

FOUNDATION ENERGY INC.
ALLARD 30-8-5 (North) Former Well Jack Area and
ALLARD 30-8-5 (South) Former Treater/Battery Area

FORM 27 SUPPLEMENTAL
FOURTH QUARTER 2022 GROUNDWATER MONITORING SUMMARY REPORT

ATTACHMENTS

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- 3 Historical Groundwater Analytical Results

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Attachments

- A Summit Scientific Laboratory Reports:
-2211176 (Groundwater)

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
FOUNDATION ENERGY - ALLARD 30-8-5
JACKSON COUNTY, COLORADO

| Location | Date | Depth to Groundwater (feet) | Depth to Product (feet) | Free Phase Hydrocarbon Thickness (feet) | Total Depth (feet) | TOC Elevation (feet amsl) | Groundwater Elevation (feet amsl) | Change in Groundwater Elevation Since Previous Event (1) (feet) |
|---|-----------|-----------------------------|-------------------------|---|--------------------|---------------------------|-----------------------------------|---|
| MW01 | 3/9/2022 | 8.00 | - | - | 9.31 | 7,949.31 | 7,941.31 | 0.21 |
| MW01 | 4/20/2022 | 3.76 | - | - | 9.31 | 7,949.31 | 7,945.55 | 4.24 |
| MW01 | 5/13/2022 | 5.30 | - | - | 9.31 | 7,949.31 | 7,944.01 | -1.54 |
| MW01 | 11/9/2022 | 5.73 | - | - | 9.31 | 7,949.31 | 7,943.58 | -0.43 |
| MW02 | 3/9/2022 | 7.86 | - | - | 8.91 | 7,949.43 | 7,941.57 | 0.12 |
| MW02 | 4/20/2022 | 4.25 | - | - | 8.91 | 7,949.43 | 7,945.18 | 3.61 |
| MW02 | 5/13/2022 | 3.85 | - | - | 8.91 | 7,949.43 | 7,945.58 | 0.40 |
| MW02 | 11/9/2022 | 4.40 | - | - | 8.91 | 7,949.43 | 7,945.03 | -0.55 |
| MW03 | 3/9/2022 | 8.87 | - | - | 10.96 | 7,950.22 | 7,941.35 | 0.19 |
| MW03 | 4/20/2022 | 6.21 | - | - | 10.96 | 7,950.22 | 7,944.01 | 2.66 |
| MW03 | 5/13/2022 | 5.82 | - | - | 10.96 | 7,950.22 | 7,944.40 | 0.39 |
| MW03 | 11/9/2022 | 6.36 | - | - | 10.96 | 7,950.22 | 7,943.86 | -0.54 |
| MW04 | 3/9/2022 | DRY | - | - | 6.43 | 7,948.97 | NA | NC |
| MW04 | 4/20/2022 | 6.30 | - | - | 6.43 | 7,948.97 | 7,942.67 | NC |
| MW04 | 5/13/2022 | 6.00 | - | - | 6.43 | 7,948.97 | 7,942.97 | 0.30 |
| MW04 | 11/9/2022 | DRY | - | - | 6.43 | 7,948.97 | NA | NC |
| MW05 | 3/9/2022 | 5.85 | - | - | 9.05 | 7,950.07 | 7,944.22 | 2.73 |
| MW05 | 4/20/2022 | 4.87 | - | - | 9.05 | 7,950.07 | 7,945.20 | 0.98 |
| MW05 | 5/13/2022 | 4.36 | - | - | 9.05 | 7,950.07 | 7,945.71 | 0.51 |
| MW05 | 11/9/2022 | 5.06 | - | - | 9.05 | 7,950.07 | 7,945.01 | -0.70 |
| MW06 | 3/9/2022 | 5.85 | - | - | 9.02 | 7,944.76 | 7,938.91 | 0.20 |
| MW06 | 4/20/2022 | 3.88 | - | - | 9.02 | 7,944.76 | 7,940.88 | 1.97 |
| MW06 | 5/13/2022 | 3.98 | - | - | 9.02 | 7,944.76 | 7,940.78 | -0.10 |
| MW06 | 11/9/2022 | 4.32 | - | - | 9.02 | 7,944.76 | 7,940.44 | -0.34 |
| MW07 | 3/9/2022 | 6.52 | - | - | 8.69 | 7,944.85 | 7,938.33 | 0.20 |
| MW07 | 4/20/2022 | NM | - | - | 8.69 | 7,944.85 | NM | NM |
| MW07 | 5/13/2022 | 5.28 | - | - | 8.69 | 7,944.85 | 7,939.57 | NC |
| MW07 | 11/9/2022 | 5.79 | - | - | 8.69 | 7,944.85 | 7,939.06 | -0.51 |
| MW08 | 3/9/2022 | 6.32 | - | - | 9.18 | 7,945.16 | 7,938.84 | 0.28 |
| MW08 | 4/20/2022 | NM | - | - | 9.18 | 7,945.16 | NM | NM |
| MW08 | 5/13/2022 | 4.78 | - | - | 9.18 | 7,945.16 | 7,940.38 | NC |
| MW08 | 11/9/2022 | 5.50 | - | - | 9.18 | 7,945.16 | 7,939.66 | -0.72 |
| MW09 | 3/9/2022 | Damaged | - | - | 10.01 | 7,946.19 | NM | NM |
| MW09 | 4/20/2022 | Damaged | - | - | 10.01 | 7,946.19 | NM | NM |
| MW09 | 5/13/2022 | Damaged | - | - | 10.01 | 7,946.19 | NM | NM |
| MW09 | 11/9/2022 | Abandoned | - | - | 10.01 | 7,946.19 | NM | NM |
| Average Change in Groundwater Elevation (5/13/2022 - 11/9/2022) | | | | | | | | -0.54 |

