

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 12, 2024

Tanna Lyon

Ensolum, LLC

11049 W. 44th Ave, Ste 100

Wheat Ridge, CO 80033

RE: Civitas - Blue 3-65 33-32-31

Work Order #2410572

Enclosed are the results of analyses for samples received by Summit Scientific on 10/30/24 14:13. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Natalie Tessier". The signature is fluid and cursive, with the first name being more prominent.

Natalie Tessier For Paul Shrewsbury
President



Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| E01@0.5' | 2410572-01 | Soil | 10/30/24 08:05 | 10/30/24 14:13 |
| E02@0.5' | 2410572-02 | Soil | 10/30/24 08:07 | 10/30/24 14:13 |
| E03@0.5' | 2410572-03 | Soil | 10/30/24 08:10 | 10/30/24 14:13 |
| W01@0.5' | 2410572-04 | Soil | 10/30/24 08:15 | 10/30/24 14:13 |
| W02@0.5' | 2410572-05 | Soil | 10/30/24 08:20 | 10/30/24 14:13 |
| W03@0.5' | 2410572-06 | Soil | 10/30/24 08:25 | 10/30/24 14:13 |
| B01@1' | 2410572-07 | Soil | 10/30/24 08:35 | 10/30/24 14:13 |
| B02@1' | 2410572-08 | Soil | 10/30/24 08:37 | 10/30/24 14:13 |
| B03@1' | 2410572-09 | Soil | 10/30/24 08:40 | 10/30/24 14:13 |
| N01@0.5' | 2410572-10 | Soil | 10/30/24 08:29 | 10/30/24 14:13 |
| S01@0.5' | 2410572-11 | Soil | 10/30/24 08:41 | 10/30/24 14:13 |
| SS19@1' | 2410572-12 | Soil | 10/30/24 08:55 | 10/30/24 14:13 |

Summit Scientific

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4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

| | |
|---------|-------------|
| Lab ID | Page 1 of 1 |
| 2410572 | |

| | | | | | |
|---|--|---|--|--|--|
| Client: <u>Ensolum</u> | | Send Data To: Project Manager: <u>Tanna Lyon</u> | | Send Invoice To: Company: <u>Civitas</u> | |
| Address: <u>11044 W 44th Ave Ste 100</u> | | E-Mail: <u>tllyon@ensolum.com / bsulzberger@ensolum.com / cmqueen@civiresources.com</u> | | Project Name/Location: <u>Blue 3-6S 33-32-31</u> | |
| City/State/Zip: <u>Wheat Ridge CO 80033</u> | | Project Name: <u>Blue 3-6S 33-32-31</u> | | AFE#: <u>P1671 PD</u> | |
| Phone: <u>720 363 6416</u> | | Project Number: <u>09C2407007</u> | | PO/Billing Codes: <u>M/M: 8520.162</u> | |
| Sampler Name: <u>Max Buffy</u> | | | | Contact: <u>Coslin McQueen</u> | |

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | | Analysis Requested | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|-------|--------------------|----------|-----|--|----------------------|
| | | | | | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | TpH's | DRG, DRG | SAR | | |
| 1 | E01 @ 0.5' | 10/30/24 | 805 | 2 | | | X | | | X | | | X | X | | | |
| 2 | E02 @ 0.5' | | 807 | | | | | | | | | | | | | | |
| 3 | E03 @ 0.5' | | 810 | | | | | | | | | | | | | | |
| 4 | W01 @ 0.5' | | 815 | | | | | | | | | | | | | | |
| 5 | W02 @ 0.5' | | 820 | | | | | | | | | | | | | | |
| 6 | W03 @ 0.5' | | 825 | | | | | | | | | | | | | | |
| 7 | B01 @ 1' | | 835 | | | | | | | | | | | | | | |
| 8 | B02 @ 1' | | 837 | | | | | | | | | | | | | | |
| 9 | B03 @ 1' | | 840 | | | | | | | | | | | | | | |
| 10 | N01 @ 0.5' | | 829 | | | | | | | | | | | | | | |
| 11 | S01 @ 0.5' | | 841 | | | | | | | | | | | | | | |
| 12 | SS19 @ 1' | ↓ | 855 | ↓ | | | ↓ | | | ↓ | | | ↓ | ↓ | | | |
| 13 | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | |

| | | | | | | |
|--------------------------------------|----------------------------------|-----------------------------|----------------------------------|-------------------|---------------|--------|
| Relinquished by: <u>M. Buffy</u> | Date/Time: <u>10/30/24 14:13</u> | Received by: <u>On Lisa</u> | Date/Time: <u>10/30/24 14:13</u> | TAT Business Days | Field DO | Notes: |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Same Day | Field EC | |
| | | | | 1 Day | Field ORP | |
| | | | | 2 Days | Field pH | |
| | | | | 3 Days | Field Temp. | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Standard | X Field Turb. | |
| Temperature Upon Receipt: <u>0.4</u> | Corrected Temperature | IR gun #: <u>2</u> | HNO3 lot #: | | | |

