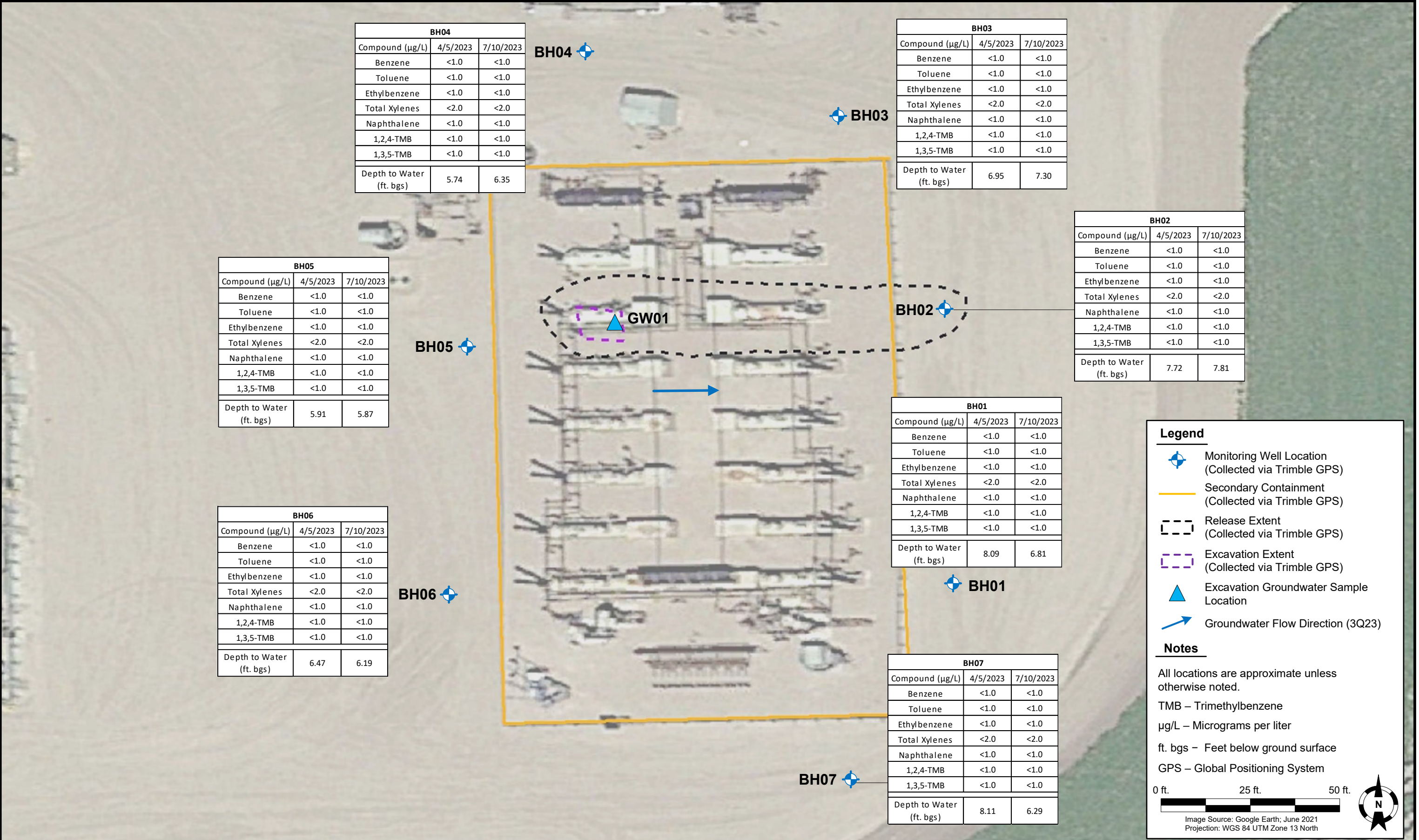


Attachment B

Groundwater Documents



| | |
|--------------|-----------------|
| DATE: | August 17, 2023 |
| DESIGNED BY: | C. Hamlin |
| DRAWN BY: | J. Marcus |