Notes:

collected during the most recent monitoring event.

amsl = feet above mean sea level

TOC = top of casing

Groundwater elevation = (TOC Elevation - Measured Depth to Water) + (LNAPL Thickness in Well * LNAPL Relative Density)

LNAPL relative density was assumed to be approximately 0.75

NM = Not Measured

* Well stick up heights modified after sampling event, before survey

NC =Not calculated

TABLE 2
FOURTH QUARTER 2022 GROUNDWATER ANALYTICAL RESULTS
FOUNDATION ENERGY ALLARD 30-8-5
JACKSON COUNTY, COLORADO

| Location Identification | Sample Date | Lab Report | Benzene (µg/l) | Toluene (µg/l) | Ethylbenzene (µg/l) | Total Xylenes (µg/l) | 1,2,4-Trimethylbenzene (µg/l) | 1,3,5-Trimethylbenzene (µg/l) | Naphthalene (µg/l) | | Total Dissolved Solids (mg/l) | Chloride (mg/l) | Sulfate (mg/l) | | Comments |
|--|-------------|------------|----------------|----------------|---------------------|----------------------|-------------------------------|-------------------------------|--------------------|--|-------------------------------|--|--|--|-------------------|
| COGCC Standards (µg/L) ⁽¹⁾ | | | 5 | 560 | 700 | 1,400 | 67 | 67 | 140 | | (<1.25 x local background) | (250 mg/l or <1.25 x local background) | (250 mg/l or <1.25 x local background) | | |
| Allard South (Former Battery and Treater Area) | | | | | | | | | | | | | | | |
| MW01 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | NS | NS | NS | | |
| | | | | | | | | | | | | | | | |
| MW02 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | NS | NS | NS | | |
| | | | | | | | | | | | | | | | |
| MW03 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | NS | NS | NS | | |
| | | | | | | | | | | | | | | | |
| MW04 | 11/9/2022 | NA | NS | NS | NS | NS | NS | NS | NS | | NS | NS | NS | | Not Sampled - Dry |
| | | | | | | | | | | | | | | | |
| MW05 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | NS | NS | NS | | |
| | | | | | | | | | | | | | | | |
| Allard North (Former Well Jack Area) | | | | | | | | | | | | | | | |
| MW06 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | NS | NS | NS | | |
| | | | | | | | | | | | | | | | |
| MW07 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | NS | NS | NS | | |
| | | | | | | | | | | | | | | | |
| MW08 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | NS | NS | NS | | |
| | | | | | | | | | | | | | | | |

Notes:

1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) standards for contaminants in groundwater according to Table 915-1 of the COGCC 900 Series Rule for E&P Waste Management.