S₂

Sample Receipt Checklist

S2 Work Order# 2410572Client: ENSOLUMClient Project ID: Blue 3-b5 33-32-31Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other

Airbill #: _____

| | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|

Matrix (Check all that apply)

Air

☐

Soil/Solid

☒

Water

☐

Other

☐

Temp (°C)

0.4

Thermometer #

2

| | Yes | No | N/A | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | on ice |
| If custody seals are present, are they intact? ⁽¹⁾ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples due within 48 hours present? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC? ⁽¹⁾ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | no sample fines |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples preserved that require preservation (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If dissolved metals are requested, were samples field filtered? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Additional Comments (if any): | | | | |
| | | | | |
| ⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative. | | | | |

Control Form #: SRC-001


 Custodian Printed Name

10/30/24
 Date/Time



Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

E01@0.5'
2410572-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/04/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0425 | 106 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0401 | 100 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0397 | 99.3 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | 97 | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/05/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 9.10 | 72.8 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 32.7 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 1.65 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 44.9 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Summit Scientific

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.



Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

E01@0.5'
2410572-01 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 2.08 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 91.0 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

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Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

E02@0.5'
2410572-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:07**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/04/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:07**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0418 | 105 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0395 | 98.7 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0392 | 98.0 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:07**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/05/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:07**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 6.67 | 53.4 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:07**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 58.6 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 18.4 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 58.3 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

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Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

E02@0.5'
2410572-02 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:07**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 1.70 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:07**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 91.4 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

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11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

E03@0.5'
2410572-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/04/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0421 | 105 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0403 | 101 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0404 | 101 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/05/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 5.81 | 46.5 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 50.3 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 18.3 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 86.1 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

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Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

E03@0.5'
2410572-03 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 2.64 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 88.5 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

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11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

W01@0.5'
2410572-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/04/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0414 | 104 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0396 | 98.9 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0388 | 96.9 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/05/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 7.80 | 62.4 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 37.5 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 11.6 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 92.2 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

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11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

W01@0.5'
2410572-04 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 3.37 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 82.9 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

W02@0.5'
2410572-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/04/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0425 | 106 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0390 | 97.5 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0397 | 99.2 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | 480 | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/05/24 | EPA 8015M | |
| C28-C36 (ORO) | 320 | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 7.24 | 57.9 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 57.2 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 13.7 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 80.6 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

W02@0.5'
2410572-05 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 2.48 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 90.8 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

W03@0.5'
2410572-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:25**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/04/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:25**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0447 | 112 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0398 | 99.6 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0390 | 97.5 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:25**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | 200 | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/05/24 | EPA 8015M | |
| C28-C36 (ORO) | 89 | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:25**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 14.5 | 116 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:25**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 115 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 2.41 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 141 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

W03@0.5'
2410572-06 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:25**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 3.56 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:25**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 93.6 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

B01@1'
2410572-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/04/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0443 | 111 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0404 | 101 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0392 | 97.9 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/05/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 5.86 | 46.8 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 81.8 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 10.2 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 107 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

B01@1'
2410572-07 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 2.97 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 89.0 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

B02@1'
2410572-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:37**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/05/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:37**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0429 | 107 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0405 | 101 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0392 | 98.0 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:37**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/05/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:37**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 5.44 | 43.6 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:37**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 63.9 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 22.6 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 51.8 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

B02@1'
2410572-08 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:37**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 1.42 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:37**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 89.8 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

B03@1'
2410572-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/05/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0426 | 106 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0410 | 102 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0397 | 99.3 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/05/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 6.66 | 53.3 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 30.0 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 11.2 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 46.1 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

B03@1'
2410572-09 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 1.82 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 86.8 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

N01@0.5'
2410572-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:29**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/05/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:29**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0418 | 104 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0401 | 100 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0391 | 97.8 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:29**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/07/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:29**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 12.2 | 97.7 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:29**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 32.6 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 10.9 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 53.0 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

N01@0.5'
2410572-10 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:29**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 2.05 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:29**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 92.3 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

S01@0.5'
2410572-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:41**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/05/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:41**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0424 | 106 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0407 | 102 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0385 | 96.3 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:41**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/07/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:41**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 16.6 | 133 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:41**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 73.2 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 0.505 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 158 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

S01@0.5'
2410572-11 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:41**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 5.06 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:41**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 85.3 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

Summit Scientific

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Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

SS19@1'
2410572-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/30/24 08:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | 1 | BHK0144 | 11/04/24 | 11/05/24 | EPA 8260B | |

Date Sampled: **10/30/24 08:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0416 | 104 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0399 | 99.7 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0381 | 95.2 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/30/24 08:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHK0145 | 11/04/24 | 11/07/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/30/24 08:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 14.9 | 119 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/30/24 08:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 85.4 | 0.0500 | mg/L dry | 1 | BHK0390 | 11/07/24 | 11/11/24 | EPA 6020B | |
| Magnesium | 16.5 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 167 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Summit Scientific

