

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 17, 2024

Brian Humphrey
Phillips 66
6900 E Layton Ave/ Suite 900
Denver, CO 80237

RE: Four Parmlee (H-6-9) 3/2024

Work Order #2410080

Enclosed are the results of analyses for samples received by Summit Scientific on 10/03/24 17:57. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Jacob Wood". The signature is written in a cursive style with a large initial "J" and a distinct "W".

Jacob Wood For Paul Shrewsbury
President



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW04@6' | 2410080-01 | Soil | 10/02/24 14:47 | 10/03/24 17:57 |
| MW04@55' | 2410080-02 | Soil | 10/03/24 10:01 | 10/03/24 17:57 |
| MW07@28' | 2410080-03 | Soil | 10/03/24 12:35 | 10/03/24 17:57 |
| MW07@59' | 2410080-04 | Soil | 10/03/24 14:42 | 10/03/24 17:57 |

Case Narrative

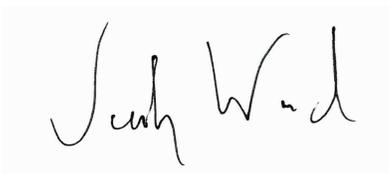
Rerun analyses were performed by Summit Scientific to verify original Arsenic result for MW07@28' on 10/10/2024.

Both the original and rerun results have been included in this report.

The rerun results are denoted with "RE#."

This is a revision of the report originally sent on 10/10/2024 at 08:14 MT.

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.



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

| | |
|---------|-------------|
| Lab ID | Page 1 of 1 |
| 2410080 | |

| | | | | | |
|---|--|--|--|--|--|
| Client: Tasman <i>DCP/P66</i> | | Send Data To: | | Send Invoice To: | |
| Address: 6855 W 119th Ave | | Project Manager: <i>Stephen Weathers, Brian Humphrey</i> | | Company: <i>Tasman</i> | |
| City/State/Zip: Broomfield / CO / 80220 | | E-Mail: <i>stephen.weathers@p66.com</i> | | Project Name/Location: <i>Four Farms (H-6-9) 03/24</i> | |
| Phone: 303-487-1228 | | <i>bhumphrey@tasman-geo.com</i> | | AFE#: | |
| Sampler Name: <i>B. Ulrich</i> | | Project Name: <i>Four Farms (H-6-9) 03/24</i> | | PO/Billing Codes: | |
| | | Project Number: | | Contact: <i>Brian Humphrey</i> | |

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | | Analysis Requested | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|-------|--------------------|----------------------|
| | | | | | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | | |
| 1 | MW04e6' | 10-2-24 | 1447 | 2 | | | X | | | | X | | | |
| 2 | MW04e55' | 10-3-24 | 1001 | 1 | | | | | | | | | | |
| 3 | MW07e28' | ↓ | 1235 | ↓ | | | | | | | | | | |
| 4 | MW07e59' | ↓ | 1442 | ↓ | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |

| | | | | | | |
|--|--------------------------|------------------------------------|-------------------------|-------------------|-------------|--------|
| Relinquished by: <i>[Signature]</i> | Date/Time: 10-3-24 1720 | Received by: <i>Tasman Lockbox</i> | Date/Time: 10-3-24 1730 | TAT Business Days | Field DO | Notes: |
| | | | | Same Day | Field EC | |
| Relinquished by: <i>Tasman Lockbox</i> | Date/Time: 10324 1757 | Received by: <i>[Signature]</i> | Date/Time: 10324 1757 | 1 Day | Field ORP | |
| | | | | 2 Days | Field pH | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 3 Days | Field Temp. | |
| | | | | Standard | Field Turb. | |
| Temperature Upon Receipt: 7.9 | Corrected Temperature: 6 | IR gun #: 1 | HNO3 lot #: | | | |

S₂

Sample Receipt Checklist

S2 Work Order# 2410080

Client: DUP/PLCE

Client Project ID: Four Parmlee (H69) 03/24

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other

Airbill #: _____

Matrix (Check all that apply)

Air

Soil/Solid

Water

Other

Temp (°C)

Thermometer #

| | 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"/> | <u>none</u> |
| If custody seals are present, are they intact? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 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.

AS

Custodian Printed Name

10/3/24

Date/Time



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW04@6'
2410080-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 0.0020 | mg/kg | 1 | BHJ0226 | 10/04/24 | 10/05/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0403 | 101 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0403 | 101 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0402 | 100 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHJ0228 | 10/04/24 | 10/09/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: o-Terphenyl | 9.21 | 73.7 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW04@6'
2410080-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BHJ0190 | 10/04/24 | 10/08/24 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0208 | 62.5 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0229 | 68.7 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | ND | 2.00 | mg/L | 1 | BHJ0213 | 10/04/24 | 10/07/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW04@6'
2410080-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|----------|--------|--------|-----------|----------|---------|----------|----------|-----------|
| Arsenic | 1.14 | 0.200 | mg/kg dry | 1 | BHJ0233 | 10/04/24 | 10/09/24 | EPA 6020B |
| Barium | 28.9 | 0.400 | " | " | " | " | " | " |
| Cadmium | ND | 0.200 | " | " | " | " | " | " |
| Copper | 1.62 | 0.400 | " | " | " | " | " | " |
| Lead | 2.52 | 0.200 | " | " | " | " | " | " |
| Nickel | 1.89 | 0.400 | " | " | " | " | " | " |
| Silver | ND | 0.0200 | " | " | " | " | " | " |
| Zinc | 7.71 | 0.400 | " | " | " | " | " | " |
| Selenium | ND | 0.260 | " | " | " | " | " | " |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BHJ0205 | 10/04/24 | 10/04/24 | EPA 7196A | |