2). Standards are taken from the Colorado Department of Public Health and Environment - Water Quality Control Commission, 5 CCR 1002-41, Table A - Groundwater Organic Chemical Standards.

Bold values indicate an exceedance of the COGCC groundwater standards for the Site.

µg/L = micrograms per liter.

mg/L = milligrams per liter.

NS = Not Sampled

NA = Not Applicable

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FOUNDATION ENERGY ALLARD 30-8-5
JACKSON COUNTY, COLORADO

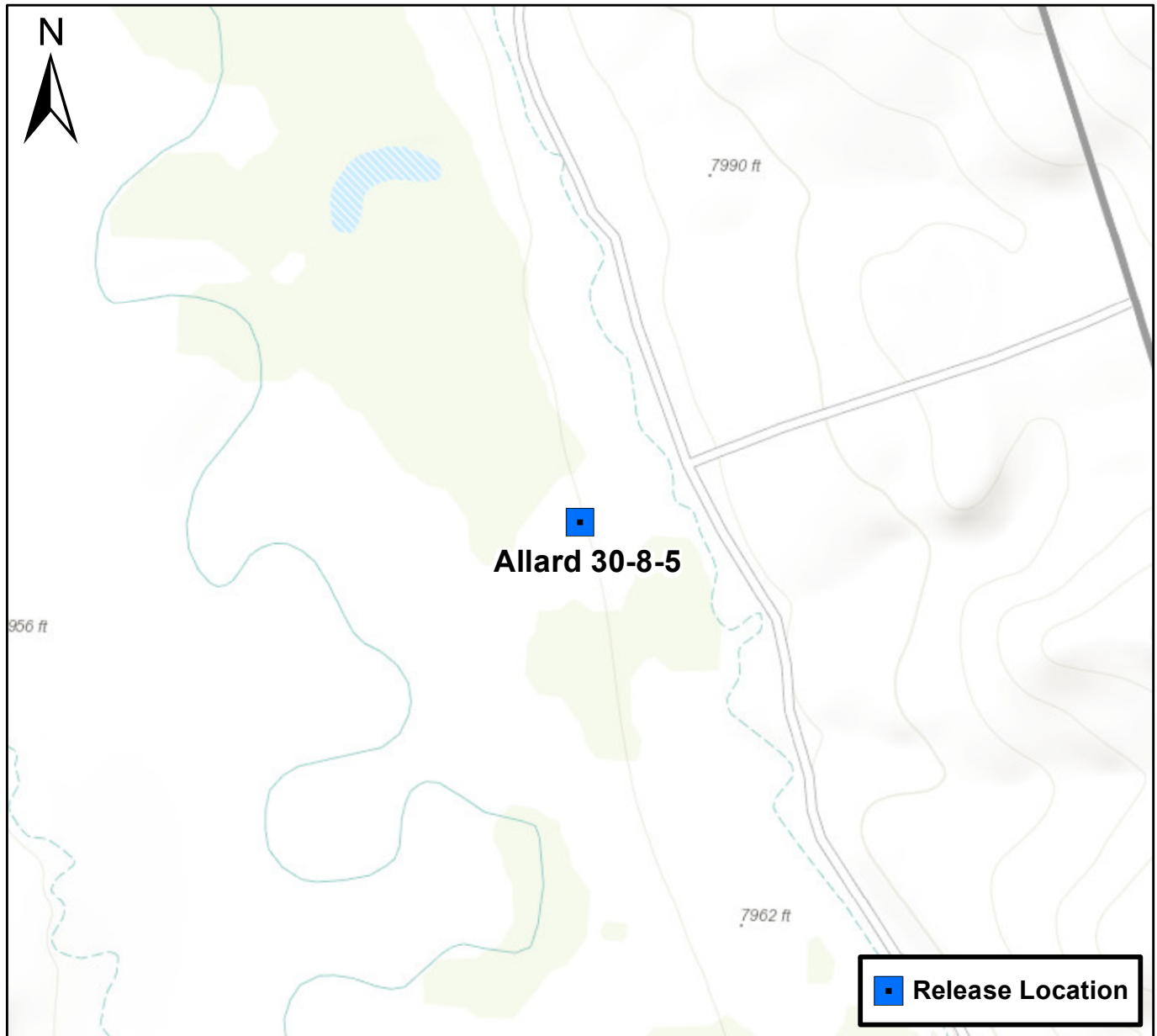
| Location Identification | Sample Date | Lab Report | Benzene (µg/l) | Toluene (µg/l) | Ethylbenzene (µg/l) | Total Xylenes (µg/l) | 1,2,4-Trimethylbenzene (µg/l) | 1,3,5-Trimethylbenzene (µg/l) | Naphthalene (µg/l) | Total Dissolved Solids (mg/l) | Chloride (mg/l) | Sulfate (mg/l) | Comments |
|--|-------------|------------|----------------|----------------|---------------------|----------------------|-------------------------------|-------------------------------|--------------------|-------------------------------|--|--|--|
| COGCC Standards (µg/L) ⁽¹⁾ | | | 5 | 560 | 700 | 1,400 | 67 | 67 | 140 | <1.25 x local background | (250 mg/l or <1.25 x local background) | (250 mg/l or <1.25 x local background) | |
| Allard South (Former Battery and Treater Area) | | | | | | | | | | | | | |
| MW01 | 5/20/2021 | 2105346 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 727 | 64.2 | 134 | |
| MW01 | 8/24/2021 | 2108336 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW01 | 11/16/2021 | 2111297 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW01 | 2/18/2022 | 2202254 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW01 | 5/13/2022 | 2205220 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 1,300 | 58.2 | 136 | |
| MW01 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW02 | 5/20/2021 | 2105346 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 342 | 15.2 | 84.0 | Upgradient background well |
| MW02 | 8/24/2021 | 2108336 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | Upgradient background well |
| MW02 | 11/16/2021 | 2111297 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | Upgradient background well |
| MW02 | 2/18/2022 | 2202254 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | Upgradient background well |
| MW02 | 5/13/2022 | 2205220 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 323 | 4.70 | 43.1 | Upgradient background well |
| MW02 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW03 | 5/20/2021 | 2105346 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 317 | 14.4 | 107 | |
| MW03 | 8/24/2021 | 2108336 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW03 | 11/16/2021 | 2111297 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW03 | 2/18/2022 | 2202254 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW03 | 5/13/2022 | 2205220 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 354 | 8.88 | 21.0 | |
| MW03 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW04 | 5/20/2021 | 2105346 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | 3.8 | <1.0 | 346 | 10.2 | 83.4 | |
| MW04 | 8/24/2021 | NA | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | Not Sampled - Dry |
| MW04 | 11/16/2021 | NA | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | Not Sampled - Dry |
| MW04 | 2/18/2022 | NA | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | Not Sampled - Dry |