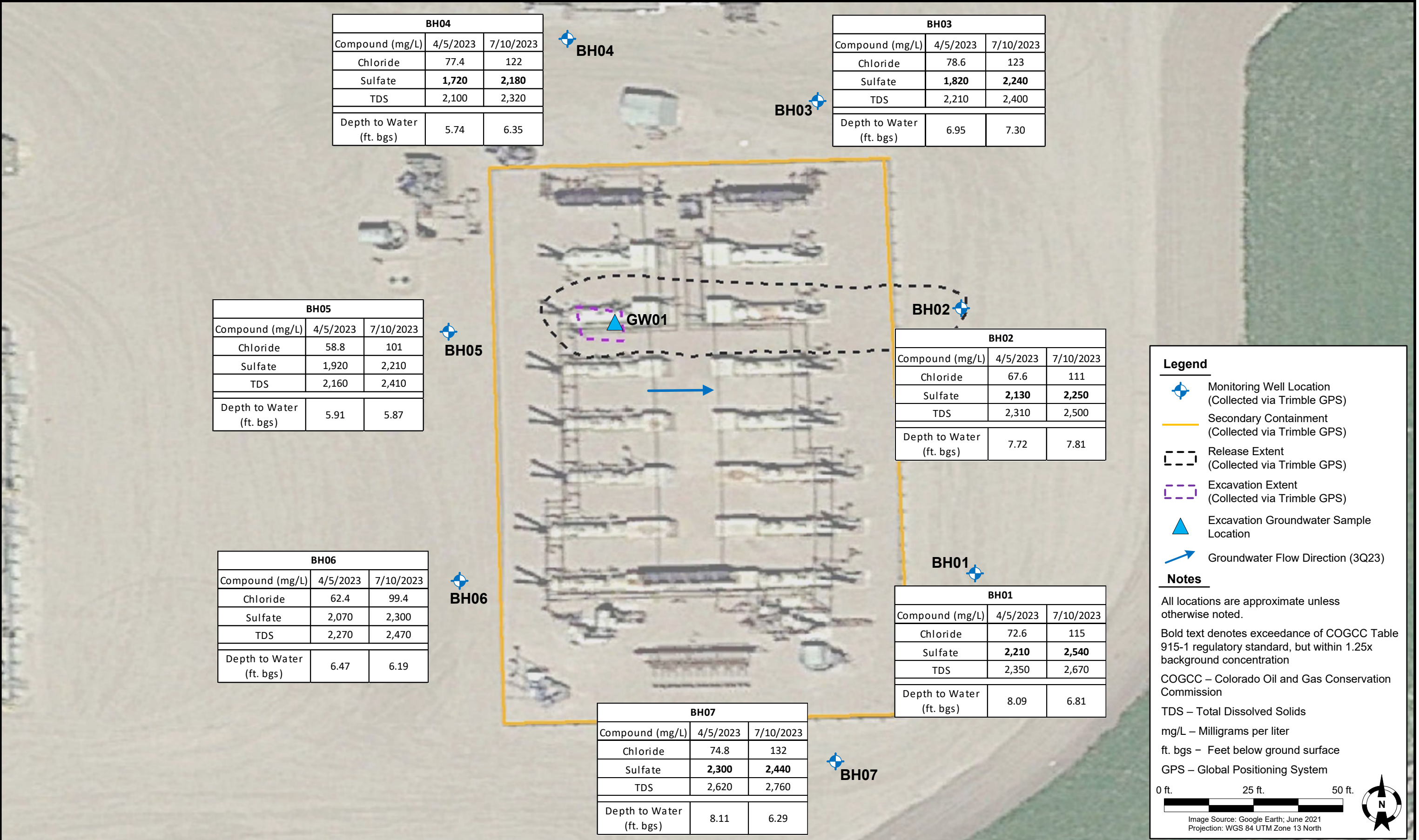


TASMAN
Tasman, Inc.
6855 W. 119th Ave.
Broomfield, CO 80020

PDC Energy, Inc. – DJ Basin
Fagerberg Pad
SWSW, Section 12, Township 6 North, Range 66 West
Weld County, Colorado

**GROUNDWATER
ANALYTICAL RESULTS
MAP**

**FIGURE
1**



DATE: August 17, 2023

DESIGNED BY: C. Hamlin

DRAWN BY: J. Marcus

 **TASMAN** Tasman, Inc.
6855 W. 119th Ave.
Broomfield, CO 80020

PDC Energy, Inc. – DJ Basin
Fagerberg Pad
SWSW, Section 12, Township 6 North, Range 66 West
Weld County, Colorado

GROUNDWATER
ANALYTICAL RESULTS MAP
(INORGANIC PARAMETERS)