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

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 16.1 | 0.0500 | mg/L dry | 1 | BHJ0268 | 10/07/24 | 10/08/24 | EPA 6020B | |
| Magnesium | 21.5 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 16.0 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.614 | 0.00100 | units | 1 | BHJ0331 | 10/09/24 | 10/09/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW04@6'
2410080-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|--|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | | | | | | | | |
| % Solids | 92.5 | | | % | 1 | BHJ0219 | 10/04/24 | 10/04/24 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------|--|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Specific Conductance (EC) | 0.207 | 0.0100 | | mmhos/cm | 1 | BHJ0270 | 10/07/24 | 10/08/24 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/02/24 14:47**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|--|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| pH | 8.05 | | | pH Units | 1 | BHJ0269 | 10/07/24 | 10/08/24 | EPA 9045D | |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW04@55'
2410080-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Benzene | ND | 0.0020 | | mg/kg | 1 | BHJ0226 | 10/04/24 | 10/06/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | | " | " | " | " | " | " | |

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0410 | 102 % | | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0386 | 96.4 % | | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0404 | 101 % | | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| C10-C28 (DRO) | ND | 50 | | mg/kg | 1 | BHJ0228 | 10/04/24 | 10/09/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | | " | " | " | " | " | " | |

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: o-Terphenyl | 7.87 | 63.0 % | | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW04@55'
2410080-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BHJ0190 | 10/04/24 | 10/08/24 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0207 | 62.2 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0244 | 73.2 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | ND | 2.00 | mg/L | 1 | BHJ0213 | 10/04/24 | 10/07/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW04@55'
2410080-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 7.35 | 0.200 | mg/kg dry | 1 | BHJ0233 | 10/04/24 | 10/09/24 | EPA 6020B | |
| Barium | 39.0 | 0.400 | " | " | " | " | " | " | |
| Cadmium | 0.371 | 0.200 | " | " | " | " | " | " | |
| Copper | 7.98 | 0.400 | " | " | " | " | " | " | |
| Lead | 16.9 | 0.200 | " | " | " | " | " | " | |
| Nickel | 8.90 | 0.400 | " | " | " | " | " | " | |
| Silver | 0.143 | 0.0200 | " | " | " | " | " | " | |
| Zinc | 37.7 | 0.400 | " | " | " | " | " | " | |
| Selenium | 0.544 | 0.260 | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BHJ0205 | 10/04/24 | 10/04/24 | EPA 7196A | |

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

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 15.6 | 0.0500 | mg/L dry | 1 | BHJ0268 | 10/07/24 | 10/08/24 | EPA 6020B | |
| Magnesium | 8.21 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 9.23 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.471 | 0.00100 | units | 1 | BHJ0331 | 10/09/24 | 10/09/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW04@55'
2410080-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

| | | | | | | | |
|----------|------|---|---|---------|----------|----------|-------------|
| % Solids | 84.2 | % | 1 | BHJ0219 | 10/04/24 | 10/04/24 | Calculation |
|----------|------|---|---|---------|----------|----------|-------------|

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.180 | 0.0100 | mmhos/cm | 1 | BHJ0270 | 10/07/24 | 10/08/24 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/03/24 10:01**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.85 | | pH Units | 1 | BHJ0269 | 10/07/24 | 10/08/24 | EPA 9045D | |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW07@28'
2410080-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/03/24 12:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|---------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | 0.0058 | 0.0020 | mg/kg | 1 | BHJ0226 | 10/04/24 | 10/06/24 | EPA 8260B | |
| Toluene | 0.012 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 0.021 | 0.010 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: **10/03/24 12:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0419 | 105 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0398 | 99.4 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0415 | 104 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/03/24 12:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHJ0228 | 10/04/24 | 10/09/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/03/24 12:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 10.6 | 84.4 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW07@28'
2410080-03 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/03/24 12:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BHJ0190 | 10/04/24 | 10/08/24 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Date Sampled: **10/03/24 12:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0164 | 49.1 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0190 | 57.0 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/03/24 12:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | ND | 2.00 | mg/L | 1 | BHJ0213 | 10/04/24 | 10/07/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **10/03/24 12:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW07@28'
2410080-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 76.4 | 0.200 | mg/kg dry | 1 | BHJ0233 | 10/04/24 | 10/09/24 | EPA 6020B | |
| Barium | 166 | 0.400 | " | " | " | " | " | " | |
| Cadmium | 1.18 | 0.200 | " | " | " | " | " | " | |
| Copper | 4.49 | 0.400 | " | " | " | " | " | " | |
| Lead | 10.1 | 0.200 | " | " | " | " | " | " | |
| Nickel | 6.67 | 0.400 | " | " | " | " | " | " | |
| Silver | 0.166 | 0.0200 | " | " | " | " | " | " | |
| Zinc | 5.67 | 0.400 | " | " | " | " | " | " | |
| Selenium | 1.27 | 0.260 | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: 10/03/24 12:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BHJ0205 | 10/04/24 | 10/04/24 | EPA 7196A | |

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

Date Sampled: 10/03/24 12:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 8.49 | 0.0500 | mg/L dry | 1 | BHJ0268 | 10/07/24 | 10/08/24 | EPA 6020B | |
| Magnesium | 20.6 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 2.67 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: 10/03/24 12:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.113 | 0.00100 | units | 1 | BHJ0331 | 10/09/24 | 10/09/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: 10/03/24 12:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW07@28'
2410080-03 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

| | | | | | | | |
|----------|------|---|---|---------|----------|----------|-------------|
| % Solids | 81.2 | % | 1 | BHJ0219 | 10/04/24 | 10/04/24 | Calculation |
|----------|------|---|---|---------|----------|----------|-------------|

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/03/24 12:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.0742 | 0.0100 | mmhos/cm | 1 | BHJ0270 | 10/07/24 | 10/08/24 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/03/24 12:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 7.98 | | pH Units | 1 | BHJ0269 | 10/07/24 | 10/08/24 | EPA 9045D | |

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.