| MW04 | 5/13/2022 | 2205220 | 1.7 | <1.0 | <1.0 | 33 | 31 | 6.5 | 26 | NS | NS | NS | Insufficient Water Column for Inorganics |
| MW04 | 11/9/2022 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | Not Sampled - Dry |
| MW05 | 5/20/2021 | 2105346 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 317 | 21.6 | 67.8 | |
| MW05 | 8/24/2021 | 2108336 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW05 | 11/16/2021 | 2111297 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW05 | 2/18/2022 | 2202254 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW05 | 5/13/2022 | 2205220 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 368 | 5.86 | 49.9 | |
| MW05 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| SW01 | 5/20/2021 | 2105347 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | Surface water sample |
| SW01 | 5/13/2022 | 2205220 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 246 | 4.01 | 35.2 | Surface water sample |
| Allard North (Former Well Jack Area) | | | | | | | | | | | | | |
| MW06 | 5/20/2021 | 2105346 | 1.5 | <1.0 | <1.0 | 27.0 | 7.1 | 25.0 | 3.7 | 278 | 20.2 | 71.8 | |
| MW06 | 8/24/2021 | 2108336 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW06 | 11/16/2021 | 2111297 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW06 | 2/18/2022 | 2202254 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW06 | 5/13/2022 | 2205220 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 255 | 3.63 | 25.7 | |
| MW06 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW07 | 5/20/2021 | 2105346 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 408 | 2.00 | 208 | |
| MW07 | 8/24/2021 | 2108336 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW07 | 11/16/2021 | 2111297 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW07 | 2/18/2022 | 2202254 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW07 | 5/13/2022 | 2205220 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 285 | 4.27 | 29.1 | |
| MW07 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW08 | 5/20/2021 | 2105346 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 206 | 19.0 | 60.4 | |
| MW08 | 8/24/2021 | 2108336 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW08 | 11/16/2021 | 2111297 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW08 | 2/18/2022 | 2202254 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW08 | 5/13/2022 | 2205220 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 526 | 18.6 | 39.0 | |
| MW08 | 11/9/2022 | 2211176 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | |
| MW09 | 5/20/2021 | 2105346 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 308 | 18.6 | 117 | Upgradient background well |
| MW09 | 8/24/2021 | 2108336 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | Upgradient background well |
| MW09 | 11/16/2021 | 2111297 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | NS | NS | NS | Upgradient background well |
| MW09 | 2/18/2022 | NA | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | Not sampled - well damaged |
| MW09 | 5/13/2022 | NA | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | Not sampled - well damaged |
| MW09 | 11/9/2022 | NA | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | Not sampled - well abandoned |
| SW02 | 5/13/2022 | 2205220 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 280 | 5.89 | 60.3 | Surface water sample |

