                                                                                                 | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> | Not Applicable <input type="checkbox"/>                    |
| Container/Temp Blank temperature:                                                                                                                           | 10.0°C No Ice                           |                                        |                                                            |
| Containers requiring zero headspace have no headspace or<br>bubble that is <6mm (1/4").                                                                     | 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"/>            | Not Applicable <input checked="" type="checkbox"/>         |

### Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.

Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

### Contact and Corrective Action Comments:

None



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## Laboratory Certifications and Accreditations

Current certificates are available at [www.energylab.com](http://www.energylab.com) website:

|                                                                                                                                                                                                       | Agency                               | Number           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------|
| <b>Billings, MT</b><br><br><br><br> | Alaska                               | 17-023           |
|                                                                                                                                                                                                       | California                           | 3087             |
|                                                                                                                                                                                                       | Colorado                             | MT00005          |
|                                                                                                                                                                                                       | Department of Defense (DoD)/ISO17025 | ADE-2588         |
|                                                                                                                                                                                                       | Florida (Primary NELAP)              | E87668           |
|                                                                                                                                                                                                       | Idaho                                | MT00005          |
|                                                                                                                                                                                                       | Louisiana                            | 05079            |
|                                                                                                                                                                                                       | Montana                              | CERT0044         |
|                                                                                                                                                                                                       | Nebraska                             | NE-OS-13-04      |
|                                                                                                                                                                                                       | Nevada                               | NV-C24-00250     |
|                                                                                                                                                                                                       | North Dakota                         | R-007            |
|                                                                                                                                                                                                       | National Radon Proficiency           | 109383-RMP       |
|                                                                                                                                                                                                       | Oregon                               | 4184             |
|                                                                                                                                                                                                       | South Dakota                         | ARSD 74:04:07    |
|                                                                                                                                                                                                       | Texas                                | TX-C24-00302     |
|                                                                                                                                                                                                       | US EPA Region VIII                   | Reciprocal       |
|                                                                                                                                                                                                       | USDA Soil Permit                     | P330-20-00170    |
|                                                                                                                                                                                                       | Washington                           | C1039            |
| <b>Casper, WY</b><br><br>                                                                                          | Alaska                               | 20-006           |
|                                                                                                                                                                                                       | California                           | 3021             |
|                                                                                                                                                                                                       | Colorado                             | WY00002          |
|                                                                                                                                                                                                       | Florida (Primary NELAP)              | E87641           |
|                                                                                                                                                                                                       | Idaho                                | WY00002          |
|                                                                                                                                                                                                       | Louisiana                            | 05083            |
|                                                                                                                                                                                                       | Montana                              | CERT0002         |
|                                                                                                                                                                                                       | Nebraska                             | NE-OS-08-04      |
|                                                                                                                                                                                                       | Nevada                               | NV-C24-00245     |
|                                                                                                                                                                                                       | North Dakota                         | R-125            |
|                                                                                                                                                                                                       | Oregon                               | WY200001         |
|                                                                                                                                                                                                       | South Dakota                         | WY00002          |
|                                                                                                                                                                                                       | Texas                                | T104704181-23-21 |
|                                                                                                                                                                                                       | US EPA Region VIII                   | WY00002          |
|                                                                                                                                                                                                       | USNRC License                        | 49-26846-01      |
|                                                                                                                                                                                                       | Washington                           | C1012            |
| <b>Gillette, WY</b>                                                                                                                                                                                   | US EPA Region VIII                   | WY00006          |
| <b>Helena, MT</b>                                                                                                                                                                                     | Colorado                             | MT00945          |
|                                                                                                                                                                                                       | Montana                              | CERT0079         |
|                                                                                                                                                                                                       | Nevada                               | NV-C24-00119     |
|                                                                                                                                                                                                       | US EPA Region VIII                   | Reciprocal       |
|                                                                                                                                                                                                       | USDA Soil Permit                     | P330-20-00090    |

**Eurofins Albuquerque**  
4901 Hawkins NE  
Albuquerque, NM 87109  
Phone: 505-345-3975 Fax: 505-345-3456

## Chain of Custody Record



## Environment Testing

[illegible]

Ver: 10/10/2024

ICOC No:  
885-4359

**Containers**

|              |                       |                     |
|--------------|-----------------------|---------------------|
| <b>Count</b> | <b>Container Type</b> | <b>Preservative</b> |
| 1            | Tedlar Bag 1L         | None                |

**Subcontract Method Instructions**

| Sample IDs | Method      | Method Description          | Method Comments                     |
|------------|-------------|-----------------------------|-------------------------------------|
| 1          | SUBCONTRACT | SUB (Natural Gases O2, CO2) | Fixed Gases - Natural Gases O2, CO2 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12



## Login Sample Receipt Checklist

Client: Cottonwood Consulting LLC

Job Number: 885-22168-1

Login Number: 22168

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.                                                    | N/A    |         |
| 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   |         |



Environment Testing

1

2

3

4

5

6

7

8

9

10

11

12

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Kyle Siesser  
Cottonwood Consulting LLC  
PO BOX 1653  
Durango, Colorado 81302  
Generated 7/8/2025 3:24:14 PM

## JOB DESCRIPTION

Sandoval GCA #001A

## JOB NUMBER

885-27100-1

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  
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Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Laboratory Job ID: 885-27100-1

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## Definitions/Glossary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-27100-1

## 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                                                                                       |

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## Case Narrative

Client: Cottonwood Consulting LLC  
Project: Sandoval GCA #001A

Job ID: 885-27100-1

**Job ID: 885-27100-1**

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### Job Narrative 885-27100-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 6/19/2025 6:45 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

#### Receipt Exceptions

The Field Sampler was not listed on the Chain of Custody.

#### Subcontract Work

Method Natural Gases O2, CO2: This method was subcontracted to Energy Laboratories, Inc. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

#### GC/MS VOA

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

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## Client Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-27100-1

Client Sample ID: SVE

Lab Sample ID: 885-27100-1

Date Collected: 06/18/25 12:10

Matrix: Air

Date Received: 06/19/25 06:45

Sample Container: Tedlar Bag 1L

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte                     | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.20 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,1-Dichloropropene         | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,2,3-Trichlorobenzene      | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,2,3-Trichloropropane      | ND     |           | 0.20 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,2,4-Trichlorobenzene      | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,2,4-Trimethylbenzene      | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND     |           | 0.20 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,2-Dichloroethane (EDC)    | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,3,5-Trimethylbenzene      | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,3-Dichloropropane         | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 1-Methylnaphthalene         | ND     |           | 0.40 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 2,2-Dichloropropane         | ND     |           | 0.20 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 2-Butanone                  | ND     |           | 1.0  | ug/L |   |          | 06/25/25 15:17 | 1       |
| 2-Chlorotoluene             | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 2-Hexanone                  | ND     |           | 1.0  | ug/L |   |          | 06/25/25 15:17 | 1       |
| 2-Methylnaphthalene         | ND     |           | 0.40 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 4-Chlorotoluene             | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 4-Isopropyltoluene          | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| 4-Methyl-2-pentanone        | ND     |           | 1.0  | ug/L |   |          | 06/25/25 15:17 | 1       |
| Acetone                     | ND     |           | 1.0  | ug/L |   |          | 06/25/25 15:17 | 1       |
| Benzene                     | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Bromobenzene                | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Bromodichloromethane        | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Dibromochloromethane        | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Bromoform                   | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Bromomethane                | ND     |           | 0.30 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | ug/L |   |          | 06/25/25 15:17 | 1       |
| Carbon tetrachloride        | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Chlorobenzene               | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Chloroethane                | ND     |           | 0.20 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Chloroform                  | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Chloromethane               | ND     |           | 0.30 | ug/L |   |          | 06/25/25 15:17 | 1       |
| cis-1,2-Dichloroethene      | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Dibromomethane              | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Dichlorodifluoromethane     | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Ethylbenzene                | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Hexachlorobutadiene         | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |

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## Client Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-27100-1

Client Sample ID: SVE

Lab Sample ID: 885-27100-1

Date Collected: 06/18/25 12:10

Matrix: Air

Date Received: 06/19/25 06:45

Sample Container: Tedlar Bag 1L

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte                        | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| Isopropylbenzene               | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Methyl-tert-butyl Ether (MTBE) | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Methylene Chloride             | ND     |           | 0.30 | ug/L |   |          | 06/25/25 15:17 | 1       |
| n-Butylbenzene                 | ND     |           | 0.30 | ug/L |   |          | 06/25/25 15:17 | 1       |
| N-Propylbenzene                | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Naphthalene                    | ND     |           | 0.20 | ug/L |   |          | 06/25/25 15:17 | 1       |
| sec-Butylbenzene               | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Styrene                        | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| tert-Butylbenzene              | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Tetrachloroethene (PCE)        | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Toluene                        | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| trans-1,2-Dichloroethene       | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| trans-1,3-Dichloropropene      | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Trichloroethene (TCE)          | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Trichlorofluoromethane         | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Vinyl chloride                 | ND     |           | 0.10 | ug/L |   |          | 06/25/25 15:17 | 1       |
| Xylenes, Total                 | ND     |           | 0.15 | ug/L |   |          | 06/25/25 15:17 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97        |           | 70 - 130 |          | 06/25/25 15:17 | 1       |
| Toluene-d8 (Surr)            | 97        |           | 70 - 130 |          | 06/25/25 15:17 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 70 - 130 |          | 06/25/25 15:17 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 70 - 130 |          | 06/25/25 15:17 | 1       |

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## QC Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-27100-1

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

Lab Sample ID: MB 885-28974/5

Matrix: Air

Analysis Batch: 28974

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|-----|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,1,1-Trichloroethane       | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND           |                 | 2.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,1,2-Trichloroethane       | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,1-Dichloroethane          | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,1-Dichloroethene          | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,1-Dichloropropene         | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,2,3-Trichlorobenzene      | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,2,3-Trichloropropane      | ND           |                 | 2.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,2,4-Trichlorobenzene      | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,2,4-Trimethylbenzene      | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND           |                 | 2.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,2-Dibromoethane (EDB)     | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,2-Dichlorobenzene         | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,2-Dichloroethane (EDC)    | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,2-Dichloropropane         | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,3,5-Trimethylbenzene      | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,3-Dichlorobenzene         | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,3-Dichloropropane         | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1,4-Dichlorobenzene         | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 1-Methylnaphthalene         | ND           |                 | 4.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 2,2-Dichloropropane         | ND           |                 | 2.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 2-Butanone                  | ND           |                 | 10  | ug/L |   |          | 06/25/25 13:27 | 1       |
| 2-Chlorotoluene             | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 2-Hexanone                  | ND           |                 | 10  | ug/L |   |          | 06/25/25 13:27 | 1       |
| 2-Methylnaphthalene         | ND           |                 | 4.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 4-Chlorotoluene             | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 4-Isopropyltoluene          | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| 4-Methyl-2-pentanone        | ND           |                 | 10  | ug/L |   |          | 06/25/25 13:27 | 1       |
| Acetone                     | ND           |                 | 10  | ug/L |   |          | 06/25/25 13:27 | 1       |
| Benzene                     | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Bromobenzene                | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Bromodichloromethane        | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Dibromochloromethane        | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Bromoform                   | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Bromomethane                | ND           |                 | 3.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Carbon disulfide            | ND           |                 | 10  | ug/L |   |          | 06/25/25 13:27 | 1       |
| Carbon tetrachloride        | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Chlorobenzene               | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Chloroethane                | ND           |                 | 2.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Chloroform                  | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Chloromethane               | ND           |                 | 3.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| cis-1,2-Dichloroethene      | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| cis-1,3-Dichloropropene     | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Dibromomethane              | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Dichlorodifluoromethane     | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Ethylbenzene                | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Hexachlorobutadiene         | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |

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## QC Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-27100-1

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

Lab Sample ID: MB 885-28974/5

Matrix: Air

Analysis Batch: 28974

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                        | MB<br>Result | MB<br>Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|--------------|-----------------|-----|------|---|----------|----------------|---------|
| Isopropylbenzene               | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Methyl-tert-butyl Ether (MTBE) | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Methylene Chloride             | ND           |                 | 3.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| n-Butylbenzene                 | ND           |                 | 3.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| N-Propylbenzene                | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Naphthalene                    | ND           |                 | 2.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| sec-Butylbenzene               | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Styrene                        | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| tert-Butylbenzene              | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Tetrachloroethene (PCE)        | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Toluene                        | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| trans-1,2-Dichloroethene       | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| trans-1,3-Dichloropropene      | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Trichloroethene (TCE)          | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Trichlorofluoromethane         | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Vinyl chloride                 | ND           |                 | 1.0 | ug/L |   |          | 06/25/25 13:27 | 1       |
| Xylenes, Total                 | ND           |                 | 1.5 | ug/L |   |          | 06/25/25 13:27 | 1       |

| Surrogate                    | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100             |                 | 70 - 130 |          | 06/25/25 13:27 | 1       |
| Toluene-d8 (Surr)            | 98              |                 | 70 - 130 |          | 06/25/25 13:27 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98              |                 | 70 - 130 |          | 06/25/25 13:27 | 1       |
| Dibromofluoromethane (Surr)  | 97              |                 | 70 - 130 |          | 06/25/25 13:27 | 1       |