Phillips 66
 6900 E Layton Ave/ Suite 900
 Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
 Project Manager: Brian Humphrey

Reported:
 10/17/24 11:21

MW07@28'
2410080-03RE1 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **10/03/24 12:35**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 45.4 | 0.200 | mg/kg dry | 1 | BHJ0537 | 10/04/24 | 10/16/24 | EPA 6020B | |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW07@59'
2410080-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BHJ0226 | 10/04/24 | 10/06/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0411 | 103 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0393 | 98.3 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0400 | 100 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHJ0228 | 10/04/24 | 10/09/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 7.47 | 59.7 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW07@59'
2410080-04 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BHJ0190 | 10/04/24 | 10/08/24 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0179 | 53.7 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0213 | 63.9 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | ND | 2.00 | mg/L | 1 | BHJ0213 | 10/04/24 | 10/07/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW07@59'
2410080-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 4.29 | 0.200 | mg/kg dry | 1 | BHJ0233 | 10/04/24 | 10/09/24 | EPA 6020B | |
| Barium | 35.2 | 0.400 | " | " | " | " | " | " | |
| Cadmium | 0.320 | 0.200 | " | " | " | " | " | " | |
| Copper | 9.32 | 0.400 | " | " | " | " | " | " | |
| Lead | 18.6 | 0.200 | " | " | " | " | " | " | |
| Nickel | 7.55 | 0.400 | " | " | " | " | " | " | |
| Silver | 0.151 | 0.0200 | " | " | " | " | " | " | |
| Zinc | 34.9 | 0.400 | " | " | " | " | " | " | |
| Selenium | 0.452 | 0.260 | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BHJ0205 | 10/04/24 | 10/04/24 | EPA 7196A | |

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

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 21.4 | 0.0500 | mg/L dry | 1 | BHJ0268 | 10/07/24 | 10/08/24 | EPA 6020B | |
| Magnesium | 21.3 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 9.69 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.355 | 0.00100 | units | 1 | BHJ0331 | 10/09/24 | 10/09/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

MW07@59'
2410080-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

| | | | | | | | |
|----------|------|---|---|---------|----------|----------|-------------|
| % Solids | 81.7 | % | 1 | BHJ0219 | 10/04/24 | 10/04/24 | Calculation |
|----------|------|---|---|---------|----------|----------|-------------|

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.165 | 0.0100 | mmhos/cm | 1 | BHJ0270 | 10/07/24 | 10/08/24 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/03/24 14:42**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 9.26 | | pH Units | 1 | BHJ0269 | 10/07/24 | 10/08/24 | EPA 9045D | |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BHJ0226 - EPA 5030 Soil MS

Blank (BHJ0226-BLK1)

Prepared: 10/04/24 Analyzed: 10/05/24

| | | | | | | | | | | |
|---|--------|--------|-------|--------|--|-----|--------|--|--|--|
| Benzene | ND | 0.0020 | mg/kg | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | |
| Ethylbenzene | ND | 0.0050 | " | | | | | | | |
| Xylenes (total) | ND | 0.010 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | | | | | | | |
| Naphthalene | ND | 0.0038 | " | | | | | | | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | | | | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 0.0417 | | " | 0.0400 | | 104 | 50-150 | | | |
| <i>Surrogate: Toluene-d8</i> | 0.0415 | | " | 0.0400 | | 104 | 50-150 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 0.0406 | | " | 0.0400 | | 102 | 50-150 | | | |

LCS (BHJ0226-BS1)

Prepared: 10/04/24 Analyzed: 10/05/24

| | | | | | | | | | | |
|---|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene | 0.106 | 0.0020 | mg/kg | 0.100 | | 106 | 70-130 | | | |
| Toluene | 0.108 | 0.0050 | " | 0.100 | | 108 | 70-130 | | | |
| Ethylbenzene | 0.105 | 0.0050 | " | 0.100 | | 105 | 70-130 | | | |
| m,p-Xylene | 0.214 | 0.010 | " | 0.200 | | 107 | 70-130 | | | |
| o-Xylene | 0.106 | 0.0050 | " | 0.100 | | 106 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 0.102 | 0.0050 | " | 0.100 | | 102 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0996 | 0.0050 | " | 0.100 | | 99.6 | 70-130 | | | |
| Naphthalene | 0.103 | 0.0038 | " | 0.100 | | 103 | 70-130 | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 0.0416 | | " | 0.0400 | | 104 | 50-150 | | | |
| <i>Surrogate: Toluene-d8</i> | 0.0403 | | " | 0.0400 | | 101 | 50-150 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 0.0391 | | " | 0.0400 | | 97.8 | 50-150 | | | |

Matrix Spike (BHJ0226-MS1)

Source: 2410077-01

Prepared: 10/04/24 Analyzed: 10/05/24

| | | | | | | | | | | |
|---|--------|--------|-------|--------|----|------|--------|--|--|--|
| Benzene | 0.0990 | 0.0020 | mg/kg | 0.100 | ND | 99.0 | 70-130 | | | |
| Toluene | 0.0997 | 0.0050 | " | 0.100 | ND | 99.7 | 70-130 | | | |
| Ethylbenzene | 0.0980 | 0.0050 | " | 0.100 | ND | 98.0 | 70-130 | | | |
| m,p-Xylene | 0.200 | 0.010 | " | 0.200 | ND | 100 | 70-130 | | | |
| o-Xylene | 0.0987 | 0.0050 | " | 0.100 | ND | 98.7 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 0.0927 | 0.0050 | " | 0.100 | ND | 92.7 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0929 | 0.0050 | " | 0.100 | ND | 92.9 | 70-130 | | | |
| Naphthalene | 0.0899 | 0.0038 | " | 0.100 | ND | 89.9 | 70-130 | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 0.0436 | | " | 0.0400 | | 109 | 50-150 | | | |
| <i>Surrogate: Toluene-d8</i> | 0.0408 | | " | 0.0400 | | 102 | 50-150 | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 0.0404 | | " | 0.0400 | | 101 | 50-150 | | | |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BHJ0226 - EPA 5030 Soil MS