FIGURE
2

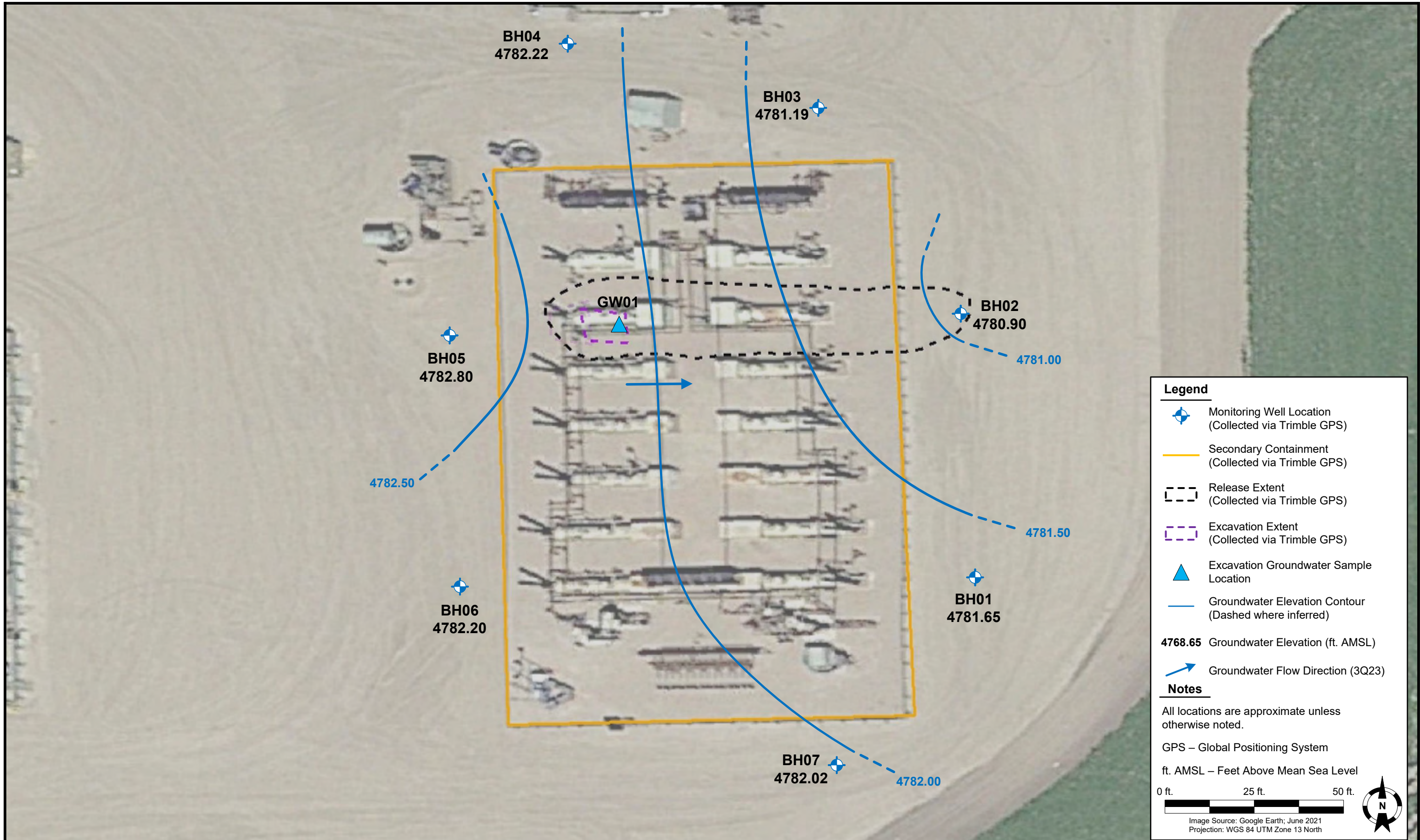


TABLE 1
FAGERBERG PAD
GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
ORGANIC COMPOUNDS