Lab Sample ID: LCS 885-28974/4

Matrix: Air

Analysis Batch: 28974

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte               | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,1-Dichloroethene    | 20.0           | 18.5          |                  | ug/L |   | 92   | 70 - 130       |
| Benzene               | 20.0           | 24.1          |                  | ug/L |   | 121  | 70 - 130       |
| Chlorobenzene         | 20.0           | 21.1          |                  | ug/L |   | 105  | 70 - 130       |
| Toluene               | 20.0           | 20.9          |                  | ug/L |   | 104  | 70 - 130       |
| Trichloroethene (TCE) | 20.0           | 18.5          |                  | ug/L |   | 92   | 70 - 130       |

| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|------------------------------|------------------|------------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 101              |                  | 70 - 130 |
| Toluene-d8 (Surr)            | 99               |                  | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 98               |                  | 70 - 130 |
| Dibromofluoromethane (Surr)  | 97               |                  | 70 - 130 |

Eurofins Albuquerque

QC Association Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-27100-1

GC/MS VOA

Analysis Batch: 28974

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-27100-1     | SVE                | Total/NA  | Air    | 8260B  |            |
| MB 885-28974/5  | Method Blank       | Total/NA  | Air    | 8260B  |            |
| LCS 885-28974/4 | Lab Control Sample | Total/NA  | Air    | 8260B  |            |

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- 11
- 12

Lab Chronicle

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-27100-1

Client Sample ID: SVE  
Date Collected: 06/18/25 12:10  
Date Received: 06/19/25 06:45

Lab Sample ID: 885-27100-1  
Matrix: Air

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 28974        | JP      | EET ALB | 06/25/25 15:17       |

Laboratory References:

= , 1120 South 27th Street, Billings, MT 59101, TEL (406)252-6325

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

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## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-27100-1

## 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        | 02-27-26        |

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                     |
|-----------------|-------------|--------|-----------------------------|
| 8260B           |             | Air    | 1,1,1,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,1-Trichloroethane       |
| 8260B           |             | Air    | 1,1,2,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,2-Trichloroethane       |
| 8260B           |             | Air    | 1,1-Dichloroethane          |
| 8260B           |             | Air    | 1,1-Dichloroethene          |
| 8260B           |             | Air    | 1,1-Dichloropropene         |
| 8260B           |             | Air    | 1,2,3-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,3-Trichloropropane      |
| 8260B           |             | Air    | 1,2,4-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,4-Trimethylbenzene      |
| 8260B           |             | Air    | 1,2-Dibromo-3-Chloropropane |
| 8260B           |             | Air    | 1,2-Dibromoethane (EDB)     |
| 8260B           |             | Air    | 1,2-Dichlorobenzene         |
| 8260B           |             | Air    | 1,2-Dichloroethane (EDC)    |
| 8260B           |             | Air    | 1,2-Dichloropropane         |
| 8260B           |             | Air    | 1,3,5-Trimethylbenzene      |
| 8260B           |             | Air    | 1,3-Dichlorobenzene         |
| 8260B           |             | Air    | 1,3-Dichloropropane         |
| 8260B           |             | Air    | 1,4-Dichlorobenzene         |
| 8260B           |             | Air    | 1-Methylnaphthalene         |
| 8260B           |             | Air    | 2,2-Dichloropropane         |
| 8260B           |             | Air    | 2-Butanone                  |
| 8260B           |             | Air    | 2-Chlorotoluene             |
| 8260B           |             | Air    | 2-Hexanone                  |
| 8260B           |             | Air    | 2-Methylnaphthalene         |
| 8260B           |             | Air    | 4-Chlorotoluene             |
| 8260B           |             | Air    | 4-Isopropyltoluene          |
| 8260B           |             | Air    | 4-Methyl-2-pentanone        |
| 8260B           |             | Air    | Acetone                     |
| 8260B           |             | Air    | Benzene                     |
| 8260B           |             | Air    | Bromobenzene                |
| 8260B           |             | Air    | Bromodichloromethane        |
| 8260B           |             | Air    | Bromoform                   |
| 8260B           |             | Air    | Bromomethane                |
| 8260B           |             | Air    | Carbon disulfide            |
| 8260B           |             | Air    | Carbon tetrachloride        |
| 8260B           |             | Air    | Chlorobenzene               |
| 8260B           |             | Air    | Chloroethane                |
| 8260B           |             | Air    | Chloroform                  |
| 8260B           |             | Air    | Chloromethane               |
| 8260B           |             | Air    | cis-1,2-Dichloroethene      |
| 8260B           |             | Air    | cis-1,3-Dichloropropene     |
| 8260B           |             | Air    | Dibromochloromethane        |
| 8260B           |             | Air    | Dibromomethane              |

Eurofins Albuquerque

## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-27100-1

## Laboratory: Eurofins Albuquerque (Continued)

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

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
|-----------|---------|-----------------------|-----------------|

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                        |
|-----------------|-------------|--------|--------------------------------|
| 8260B           |             | Air    | Dichlorodifluoromethane        |
| 8260B           |             | Air    | Ethylbenzene                   |
| 8260B           |             | Air    | Hexachlorobutadiene            |
| 8260B           |             | Air    | Isopropylbenzene               |
| 8260B           |             | Air    | Methylene Chloride             |
| 8260B           |             | Air    | Methyl-tert-butyl Ether (MTBE) |
| 8260B           |             | Air    | Naphthalene                    |
| 8260B           |             | Air    | n-Butylbenzene                 |
| 8260B           |             | Air    | N-Propylbenzene                |
| 8260B           |             | Air    | sec-Butylbenzene               |
| 8260B           |             | Air    | Styrene                        |
| 8260B           |             | Air    | tert-Butylbenzene              |
| 8260B           |             | Air    | Tetrachloroethene (PCE)        |
| 8260B           |             | Air    | Toluene                        |
| 8260B           |             | Air    | trans-1,2-Dichloroethene       |
| 8260B           |             | Air    | trans-1,3-Dichloropropene      |
| 8260B           |             | Air    | Trichloroethene (TCE)          |
| 8260B           |             | Air    | Trichlorofluoromethane         |
| 8260B           |             | Air    | Vinyl chloride                 |
| 8260B           |             | Air    | Xylenes, Total                 |

|        |       |          |          |
|--------|-------|----------|----------|
| Oregon | NELAP | NM100001 | 02-26-26 |
|--------|-------|----------|----------|

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                     |
|-----------------|-------------|--------|-----------------------------|
| 8260B           |             | Air    | 1,1,1,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,1-Trichloroethane       |
| 8260B           |             | Air    | 1,1,2,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,2-Trichloroethane       |
| 8260B           |             | Air    | 1,1-Dichloroethane          |
| 8260B           |             | Air    | 1,1-Dichloroethene          |
| 8260B           |             | Air    | 1,1-Dichloropropene         |
| 8260B           |             | Air    | 1,2,3-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,3-Trichloropropane      |
| 8260B           |             | Air    | 1,2,4-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,4-Trimethylbenzene      |
| 8260B           |             | Air    | 1,2-Dibromo-3-Chloropropane |
| 8260B           |             | Air    | 1,2-Dibromoethane (EDB)     |
| 8260B           |             | Air    | 1,2-Dichlorobenzene         |
| 8260B           |             | Air    | 1,2-Dichloroethane (EDC)    |
| 8260B           |             | Air    | 1,2-Dichloropropane         |
| 8260B           |             | Air    | 1,3,5-Trimethylbenzene      |
| 8260B           |             | Air    | 1,3-Dichlorobenzene         |
| 8260B           |             | Air    | 1,3-Dichloropropane         |
| 8260B           |             | Air    | 1,4-Dichlorobenzene         |
| 8260B           |             | Air    | 1-Methylnaphthalene         |
| 8260B           |             | Air    | 2,2-Dichloropropane         |

Eurofins Albuquerque

## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-27100-1

## Laboratory: Eurofins Albuquerque (Continued)

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

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------------------|
| 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                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Butanone                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Chlorotoluene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Hexanone                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Methylnaphthalene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Chlorotoluene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Isopropyltoluene             |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Methyl-2-pentanone           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Acetone                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Benzene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromobenzene                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromodichloromethane           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromoform                      |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromomethane                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Carbon disulfide               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Carbon tetrachloride           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chlorobenzene                  |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloroethane                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloroform                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloromethane                  |
| 8260B                                                                                                                                                                                                 |             | Air                   | cis-1,2-Dichloroethene         |
| 8260B                                                                                                                                                                                                 |             | Air                   | cis-1,3-Dichloropropene        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dibromochloromethane           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dibromomethane                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dichlorodifluoromethane        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Ethylbenzene                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Hexachlorobutadiene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | Isopropylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methylene Chloride             |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methyl-tert-butyl Ether (MTBE) |
| 8260B                                                                                                                                                                                                 |             | Air                   | Naphthalene                    |
| 8260B                                                                                                                                                                                                 |             | Air                   | n-Butylbenzene                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | N-Propylbenzene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | sec-Butylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Styrene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | tert-Butylbenzene              |
| 8260B                                                                                                                                                                                                 |             | Air                   | Tetrachloroethene (PCE)        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Toluene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,2-Dichloroethene       |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,3-Dichloropropene      |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichloroethene (TCE)          |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichlorofluoromethane         |
| 8260B                                                                                                                                                                                                 |             | Air                   | Vinyl chloride                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | Xylenes, Total                 |

Eurofins Albuquerque



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## ANALYTICAL SUMMARY REPORT

July 08, 2025

Eurofins TestAmerica - Albuquerque

4901 Hawkins St NE Ste D

Albuquerque, NM 87109-4372

Work Order: B25070053

Quote ID: B15626

Project Name: Sandoval GCA #001A, 88501577

Energy Laboratories Inc Billings MT received the following 1 sample for Eurofins TestAmerica - Albuquerque on 7/1/2025 for analysis.

| Lab ID        | Client Sample ID  | Collect Date   | Receive Date | Matrix | Test                                                                                                                                                                                |
|---------------|-------------------|----------------|--------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B25070053-001 | SVE (885-27100-1) | 06/18/25 12:10 | 07/01/25     | Air    | Air Correction Calculations<br>Appearance and Comments<br>Calculated Properties<br>GPM @ std cond./1000 cu. ft., moist.<br>Free<br>Natural Gas Analysis<br>Specific Gravity @ 60/60 |

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 So. 27th Street, Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

If you have any questions regarding these test results, please contact your Project Manager.



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## LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

**Client:** Eurofins TestAmerica - Albuquerque  
**Project:** Sandoval GCA #001A, 88501577  
**Lab ID:** B25070053-001  
**Client Sample ID:** SVE (885-27100-1)

**Report Date:** 07/08/25  
**Collection Date:** 06/18/25 12:10  
**Date Received:** 07/01/25  
**Matrix:** Air

| Analyses                                  | Result  | Units | Qualifiers | RL    | MCL/<br>QCL | Method      | Analysis Date / By   |
|-------------------------------------------|---------|-------|------------|-------|-------------|-------------|----------------------|
| <b>GAS CHROMATOGRAPHY ANALYSIS REPORT</b> |         |       |            |       |             |             |                      |
| Oxygen                                    | 21.68   | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Nitrogen                                  | 78.28   | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Carbon Dioxide                            | 0.04    | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Hydrogen Sulfide                          | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Methane                                   | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Ethane                                    | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Propane                                   | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Isobutane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| n-Butane                                  | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Isopentane                                | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| n-Pentane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Hexanes plus                              | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Propane                                   | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Isobutane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| n-Butane                                  | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Isopentane                                | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| n-Pentane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Hexanes plus                              | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| GPM Total                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 07/07/25 11:58 / jrj |
| GPM Pentanes plus                         | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 07/07/25 11:58 / jrj |

### CALCULATED PROPERTIES

|                                       |       |  |       |  |             |                      |
|---------------------------------------|-------|--|-------|--|-------------|----------------------|
| Gross BTU per cu ft @ Std Cond. (HHV) | ND    |  | 1     |  | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Net BTU per cu ft @ std cond. (LHV)   | ND    |  | 1     |  | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Pseudo-critical Pressure, psia        | 545   |  | 1     |  | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Pseudo-critical Temperature, deg R    | 239   |  | 1     |  | GPA 2261-13 | 07/07/25 11:58 / jrj |
| Specific Gravity @ 60/60F             | 0.998 |  | 0.001 |  | D3588-81    | 07/07/25 11:58 / jrj |
| Air, %                                | 99.05 |  | 0.01  |  | GPA 2261-13 | 07/07/25 11:58 / jrj |

- The analysis was not corrected for air.