| Matrix Spike Dup (BHJ0226-MSD1) | Source: 2410077-01 | | | Prepared: 10/04/24 Analyzed: 10/05/24 | | | | | | |
|----------------------------------|--------------------|--------|-------|---------------------------------------|----|------|--------|-------|----|--|
| Benzene | 0.0975 | 0.0020 | mg/kg | 0.100 | ND | 97.5 | 70-130 | 1.56 | 30 | |
| Toluene | 0.0984 | 0.0050 | " | 0.100 | ND | 98.4 | 70-130 | 1.36 | 30 | |
| Ethylbenzene | 0.0965 | 0.0050 | " | 0.100 | ND | 96.5 | 70-130 | 1.54 | 30 | |
| m,p-Xylene | 0.195 | 0.010 | " | 0.200 | ND | 97.7 | 70-130 | 2.40 | 30 | |
| o-Xylene | 0.0979 | 0.0050 | " | 0.100 | ND | 97.9 | 70-130 | 0.794 | 30 | |
| 1,2,4-Trimethylbenzene | 0.0908 | 0.0050 | " | 0.100 | ND | 90.8 | 70-130 | 2.09 | 30 | |
| 1,3,5-Trimethylbenzene | 0.0907 | 0.0050 | " | 0.100 | ND | 90.7 | 70-130 | 2.42 | 30 | |
| Naphthalene | 0.0866 | 0.0038 | " | 0.100 | ND | 86.6 | 70-130 | 3.77 | 30 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0433 | | " | 0.0400 | | 108 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0411 | | " | 0.0400 | | 103 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0402 | | " | 0.0400 | | 100 | 50-150 | | | |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BHJ0228 - EPA 3550A

Blank (BHJ0228-BLK1)

Prepared: 10/04/24 Analyzed: 10/08/24

| | | | | | | | | | | | |
|--------------------------------|------|----|-------|------|--|------|--------|--|--|--|--|
| C10-C28 (DRO) | ND | 50 | mg/kg | | | | | | | | |
| C28-C36 (ORO) | ND | 50 | " | | | | | | | | |
| Surrogate: <i>o</i> -Terphenyl | 12.0 | | " | 12.5 | | 96.3 | 30-150 | | | | |

LCS (BHJ0228-BS1)

Prepared: 10/04/24 Analyzed: 10/08/24

| | | | | | | | | | | | |
|--------------------------------|------|----|-------|------|--|------|--------|--|--|--|--|
| C10-C28 (DRO) | 438 | 50 | mg/kg | 500 | | 87.6 | 70-130 | | | | |
| Surrogate: <i>o</i> -Terphenyl | 11.5 | | " | 12.5 | | 91.8 | 30-150 | | | | |

Matrix Spike (BHJ0228-MS1)

Source: 2410077-01

Prepared: 10/04/24 Analyzed: 10/08/24

| | | | | | | | | | | | |
|--------------------------------|------|----|-------|------|----|------|--------|--|--|--|--|
| C10-C28 (DRO) | 422 | 50 | mg/kg | 500 | ND | 84.4 | 70-130 | | | | |
| Surrogate: <i>o</i> -Terphenyl | 12.1 | | " | 12.5 | | 96.8 | 30-150 | | | | |

Matrix Spike Dup (BHJ0228-MSD1)

Source: 2410077-01

Prepared: 10/04/24 Analyzed: 10/08/24

| | | | | | | | | | | | |
|--------------------------------|------|----|-------|------|----|------|--------|------|----|--|--|
| C10-C28 (DRO) | 447 | 50 | mg/kg | 500 | ND | 89.4 | 70-130 | 5.68 | 20 | | |
| Surrogate: <i>o</i> -Terphenyl | 10.6 | | " | 12.5 | | 85.1 | 30-150 | | | | |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BHJ0190 - EPA 5030 Soil MS

Blank (BHJ0190-BLK1)

Prepared: 10/04/24 Analyzed: 10/07/24

| | | | | | | | | | | |
|------------------------------------|--------|---------|-------|--------|------|--------|--|--|--|--|
| Acenaphthene | ND | 0.00500 | mg/kg | | | | | | | |
| Anthracene | ND | 0.00500 | " | | | | | | | |
| Benzo (a) anthracene | ND | 0.00500 | " | | | | | | | |
| Benzo (a) pyrene | ND | 0.00500 | " | | | | | | | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | | | | | | | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | | | | | | | |
| Chrysene | ND | 0.00500 | " | | | | | | | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | | | | | | | |
| Fluoranthene | ND | 0.00500 | " | | | | | | | |
| Fluorene | ND | 0.00500 | " | | | | | | | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | | | | | | | |
| Pyrene | ND | 0.00500 | " | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00500 | " | | | | | | | |
| 2-Methylnaphthalene | ND | 0.00500 | " | | | | | | | |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0201 | | " | 0.0333 | 60.3 | 40-150 | | | | |
| Surrogate: Fluoranthene-d10 | 0.0218 | | " | 0.0333 | 65.4 | 40-150 | | | | |

LCS (BHJ0190-BS1)