| Sample ID | Date Sampled | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | Naphthalene (µg/L) | 1,2,4-TMB (µg/L) | 1,3,5-TMB (µg/L) | Depth to Water ⁽²⁾ (ft.) | Groundwater Elevation (ft. AMSL) |
|-------------------------------------------------------------------------|--------------|-------------------|-------------------|------------------------|----------------------------|-----------------------|---------------------|---------------------|-------------------------------------------|----------------------------------------|
| COGCC Table 915-1 Groundwater Standard (µg/L) ⁽¹⁾ | | 5 | 560 | 700 | 1,400 | 140 | 67 | 67 | - | - |
| GW01 | 4/15/2022 | 120 | 690 | 84 | 700 | 23 | 150 | 56 | ~8 | NA |
| | | | | | | | | | | |
| BH01 | 10/13/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 8.22 | 4780.24 |
| BH01 | 1/31/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 8.29 | 4780.17 |
| BH01 | 4/5/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 8.09 | 4780.37 |
| BH01 | 7/10/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 6.81 | 4781.65 |
| | | | | | | | | | | |
| BH02 | 10/13/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 8.08 | 4780.63 |
| BH02 | 1/31/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 8.01 | 4780.70 |
| BH02 | 4/5/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 7.72 | 4780.99 |
| BH02 | 7/10/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 7.81 | 4780.90 |
| | | | | | | | | | | |
| BH03 | 10/13/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 7.79 | 4780.70 |
| BH03 | 1/31/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 6.89 | 4781.60 |
| BH03 | 4/5/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 6.95 | 4781.54 |
| BH03 | 7/10/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 7.30 | 4781.19 |
| | | | | | | | | | | |
| BH04 | 10/13/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 7.97 | 4780.60 |
| BH04 | 1/31/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 5.41 | 4783.16 |
| BH04 | 4/5/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 5.74 | 4782.83 |
| BH04 | 7/10/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 6.35 | 4782.22 |
| | | | | | | | | | | |
| BH05 | 10/13/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 6.73 | 4781.94 |
| BH05 | 1/31/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 5.87 | 4782.80 |
| BH05 | 4/5/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 5.91 | 4782.76 |
| BH05 | 7/10/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 5.87 | 4782.80 |
| | | | | | | | | | | |
| BH06 | 10/13/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 6.93 | 4781.46 |
| BH06 | 1/31/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 6.55 | 4781.84 |
| BH06 | 4/5/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 6.47 | 4781.92 |
| BH06 | 7/10/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 6.19 | 4782.20 |
| | | | | | | | | | | |
| BH07 | 10/13/2022 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 8.10 | 4780.21 |
| BH07 | 1/31/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 8.36 | 4779.95 |
| BH07 | 4/5/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 8.11 | 4780.20 |
| BH07 | 7/10/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 6.29 | 4782.02 |

Notes:

- Groundwater standards referenced from 2 CCR 404-1, Table 915-1, January 15, 2021.
 - Depth to water measurements were measured from ground surface for excavation samples. Monitoring well measurements were collected from top of casing and adjusted using survey data to reflect depth of water from ground surface.
- TMB = Trimethylbenzene
COGCC = Colorado Oil and Gas Conservation Commission
µg/L = Micrograms per liter
(<) = Analytical result is less than the indicated laboratory reporting limit.
ft. = Feet
AMSL = Above Mean Sea Level
NA = Not applicable
BOLD = Analytical result in exceedance of applicable standard.