### COMMENTS

|                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|----------------------|
| -                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  | 07/07/25 11:58 / jrj |
| - BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.<br>- GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.<br>- To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.<br>- Standard conditions: 60 F & 14.73 psi on a dry basis. |  |  |  |  |  |                      |

**Report Definitions:** RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)

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## QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070053

Report Date: 07/08/25

| Analyte                          | Count | Result                    | Units | RL   | %REC | Low Limit           | High Limit | RPD | RPDLimit | Qual           |
|----------------------------------|-------|---------------------------|-------|------|------|---------------------|------------|-----|----------|----------------|
| <b>Method: GPA 2261-13</b>       |       |                           |       |      |      |                     |            |     |          | Batch: R445403 |
| <b>Lab ID: B25070054-001ADUP</b> | 12    | Sample Duplicate          |       |      |      | Run: GC7890_250707A |            |     |          | 07/07/25 13:43 |
| Oxygen                           |       | 21.3                      | Mol % | 0.01 |      |                     |            | 0.7 | 20       |                |
| Nitrogen                         |       | 78.4                      | Mol % | 0.01 |      |                     |            | 0.2 | 20       |                |
| Carbon Dioxide                   |       | 0.30                      | Mol % | 0.01 |      |                     |            | 0.0 | 20       |                |
| Hydrogen Sulfide                 |       | <0.01                     | Mol % | 0.01 |      |                     |            |     | 20       |                |
| Methane                          |       | <0.01                     | Mol % | 0.01 |      |                     |            |     | 20       |                |
| Ethane                           |       | <0.01                     | Mol % | 0.01 |      |                     |            |     | 20       |                |
| Propane                          |       | <0.01                     | Mol % | 0.01 |      |                     |            |     | 20       |                |
| Isobutane                        |       | <0.01                     | Mol % | 0.01 |      |                     |            |     | 20       |                |
| n-Butane                         |       | <0.01                     | Mol % | 0.01 |      |                     |            |     | 20       |                |
| Isopentane                       |       | <0.01                     | Mol % | 0.01 |      |                     |            |     | 20       |                |
| n-Pentane                        |       | <0.01                     | Mol % | 0.01 |      |                     |            |     | 20       |                |
| Hexanes plus                     |       | <0.01                     | Mol % | 0.01 |      |                     |            |     | 20       |                |
| <b>Lab ID: LCS070725</b>         | 11    | Laboratory Control Sample |       |      |      | Run: GC7890_250707A |            |     |          | 07/07/25 14:32 |
| Oxygen                           |       | 0.63                      | Mol % | 0.01 | 128  | 70                  | 130        |     |          |                |
| Nitrogen                         |       | 6.18                      | Mol % | 0.01 | 105  | 70                  | 130        |     |          |                |
| Carbon Dioxide                   |       | 0.99                      | Mol % | 0.01 | 99   | 70                  | 130        |     |          |                |
| Methane                          |       | 76.5                      | Mol % | 0.01 | 100  | 70                  | 130        |     |          |                |
| Ethane                           |       | 6.00                      | Mol % | 0.01 | 99   | 70                  | 130        |     |          |                |
| Propane                          |       | 5.00                      | Mol % | 0.01 | 100  | 70                  | 130        |     |          |                |
| Isobutane                        |       | 1.55                      | Mol % | 0.01 | 78   | 70                  | 130        |     |          |                |
| n-Butane                         |       | 1.95                      | Mol % | 0.01 | 98   | 70                  | 130        |     |          |                |
| Isopentane                       |       | 0.49                      | Mol % | 0.01 | 98   | 70                  | 130        |     |          |                |
| n-Pentane                        |       | 0.50                      | Mol % | 0.01 | 100  | 70                  | 130        |     |          |                |
| Hexanes plus                     |       | 0.19                      | Mol % | 0.01 | 92   | 70                  | 130        |     |          |                |

## Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



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## Work Order Receipt Checklist

Eurofins TestAmerica - Albuquerque

B25070053

Login completed by: Danielle N. Harris

Date Received: 7/1/2025

Reviewed by: darcy

Received by: ET

Reviewed Date: 7/2/2025

Carrier name: FedEx NDA

|                                                                                                                                                             |                                         |                                        |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|------------------------------------------------------------|
| Shipping container/cooler in good condition?                                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all shipping container(s)/cooler(s)?                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all 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 type="checkbox"/>            | No <input checked="" 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?<br>(Exclude analyses that are considered field parameters<br>such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Temp Blank received in all shipping container(s)/cooler(s)?                                                                                                 | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> | Not Applicable <input type="checkbox"/>                    |
| Container/Temp Blank temperature:                                                                                                                           | 23.1°C No Ice                           |                                        |                                                            |
| Containers requiring zero headspace have no headspace or<br>bubble that is <6mm (1/4").                                                                     | 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"/>            | Not Applicable <input checked="" type="checkbox"/>         |

### Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.

Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

### Contact and Corrective Action Comments:

The chain of custody requests a due date of 06/26/25 but received the samples on 07/01/25. Proceed with a due date of 07/08/25 per email with Cheyenne Cason on 07/01/25. DNH 07/01/25



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## Laboratory Certifications and Accreditations

Current certificates are available at [www.energylab.com](http://www.energylab.com) website:

|                                                                                                                                                                                                       | Agency                               | Number           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------|
| <b>Billings, MT</b><br><br><br><br> | Alaska                               | 17-023           |
|                                                                                                                                                                                                       | California                           | 3087             |
|                                                                                                                                                                                                       | Colorado                             | MT00005          |
|                                                                                                                                                                                                       | Department of Defense (DoD)/ISO17025 | ADE-2588         |
|                                                                                                                                                                                                       | Florida (Primary NELAP)              | E87668           |
|                                                                                                                                                                                                       | Idaho                                | MT00005          |
|                                                                                                                                                                                                       | Louisiana                            | 05079            |
|                                                                                                                                                                                                       | Montana                              | CERT0044         |
|                                                                                                                                                                                                       | Nebraska                             | NE-OS-13-04      |
|                                                                                                                                                                                                       | Nevada                               | NV-C24-00250     |
|                                                                                                                                                                                                       | North Dakota                         | R-007            |
|                                                                                                                                                                                                       | National Radon Proficiency           | 109383-RMP       |
|                                                                                                                                                                                                       | Oregon                               | 4184             |
|                                                                                                                                                                                                       | South Dakota                         | ARSD 74:04:07    |
|                                                                                                                                                                                                       | Texas                                | TX-C24-00302     |
|                                                                                                                                                                                                       | US EPA Region VIII                   | Reciprocal       |
|                                                                                                                                                                                                       | USDA Soil Permit                     | P330-20-00170    |
|                                                                                                                                                                                                       | Washington                           | C1039            |
| <b>Casper, WY</b><br><br>                                                                                          | Alaska                               | 20-006           |
|                                                                                                                                                                                                       | California                           | 3021             |
|                                                                                                                                                                                                       | Colorado                             | WY00002          |
|                                                                                                                                                                                                       | Florida (Primary NELAP)              | E87641           |
|                                                                                                                                                                                                       | Idaho                                | WY00002          |
|                                                                                                                                                                                                       | Louisiana                            | 05083            |
|                                                                                                                                                                                                       | Montana                              | CERT0002         |
|                                                                                                                                                                                                       | Nebraska                             | NE-OS-08-04      |
|                                                                                                                                                                                                       | Nevada                               | NV-C24-00245     |
|                                                                                                                                                                                                       | North Dakota                         | R-125            |
|                                                                                                                                                                                                       | Oregon                               | WY200001         |
|                                                                                                                                                                                                       | South Dakota                         | WY00002          |
|                                                                                                                                                                                                       | Texas                                | T104704181-23-21 |
|                                                                                                                                                                                                       | US EPA Region VIII                   | WY00002          |
|                                                                                                                                                                                                       | USNRC License                        | 49-26846-01      |
|                                                                                                                                                                                                       | Washington                           | C1012            |
| <b>Gillette, WY</b>                                                                                                                                                                                   | US EPA Region VIII                   | WY00006          |
| <b>Helena, MT</b>                                                                                                                                                                                     | Colorado                             | MT00945          |
|                                                                                                                                                                                                       | Montana                              | CERT0079         |
|                                                                                                                                                                                                       | Nevada                               | NV-C24-00119     |
|                                                                                                                                                                                                       | US EPA Region VIII                   | Reciprocal       |
|                                                                                                                                                                                                       | USDA Soil Permit                     | P330-20-00090    |

**Eurofins Albuquerque**  
4901 Hawkins NE  
Albuquerque, NM 87109  
Phone: 505-345-3975 Fax: 505-345-3976

## Chain of Custody Record



## Environment Testing

[illegible]

Ver: 10/10/2024

ICOC No:  
885-5547

**Containers**

|              |                       |                     |
|--------------|-----------------------|---------------------|
| <u>Count</u> | <u>Container Type</u> | <u>Preservative</u> |
| 1            | Tedlar Bag 1L         | None                |

**Subcontract Method Instructions**

| Sample IDs | Method      | Method Description                       | Method Comments                     |
|------------|-------------|------------------------------------------|-------------------------------------|
| 1          | SUBCONTRACT | SUB - GPA-226195 - Natural Gases O2, CO2 | Fixed Gases - Natural Gases O2, CO2 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

| Chain-of-Custody Record                                                                                |       |                                                                                                               |             |                      |                   |          |         |      |  |
|--------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------|-------------|----------------------|-------------------|----------|---------|------|--|
| Client:                                                                                                |       | Cottonwood Consulting LLC                                                                                     |             |                      |                   |          |         |      |  |
| Mailing Address:                                                                                       |       | PO Box 1653                                                                                                   |             |                      |                   |          |         |      |  |
|                                                                                                        |       | Durango, CO 81302                                                                                             |             |                      |                   |          |         |      |  |
| Phone #:                                                                                               |       | 970-764-7356                                                                                                  |             |                      |                   |          |         |      |  |
| email or Fax#:                                                                                         |       | kslessner@cottonwoodconsulting.com                                                                            |             |                      |                   |          |         |      |  |
| QA/QC Package:                                                                                         |       | <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)               |             |                      |                   |          |         |      |  |
| Accreditation:                                                                                         |       | <input type="checkbox"/> Az Compliance<br><input type="checkbox"/> NELAC <input type="checkbox"/> Other _____ |             |                      |                   |          |         |      |  |
| <input type="checkbox"/> EDD (Type) _____<br><input type="checkbox"/> Cooler Temp (including CF) _____ |       |                                                                                                               |             |                      |                   |          |         |      |  |
| Date                                                                                                   | Time  | Matrix                                                                                                        | Sample Name | Container Type and # | Preservative Type | HEAL No. |         |      |  |
| 6-18-25                                                                                                | 12:10 | AIR                                                                                                           | SVE         | tedlar bag -21       | NA                |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
|                                                                                                        |       |                                                                                                               |             |                      |                   |          |         |      |  |
| Date                                                                                                   | Time  | Relinquished by                                                                                               |             | Received by          |                   | Via      | Date    | Time |  |
| 6/18/25                                                                                                | 1422  | [Signature]                                                                                                   |             | [Signature]          |                   |          | 6/18/25 | 1422 |  |
| Date                                                                                                   | Time  | Relinquished by                                                                                               |             | Received by          |                   | Via      | Date    | Time |  |
| 6/18/25                                                                                                | 1800  | [Signature]                                                                                                   |             | [Signature]          |                   |          | 6/18/25 | 1800 |  |

if necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

## Login Sample Receipt Checklist

Client: Cottonwood Consulting LLC

Job Number: 885-27100-1

Login Number: 27100

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

| 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.                                                    | False  | Thermal preservation not required.  |
| 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?                                      | False  | Refer to Job Narrative for details. |
| 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   |                                     |



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Kyle Siesser  
Cottonwood Consulting LLC  
PO BOX 1653  
Durango, Colorado 81302  
Generated 9/26/2025 5:27:53 PM

## JOB DESCRIPTION

Sandoval GCA #001A

## JOB NUMBER

885-33619-1

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  
[cheyenne.cason@et.eurofinsus.com](mailto:cheyenne.cason@et.eurofinsus.com)  
(505)338-8812