Prepared: 10/04/24 Analyzed: 10/07/24

| | | | | | | | | | | |
|------------------------------------|--------|---------|-------|--------|------|--------|--|--|--|--|
| Acenaphthene | 0.0233 | 0.00500 | mg/kg | 0.0333 | 69.9 | 31-137 | | | | |
| Anthracene | 0.0231 | 0.00500 | " | 0.0333 | 69.2 | 30-120 | | | | |
| Benzo (a) anthracene | 0.0138 | 0.00500 | " | 0.0333 | 41.6 | 30-120 | | | | |
| Benzo (a) pyrene | 0.0235 | 0.00500 | " | 0.0333 | 70.4 | 30-120 | | | | |
| Benzo (b) fluoranthene | 0.0253 | 0.00500 | " | 0.0333 | 75.9 | 30-120 | | | | |
| Benzo (k) fluoranthene | 0.0197 | 0.00500 | " | 0.0333 | 59.0 | 30-120 | | | | |
| Chrysene | 0.0245 | 0.00500 | " | 0.0333 | 73.6 | 30-120 | | | | |
| Dibenz (a,h) anthracene | 0.0214 | 0.00500 | " | 0.0333 | 64.1 | 30-120 | | | | |
| Fluoranthene | 0.0235 | 0.00500 | " | 0.0333 | 70.6 | 30-120 | | | | |
| Fluorene | 0.0231 | 0.00500 | " | 0.0333 | 69.3 | 30-120 | | | | |
| Indeno (1,2,3-cd) pyrene | 0.0206 | 0.00500 | " | 0.0333 | 61.9 | 30-120 | | | | |
| Pyrene | 0.0334 | 0.00500 | " | 0.0333 | 100 | 35-142 | | | | |
| 1-Methylnaphthalene | 0.0216 | 0.00500 | " | 0.0333 | 64.9 | 35-142 | | | | |
| 2-Methylnaphthalene | 0.0215 | 0.00500 | " | 0.0333 | 64.6 | 35-142 | | | | |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0221 | | " | 0.0333 | 66.2 | 40-150 | | | | |
| Surrogate: Fluoranthene-d10 | 0.0249 | | " | 0.0333 | 74.8 | 40-150 | | | | |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BHJ0190 - EPA 5030 Soil MS

| Matrix Spike (BHJ0190-MS1) | Source: 2410068-01 | | | Prepared: 10/04/24 Analyzed: 10/07/24 | | | | | | |
|------------------------------------|--------------------|---------|-------|---------------------------------------|---------|------|--------|--|--|--|
| Acenaphthene | 0.0203 | 0.00500 | mg/kg | 0.0333 | ND | 60.9 | 31-137 | | | |
| Anthracene | 0.0209 | 0.00500 | " | 0.0333 | ND | 62.6 | 30-120 | | | |
| Benzo (a) anthracene | 0.0133 | 0.00500 | " | 0.0333 | ND | 40.0 | 30-120 | | | |
| Benzo (a) pyrene | 0.0203 | 0.00500 | " | 0.0333 | ND | 61.0 | 30-120 | | | |
| Benzo (b) fluoranthene | 0.0222 | 0.00500 | " | 0.0333 | ND | 66.7 | 30-120 | | | |
| Benzo (k) fluoranthene | 0.0183 | 0.00500 | " | 0.0333 | ND | 54.9 | 30-120 | | | |
| Chrysene | 0.0213 | 0.00500 | " | 0.0333 | ND | 63.8 | 30-120 | | | |
| Dibenz (a,h) anthracene | 0.0160 | 0.00500 | " | 0.0333 | ND | 48.1 | 30-120 | | | |
| Fluoranthene | 0.0207 | 0.00500 | " | 0.0333 | 0.00664 | 42.1 | 30-120 | | | |
| Fluorene | 0.0209 | 0.00500 | " | 0.0333 | ND | 62.7 | 30-120 | | | |
| Indeno (1,2,3-cd) pyrene | 0.0156 | 0.00500 | " | 0.0333 | ND | 46.8 | 30-120 | | | |
| Pyrene | 0.0266 | 0.00500 | " | 0.0333 | ND | 79.8 | 35-142 | | | |
| 1-Methylnaphthalene | 0.0200 | 0.00500 | " | 0.0333 | ND | 59.9 | 15-130 | | | |
| 2-Methylnaphthalene | 0.0199 | 0.00500 | " | 0.0333 | ND | 59.6 | 15-130 | | | |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0202 | | " | 0.0333 | | 60.5 | 40-150 | | | |
| Surrogate: Fluoranthene-d10 | 0.0218 | | " | 0.0333 | | 65.5 | 40-150 | | | |

| Matrix Spike Dup (BHJ0190-MSD1) | Source: 2410068-01 | | | Prepared: 10/04/24 Analyzed: 10/07/24 | | | | | | |
|------------------------------------|--------------------|---------|-------|---------------------------------------|---------|------|--------|------|----|--|
| Acenaphthene | 0.0193 | 0.00500 | mg/kg | 0.0333 | ND | 57.9 | 31-137 | 5.08 | 30 | |
| Anthracene | 0.0187 | 0.00500 | " | 0.0333 | ND | 56.0 | 30-120 | 11.2 | 30 | |
| Benzo (a) anthracene | 0.0147 | 0.00500 | " | 0.0333 | ND | 44.2 | 30-120 | 9.77 | 30 | |
| Benzo (a) pyrene | 0.0189 | 0.00500 | " | 0.0333 | ND | 56.7 | 30-120 | 7.42 | 30 | |
| Benzo (b) fluoranthene | 0.0198 | 0.00500 | " | 0.0333 | ND | 59.3 | 30-120 | 11.7 | 30 | |
| Benzo (k) fluoranthene | 0.0174 | 0.00500 | " | 0.0333 | ND | 52.1 | 30-120 | 5.08 | 30 | |
| Chrysene | 0.0196 | 0.00500 | " | 0.0333 | ND | 58.8 | 30-120 | 8.14 | 30 | |
| Dibenz (a,h) anthracene | 0.0143 | 0.00500 | " | 0.0333 | ND | 42.9 | 30-120 | 11.4 | 30 | |
| Fluoranthene | 0.0189 | 0.00500 | " | 0.0333 | 0.00664 | 36.7 | 30-120 | 9.06 | 30 | |
| Fluorene | 0.0205 | 0.00500 | " | 0.0333 | ND | 61.4 | 30-120 | 2.18 | 30 | |
| Indeno (1,2,3-cd) pyrene | 0.0135 | 0.00500 | " | 0.0333 | ND | 40.4 | 30-120 | 14.8 | 30 | |
| Pyrene | 0.0256 | 0.00500 | " | 0.0333 | ND | 76.7 | 35-142 | 3.95 | 30 | |
| 1-Methylnaphthalene | 0.0189 | 0.00500 | " | 0.0333 | ND | 56.6 | 15-130 | 5.55 | 50 | |
| 2-Methylnaphthalene | 0.0187 | 0.00500 | " | 0.0333 | ND | 56.2 | 15-130 | 5.92 | 50 | |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0190 | | " | 0.0333 | | 57.1 | 40-150 | | | |
| Surrogate: Fluoranthene-d10 | 0.0200 | | " | 0.0333 | | 59.9 | 40-150 | | | |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control
Summit Scientific