Notes:

1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) standards for contaminants in groundwater according to Table 915-1 of the COGCC 900 Series Rule for E&P Waste Management.

2). Standards are taken from the Colorado Department of Public Health and Environment - Water Quality Control Commission, 5 CCR 1002-41, Table A - Groundwater Organic Chemical Standards.

Bold values indicate an exceedance of the COGCC groundwater standards for the Site.



0 750 1,500 Feet

Figure 1

Site Location Map
Allard 30-8-5
SENE S30 T10N R79W
Jackson County, Colorado





| | |
|--------------|-------------|
| DATE: | March 2022 |
| DESIGNED BY: | B. Humphrey |
| DRAWN BY: | J. Clonts |

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

Foundation Energy Inc.
Allard 30-8-5
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Site Overview Map

Figure
2



| | |
|--------------|---------------|
| DATE: | December 2022 |
| DESIGNED BY: | J. Watts |
| DRAWN BY: | L. Reed |

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

Foundation Energy Inc.
Allard 30-8-5 South
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Groundwater Elevation
Contour Map
(November 9, 2022)

Figure
3



| | |
|--------------|---------------|
| DATE: | December 2022 |
| DESIGNED BY: | J. Watts |
| DRAWN BY: | L. Reed |



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

Foundation Energy Inc.
Allard 30-8-5 North
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Groundwater Elevation
Contour Map
(November 9, 2022)