TABLE 2
FAGERBERG PAD
GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
INORGANIC PARAMETERS

| Sample ID | Date Sampled | TDS (unit) | Chloride Ion (mg/L) | Sulfate Ion (mg/L) | Depth to Water ⁽²⁾ (ft.) | Groundwater Elevation (ft. AMSL) |
|------------------------------------------------------------------|--------------|------------------------|-----------------------------------|-----------------------------------|-------------------------------------------|----------------------------------------|
| COGCC Table 915-1 Groundwater Standard (mg/L) (1) | | <1.25 x BCKG | 250 or <1.25 x BCKG | 250 or <1.25 x BCKG | - | - |
| BH01 | 10/13/2022 | 2,050 | 178 | 1,660 | 8.22 | 4780.24 |
| BH01 | 1/31/2023 | 2,660 | 76.4 | 1,650 | 8.29 | 4780.17 |
| BH01 | 4/5/2023 | 2,350 | 72.6 | 2,210 | 8.09 | 4780.37 |
| BH01 | 7/10/2023 | 2,670 | 115 | 2,540 | 6.81 | 4781.65 |
| BH02 | 10/13/2022 | 2,410 | 71.4 | 1,690 | 8.08 | 4780.63 |
| BH02 | 1/31/2023 | 2,510 | 71.2 | 1,590 | 8.01 | 4780.70 |
| BH02 | 4/5/2023 | 2,310 | 67.6 | 2,130 | 7.72 | 4780.99 |
| BH02 | 7/10/2023 | 2,500 | 111 | 2,250 | 7.81 | 4780.90 |
| BH03 | 10/13/2022 | 2,100 | 79.2 | 1,940 | 7.79 | 4780.70 |
| BH03 | 1/31/2023 | 2,410 | 81.8 | 1,540 | 6.89 | 4781.60 |
| BH03 | 4/5/2023 | 2,210 | 78.6 | 1,820 | 6.95 | 4781.54 |
| BH03 | 7/10/2023 | 2,400 | 123 | 2,240 | 7.30 | 4781.19 |
| BH04 | 10/13/2022 | 1,920 | 83.4 | 1,710 | 7.97 | 4780.60 |
| BH04 | 1/31/2023 | 2,330 | 73.6 | 1,240 | 5.41 | 4783.16 |
| BH04 | 4/5/2023 | 2,100 | 77.4 | 1,720 | 5.74 | 4782.83 |
| BH04 | 7/10/2023 | 2,320 | 122 | 2,180 | 6.35 | 4782.22 |
| BH05 | 10/13/2022 | 2,050 | 81.2 | 1,760 | 6.73 | 4781.94 |
| BH05 | 1/31/2023 | 2,420 | 69.6 | 1,590 | 5.87 | 4782.80 |
| BH05 | 4/5/2023 | 2,160 | 58.8 | 1,920 | 5.91 | 4782.76 |
| BH05 | 7/10/2023 | 2,410 | 101 | 2,210 | 5.87 | 4782.80 |
| BH06 | 10/13/2022 | 2,100 | 57.8 | 1,650 | 6.93 | 4781.46 |
| BH06 | 1/31/2023 | 2,490 | 67.6 | 1,450 | 6.55 | 4781.84 |
| BH06 | 4/5/2023 | 2,270 | 62.4 | 2,070 | 6.47 | 4781.92 |
| BH06 | 7/10/2023 | 2,470 | 99.4 | 2,300 | 6.19 | 4782.20 |
| BH07 | 10/13/2022 | 2,360 | 56.2 | 1,600 | 8.10 | 4780.21 |
| BH07 | 1/31/2023 | 2,820 | 76.2 | 1,760 | 8.36 | 4779.95 |
| BH07 | 4/5/2023 | 2,620 | 74.8 | 2,300 | 8.11 | 4780.20 |
| BH07 | 7/10/2023 | 2,760 | 132 | 2,440 | 6.29 | 4782.02 |

TABLE 2
FAGERBERG PAD
GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
INORGANIC PARAMETERS

| Sample ID | Date Sampled | TDS (unit) | Chloride Ion (mg/L) | Sulfate Ion (mg/L) | Depth to Water ⁽²⁾ (ft.) | Groundwater Elevation (ft. AMSL) |
|---------------------------------------------------------|--------------|---------------|------------------------|------------------------|-------------------------------------------|----------------------------------------|
| COGCC Table 915-1 Groundwater Standard (mg/L) (1) | | <1.25 x BCKG | 250 or <1.25 x BCKG | 250 or <1.25 x BCKG | - | - |

Notes:

1. Groundwater standards referenced from 2 CCR 404-1, Table 915-1, January 15, 2021.

2. Depth to water measurements were measured from ground surface for excavation samples. Monitoring well measurements were collected from top of casing and adjusted using survey data to reflect depth of water from ground surface.

TDS = Total dissolved solids

COGCC = Colorado Oil and Gas Conservation Commission

BCKG = Background

mg/L = Milligrams per liter

(<) = Analytical result is less than the indicated laboratory reporting limit.

ft. = Feet

AMSL = Above Mean Sea Level

BOLD = Analytical result in exceedance of applicable standard, but within 1.25x BCKG concentrations.

 = Up-gradient well locations used for background concentration.

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

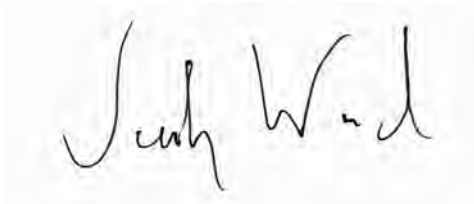
303.277.9310

July 19, 2023

Mark Longhurst
Tasman Geosciences
6855 W. 119th Ave.
Broomfield, CO 80020
RE: PDC - Fagerberg Pad
Work Order #2307155

Enclosed are the results of analyses for samples received by Summit Scientific on 07/10/23 17:03. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood", is centered on a light gray rectangular background.