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

Batch BHJ0213 - EPA 3050B

Blank (BHJ0213-BLK1)

Prepared: 10/04/24 Analyzed: 10/07/24

Boron ND 2.00 mg/L

LCS (BHJ0213-BS1)

Prepared: 10/04/24 Analyzed: 10/07/24

Boron 4.87 2.00 mg/L 5.00 97.4 80-120

Duplicate (BHJ0213-DUP1)

Source: 2410078-02

Prepared: 10/04/24 Analyzed: 10/07/24

Boron 0.286 2.00 mg/L 0.175 47.8 20 QR-01

Matrix Spike (BHJ0213-MS1)

Source: 2410078-02

Prepared: 10/04/24 Analyzed: 10/07/24

Boron 4.67 2.00 mg/L 5.04 0.175 89.2 75-125

Matrix Spike Dup (BHJ0213-MSD1)

Source: 2410078-02

Prepared: 10/04/24 Analyzed: 10/07/24

Boron 4.98 2.00 mg/L 5.04 0.175 95.3 75-125 6.45 25

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BHJ0233 - EPA 3050B

Blank (BHJ0233-BLK1)

Prepared: 10/04/24 Analyzed: 10/09/24

| | | | | | | | | | |
|----------|----|--------|-----------|--|--|--|--|--|--|
| Arsenic | ND | 0.200 | mg/kg wet | | | | | | |
| Barium | ND | 0.400 | " | | | | | | |
| Cadmium | ND | 0.200 | " | | | | | | |
| Copper | ND | 0.400 | " | | | | | | |
| Lead | ND | 0.200 | " | | | | | | |
| Nickel | ND | 0.400 | " | | | | | | |
| Silver | ND | 0.0200 | " | | | | | | |
| Zinc | ND | 0.400 | " | | | | | | |
| Selenium | ND | 0.260 | " | | | | | | |

LCS (BHJ0233-BS1)

Prepared: 10/04/24 Analyzed: 10/09/24

| | | | | | | |
|----------|------|--------|-----------|------|------|--------|
| Arsenic | 37.0 | 0.200 | mg/kg wet | 39.7 | 93.2 | 80-120 |
| Barium | 37.6 | 0.400 | " | 39.7 | 94.8 | 80-120 |
| Cadmium | 1.91 | 0.200 | " | 1.98 | 96.2 | 80-120 |
| Copper | 42.8 | 0.400 | " | 39.7 | 108 | 80-120 |
| Lead | 18.7 | 0.200 | " | 19.8 | 94.1 | 80-120 |
| Nickel | 42.6 | 0.400 | " | 39.7 | 107 | 80-120 |
| Silver | 1.90 | 0.0200 | " | 1.98 | 96.0 | 80-120 |
| Zinc | 41.8 | 0.400 | " | 39.7 | 105 | 80-120 |
| Selenium | 4.26 | 0.260 | " | 3.97 | 107 | 80-120 |

Duplicate (BHJ0233-DUP1)

Source: 2410077-01

Prepared: 10/04/24 Analyzed: 10/09/24

| | | | | | | |
|----------|--------|--------|-----------|--------|-------|----|
| Arsenic | 2.23 | 0.200 | mg/kg dry | 2.15 | 3.66 | 20 |
| Barium | 65.1 | 0.400 | " | 62.1 | 4.66 | 20 |
| Cadmium | 0.159 | 0.200 | " | 0.161 | 0.924 | 20 |
| Copper | 3.55 | 0.400 | " | 3.35 | 5.80 | 20 |
| Lead | 5.42 | 0.200 | " | 5.16 | 4.96 | 20 |
| Nickel | 4.28 | 0.400 | " | 3.97 | 7.53 | 20 |
| Silver | 0.0202 | 0.0200 | " | 0.0202 | 0.148 | 20 |
| Zinc | 15.6 | 0.400 | " | 14.4 | 8.15 | 20 |
| Selenium | ND | 0.260 | " | ND | | 20 |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BHJ0233 - EPA 3050B

| Matrix Spike (BHJ0233-MS1) | Source: 2410077-01 | | | Prepared: 10/04/24 Analyzed: 10/09/24 | | | | | | | | |
|-----------------------------------|---------------------------|--------|-----------|--|--------|------|--------|--|--|--|--|-------|
| Arsenic | 37.3 | 0.200 | mg/kg dry | 39.2 | 2.15 | 89.8 | 75-125 | | | | | |
| Barium | 99.3 | 0.400 | " | 39.2 | 62.1 | 95.0 | 75-125 | | | | | |
| Cadmium | 2.09 | 0.200 | " | 1.96 | 0.161 | 98.4 | 75-125 | | | | | |
| Copper | 28.6 | 0.400 | " | 39.2 | 3.35 | 64.6 | 75-125 | | | | | QM-05 |
| Lead | 23.1 | 0.200 | " | 19.6 | 5.16 | 91.4 | 75-125 | | | | | |
| Nickel | 29.8 | 0.400 | " | 39.2 | 3.97 | 65.9 | 75-125 | | | | | QM-05 |
| Silver | 1.87 | 0.0200 | " | 1.96 | 0.0202 | 94.6 | 75-125 | | | | | |
| Zinc | 40.1 | 0.400 | " | 39.2 | 14.4 | 65.6 | 75-125 | | | | | QM-05 |
| Selenium | 3.99 | 0.260 | " | 3.92 | ND | 102 | 75-125 | | | | | |