Generated  
9/26/2025 5:27:53 PM

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Laboratory Job ID: 885-33619-1

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## Definitions/Glossary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-33619-1

## 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: Sandoval GCA #001A

Job ID: 885-33619-1

**Job ID: 885-33619-1**

**Eurofins Albuquerque**

### Job Narrative 885-33619-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The sample was received on 9/18/2025 7:15 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

### Subcontract Work

Method Natural Gases O2, CO2: This method was subcontracted to Energy Laboratories, Inc. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

### 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: Sandoval GCA #001A

Job ID: 885-33619-1

Client Sample ID: SVE

Lab Sample ID: 885-33619-1

Date Collected: 09/17/25 12:05

Matrix: Air

Date Received: 09/18/25 07:15

Sample Container: Tedlar Bag 1L

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte                     | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.20 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,1-Dichloropropene         | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,2,3-Trichlorobenzene      | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,2,3-Trichloropropane      | ND     |           | 0.20 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,2,4-Trichlorobenzene      | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,2,4-Trimethylbenzene      | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND     |           | 0.20 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,2-Dichloroethane (EDC)    | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,3,5-Trimethylbenzene      | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,3-Dichloropropane         | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 1-Methylnaphthalene         | ND     |           | 0.40 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 2,2-Dichloropropane         | ND     |           | 0.20 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 2-Butanone                  | ND     |           | 1.0  | ug/L |   |          | 09/25/25 20:16 | 1       |
| 2-Chlorotoluene             | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 2-Hexanone                  | ND     |           | 1.0  | ug/L |   |          | 09/25/25 20:16 | 1       |
| 2-Methylnaphthalene         | ND     |           | 0.40 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 4-Chlorotoluene             | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 4-Isopropyltoluene          | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| 4-Methyl-2-pentanone        | ND     |           | 1.0  | ug/L |   |          | 09/25/25 20:16 | 1       |
| Acetone                     | ND     |           | 1.0  | ug/L |   |          | 09/25/25 20:16 | 1       |
| Benzene                     | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Bromobenzene                | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Bromodichloromethane        | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Dibromochloromethane        | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Bromoform                   | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Bromomethane                | ND     |           | 0.30 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | ug/L |   |          | 09/25/25 20:16 | 1       |
| Carbon tetrachloride        | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Chlorobenzene               | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Chloroethane                | ND     |           | 0.20 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Chloroform                  | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Chloromethane               | ND     |           | 0.30 | ug/L |   |          | 09/25/25 20:16 | 1       |
| cis-1,2-Dichloroethene      | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Dibromomethane              | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Dichlorodifluoromethane     | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Ethylbenzene                | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |
| Hexachlorobutadiene         | ND     |           | 0.10 | ug/L |   |          | 09/25/25 20:16 | 1       |

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## Client Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-33619-1

Client Sample ID: SVE

Lab Sample ID: 885-33619-1

Date Collected: 09/17/25 12:05

Matrix: Air

Date Received: 09/18/25 07:15

Sample Container: Tedlar Bag 1L

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte                        | Result    | Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Isopropylbenzene               | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| Methyl-tert-butyl Ether (MTBE) | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| Methylene Chloride             | ND        |           | 0.30     | ug/L |   |          | 09/25/25 20:16 | 1       |
| n-Butylbenzene                 | ND        |           | 0.30     | ug/L |   |          | 09/25/25 20:16 | 1       |
| N-Propylbenzene                | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| Naphthalene                    | ND        |           | 0.20     | ug/L |   |          | 09/25/25 20:16 | 1       |
| sec-Butylbenzene               | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| Styrene                        | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| tert-Butylbenzene              | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| Tetrachloroethene (PCE)        | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| Toluene                        | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| trans-1,2-Dichloroethene       | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| trans-1,3-Dichloropropene      | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| Trichloroethene (TCE)          | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| Trichlorofluoromethane         | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| Vinyl chloride                 | ND        |           | 0.10     | ug/L |   |          | 09/25/25 20:16 | 1       |
| Xylenes, Total                 | ND        |           | 0.15     | ug/L |   |          | 09/25/25 20:16 | 1       |
| Surrogate                      | %Recovery | Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr)   | 100       |           | 70 - 130 |      |   |          | 09/25/25 20:16 | 1       |
| Toluene-d8 (Surr)              | 108       |           | 70 - 130 |      |   |          | 09/25/25 20:16 | 1       |
| 4-Bromofluorobenzene (Surr)    | 104       |           | 70 - 130 |      |   |          | 09/25/25 20:16 | 1       |
| Dibromofluoromethane (Surr)    | 102       |           | 70 - 130 |      |   |          | 09/25/25 20:16 | 1       |

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## QC Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-33619-1

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

Lab Sample ID: MB 885-35449/5

Matrix: Air

Analysis Batch: 35449

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,1,1-Trichloroethane       | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND           |                 | 0.20 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,1,2-Trichloroethane       | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,1-Dichloroethane          | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,1-Dichloroethene          | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,1-Dichloropropene         | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,2,3-Trichlorobenzene      | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,2,3-Trichloropropane      | ND           |                 | 0.20 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,2,4-Trichlorobenzene      | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,2,4-Trimethylbenzene      | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND           |                 | 0.20 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,2-Dibromoethane (EDB)     | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,2-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,2-Dichloroethane (EDC)    | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,2-Dichloropropane         | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,3,5-Trimethylbenzene      | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,3-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,3-Dichloropropane         | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1,4-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 1-Methylnaphthalene         | ND           |                 | 0.40 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 2,2-Dichloropropane         | ND           |                 | 0.20 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 2-Butanone                  | ND           |                 | 1.0  | ug/L |   |          | 09/25/25 17:00 | 1       |
| 2-Chlorotoluene             | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 2-Hexanone                  | ND           |                 | 1.0  | ug/L |   |          | 09/25/25 17:00 | 1       |
| 2-Methylnaphthalene         | ND           |                 | 0.40 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 4-Chlorotoluene             | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 4-Isopropyltoluene          | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| 4-Methyl-2-pentanone        | ND           |                 | 1.0  | ug/L |   |          | 09/25/25 17:00 | 1       |
| Acetone                     | ND           |                 | 1.0  | ug/L |   |          | 09/25/25 17:00 | 1       |
| Benzene                     | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Bromobenzene                | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Bromodichloromethane        | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Dibromochloromethane        | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Bromoform                   | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Bromomethane                | ND           |                 | 0.30 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Carbon disulfide            | ND           |                 | 1.0  | ug/L |   |          | 09/25/25 17:00 | 1       |
| Carbon tetrachloride        | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Chlorobenzene               | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Chloroethane                | ND           |                 | 0.20 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Chloroform                  | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Chloromethane               | ND           |                 | 0.30 | ug/L |   |          | 09/25/25 17:00 | 1       |
| cis-1,2-Dichloroethene      | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| cis-1,3-Dichloropropene     | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Dibromomethane              | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Dichlorodifluoromethane     | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Ethylbenzene                | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Hexachlorobutadiene         | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |

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## QC Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-33619-1

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

Lab Sample ID: MB 885-35449/5

Matrix: Air

Analysis Batch: 35449

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                        | MB<br>Result | MB<br>Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|--------------|-----------------|------|------|---|----------|----------------|---------|
| Isopropylbenzene               | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Methyl-tert-butyl Ether (MTBE) | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Methylene Chloride             | ND           |                 | 0.30 | ug/L |   |          | 09/25/25 17:00 | 1       |
| n-Butylbenzene                 | ND           |                 | 0.30 | ug/L |   |          | 09/25/25 17:00 | 1       |
| N-Propylbenzene                | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Naphthalene                    | ND           |                 | 0.20 | ug/L |   |          | 09/25/25 17:00 | 1       |
| sec-Butylbenzene               | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Styrene                        | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| tert-Butylbenzene              | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Tetrachloroethene (PCE)        | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Toluene                        | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| trans-1,2-Dichloroethene       | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| trans-1,3-Dichloropropene      | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Trichloroethene (TCE)          | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Trichlorofluoromethane         | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Vinyl chloride                 | ND           |                 | 0.10 | ug/L |   |          | 09/25/25 17:00 | 1       |
| Xylenes, Total                 | ND           |                 | 0.15 | ug/L |   |          | 09/25/25 17:00 | 1       |

| Surrogate                    | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 101             |                 | 70 - 130 |          | 09/25/25 17:00 | 1       |
| Toluene-d8 (Surr)            | 106             |                 | 70 - 130 |          | 09/25/25 17:00 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104             |                 | 70 - 130 |          | 09/25/25 17:00 | 1       |
| Dibromofluoromethane (Surr)  | 102             |                 | 70 - 130 |          | 09/25/25 17:00 | 1       |

Lab Sample ID: LCS 885-35449/4

Matrix: Air

Analysis Batch: 35449

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte               | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,1-Dichloroethene    | 20.0           | 19.8          |                  | ug/L |   | 99   | 70 - 130       |
| Benzene               | 20.0           | 21.1          |                  | ug/L |   | 105  | 70 - 130       |
| Chlorobenzene         | 20.0           | 21.8          |                  | ug/L |   | 109  | 70 - 130       |
| Toluene               | 20.0           | 21.8          |                  | ug/L |   | 109  | 70 - 130       |
| Trichloroethene (TCE) | 20.0           | 19.5          |                  | ug/L |   | 98   | 70 - 130       |

| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|------------------------------|------------------|------------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 102              |                  | 70 - 130 |
| Toluene-d8 (Surr)            | 105              |                  | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 102              |                  | 70 - 130 |
| Dibromofluoromethane (Surr)  | 101              |                  | 70 - 130 |

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QC Association Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-33619-1

GC/MS VOA

Analysis Batch: 35449

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-33619-1     | SVE                | Total/NA  | Air    | 8260B  |            |
| MB 885-35449/5  | Method Blank       | Total/NA  | Air    | 8260B  |            |
| LCS 885-35449/4 | Lab Control Sample | Total/NA  | Air    | 8260B  |            |

- 1
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Lab Chronicle

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-33619-1

**Client Sample ID: SVE**  
**Date Collected: 09/17/25 12:05**  
**Date Received: 09/18/25 07:15**

**Lab Sample ID: 885-33619-1**  
**Matrix: Air**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 35449        | JP      | EET ALB | 09/25/25 20:16       |

**Laboratory References:**  
= , 1120 South 27th Street, Billings, MT 59101, TEL (406)252-6325  
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

|    |
|----|
| 1  |
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## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-33619-1

## 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        | 02-27-26        |

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                     |
|-----------------|-------------|--------|-----------------------------|
| 8260B           |             | Air    | 1,1,1,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,1-Trichloroethane       |
| 8260B           |             | Air    | 1,1,2,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,2-Trichloroethane       |
| 8260B           |             | Air    | 1,1-Dichloroethane          |
| 8260B           |             | Air    | 1,1-Dichloroethene          |
| 8260B           |             | Air    | 1,1-Dichloropropene         |
| 8260B           |             | Air    | 1,2,3-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,3-Trichloropropane      |
| 8260B           |             | Air    | 1,2,4-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,4-Trimethylbenzene      |
| 8260B           |             | Air    | 1,2-Dibromo-3-Chloropropane |
| 8260B           |             | Air    | 1,2-Dibromoethane (EDB)     |
| 8260B           |             | Air    | 1,2-Dichlorobenzene         |
| 8260B           |             | Air    | 1,2-Dichloroethane (EDC)    |
| 8260B           |             | Air    | 1,2-Dichloropropane         |
| 8260B           |             | Air    | 1,3,5-Trimethylbenzene      |
| 8260B           |             | Air    | 1,3-Dichlorobenzene         |
| 8260B           |             | Air    | 1,3-Dichloropropane         |
| 8260B           |             | Air    | 1,4-Dichlorobenzene         |
| 8260B           |             | Air    | 1-Methylnaphthalene         |
| 8260B           |             | Air    | 2,2-Dichloropropane         |
| 8260B           |             | Air    | 2-Butanone                  |
| 8260B           |             | Air    | 2-Chlorotoluene             |
| 8260B           |             | Air    | 2-Hexanone                  |
| 8260B           |             | Air    | 2-Methylnaphthalene         |
| 8260B           |             | Air    | 4-Chlorotoluene             |
| 8260B           |             | Air    | 4-Isopropyltoluene          |
| 8260B           |             | Air    | 4-Methyl-2-pentanone        |
| 8260B           |             | Air    | Acetone                     |
| 8260B           |             | Air    | Benzene                     |
| 8260B           |             | Air    | Bromobenzene                |
| 8260B           |             | Air    | Bromodichloromethane        |
| 8260B           |             | Air    | Bromoform                   |
| 8260B           |             | Air    | Bromomethane                |
| 8260B           |             | Air    | Carbon disulfide            |
| 8260B           |             | Air    | Carbon tetrachloride        |
| 8260B           |             | Air    | Chlorobenzene               |
| 8260B           |             | Air    | Chloroethane                |
| 8260B           |             | Air    | Chloroform                  |
| 8260B           |             | Air    | Chloromethane               |
| 8260B           |             | Air    | cis-1,2-Dichloroethene      |
| 8260B           |             | Air    | cis-1,3-Dichloropropene     |
| 8260B           |             | Air    | Dibromochloromethane        |
| 8260B           |             | Air    | Dibromomethane              |