Jacob Wood For Paul Shrewsbury
President



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| BH01 | 2307155-01 | Water | 07/10/23 11:47 | 07/10/23 17:03 |
| BH02 | 2307155-02 | Water | 07/10/23 11:48 | 07/10/23 17:03 |
| BH03 | 2307155-03 | Water | 07/10/23 12:02 | 07/10/23 17:03 |
| BH04 | 2307155-04 | Water | 07/10/23 12:14 | 07/10/23 17:03 |
| BH05 | 2307155-05 | Water | 07/10/23 12:23 | 07/10/23 17:03 |
| BH06 | 2307155-06 | Water | 07/10/23 12:11 | 07/10/23 17:03 |
| BH07 | 2307155-07 | Water | 07/10/23 12:00 | 07/10/23 17:03 |

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.

| | | | | | | | | | | | |
|-----------------------------------------|--|--|--|---------------------------------|--|--|--|------------------------|--|--|--|
| Client: PDC PDC / Tasman | | | | Send Data To: | | | | Send Invoice To: | | | |
| Address: 6855 W 119th Ave | | | | Project Manager: Mark Longhurst | | | | Company: PDC Energy | | | |
| City/State/Zip: Broomfield / CO / 80220 | | | | E-Mail: mark.longhurst@PDCE.com | | | | Project Name/Location: | | | |
| Phone: 303-487-1228 | | | | Project Name: Fagerberg Pad | | | | AFE#: | | | |
| Sampler Name: Jordan Hestmark, KY | | | | Project Number: | | | | PO/Billing Codes: | | | |
| Contact: Mark Longhurst | | | | | | | | | | | |

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | | Analysis Requested | | | | | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|-------|--------------------|------------------|---------------------|-------------|-------------|------|--------|--------------|----------------------|
| | | | | | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | BTEXN - 8260B | TPH - (C6 - C36) | 1,2,4 & 1,3,5 - TMB | Boron - HWS | pH, EC, SAR | PAHs | Metals | TDS, SO4, Cl | |
| 1 | BH01 | 7/10/23 | 1147 | 4 | 3 | | 1 | | X | | | | X | | X | | | | | X | |
| 2 | BH02 | | 1148 | 1 | | | | | | | | | | | | | | | | | |
| 3 | BH03 | | 1202 | 1 | | | | | | | | | | | | | | | | | |
| 4 | BH04 | | 1214 | 1 | | | | | | | | | | | | | | | | | |
| 5 | BH05 | | 1223 | 1 | | | | | | | | | | | | | | | | | |
| 6 | BH06 | | 1211 | 1 | | | | | | | | | | | | | | | | | |
| 7 | BH07 | | 1200 | 1 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | |
|----------------------------------|-------------------------|-----------------------------|-------------------------|-------------------|-------------|--------|
| Relinquished by: Jordan Hestmark | Date/Time: 7/10/23 1529 | Received by: Tasman Lockbox | Date/Time: 7/10/23 1529 | TAT Business Days | Field DO | Notes: |
| | | | | Same Day | Field EC | |
| | | | | 1 Day | Field ORP | |
| | | | | 2 Days | Field pH | |
| | | | | 3 Days | Field Temp. | |
| Relinquished by: Tasman Lockbox | Date/Time: 7/10/23 1733 | Received by: [Signature] | Date/Time: 7/10/23 1733 | Standard | Field Turb. | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | | | |

| | | | |
|-------------------------------|--------------------------|-------------|-------------|
| Temperature Upon Receipt: 7.8 | Corrected Temperature: e | IR gun #: 1 | HNO3 lot #: |
|-------------------------------|--------------------------|-------------|-------------|

S₂

Sample Receipt Checklist

S2 Work Order# 2307155Client: DoctusmanClient Project ID: Fagerberg BidShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐Airbill #: ☐
☐ ☐ ☐ ☐ ☐

Matrix (Check all that apply)

Air ☐Soil/Solid ☐Water ☒Other ☐

Temp (°C)

7.6

Thermometer #

1

| | 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>analyze</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 checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <u>HCl</u> |
| 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

7/10/23
Date/Time



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

BH01
2307155-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/10/23 11:47**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BGG0291 | 07/11/23 | 07/12/23 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 1.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: **07/10/23 11:47**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 11.5 | 86.5 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 12.2 | 91.2 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 13.6 | 102 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **07/10/23 11:47**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Chloride | 115 | 12.0 | mg/L | 200 | BGG0284 | 07/11/23 | 07/11/23 | EPA 300.0 | |
| Sulfate | 2540 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **07/10/23 11:47**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | Units | | | | | | |
| Total Dissolved Solids | 2670 | 10.0 | mg/L | 1 | BGG0347 | 07/12/23 | 07/12/23 | SM2540C | |

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.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad
Project Number: [none]
Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