| Matrix Spike Dup (BHJ0233-MSD1) | Source: 2410077-01 | | | Prepared: 10/04/24 Analyzed: 10/09/24 | | | | | | | | |
|--|---------------------------|--------|-----------|--|--------|------|--------|-------|----|--|--|-------|
| Arsenic | 37.2 | 0.200 | mg/kg dry | 39.2 | 2.15 | 89.4 | 75-125 | 0.351 | 25 | | | |
| Barium | 91.6 | 0.400 | " | 39.2 | 62.1 | 75.2 | 75-125 | 8.14 | 25 | | | |
| Cadmium | 2.10 | 0.200 | " | 1.96 | 0.161 | 99.2 | 75-125 | 0.748 | 25 | | | |
| Copper | 29.0 | 0.400 | " | 39.2 | 3.35 | 65.5 | 75-125 | 1.25 | 25 | | | QM-05 |
| Lead | 23.3 | 0.200 | " | 19.6 | 5.16 | 92.5 | 75-125 | 0.959 | 25 | | | |
| Nickel | 30.2 | 0.400 | " | 39.2 | 3.97 | 67.1 | 75-125 | 1.50 | 25 | | | QM-05 |
| Silver | 1.90 | 0.0200 | " | 1.96 | 0.0202 | 95.8 | 75-125 | 1.23 | 25 | | | |
| Zinc | 41.1 | 0.400 | " | 39.2 | 14.4 | 68.3 | 75-125 | 2.53 | 25 | | | QM-05 |
| Selenium | 3.94 | 0.260 | " | 3.92 | ND | 101 | 75-125 | 1.29 | 25 | | | |

Batch BHJ0537 - EPA 3050B

| Blank (BHJ0537-BLK1) | Prepared: 10/15/24 Analyzed: 10/16/24 | | | | | | | | | | | |
|-----------------------------|--|--------|-----------|--|--|--|--|--|--|--|--|--|
| Arsenic | ND | 0.200 | mg/kg wet | | | | | | | | | |
| Barium | ND | 0.400 | " | | | | | | | | | |
| Cadmium | ND | 0.200 | " | | | | | | | | | |
| Copper | ND | 0.400 | " | | | | | | | | | |
| Lead | ND | 0.200 | " | | | | | | | | | |
| Nickel | ND | 0.400 | " | | | | | | | | | |
| Silver | ND | 0.0200 | " | | | | | | | | | |
| Zinc | ND | 0.400 | " | | | | | | | | | |
| Selenium | ND | 0.260 | " | | | | | | | | | |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BHJ0537 - EPA 3050B

LCS (BHJ0537-BS1)

Prepared: 10/15/24 Analyzed: 10/16/24

| | | | | | | | | | | |
|----------|------|--------|-----------|------|--|------|--------|--|--|--|
| Arsenic | 37.8 | 0.200 | mg/kg wet | 40.3 | | 93.7 | 80-120 | | | |
| Barium | 39.5 | 0.400 | " | 40.3 | | 97.9 | 80-120 | | | |
| Cadmium | 1.98 | 0.200 | " | 2.02 | | 98.3 | 80-120 | | | |
| Copper | 41.8 | 0.400 | " | 40.3 | | 104 | 80-120 | | | |
| Lead | 19.3 | 0.200 | " | 20.2 | | 95.8 | 80-120 | | | |
| Nickel | 41.1 | 0.400 | " | 40.3 | | 102 | 80-120 | | | |
| Silver | 2.00 | 0.0200 | " | 2.02 | | 99.4 | 80-120 | | | |
| Zinc | 41.4 | 0.400 | " | 40.3 | | 103 | 80-120 | | | |
| Selenium | 4.09 | 0.260 | " | 4.03 | | 101 | 80-120 | | | |

Duplicate (BHJ0537-DUP1)

Source: 2410080-03RE1

Prepared: 10/15/24 Analyzed: 10/16/24

| | | | | | | | | | |
|----------|-------|--------|-----------|-------|--|------|----|--|-------|
| Arsenic | 59.8 | 0.200 | mg/kg dry | 45.4 | | 27.4 | 20 | | QR-02 |
| Barium | 153 | 0.400 | " | 151 | | 1.46 | 20 | | |
| Cadmium | 1.03 | 0.200 | " | 0.808 | | 24.2 | 20 | | QR-01 |
| Copper | 4.66 | 0.400 | " | 4.00 | | 15.0 | 20 | | |
| Lead | 9.37 | 0.200 | " | 8.00 | | 15.8 | 20 | | |
| Nickel | 7.06 | 0.400 | " | 5.81 | | 19.4 | 20 | | |
| Silver | 0.155 | 0.0200 | " | 0.115 | | 29.4 | 20 | | QR-01 |
| Zinc | 7.33 | 0.400 | " | 4.41 | | 49.8 | 20 | | QR-02 |
| Selenium | 0.669 | 0.260 | " | 0.539 | | 21.6 | 20 | | QR-01 |

Matrix Spike (BHJ0537-MS1)