Eurofins Albuquerque

## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-33619-1

## Laboratory: Eurofins Albuquerque (Continued)

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

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------------------|
| 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                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dichlorodifluoromethane        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Ethylbenzene                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Hexachlorobutadiene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | Isopropylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methylene Chloride             |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methyl-tert-butyl Ether (MTBE) |
| 8260B                                                                                                                                                                                                 |             | Air                   | Naphthalene                    |
| 8260B                                                                                                                                                                                                 |             | Air                   | n-Butylbenzene                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | N-Propylbenzene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | sec-Butylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Styrene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | tert-Butylbenzene              |
| 8260B                                                                                                                                                                                                 |             | Air                   | Tetrachloroethene (PCE)        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Toluene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,2-Dichloroethene       |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,3-Dichloropropene      |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichloroethene (TCE)          |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichlorofluoromethane         |
| 8260B                                                                                                                                                                                                 |             | Air                   | Vinyl chloride                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | Xylenes, Total                 |
| Oregon                                                                                                                                                                                                | NELAP       | NM100001              | 02-26-26                       |

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                     |
| 8260B           |             | Air    | 1,1,1,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,1-Trichloroethane       |
| 8260B           |             | Air    | 1,1,2,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,2-Trichloroethane       |
| 8260B           |             | Air    | 1,1-Dichloroethane          |
| 8260B           |             | Air    | 1,1-Dichloroethene          |
| 8260B           |             | Air    | 1,1-Dichloropropene         |
| 8260B           |             | Air    | 1,2,3-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,3-Trichloropropane      |
| 8260B           |             | Air    | 1,2,4-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,4-Trimethylbenzene      |
| 8260B           |             | Air    | 1,2-Dibromo-3-Chloropropane |
| 8260B           |             | Air    | 1,2-Dibromoethane (EDB)     |
| 8260B           |             | Air    | 1,2-Dichlorobenzene         |
| 8260B           |             | Air    | 1,2-Dichloroethane (EDC)    |
| 8260B           |             | Air    | 1,2-Dichloropropane         |
| 8260B           |             | Air    | 1,3,5-Trimethylbenzene      |
| 8260B           |             | Air    | 1,3-Dichlorobenzene         |
| 8260B           |             | Air    | 1,3-Dichloropropane         |
| 8260B           |             | Air    | 1,4-Dichlorobenzene         |
| 8260B           |             | Air    | 1-Methylnaphthalene         |
| 8260B           |             | Air    | 2,2-Dichloropropane         |

Eurofins Albuquerque

## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-33619-1

## Laboratory: Eurofins Albuquerque (Continued)

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

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------------------|
| 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                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Butanone                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Chlorotoluene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Hexanone                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Methylnaphthalene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Chlorotoluene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Isopropyltoluene             |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Methyl-2-pentanone           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Acetone                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Benzene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromobenzene                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromodichloromethane           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromoform                      |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromomethane                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Carbon disulfide               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Carbon tetrachloride           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chlorobenzene                  |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloroethane                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloroform                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloromethane                  |
| 8260B                                                                                                                                                                                                 |             | Air                   | cis-1,2-Dichloroethene         |
| 8260B                                                                                                                                                                                                 |             | Air                   | cis-1,3-Dichloropropene        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dibromochloromethane           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dibromomethane                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dichlorodifluoromethane        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Ethylbenzene                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Hexachlorobutadiene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | Isopropylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methylene Chloride             |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methyl-tert-butyl Ether (MTBE) |
| 8260B                                                                                                                                                                                                 |             | Air                   | Naphthalene                    |
| 8260B                                                                                                                                                                                                 |             | Air                   | n-Butylbenzene                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | N-Propylbenzene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | sec-Butylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Styrene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | tert-Butylbenzene              |
| 8260B                                                                                                                                                                                                 |             | Air                   | Tetrachloroethene (PCE)        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Toluene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,2-Dichloroethene       |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,3-Dichloropropene      |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichloroethene (TCE)          |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichlorofluoromethane         |
| 8260B                                                                                                                                                                                                 |             | Air                   | Vinyl chloride                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | Xylenes, Total                 |

Eurofins Albuquerque



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## ANALYTICAL SUMMARY REPORT

September 25, 2025

Eurofins TestAmerica - Albuquerque

4901 Hawkins St NE Ste D

Albuquerque, NM 87109-4372

Work Order: B25092185 Quote ID: B15626

Project Name: Sandoval GCA #001A 88501577

Energy Laboratories Inc Billings MT received the following 1 sample for Eurofins TestAmerica - Albuquerque on 9/23/2025 for analysis.

| Lab ID        | Client Sample ID  | Collect Date   | Receive Date | Matrix | Test                                                                                                                                                                                |
|---------------|-------------------|----------------|--------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B25092185-001 | SVE (885-33619-1) | 09/17/25 12:05 | 09/23/25     | Air    | Air Correction Calculations<br>Appearance and Comments<br>Calculated Properties<br>GPM @ std cond./1000 cu. ft., moist.<br>Free<br>Natural Gas Analysis<br>Specific Gravity @ 60/60 |

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 So. 27th Street, Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

If you have any questions regarding these test results, please contact your Project Manager.



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## LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

**Client:** Eurofins TestAmerica - Albuquerque  
**Project:** Sandoval GCA #001A 88501577  
**Lab ID:** B25092185-001  
**Client Sample ID:** SVE (885-33619-1)

**Report Date:** 09/25/25  
**Collection Date:** 09/17/25 12:05  
**DateReceived:** 09/23/25  
**Matrix:** Air

| Analyses                                  | Result  | Units | Qualifiers | RL    | MCL/<br>QCL | Method      | Analysis Date / By   |
|-------------------------------------------|---------|-------|------------|-------|-------------|-------------|----------------------|
| <b>GAS CHROMATOGRAPHY ANALYSIS REPORT</b> |         |       |            |       |             |             |                      |
| Oxygen                                    | 21.54   | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Nitrogen                                  | 78.41   | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Carbon Dioxide                            | 0.04    | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Hydrogen Sulfide                          | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Methane                                   | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Ethane                                    | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Propane                                   | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Isobutane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| n-Butane                                  | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Isopentane                                | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| n-Pentane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Hexanes plus                              | 0.01    | Mol % |            | 0.01  |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Propane                                   | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Isobutane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| n-Butane                                  | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Isopentane                                | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| n-Pentane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Hexanes plus                              | 0.004   | gpm   |            | 0.001 |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| GPM Total                                 | 0.004   | gpm   |            | 0.001 |             | GPA 2261-13 | 09/24/25 11:44 / jrj |
| GPM Pentanes plus                         | 0.004   | gpm   |            | 0.001 |             | GPA 2261-13 | 09/24/25 11:44 / jrj |

### CALCULATED PROPERTIES

|                                       |       |  |       |  |             |                      |
|---------------------------------------|-------|--|-------|--|-------------|----------------------|
| Gross BTU per cu ft @ Std Cond. (HHV) | ND    |  | 1     |  | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Net BTU per cu ft @ std cond. (LHV)   | ND    |  | 1     |  | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Pseudo-critical Pressure, psia        | 544   |  | 1     |  | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Pseudo-critical Temperature, deg R    | 239   |  | 1     |  | GPA 2261-13 | 09/24/25 11:44 / jrj |
| Specific Gravity @ 60/60F             | 0.998 |  | 0.001 |  | D3588-17    | 09/24/25 11:44 / jrj |
| Air, %                                | 98.40 |  | 0.01  |  | GPA 2261-13 | 09/24/25 11:44 / jrj |

- The analysis was not corrected for air.

### COMMENTS

|                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |   |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|---|----------------------|
| -                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  | - | 09/24/25 11:44 / jrj |
| - BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.<br>- GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.<br>- To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.<br>- Standard conditions: 60 F & 14.73 psi on a dry basis. |  |  |  |  |   |                      |

**Report** RL - Analyte Reporting Limit  
**Definitions:** QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)



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## QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25092185

Report Date: 09/25/25

| Analyte                          | Count                        | Result | Units | RL   | %REC | Low Limit           | High Limit | RPD | RPDLimit       | Qual |
|----------------------------------|------------------------------|--------|-------|------|------|---------------------|------------|-----|----------------|------|
| <b>Method: GPA 2261-13</b>       |                              |        |       |      |      |                     |            |     | Batch: R450844 |      |
| <b>Lab ID: B25092187-001ADUP</b> | 12 Sample Duplicate          |        |       |      |      | Run: GC7890_250924A |            |     | 09/24/25 13:21 |      |
| Oxygen                           |                              | 21.1   | Mol % | 0.01 |      |                     |            | 2.2 | 20             |      |
| Nitrogen                         |                              | 78.8   | Mol % | 0.01 |      |                     |            | 0.6 | 20             |      |
| Carbon Dioxide                   |                              | 0.04   | Mol % | 0.01 |      |                     |            | 0.0 | 20             |      |
| Hydrogen Sulfide                 |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Methane                          |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Ethane                           |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Propane                          |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Isobutane                        |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| n-Butane                         |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Isopentane                       |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| n-Pentane                        |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Hexanes plus                     |                              | 0.01   | Mol % | 0.01 |      |                     |            | 0.0 | 20             |      |
| <b>Lab ID: LCS092425</b>         | 11 Laboratory Control Sample |        |       |      |      | Run: GC7890_250924A |            |     | 09/24/25 14:12 |      |
| Oxygen                           |                              | 0.63   | Mol % | 0.01 | 128  | 70                  | 130        |     |                |      |
| Nitrogen                         |                              | 5.84   | Mol % | 0.01 | 99   | 70                  | 130        |     |                |      |
| Carbon Dioxide                   |                              | 0.98   | Mol % | 0.01 | 98   | 70                  | 130        |     |                |      |
| Methane                          |                              | 76.7   | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| Ethane                           |                              | 6.02   | Mol % | 0.01 | 99   | 70                  | 130        |     |                |      |
| Propane                          |                              | 5.04   | Mol % | 0.01 | 101  | 70                  | 130        |     |                |      |
| Isobutane                        |                              | 1.58   | Mol % | 0.01 | 79   | 70                  | 130        |     |                |      |
| n-Butane                         |                              | 2.00   | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| Isopentane                       |                              | 0.49   | Mol % | 0.01 | 98   | 70                  | 130        |     |                |      |
| n-Pentane                        |                              | 0.50   | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| Hexanes plus                     |                              | 0.20   | Mol % | 0.01 | 97   | 70                  | 130        |     |                |      |

### Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



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## Work Order Receipt Checklist

Eurofins TestAmerica - Albuquerque

B25092185

Login completed by: Danielle N. Harris

Date Received: 9/23/2025

Reviewed by: gmccartney

Received by: DNH

Reviewed Date: 9/24/2025

Carrier name: FedEx NDA

|                                                                                                                                                             |                                         |                                        |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|------------------------------------------------------------|
| Shipping container/cooler in good condition?                                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all shipping container(s)/cooler(s)?                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all 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?<br>(Exclude analyses that are considered field parameters<br>such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Temp Blank received in all shipping container(s)/cooler(s)?                                                                                                 | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> | Not Applicable <input type="checkbox"/>                    |
| Container/Temp Blank temperature:                                                                                                                           | 17.6°C No Ice                           |                                        |                                                            |
| Containers requiring zero headspace have no headspace or<br>bubble that is <6mm (1/4").                                                                     | 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"/>            | Not Applicable <input checked="" type="checkbox"/>         |

### Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.

Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

### Contact and Corrective Action Comments:

None



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## Laboratory Certifications and Accreditations

Current certificates are available at [www.energylab.com](http://www.energylab.com) website:

|                                                                                                                                                                                                   | Agency                               | Number           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------|
| <b>Billings, MT</b><br><br><br> | Alaska                               | 17-023           |
|                                                                                                                                                                                                   | California                           | 3087             |
|                                                                                                                                                                                                   | Colorado                             | MT00005          |
|                                                                                                                                                                                                   | Department of Defense (DoD)/ISO17025 | ADE-2588         |
|                                                                                                                                                                                                   | Florida (Primary NELAP)              | E87668           |
|                                                                                                                                                                                                   | Idaho                                | MT00005          |
|                                                                                                                                                                                                   | Louisiana                            | 05079            |
|                                                                                                                                                                                                   | Montana                              | CERT0044         |
|                                                                                                                                                                                                   | Nebraska                             | NE-OS-13-04      |
|                                                                                                                                                                                                   | Nevada                               | NV-C24-00250     |
|                                                                                                                                                                                                   | North Dakota                         | R-007            |
|                                                                                                                                                                                                   | National Radon Proficiency           | 109383-RMP       |
|                                                                                                                                                                                                   | Oregon                               | 4184             |
|                                                                                                                                                                                                   | South Dakota                         | ARSD 74:04:07    |
|                                                                                                                                                                                                   | Texas                                | TX-C24-00302     |
|                                                                                                                                                                                                   | US EPA Region VIII                   | Reciprocal       |
|                                                                                                                                                                                                   | USDA Soil Permit                     | P330-20-00170    |
|                                                                                                                                                                                                   | Washington                           | C1039            |
| <b>Casper, WY</b><br><br>                                                                                      | Alaska                               | 20-006           |
|                                                                                                                                                                                                   | California                           | 3021             |
|                                                                                                                                                                                                   | Colorado                             | WY00002          |
|                                                                                                                                                                                                   | Florida (Primary NELAP)              | E87641           |
|                                                                                                                                                                                                   | Idaho                                | WY00002          |
|                                                                                                                                                                                                   | Louisiana                            | 05083            |
|                                                                                                                                                                                                   | Montana                              | CERT0002         |
|                                                                                                                                                                                                   | Nebraska                             | NE-OS-08-04      |
|                                                                                                                                                                                                   | Nevada                               | NV-C24-00245     |
|                                                                                                                                                                                                   | North Dakota                         | R-125            |
|                                                                                                                                                                                                   | Oregon                               | WY200001         |
|                                                                                                                                                                                                   | South Dakota                         | WY00002          |
|                                                                                                                                                                                                   | Texas                                | T104704181-23-21 |
|                                                                                                                                                                                                   | US EPA Region VIII                   | WY00002          |
|                                                                                                                                                                                                   | USNRC License                        | 49-26846-01      |
|                                                                                                                                                                                                   | Washington                           | C1012            |
| <b>Gillette, WY</b>                                                                                                                                                                               | US EPA Region VIII                   | WY00006          |
| <b>Helena, MT</b>                                                                                                                                                                                 | Colorado                             | MT00945          |
|                                                                                                                                                                                                   | Montana                              | CERT0079         |
|                                                                                                                                                                                                   | Nevada                               | NV-C24-00119     |
|                                                                                                                                                                                                   | US EPA Region VIII                   | Reciprocal       |
|                                                                                                                                                                                                   | USDA Soil Permit                     | P330-20-00090    |

## Eurofins Albuquerque

4901 Hawkins NE  
Albuquerque, NM 87109  
Phone: 505-345-3975 Fax: 505-345-4107

## Chain of Custody Record



## Environment Testing

[illegible]

Ver: 10/10/2024

ICOC No:  
885-6646

**Containers**

Count                      Container Type                      Preservative  
1                              Tedlar Bag 1L                      None

**Subcontract Method Instructions**

| Sample IDs | Method      | Method Description                       | Method Comments                     |
|------------|-------------|------------------------------------------|-------------------------------------|
| 1          | SUBCONTRACT | SUB - GPA-226195 - Natural Gases O2, CO2 | Fixed Gases - Natural Gases O2, CO2 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12



## Login Sample Receipt Checklist

Client: Cottonwood Consulting LLC

Job Number: 885-33619-1

Login Number: 33619

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.                                                    | False  | Thermal preservation not required. |
| 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   |                                    |



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Kyle Siesser  
Cottonwood Consulting LLC  
PO BOX 1653  
Durango, Colorado 81302  
Generated 12/19/2025 10:38:09 AM

## JOB DESCRIPTION

Sandoval GCA #001A

## JOB NUMBER

885-39497-1

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)338-8812

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12/19/2025 10:38:09 AM

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Laboratory Job ID: 885-39497-1

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## Definitions/Glossary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

## 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: Sandoval GCA #001A

Job ID: 885-39497-1

**Job ID: 885-39497-1**

**Eurofins Albuquerque**

### Job Narrative 885-39497-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The sample was received on 12/11/2025 5:47 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

### Subcontract Work

Method Natural Gases O2, CO2: This method was subcontracted to Energy Laboratories, Inc. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

### GC/MS VOA

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

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## Client Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

Client Sample ID: SVE

Lab Sample ID: 885-39497-1

Date Collected: 12/10/25 12:30

Matrix: Air

Date Received: 12/11/25 05:47

Sample Container: Tedlar Bag 1L

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte                     | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.20 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,1-Dichloropropene         | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,2,3-Trichlorobenzene      | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,2,3-Trichloropropane      | ND     |           | 0.20 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,2,4-Trichlorobenzene      | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,2,4-Trimethylbenzene      | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND     |           | 0.20 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,2-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,2-Dichloroethane (EDC)    | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,3,5-Trimethylbenzene      | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,3-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,3-Dichloropropane         | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1,4-Dichlorobenzene         | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 1-Methylnaphthalene         | ND     |           | 0.40 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 2,2-Dichloropropane         | ND     |           | 0.20 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 2-Butanone                  | ND     |           | 1.0  | ug/L |   |          | 12/17/25 14:54 | 1       |
| 2-Chlorotoluene             | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 2-Hexanone                  | ND     |           | 1.0  | ug/L |   |          | 12/17/25 14:54 | 1       |
| 2-Methylnaphthalene         | ND     |           | 0.40 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 4-Chlorotoluene             | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 4-Isopropyltoluene          | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| 4-Methyl-2-pentanone        | ND     |           | 1.0  | ug/L |   |          | 12/17/25 14:54 | 1       |
| Acetone                     | ND     |           | 1.0  | ug/L |   |          | 12/17/25 14:54 | 1       |
| Benzene                     | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Bromobenzene                | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Bromodichloromethane        | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Dibromochloromethane        | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Bromoform                   | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Bromomethane                | ND     |           | 0.30 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | ug/L |   |          | 12/17/25 14:54 | 1       |
| Carbon tetrachloride        | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Chlorobenzene               | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Chloroethane                | ND     |           | 0.20 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Chloroform                  | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Chloromethane               | ND     |           | 0.30 | ug/L |   |          | 12/17/25 14:54 | 1       |
| cis-1,2-Dichloroethene      | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Dibromomethane              | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Dichlorodifluoromethane     | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Ethylbenzene                | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Hexachlorobutadiene         | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |

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## Client Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

Client Sample ID: SVE

Lab Sample ID: 885-39497-1

Date Collected: 12/10/25 12:30

Matrix: Air

Date Received: 12/11/25 05:47

Sample Container: Tedlar Bag 1L

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte                        | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| Isopropylbenzene               | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Methyl-tert-butyl Ether (MTBE) | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Methylene Chloride             | ND     |           | 0.25 | ug/L |   |          | 12/17/25 14:54 | 1       |
| n-Butylbenzene                 | ND     |           | 0.30 | ug/L |   |          | 12/17/25 14:54 | 1       |
| N-Propylbenzene                | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Naphthalene                    | ND     |           | 0.20 | ug/L |   |          | 12/17/25 14:54 | 1       |
| sec-Butylbenzene               | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Styrene                        | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| tert-Butylbenzene              | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Tetrachloroethene (PCE)        | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Toluene                        | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| trans-1,2-Dichloroethene       | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| trans-1,3-Dichloropropene      | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Trichloroethene (TCE)          | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Trichlorofluoromethane         | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Vinyl chloride                 | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:54 | 1       |
| Xylenes, Total                 | ND     |           | 0.15 | ug/L |   |          | 12/17/25 14:54 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 70 - 130 |          | 12/17/25 14:54 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 70 - 130 |          | 12/17/25 14:54 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 70 - 130 |          | 12/17/25 14:54 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 70 - 130 |          | 12/17/25 14:54 | 1       |

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## QC Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

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

Lab Sample ID: MB 885-40098/7

Matrix: Air

Analysis Batch: 40098

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,1,1-Trichloroethane       | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND           |                 | 0.20 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,1,2-Trichloroethane       | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,1-Dichloroethane          | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,1-Dichloroethene          | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,1-Dichloropropene         | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,2,3-Trichlorobenzene      | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,2,3-Trichloropropane      | ND           |                 | 0.20 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,2,4-Trichlorobenzene      | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,2,4-Trimethylbenzene      | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND           |                 | 0.20 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,2-Dibromoethane (EDB)     | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,2-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,2-Dichloroethane (EDC)    | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,2-Dichloropropane         | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,3,5-Trimethylbenzene      | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,3-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,3-Dichloropropane         | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1,4-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 1-Methylnaphthalene         | ND           |                 | 0.40 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 2,2-Dichloropropane         | ND           |                 | 0.20 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 2-Butanone                  | ND           |                 | 1.0  | ug/L |   |          | 12/17/25 14:30 | 1       |
| 2-Chlorotoluene             | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 2-Hexanone                  | ND           |                 | 1.0  | ug/L |   |          | 12/17/25 14:30 | 1       |
| 2-Methylnaphthalene         | ND           |                 | 0.40 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 4-Chlorotoluene             | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 4-Isopropyltoluene          | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| 4-Methyl-2-pentanone        | ND           |                 | 1.0  | ug/L |   |          | 12/17/25 14:30 | 1       |
| Acetone                     | ND           |                 | 1.0  | ug/L |   |          | 12/17/25 14:30 | 1       |
| Benzene                     | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Bromobenzene                | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Bromodichloromethane        | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Dibromochloromethane        | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Bromoform                   | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Bromomethane                | ND           |                 | 0.30 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Carbon disulfide            | ND           |                 | 1.0  | ug/L |   |          | 12/17/25 14:30 | 1       |
| Carbon tetrachloride        | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Chlorobenzene               | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Chloroethane                | ND           |                 | 0.20 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Chloroform                  | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Chloromethane               | ND           |                 | 0.30 | ug/L |   |          | 12/17/25 14:30 | 1       |
| cis-1,2-Dichloroethene      | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| cis-1,3-Dichloropropene     | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Dibromomethane              | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Dichlorodifluoromethane     | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Ethylbenzene                | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Hexachlorobutadiene         | ND           |                 | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |

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## QC Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

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

Lab Sample ID: MB 885-40098/7

Matrix: Air

Analysis Batch: 40098

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                        | MB     | MB        | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
|                                | Result | Qualifier |      |      |   |          |                |         |
| Isopropylbenzene               | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Methyl-tert-butyl Ether (MTBE) | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Methylene Chloride             | ND     |           | 0.25 | ug/L |   |          | 12/17/25 14:30 | 1       |
| n-Butylbenzene                 | ND     |           | 0.30 | ug/L |   |          | 12/17/25 14:30 | 1       |
| N-Propylbenzene                | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Naphthalene                    | ND     |           | 0.20 | ug/L |   |          | 12/17/25 14:30 | 1       |
| sec-Butylbenzene               | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Styrene                        | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| tert-Butylbenzene              | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Tetrachloroethene (PCE)        | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Toluene                        | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| trans-1,2-Dichloroethene       | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| trans-1,3-Dichloropropene      | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Trichloroethene (TCE)          | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Trichlorofluoromethane         | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Vinyl chloride                 | ND     |           | 0.10 | ug/L |   |          | 12/17/25 14:30 | 1       |
| Xylenes, Total                 | ND     |           | 0.15 | ug/L |   |          | 12/17/25 14:30 | 1       |

| Surrogate                    | MB        | MB        | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
|                              | %Recovery | Qualifier |          |          |                |         |
| 1,2-Dichloroethane-d4 (Surr) | 106       |           | 70 - 130 |          | 12/17/25 14:30 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 70 - 130 |          | 12/17/25 14:30 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 70 - 130 |          | 12/17/25 14:30 | 1       |
| Dibromofluoromethane (Surr)  | 98        |           | 70 - 130 |          | 12/17/25 14:30 | 1       |