BH02
2307155-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/10/23 11:48**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BGG0291 | 07/11/23 | 07/12/23 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 1.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: **07/10/23 11:48**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 11.4 | 85.4 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 12.5 | 93.8 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 14.0 | 105 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **07/10/23 11:48**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chloride | 111 | 12.0 | mg/L | 200 | BGG0284 | 07/11/23 | 07/11/23 | EPA 300.0 | |
| Sulfate | 2250 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **07/10/23 11:48**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | |
| Total Dissolved Solids | 2500 | 10.0 | mg/L | 1 | BGG0347 | 07/12/23 | 07/12/23 | SM2540C | |

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.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

BH03
2307155-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/10/23 12:02**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BGG0291 | 07/11/23 | 07/12/23 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 1.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: **07/10/23 12:02**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 11.8 | 88.1 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 12.4 | 93.2 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 13.9 | 105 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **07/10/23 12:02**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chloride | 123 | 12.0 | mg/L | 200 | BGG0284 | 07/11/23 | 07/11/23 | EPA 300.0 | |
| Sulfate | 2240 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **07/10/23 12:02**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|-------------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | |
| Total Dissolved Solids | 2400 | 10.0 | mg/L | 1 | BGG0347 | 07/12/23 | 07/12/23 | SM2540C | |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

BH04
2307155-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/10/23 12:14**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BGG0291 | 07/11/23 | 07/12/23 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 1.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: **07/10/23 12:14**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 11.6 | 87.0 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 12.1 | 90.9 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 13.8 | 104 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **07/10/23 12:14**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chloride | 122 | 12.0 | mg/L | 200 | BGG0284 | 07/11/23 | 07/11/23 | EPA 300.0 | |
| Sulfate | 2180 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **07/10/23 12:14**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|-------------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | |
| Total Dissolved Solids | 2320 | 10.0 | mg/L | 1 | BGG0347 | 07/12/23 | 07/12/23 | SM2540C | |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

BH05
2307155-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/10/23 12:23**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BGG0291 | 07/11/23 | 07/12/23 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 1.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: **07/10/23 12:23**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 11.6 | 87.4 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 12.0 | 89.9 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 13.5 | 102 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **07/10/23 12:23**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chloride | 101 | 12.0 | mg/L | 200 | BGG0284 | 07/11/23 | 07/11/23 | EPA 300.0 | |
| Sulfate | 2210 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **07/10/23 12:23**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|-------------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | |
| Total Dissolved Solids | 2410 | 10.0 | mg/L | 1 | BGG0347 | 07/12/23 | 07/12/23 | SM2540C | |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

BH06
2307155-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/10/23 12:11**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BGG0291 | 07/11/23 | 07/12/23 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 1.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: **07/10/23 12:11**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 11.5 | 86.3 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 11.8 | 88.4 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 13.8 | 103 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **07/10/23 12:11**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chloride | 99.4 | 12.0 | mg/L | 200 | BGG0284 | 07/11/23 | 07/11/23 | EPA 300.0 | |
| Sulfate | 2300 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **07/10/23 12:11**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|-------------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | |
| Total Dissolved Solids | 2470 | 10.0 | mg/L | 1 | BGG0347 | 07/12/23 | 07/12/23 | SM2540C | |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

BH07
2307155-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/10/23 12:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BGG0291 | 07/11/23 | 07/12/23 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 1.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: **07/10/23 12:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 11.8 | 88.1 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 12.1 | 90.8 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 13.6 | 102 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **07/10/23 12:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chloride | 132 | 12.0 | mg/L | 200 | BGG0284 | 07/11/23 | 07/11/23 | EPA 300.0 | |
| Sulfate | 2440 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **07/10/23 12:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|-------------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | |
| Total Dissolved Solids | 2760 | 10.0 | mg/L | 1 | BGG0347 | 07/12/23 | 07/12/23 | SM2540C | |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

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 BGG0291 - EPA 5030 Water MS

Blank (BGG0291-BLK1)

Prepared & Analyzed: 07/11/23

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| Benzene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | " | | | | | | | |
| Ethylbenzene | ND | 1.0 | " | | | | | | | |
| Xylenes (total) | ND | 2.0 | " | | | | | | | |
| Naphthalene | ND | 1.0 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 11.6 | | " | 13.3 | | 86.9 | 23-173 | | | |
| Surrogate: Toluene-d8 | 12.4 | | " | 13.3 | | 92.8 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 14.6 | | " | 13.3 | | 110 | 21-167 | | | |

LCS (BGG0291-BS1)