Figure
4



DATE:
December 2022

DESIGNED BY:
J. Watts

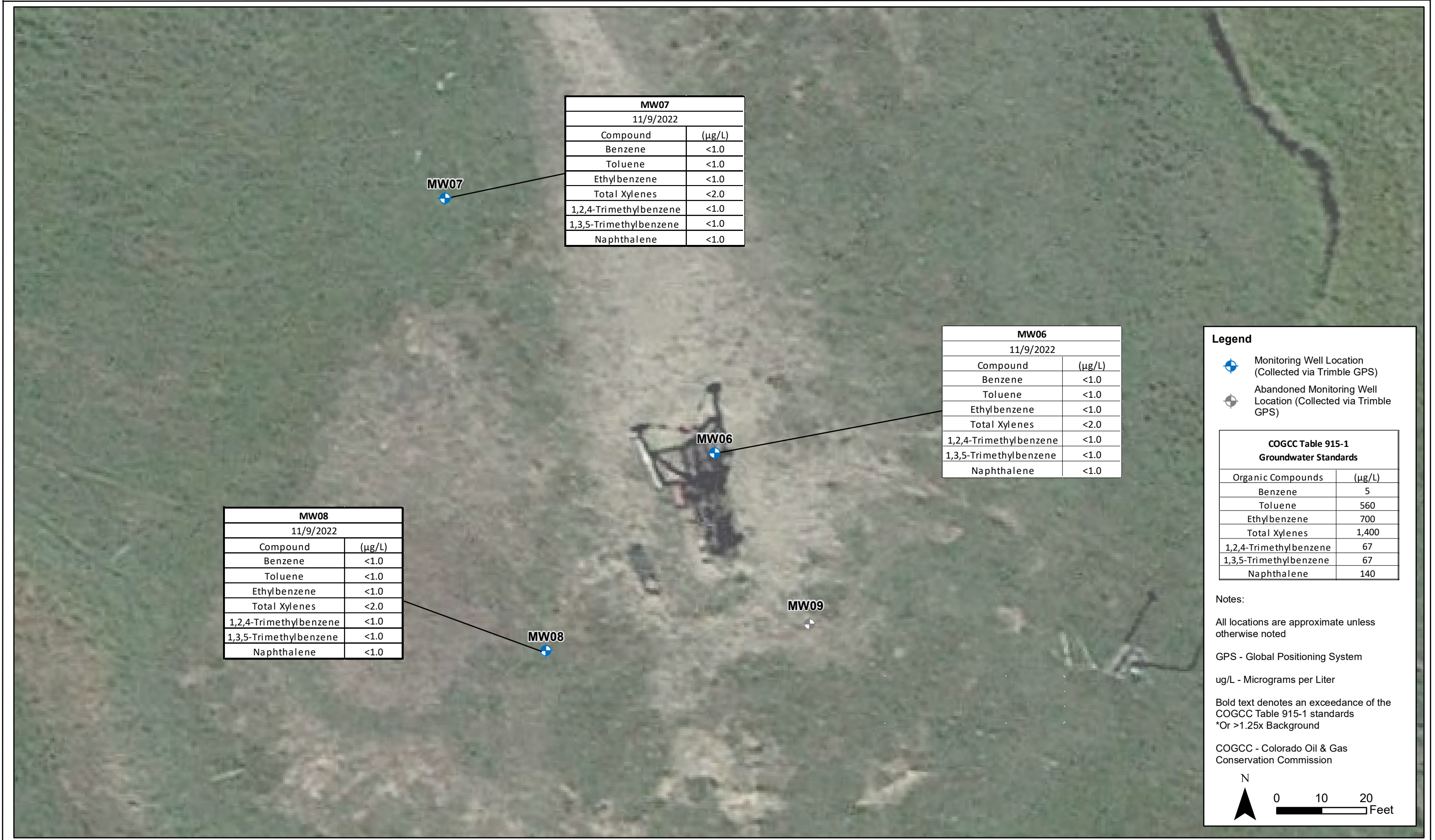
DRAWN BY:
L. Reed

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

Foundation Energy Inc.
Allard 30-8-5 South
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Groundwater Analytical
Results Map
(November 9, 2022)

Figure
5



| | |
|--------------|---------------|
| DATE: | December 2022 |
| DESIGNED BY: | J. Watts |
| DRAWN BY: | L. Reed |



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

Foundation Energy Inc.
Allard 30-8-5 North
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Groundwater Analytical
Results Map
(November 9, 2022)

Figure
6

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 15, 2022

Alyssa Beard
Foundation Energy
1801 Broadway, Suite 1500
Denver, CO 80202
RE: Allard 30-8-5
Work Order #2211176

Enclosed are the results of analyses for samples received by Summit Scientific on 11/09/22 17:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Mikayla Axtell".

Mikayla Axtell For Paul Shrewsbury
President



Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
11/15/22 13:59

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW01 | 2211176-01 | Water | 11/09/22 11:19 | 11/09/22 17:15 |
| MW02 | 2211176-02 | Water | 11/09/22 11:17 | 11/09/22 17:15 |
| MW03 | 2211176-03 | Water | 11/09/22 11:33 | 11/09/22 17:15 |
| MW05 | 2211176-04 | Water | 11/09/22 11:35 | 11/09/22 17:15 |
| MW06 | 2211176-05 | Water | 11/09/22 11:57 | 11/09/22 17:15 |
| MW07 | 2211176-06 | Water | 11/09/22 12:02 | 11/09/22 17:15 |
| MW08 | 2211176-07 | Water | 11/09/22 11:54 | 11/09/22 17:15 |

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.