Source: 2410080-03RE1

Prepared: 10/15/24 Analyzed: 10/16/24

| | | | | | | | | | |
|----------|------|--------|-----------|------|-------|------|--------|--|-------|
| Arsenic | 114 | 0.200 | mg/kg dry | 51.3 | 45.4 | 134 | 75-125 | | QM-05 |
| Barium | 143 | 0.400 | " | 51.3 | 151 | NR | 75-125 | | QM-05 |
| Cadmium | 3.55 | 0.200 | " | 2.56 | 0.808 | 107 | 75-125 | | |
| Copper | 18.0 | 0.400 | " | 51.3 | 4.00 | 27.3 | 75-125 | | QM-05 |
| Lead | 32.8 | 0.200 | " | 25.6 | 8.00 | 96.7 | 75-125 | | |
| Nickel | 20.5 | 0.400 | " | 51.3 | 5.81 | 28.7 | 75-125 | | QM-05 |
| Silver | 2.63 | 0.0200 | " | 2.56 | 0.115 | 98.1 | 75-125 | | |
| Zinc | 21.2 | 0.400 | " | 51.3 | 4.41 | 32.8 | 75-125 | | QM-05 |
| Selenium | 3.27 | 0.260 | " | 5.13 | 0.539 | 53.2 | 75-125 | | QM-05 |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BHJ0537 - EPA 3050B

Matrix Spike Dup (BHJ0537-MSD1)

Source: 2410080-03RE1 Prepared: 10/15/24 Analyzed: 10/16/24

| Analyte | Result | Limit | Units | Spike Level | Source Result | Source %REC | Source Limits | Source RPD | RPD Limit | Notes |
|----------|--------|--------|-----------|-------------|---------------|-------------|---------------|------------|-----------|-------|
| Arsenic | 106 | 0.200 | mg/kg dry | 48.8 | 45.4 | 124 | 75-125 | 7.39 | 25 | |
| Barium | 158 | 0.400 | " | 48.8 | 151 | 14.5 | 75-125 | 10.1 | 25 | QM-05 |
| Cadmium | 3.66 | 0.200 | " | 2.44 | 0.808 | 117 | 75-125 | 3.03 | 25 | |
| Copper | 14.7 | 0.400 | " | 48.8 | 4.00 | 21.8 | 75-125 | 20.3 | 25 | QM-05 |
| Lead | 28.9 | 0.200 | " | 24.4 | 8.00 | 85.5 | 75-125 | 12.7 | 25 | |
| Nickel | 15.6 | 0.400 | " | 48.8 | 5.81 | 20.0 | 75-125 | 27.3 | 25 | QM-05 |
| Silver | 2.63 | 0.0200 | " | 2.44 | 0.115 | 103 | 75-125 | 0.0455 | 25 | |
| Zinc | 14.9 | 0.400 | " | 48.8 | 4.41 | 21.5 | 75-125 | 35.1 | 25 | QM-05 |
| Selenium | 1.92 | 0.260 | " | 4.88 | 0.539 | 28.3 | 75-125 | 52.0 | 25 | QM-05 |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

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

Batch BHJ0205 - 3060A Mod

Blank (BHJ0205-BLK1)

Prepared & Analyzed: 10/04/24

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BHJ0205-BS1)

Prepared & Analyzed: 10/04/24

Chromium, Hexavalent 27.0 0.30 mg/kg wet 25.0 108 80-120

Duplicate (BHJ0205-DUP1)

Source: 2410068-01

Prepared & Analyzed: 10/04/24

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BHJ0205-MS1)

Source: 2410068-01

Prepared & Analyzed: 10/04/24

Chromium, Hexavalent 28.1 0.30 mg/kg dry 25.7 ND 109 75-125

Matrix Spike Dup (BHJ0205-MSD1)

Source: 2410068-01

Prepared & Analyzed: 10/04/24

Chromium, Hexavalent 27.8 0.30 mg/kg dry 25.7 ND 108 75-125 1.10 20

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

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

Summit Scientific

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

Batch BHJ0268 - General Preparation

Blank (BHJ0268-BLK1)

Prepared: 10/07/24 Analyzed: 10/08/24

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

LCS (BHJ0268-BS1)

Prepared: 10/07/24 Analyzed: 10/08/24

| | | | | | | | | | | |
|-----------|------|--------|----------|------|--|-----|--------|--|--|--|
| Calcium | 5.88 | 0.0500 | mg/L wet | 5.00 | | 118 | 70-130 | | | |
| Magnesium | 5.14 | 0.0500 | " | 5.00 | | 103 | 70-130 | | | |
| Sodium | 5.19 | 0.0500 | " | 5.00 | | 104 | 70-130 | | | |

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

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

Summit Scientific

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

Batch BHJ0219 - General Preparation

Duplicate (BHJ0219-DUP1)

Source: 2410064-01

Prepared & Analyzed: 10/04/24

| | | | | | | | |
|----------|------|---|--|------|--|-------|----|
| % Solids | 87.2 | % | | 86.9 | | 0.274 | 20 |
|----------|------|---|--|------|--|-------|----|

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control

Summit Scientific

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

Batch BHJ0270 - General Preparation

Blank (BHJ0270-BLK1)

Prepared: 10/07/24 Analyzed: 10/08/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BHJ0270-BS1)

Prepared: 10/07/24 Analyzed: 10/08/24

Specific Conductance (EC) 0.156 0.0100 mmhos/cm 0.150 104 95-105

Duplicate (BHJ0270-DUP1)

Source: 2410070-01

Prepared: 10/07/24 Analyzed: 10/08/24

Specific Conductance (EC) 0.358 0.0100 mmhos/cm 0.364 1.52 20

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control

Summit Scientific

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

Batch BHJ0269 - General Preparation

LCS (BHJ0269-BS1)

Prepared: 10/07/24 Analyzed: 10/08/24

pH 9.23 pH Units 9.18 101 95-105

Duplicate (BHJ0269-DUP1)

Source: 2410064-01

Prepared: 10/07/24 Analyzed: 10/08/24

pH 7.16 pH Units 7.14 0.280 20

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.



Phillips 66
6900 E Layton Ave/ Suite 900
Denver CO, 80237

Project: Four Parmlee (H-6-9) 3/2024

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
10/17/24 11:21

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.
- QR-01 Analyses are not controlled on RPD values from sample concentrations below the reporting limit. Sample results were accepted based on LCS and/or LCSD recoveries and/or RPD values.
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. Sample results were accepted based on LCS and/or LCSD recoveries and/or RPD values.
- 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