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Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

SS19@1'
2410572-12 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/30/24 08:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 4.33 | 0.00100 | units | 1 | BHK0562 | 11/12/24 | 11/12/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/30/24 08:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 89.4 | | % | 1 | BHK0205 | 11/05/24 | 11/06/24 | Calculation | |

Summit Scientific

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Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BHK0144 - EPA 5030 Soil MS

Blank (BHK0144-BLK1)

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|----------------------------------|--------|------|-------|--------|------|--------|--|--|--|--|
| Gasoline Range Hydrocarbons | ND | 0.50 | mg/kg | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0405 | | " | 0.0400 | 101 | 23-173 | | | | |
| Surrogate: Toluene-d8 | 0.0398 | | " | 0.0400 | 99.6 | 20-170 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0394 | | " | 0.0400 | 98.5 | 21-167 | | | | |

LCS (BHK0144-BS1)

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|----------------------------------|--------|--|-------|--------|------|--------|--|--|--|--|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0438 | | mg/kg | 0.0400 | 110 | 23-173 | | | | |
| Surrogate: Toluene-d8 | 0.0413 | | " | 0.0400 | 103 | 20-170 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0390 | | " | 0.0400 | 97.6 | 21-167 | | | | |

Matrix Spike (BHK0144-MS1)

Source: 2410572-01

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|----------------------------------|--------|--|-------|--------|------|--------|--|--|--|--|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0429 | | mg/kg | 0.0400 | 107 | 23-173 | | | | |
| Surrogate: Toluene-d8 | 0.0405 | | " | 0.0400 | 101 | 20-170 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0392 | | " | 0.0400 | 98.0 | 21-167 | | | | |

Matrix Spike Dup (BHK0144-MSD1)

Source: 2410572-01

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|----------------------------------|--------|--|-------|--------|------|--------|--|--|--|--|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0442 | | mg/kg | 0.0400 | 110 | 23-173 | | | | |
| Surrogate: Toluene-d8 | 0.0406 | | " | 0.0400 | 102 | 20-170 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0398 | | " | 0.0400 | 99.5 | 21-167 | | | | |

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11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BHK0145 - EPA 3550A

Blank (BHK0145-BLK1)

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO) | ND | 50 | mg/kg | | | | | | | |
| C28-C36 (ORO) | ND | 50 | " | | | | | | | |
| Surrogate: o-Terphenyl | 9.86 | | " | 12.5 | | 78.9 | 30-150 | | | |

LCS (BHK0145-BS1)

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO) | 402 | 50 | mg/kg | 500 | | 80.4 | 70-130 | | | |
| Surrogate: o-Terphenyl | 9.65 | | " | 12.5 | | 77.2 | 30-150 | | | |

Matrix Spike (BHK0145-MS1)

Source: 2410572-01

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|------------------------|------|----|-------|------|------|------|--------|--|--|--|
| C10-C28 (DRO) | 558 | 50 | mg/kg | 500 | 96.6 | 92.3 | 70-130 | | | |
| Surrogate: o-Terphenyl | 9.56 | | " | 12.5 | | 76.5 | 30-150 | | | |

Matrix Spike Dup (BHK0145-MSD1)

Source: 2410572-01

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|------------------------|------|----|-------|------|------|------|--------|------|----|-------|
| C10-C28 (DRO) | 452 | 50 | mg/kg | 500 | 96.6 | 71.1 | 70-130 | 21.0 | 20 | QR-02 |
| Surrogate: o-Terphenyl | 6.78 | | " | 12.5 | | 54.2 | 30-150 | | | |

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Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control
Summit Scientific

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

Batch BHK0390 - General Preparation

Blank (BHK0390-BLK1)

Prepared: 11/07/24 Analyzed: 11/11/24

| | | | |
|-----------|----|--------|----------|
| Calcium | ND | 0.0500 | mg/L wet |
| Magnesium | ND | 0.0500 | " |
| Sodium | ND | 0.0500 | " |

LCS (BHK0390-BS1)

Prepared: 11/07/24 Analyzed: 11/11/24

| | | | | | | |
|-----------|------|--------|----------|------|-----|--------|
| Calcium | 6.19 | 0.0500 | mg/L wet | 5.00 | 124 | 70-130 |
| Magnesium | 5.39 | 0.0500 | " | 5.00 | 108 | 70-130 |
| Sodium | 5.39 | 0.0500 | " | 5.00 | 108 | 70-130 |

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Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Summit Scientific

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

Batch BHK0205 - General Preparation

| Duplicate (BHK0205-DUP1) | | Source: 2410572-01 | | Prepared: 11/05/24 Analyzed: 11/06/24 | |
|--------------------------|------|--------------------|---|---------------------------------------|----------|
| % Solids | 91.1 | | % | 91.0 | 0.141 20 |

Summit Scientific

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11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
11/12/24 08:33

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. |
| 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 |
| RPD | Relative Percent Difference |