Lab Sample ID: LCS 885-40098/5

Matrix: Air

Analysis Batch: 40098

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------|-------------|------------|---------------|------|---|------|-------------|
|                       |             |            |               |      |   |      |             |
| 1,1-Dichloroethene    | 20.0        | 18.4       |               | ug/L |   | 92   | 70 - 130    |
| Benzene               | 20.0        | 20.1       |               | ug/L |   | 101  | 70 - 130    |
| Chlorobenzene         | 20.0        | 20.4       |               | ug/L |   | 102  | 70 - 130    |
| Toluene               | 20.0        | 20.7       |               | ug/L |   | 103  | 70 - 130    |
| Trichloroethene (TCE) | 20.0        | 18.7       |               | ug/L |   | 94   | 70 - 130    |

| Surrogate                    | LCS       | LCS       | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 1,2-Dichloroethane-d4 (Surr) | 104       |           | 70 - 130 |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 70 - 130 |
| Dibromofluoromethane (Surr)  | 99        |           | 70 - 130 |

Lab Sample ID: 885-39497-1 DU

Matrix: Air

Analysis Batch: 40098

Client Sample ID: SVE

Prep Type: Total/NA

| Analyte                   | Sample | Sample    | DU Result | DU Qualifier | Unit | D | RPD | Limit |
|---------------------------|--------|-----------|-----------|--------------|------|---|-----|-------|
|                           | Result | Qualifier |           |              |      |   |     |       |
| 1,1,1,2-Tetrachloroethane | ND     |           | ND        |              | ug/L |   | NC  | 20    |
| 1,1,1-Trichloroethane     | ND     |           | ND        |              | ug/L |   | NC  | 20    |

Eurofins Albuquerque

## QC Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

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

Lab Sample ID: 885-39497-1 DU

Matrix: Air

Analysis Batch: 40098

Client Sample ID: SVE

Prep Type: Total/NA

| Analyte                        | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | Limit |
|--------------------------------|---------------|------------------|-----------|--------------|------|---|-----|-------|
| 1,1,2,2-Tetrachloroethane      | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,1,2-Trichloroethane          | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,1-Dichloroethane             | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,1-Dichloroethene             | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,1-Dichloropropene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,2,3-Trichlorobenzene         | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,2,3-Trichloropropane         | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,2,4-Trichlorobenzene         | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,2,4-Trimethylbenzene         | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,2-Dibromo-3-Chloropropane    | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,2-Dibromoethane (EDB)        | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,2-Dichlorobenzene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,2-Dichloroethane (EDC)       | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,2-Dichloropropane            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,3,5-Trimethylbenzene         | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,3-Dichlorobenzene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,3-Dichloropropane            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,4-Dichlorobenzene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1-Methylnaphthalene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 2,2-Dichloropropane            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 2-Butanone                     | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 2-Chlorotoluene                | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 2-Hexanone                     | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 2-Methylnaphthalene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 4-Chlorotoluene                | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 4-Isopropyltoluene             | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 4-Methyl-2-pentanone           | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Acetone                        | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Benzene                        | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Bromobenzene                   | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Bromodichloromethane           | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Dibromochloromethane           | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Bromoform                      | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Bromomethane                   | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Carbon disulfide               | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Carbon tetrachloride           | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Chlorobenzene                  | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Chloroethane                   | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Chloroform                     | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Chloromethane                  | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| cis-1,2-Dichloroethene         | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| cis-1,3-Dichloropropene        | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Dibromomethane                 | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Dichlorodifluoromethane        | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Ethylbenzene                   | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Hexachlorobutadiene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Isopropylbenzene               | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Methyl-tert-butyl Ether (MTBE) | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Methylene Chloride             | ND            |                  | ND        |              | ug/L |   | NC  | 20    |

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## QC Sample Results

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

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

Lab Sample ID: 885-39497-1 DU

Matrix: Air

Analysis Batch: 40098

Client Sample ID: SVE

Prep Type: Total/NA

| Analyte                      | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | Limit |
|------------------------------|---------------|------------------|-----------|--------------|------|---|-----|-------|
| n-Butylbenzene               | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| N-Propylbenzene              | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Naphthalene                  | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| sec-Butylbenzene             | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Styrene                      | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| tert-Butylbenzene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Tetrachloroethene (PCE)      | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Toluene                      | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| trans-1,2-Dichloroethene     | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| trans-1,3-Dichloropropene    | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Trichloroethene (TCE)        | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Trichlorofluoromethane       | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Vinyl chloride               | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Xylenes, Total               | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
|                              |               |                  |           |              |      |   |     |       |
| Surrogate                    | %Recovery     | DU Qualifier     | DU        | Limits       |      |   |     |       |
| 1,2-Dichloroethane-d4 (Surr) | 96            |                  |           | 70 - 130     |      |   |     |       |
| Toluene-d8 (Surr)            | 101           |                  |           | 70 - 130     |      |   |     |       |
| 4-Bromofluorobenzene (Surr)  | 99            |                  |           | 70 - 130     |      |   |     |       |
| Dibromofluoromethane (Surr)  | 96            |                  |           | 70 - 130     |      |   |     |       |

QC Association Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

GC/MS VOA

Analysis Batch: 40098

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-39497-1     | SVE                | Total/NA  | Air    | 8260B  |            |
| MB 885-40098/7  | Method Blank       | Total/NA  | Air    | 8260B  |            |
| LCS 885-40098/5 | Lab Control Sample | Total/NA  | Air    | 8260B  |            |
| 885-39497-1 DU  | SVE                | Total/NA  | Air    | 8260B  |            |

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Lab Chronicle

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

**Client Sample ID: SVE**  
**Date Collected: 12/10/25 12:30**  
**Date Received: 12/11/25 05:47**

**Lab Sample ID: 885-39497-1**  
**Matrix: Air**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 40098        | CM      | EET ALB | 12/17/25 14:54       |

**Laboratory References:**  
= , 1120 South 27th Street, Billings, MT 59101, TEL (406)252-6325  
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

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## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

## 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                | 02-25-26        |

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                     |
|-----------------|-------------|--------|-----------------------------|
| 8260B           |             | Air    | 1,1,1,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,1-Trichloroethane       |
| 8260B           |             | Air    | 1,1,2,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,2-Trichloroethane       |
| 8260B           |             | Air    | 1,1-Dichloroethane          |
| 8260B           |             | Air    | 1,1-Dichloroethene          |
| 8260B           |             | Air    | 1,1-Dichloropropene         |
| 8260B           |             | Air    | 1,2,3-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,3-Trichloropropane      |
| 8260B           |             | Air    | 1,2,4-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,4-Trimethylbenzene      |
| 8260B           |             | Air    | 1,2-Dibromo-3-Chloropropane |
| 8260B           |             | Air    | 1,2-Dibromoethane (EDB)     |
| 8260B           |             | Air    | 1,2-Dichlorobenzene         |
| 8260B           |             | Air    | 1,2-Dichloroethane (EDC)    |
| 8260B           |             | Air    | 1,2-Dichloropropane         |
| 8260B           |             | Air    | 1,3,5-Trimethylbenzene      |
| 8260B           |             | Air    | 1,3-Dichlorobenzene         |
| 8260B           |             | Air    | 1,3-Dichloropropane         |
| 8260B           |             | Air    | 1,4-Dichlorobenzene         |
| 8260B           |             | Air    | 1-Methylnaphthalene         |
| 8260B           |             | Air    | 2,2-Dichloropropane         |
| 8260B           |             | Air    | 2-Butanone                  |
| 8260B           |             | Air    | 2-Chlorotoluene             |
| 8260B           |             | Air    | 2-Hexanone                  |
| 8260B           |             | Air    | 2-Methylnaphthalene         |
| 8260B           |             | Air    | 4-Chlorotoluene             |
| 8260B           |             | Air    | 4-Isopropyltoluene          |
| 8260B           |             | Air    | 4-Methyl-2-pentanone        |
| 8260B           |             | Air    | Acetone                     |
| 8260B           |             | Air    | Benzene                     |
| 8260B           |             | Air    | Bromobenzene                |
| 8260B           |             | Air    | Bromodichloromethane        |
| 8260B           |             | Air    | Bromoform                   |
| 8260B           |             | Air    | Bromomethane                |
| 8260B           |             | Air    | Carbon disulfide            |
| 8260B           |             | Air    | Carbon tetrachloride        |
| 8260B           |             | Air    | Chlorobenzene               |
| 8260B           |             | Air    | Chloroethane                |
| 8260B           |             | Air    | Chloroform                  |
| 8260B           |             | Air    | Chloromethane               |
| 8260B           |             | Air    | cis-1,2-Dichloroethene      |
| 8260B           |             | Air    | cis-1,3-Dichloropropene     |
| 8260B           |             | Air    | Dibromochloromethane        |
| 8260B           |             | Air    | Dibromomethane              |

Eurofins Albuquerque

## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

## Laboratory: Eurofins Albuquerque (Continued)

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

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------------------|
| 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                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dichlorodifluoromethane        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Ethylbenzene                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Hexachlorobutadiene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | Isopropylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methylene Chloride             |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methyl-tert-butyl Ether (MTBE) |
| 8260B                                                                                                                                                                                                 |             | Air                   | Naphthalene                    |
| 8260B                                                                                                                                                                                                 |             | Air                   | n-Butylbenzene                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | N-Propylbenzene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | sec-Butylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Styrene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | tert-Butylbenzene              |
| 8260B                                                                                                                                                                                                 |             | Air                   | Tetrachloroethene (PCE)        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Toluene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,2-Dichloroethene       |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,3-Dichloropropene      |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichloroethene (TCE)          |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichlorofluoromethane         |
| 8260B                                                                                                                                                                                                 |             | Air                   | Vinyl chloride                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | Xylenes, Total                 |
| Oregon                                                                                                                                                                                                | NELAP       | NM100001              | 02-25-26                       |

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                     |
| 8260B           |             | Air    | 1,1,1,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,1-Trichloroethane       |
| 8260B           |             | Air    | 1,1,2,2-Tetrachloroethane   |
| 8260B           |             | Air    | 1,1,2-Trichloroethane       |
| 8260B           |             | Air    | 1,1-Dichloroethane          |
| 8260B           |             | Air    | 1,1-Dichloroethene          |
| 8260B           |             | Air    | 1,1-Dichloropropene         |
| 8260B           |             | Air    | 1,2,3-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,3-Trichloropropane      |
| 8260B           |             | Air    | 1,2,4-Trichlorobenzene      |
| 8260B           |             | Air    | 1,2,4-Trimethylbenzene      |
| 8260B           |             | Air    | 1,2-Dibromo-3-Chloropropane |
| 8260B           |             | Air    | 1,2-Dibromoethane (EDB)     |
| 8260B           |             | Air    | 1,2-Dichlorobenzene         |
| 8260B           |             | Air    | 1,2-Dichloroethane (EDC)    |
| 8260B           |             | Air    | 1,2-Dichloropropane         |
| 8260B           |             | Air    | 1,3,5-Trimethylbenzene      |
| 8260B           |             | Air    | 1,3-Dichlorobenzene         |
| 8260B           |             | Air    | 1,3-Dichloropropane         |
| 8260B           |             | Air    | 1,4-Dichlorobenzene         |
| 8260B           |             | Air    | 1-Methylnaphthalene         |
| 8260B           |             | Air    | 2,2-Dichloropropane         |

Eurofins Albuquerque

## Accreditation/Certification Summary

Client: Cottonwood Consulting LLC  
Project/Site: Sandoval GCA #001A

Job ID: 885-39497-1

## Laboratory: Eurofins Albuquerque (Continued)

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

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------------------|
| 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                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Butanone                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Chlorotoluene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Hexanone                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | 2-Methylnaphthalene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Chlorotoluene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Isopropyltoluene             |
| 8260B                                                                                                                                                                                                 |             | Air                   | 4-Methyl-2-pentanone           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Acetone                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Benzene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromobenzene                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromodichloromethane           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromoform                      |
| 8260B                                                                                                                                                                                                 |             | Air                   | Bromomethane                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Carbon disulfide               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Carbon tetrachloride           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chlorobenzene                  |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloroethane                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloroform                     |
| 8260B                                                                                                                                                                                                 |             | Air                   | Chloromethane                  |
| 8260B                                                                                                                                                                                                 |             | Air                   | cis-1,2-Dichloroethene         |
| 8260B                                                                                                                                                                                                 |             | Air                   | cis-1,3-Dichloropropene        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dibromochloromethane           |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dibromomethane                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | Dichlorodifluoromethane        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Ethylbenzene                   |
| 8260B                                                                                                                                                                                                 |             | Air                   | Hexachlorobutadiene            |
| 8260B                                                                                                                                                                                                 |             | Air                   | Isopropylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methylene Chloride             |
| 8260B                                                                                                                                                                                                 |             | Air                   | Methyl-tert-butyl Ether (MTBE) |
| 8260B                                                                                                                                                                                                 |             | Air                   | Naphthalene                    |
| 8260B                                                                                                                                                                                                 |             | Air                   | n-Butylbenzene                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | N-Propylbenzene                |
| 8260B                                                                                                                                                                                                 |             | Air                   | sec-Butylbenzene               |
| 8260B                                                                                                                                                                                                 |             | Air                   | Styrene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | tert-Butylbenzene              |
| 8260B                                                                                                                                                                                                 |             | Air                   | Tetrachloroethene (PCE)        |
| 8260B                                                                                                                                                                                                 |             | Air                   | Toluene                        |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,2-Dichloroethene       |
| 8260B                                                                                                                                                                                                 |             | Air                   | trans-1,3-Dichloropropene      |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichloroethene (TCE)          |
| 8260B                                                                                                                                                                                                 |             | Air                   | Trichlorofluoromethane         |
| 8260B                                                                                                                                                                                                 |             | Air                   | Vinyl chloride                 |
| 8260B                                                                                                                                                                                                 |             | Air                   | Xylenes, Total                 |