Prepared & Analyzed: 07/11/23

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| Benzene | 32.2 | 1.0 | ug/l | 33.3 | | 96.6 | 51-132 | | | |
| Toluene | 30.0 | 1.0 | " | 33.3 | | 89.9 | 51-138 | | | |
| Ethylbenzene | 33.1 | 1.0 | " | 33.3 | | 99.3 | 58-146 | | | |
| m,p-Xylene | 66.8 | 2.0 | " | 66.7 | | 100 | 57-144 | | | |
| o-Xylene | 29.3 | 1.0 | " | 33.3 | | 87.8 | 53-146 | | | |
| Naphthalene | 32.1 | 1.0 | " | 33.3 | | 96.2 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 32.4 | 1.0 | " | 33.3 | | 97.1 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 35.5 | 1.0 | " | 33.3 | | 106 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 10.8 | | " | 13.3 | | 80.9 | 23-173 | | | |
| Surrogate: Toluene-d8 | 13.1 | | " | 13.3 | | 98.0 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 13.8 | | " | 13.3 | | 103 | 21-167 | | | |

Matrix Spike (BGG0291-MS1)

Source: 2307152-02

Prepared: 07/11/23 Analyzed: 07/12/23

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|----|------|--------|--|--|--|
| Benzene | 32.5 | 1.0 | ug/l | 33.3 | ND | 97.4 | 34-141 | | | |
| Toluene | 30.7 | 1.0 | " | 33.3 | ND | 92.0 | 27-151 | | | |
| Ethylbenzene | 33.4 | 1.0 | " | 33.3 | ND | 100 | 29-160 | | | |
| m,p-Xylene | 67.7 | 2.0 | " | 66.7 | ND | 102 | 20-166 | | | |
| o-Xylene | 29.6 | 1.0 | " | 33.3 | ND | 88.7 | 33-159 | | | |
| Naphthalene | 34.7 | 1.0 | " | 33.3 | ND | 104 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 33.7 | 1.0 | " | 33.3 | ND | 101 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 36.2 | 1.0 | " | 33.3 | ND | 109 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 11.0 | | " | 13.3 | | 82.8 | 23-173 | | | |
| Surrogate: Toluene-d8 | 13.3 | | " | 13.3 | | 99.5 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 13.6 | | " | 13.3 | | 102 | 21-167 | | | |

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.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

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 BGG0291 - EPA 5030 Water MS

| Matrix Spike Dup (BGG0291-MSD1) | Source: 2307152-02 | | | Prepared: 07/11/23 Analyzed: 07/12/23 | | | | | | |
|----------------------------------|--------------------|-----|------|---------------------------------------|----|------|--------|------|----|--|
| Benzene | 33.6 | 1.0 | ug/l | 33.3 | ND | 101 | 34-141 | 3.57 | 30 | |
| Toluene | 31.8 | 1.0 | " | 33.3 | ND | 95.4 | 27-151 | 3.68 | 30 | |
| Ethylbenzene | 35.3 | 1.0 | " | 33.3 | ND | 106 | 29-160 | 5.48 | 30 | |
| m,p-Xylene | 71.5 | 2.0 | " | 66.7 | ND | 107 | 20-166 | 5.56 | 30 | |
| o-Xylene | 30.8 | 1.0 | " | 33.3 | ND | 92.4 | 33-159 | 4.04 | 30 | |
| Naphthalene | 42.1 | 1.0 | " | 33.3 | ND | 126 | 70-130 | 19.3 | 30 | |
| 1,2,4-Trimethylbenzene | 36.6 | 1.0 | " | 33.3 | ND | 110 | 70-130 | 8.22 | 30 | |
| 1,3,5-Trimethylbenzene | 38.9 | 1.0 | " | 33.3 | ND | 117 | 70-130 | 7.08 | 30 | |
| Surrogate: 1,2-Dichloroethane-d4 | 13.4 | | " | 13.3 | | 101 | 23-173 | | | |
| Surrogate: Toluene-d8 | 13.2 | | " | 13.3 | | 98.7 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 13.8 | | " | 13.3 | | 103 | 21-167 | | | |

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.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad

Project Number: [none]

Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

Total Dissolved Solids by SM2540C - Quality Control

Summit Scientific

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

Batch BGG0347 - General Preparation

Blank (BGG0347-BLK1)

Prepared & Analyzed: 07/12/23

Total Dissolved Solids ND 10.0 mg/L

Duplicate (BGG0347-DUP1)

Source: 2307155-01

Prepared & Analyzed: 07/12/23

Total Dissolved Solids 2790 10.0 mg/L 2670 4.21 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.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Fagerberg Pad

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
07/19/23 09:42

Notes and Definitions

| | |
|-----|------------------------------------------------------|
| 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 |