Eurofins Albuquerque



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## ANALYTICAL SUMMARY REPORT

December 17, 2025

Eurofins TestAmerica - Albuquerque

4901 Hawkins St NE Ste D

Albuquerque, NM 87109-4372

Work Order: B25121231 Quote ID: B15626

Project Name: 88501577, Sandoval GCA #001A

Energy Laboratories Inc Billings MT received the following 1 sample for Eurofins TestAmerica - Albuquerque on 12/15/2025 for analysis.

| Lab ID        | Client Sample ID  | Collect Date   | Receive Date | Matrix | Test                                                                                                                                                                                |
|---------------|-------------------|----------------|--------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B25121231-001 | SVE (885-39497-1) | 12/10/25 12:30 | 12/15/25     | Air    | Air Correction Calculations<br>Appearance and Comments<br>Calculated Properties<br>GPM @ std cond./1000 cu. ft., moist.<br>Free<br>Natural Gas Analysis<br>Specific Gravity @ 60/60 |

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 So. 27th Street, Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

If you have any questions regarding these test results, please contact your Project Manager.



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## LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

**Client:** Eurofins TestAmerica - Albuquerque  
**Project:** 88501577, Sandoval GCA #001A  
**Lab ID:** B25121231-001  
**Client Sample ID:** SVE (885-39497-1)

**Report Date:** 12/17/25  
**Collection Date:** 12/10/25 12:30  
**DateReceived:** 12/15/25  
**Matrix:** Air

| Analyses                                  | Result  | Units | Qualifiers | RL    | MCL/<br>QCL | Method      | Analysis Date / By   |
|-------------------------------------------|---------|-------|------------|-------|-------------|-------------|----------------------|
| <b>GAS CHROMATOGRAPHY ANALYSIS REPORT</b> |         |       |            |       |             |             |                      |
| Oxygen                                    | 22.40   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Nitrogen                                  | 77.56   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Carbon Dioxide                            | 0.04    | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Hydrogen Sulfide                          | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Methane                                   | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Ethane                                    | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Propane                                   | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Isobutane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| n-Butane                                  | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Isopentane                                | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| n-Pentane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Hexanes plus                              | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Propane                                   | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Isobutane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| n-Butane                                  | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Isopentane                                | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| n-Pentane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Hexanes plus                              | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| GPM Total                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/16/25 09:58 / jrj |
| GPM Pentanes plus                         | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/16/25 09:58 / jrj |

### CALCULATED PROPERTIES

|                                       |        |  |       |  |             |                      |
|---------------------------------------|--------|--|-------|--|-------------|----------------------|
| Gross BTU per cu ft @ Std Cond. (HHV) | ND     |  | 1     |  | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Net BTU per cu ft @ std cond. (LHV)   | ND     |  | 1     |  | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Pseudo-critical Pressure, psia        | 546    |  | 1     |  | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Pseudo-critical Temperature, deg R    | 239    |  | 1     |  | GPA 2261-13 | 12/16/25 09:58 / jrj |
| Specific Gravity @ 60/60F             | 0.999  |  | 0.001 |  | D3588-17    | 12/16/25 09:58 / jrj |
| Air, %                                | 102.36 |  | 0.01  |  | GPA 2261-13 | 12/16/25 09:58 / jrj |

- The analysis was not corrected for air.

### COMMENTS

|                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |   |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|---|----------------------|
| -                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  | - | 12/16/25 09:58 / jrj |
| - BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.<br>- GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.<br>- To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.<br>- Standard conditions: 60 F & 14.73 psi on a dry basis. |  |  |  |  |   |                      |

**Report** RL - Analyte Reporting Limit  
**Definitions:** QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)



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## QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25121231

Report Date: 12/17/25

| Analyte                          | Count                        | Result | Units | RL   | %REC | Low Limit           | High Limit | RPD | RPDLimit       | Qual |
|----------------------------------|------------------------------|--------|-------|------|------|---------------------|------------|-----|----------------|------|
| <b>Method: GPA 2261-13</b>       |                              |        |       |      |      |                     |            |     | Batch: R455356 |      |
| <b>Lab ID: B25121233-001ADUP</b> | 12 Sample Duplicate          |        |       |      |      | Run: GC7890_251216A |            |     | 12/16/25 11:36 |      |
| Oxygen                           |                              | 22.4   | Mol % | 0.01 |      |                     |            | 0.9 | 20             |      |
| Nitrogen                         |                              | 77.6   | Mol % | 0.01 |      |                     |            | 0.3 | 20             |      |
| Carbon Dioxide                   |                              | 0.04   | Mol % | 0.01 |      |                     |            | 12  | 20             |      |
| Hydrogen Sulfide                 |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Methane                          |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Ethane                           |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Propane                          |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Isobutane                        |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| n-Butane                         |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Isopentane                       |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| n-Pentane                        |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Hexanes plus                     |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| <b>Lab ID: LCS121625</b>         | 11 Laboratory Control Sample |        |       |      |      | Run: GC7890_251216A |            |     | 12/16/25 13:17 |      |
| Oxygen                           |                              | 0.63   | Mol % | 0.01 | 128  | 70                  | 130        |     |                |      |
| Nitrogen                         |                              | 5.69   | Mol % | 0.01 | 97   | 70                  | 130        |     |                |      |
| Carbon Dioxide                   |                              | 1.00   | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| Methane                          |                              | 76.7   | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| Ethane                           |                              | 6.03   | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| Propane                          |                              | 5.05   | Mol % | 0.01 | 101  | 70                  | 130        |     |                |      |
| Isobutane                        |                              | 1.68   | Mol % | 0.01 | 84   | 70                  | 130        |     |                |      |
| n-Butane                         |                              | 2.01   | Mol % | 0.01 | 101  | 70                  | 130        |     |                |      |
| Isopentane                       |                              | 0.50   | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| n-Pentane                        |                              | 0.50   | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| Hexanes plus                     |                              | 0.20   | Mol % | 0.01 | 97   | 70                  | 130        |     |                |      |

### Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



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## Work Order Receipt Checklist

Eurofins TestAmerica - Albuquerque

B25121231

Login completed by: Crystal M. Jones

Date Received: 12/15/2025

Reviewed by: dlindberg

Received by: CMJ

Reviewed Date: 12/16/2025

Carrier name: FedEx NDA

|                                                                                                                                                             |                                         |                                        |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|------------------------------------------------------------|
| Shipping container/cooler in good condition?                                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all shipping container(s)/cooler(s)?                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all 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?<br>(Exclude analyses that are considered field parameters<br>such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Temp Blank received in all shipping container(s)/cooler(s)?                                                                                                 | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> | Not Applicable <input type="checkbox"/>                    |
| Container/Temp Blank temperature:                                                                                                                           | 13.5°C No Ice                           |                                        |                                                            |
| Containers requiring zero headspace have no headspace or<br>bubble that is <6mm (1/4").                                                                     | 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"/>            | Not Applicable <input checked="" type="checkbox"/>         |

### Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.

Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

### Contact and Corrective Action Comments:

None



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## Laboratory Certifications and Accreditations

Current certificates are available at [www.energylab.com](http://www.energylab.com) website:

|                                                                                                                                                                                                   | Agency                               | Number           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------|
| <b>Billings, MT</b><br><br><br> | Alaska                               | 17-023           |
|                                                                                                                                                                                                   | California                           | 3087             |
|                                                                                                                                                                                                   | Colorado                             | MT00005          |
|                                                                                                                                                                                                   | Department of Defense (DoD)/ISO17025 | ADE-2588         |
|                                                                                                                                                                                                   | Florida (Primary NELAP)              | E87668           |
|                                                                                                                                                                                                   | Idaho                                | MT00005          |
|                                                                                                                                                                                                   | Louisiana                            | 05079            |
|                                                                                                                                                                                                   | Montana                              | CERT0044         |
|                                                                                                                                                                                                   | Nebraska                             | NE-OS-13-04      |
|                                                                                                                                                                                                   | Nevada                               | NV-C24-00250     |
|                                                                                                                                                                                                   | North Dakota                         | R-007            |
|                                                                                                                                                                                                   | National Radon Proficiency           | 109383-RMP       |
|                                                                                                                                                                                                   | Oregon                               | 4184             |
|                                                                                                                                                                                                   | South Dakota                         | ARSD 74:04:07    |
|                                                                                                                                                                                                   | Texas                                | TX-C24-00302     |
|                                                                                                                                                                                                   | US EPA Region VIII                   | Reciprocal       |
|                                                                                                                                                                                                   | USDA Soil Permit                     | P330-20-00170    |
|                                                                                                                                                                                                   | Washington                           | C1039            |
| <b>Casper, WY</b><br><br>                                                                                      | Alaska                               | 20-006           |
|                                                                                                                                                                                                   | California                           | 3021             |
|                                                                                                                                                                                                   | Colorado                             | WY00002          |
|                                                                                                                                                                                                   | Florida (Primary NELAP)              | E87641           |
|                                                                                                                                                                                                   | Idaho                                | WY00002          |
|                                                                                                                                                                                                   | Louisiana                            | 05083            |
|                                                                                                                                                                                                   | Montana                              | CERT0002         |
|                                                                                                                                                                                                   | Nebraska                             | NE-OS-08-04      |
|                                                                                                                                                                                                   | Nevada                               | NV-C24-00245     |
|                                                                                                                                                                                                   | North Dakota                         | R-125            |
|                                                                                                                                                                                                   | Oregon                               | WY200001         |
|                                                                                                                                                                                                   | South Dakota                         | WY00002          |
|                                                                                                                                                                                                   | Texas                                | T104704181-23-21 |
|                                                                                                                                                                                                   | US EPA Region VIII                   | WY00002          |
|                                                                                                                                                                                                   | USNRC License                        | 49-26846-01      |
|                                                                                                                                                                                                   | Washington                           | C1012            |
| <b>Gillette, WY</b>                                                                                                                                                                               | US EPA Region VIII                   | WY00006          |
| <b>Helena, MT</b>                                                                                                                                                                                 | Colorado                             | MT00945          |
|                                                                                                                                                                                                   | Montana                              | CERT0079         |
|                                                                                                                                                                                                   | Nevada                               | NV-C24-00119     |
|                                                                                                                                                                                                   | US EPA Region VIII                   | Reciprocal       |
|                                                                                                                                                                                                   | USDA Soil Permit                     | P330-20-00090    |

Phone: 505-345-3975 Fax: 505-345-4107

## Chain of Custody Record



## Environment Testing

[illegible]

Ver: 10/10/2024

ICOC No:  
885-7750

**Containers**

|              |                       |                     |
|--------------|-----------------------|---------------------|
| <u>Count</u> | <u>Container Type</u> | <u>Preservative</u> |
| 1            | Tedlar Bag 1L         | None                |

**Subcontract Method Instructions**

| Sample IDs | Method      | Method Description                       | Method Comments                     |
|------------|-------------|------------------------------------------|-------------------------------------|
| 1          | SUBCONTRACT | SUB - GPA-226195 - Natural Gases O2, CO2 | Fixed Gases - Natural Gases O2, CO2 |





## Login Sample Receipt Checklist

Client: Cottonwood Consulting LLC

Job Number: 885-39497-1

Login Number: 39497

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.                                                    | False  | Thermal preservation not required. |
| 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   |                                    |

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 550394

CONDITIONS

|                                                                           |                                                                          |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>SIMCOE LLC<br>1199 Main Ave., Suite 101<br>Durango, CO 81301 | OGRID:<br>329736                                                         |
|                                                                           | Action Number:<br>550394                                                 |
|                                                                           | Action Type:<br>[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT) |

CONDITIONS

|            |                             |                |
|------------|-----------------------------|----------------|
| Created By | Condition                   | Condition Date |
| amaxwell   | Report accepted for record. | 6/17/2026      |