Summit Scientific

S₂

2211176

4653 Table Mountain Drive ♦ Golden, Colorado 80403

303-277-9310

Page 1 of 1

Client: Foundation Energy / Tasman Geoscience

Project Manager: Alyssa Beand / Job Watts

Address: 6855 W. 119th Ave

E-Mail: jwatts@tasman-geo.com; vscruggs@tasman-geo.com

City/State/Zip: Broomfield CO 800

ABeand@foundationenergy.com

Phone: (303) 520-0298

Project Name: Allard 30-8-S

Sampler Name: C. Girardi, T. Galloway

Project Number: -

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | | Analysis Requested | | | | | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|-------|--------------------|----------|--|--|--|--|--|--|----------------------|
| | | | | | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | Tablet 415-1 | Organics | | | | | | | |
| 1 | MW01 | 11/9/22 | 1119 | 3 | | | X | | X | | | | | X | | | | | | | |
| 2 | MW02 | | 1117 | | | | X | | X | | | | | X | | | | | | | |
| 3 | MW03 | | 1133 | | | | X | | X | | | | | X | | | | | | | |
| 4 | MW05 | | 1135 | | | | X | | X | | | | | X | | | | | | | |
| 5 | MW06 | | 1157 | | | | X | | X | | | | | X | | | | | | | |
| 6 | MW07 | | 1202 | | | | X | | X | | | | | X | | | | | | | |
| 7 | MW08 | | 1154 | | | | X | | X | | | | | X | | | | | | | |
| 8 | | | | | | | X | | X | | | | | X | | | | | | | |
| 9 | | | | | | | X | | X | | | | | X | | | | | | | |
| 10 | | | | | | | X | | X | | | | | X | | | | | | | |

Relinquished by: Chris Girardi Date/Time: 11/9/22 1614

Relinquished by: Tasman Lab Box Date/Time: 11/9/22 1715

Temperature Upon Receipt: 8.0

IR gun correction: 0

Received by: Tasman Lab Box Date/Time: 11/9/22 1614

Received by: [Signature] Date/Time: 11/9/22 1715

Corrected Temperature: 0

IR gun #: 1

Turn Around Time (Check)

Same Day 72 hours

24 hours Standard X

48 hours

Sample Integrity:

Samples Intact: Yes No

Notes:

S₂

Sample Receipt Checklist

S2 Work Order# 221176Client: Foundation/Tasman Client Project ID: Allard 30-8-SShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: ☐

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

Matrix (Check all that apply) Air ☐ Soil/Solid ☐ Water ☒ Other ☐Temp (°C) 8.0Thermometer # 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>on ICE</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 type="checkbox"/> | <input checked="" 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 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.

Custodian Printed Name

Date/Time

11-9-22 1715



Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
11/15/22 13:59

MW01
2211176-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/09/22 11:19**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BFK0317 | 11/11/22 | 11/14/22 | 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: **11/09/22 11:19**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 59.6 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 89.6 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 73.7 % | 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.



Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
11/15/22 13:59

MW02
2211176-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/09/22 11:17**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BFK0317 | 11/11/22 | 11/14/22 | 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: **11/09/22 11:17**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 60.5 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 89.3 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 74.9 % | 21-167 | | " | " | " | " | |

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
11/15/22 13:59

MW03
2211176-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/09/22 11:33**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BFK0317 | 11/11/22 | 11/14/22 | 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: **11/09/22 11:33**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 58.4 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 90.8 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 83.3 % | 21-167 | | " | " | " | " | |

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
11/15/22 13:59

MW05
2211176-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/09/22 11:35**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BFK0317 | 11/11/22 | 11/15/22 | 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: **11/09/22 11:35**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 59.6 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 87.5 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 74.8 % | 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.



Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
11/15/22 13:59

MW06
2211176-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/09/22 11:57**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BFK0317 | 11/11/22 | 11/15/22 | 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: **11/09/22 11:57**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 59.9 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 88.9 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 74.3 % | 21-167 | | " | " | " | " | |

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
11/15/22 13:59

MW07
2211176-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/09/22 12:02**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BFK0317 | 11/11/22 | 11/15/22 | 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: **11/09/22 12:02**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 60.6 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 87.4 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 71.9 % | 21-167 | | " | " | " | " | |

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
11/15/22 13:59

MW08
2211176-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **11/09/22 11:54**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BFK0317 | 11/11/22 | 11/15/22 | 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: **11/09/22 11:54**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 60.2 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 88.7 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 69.8 % | 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.



Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
11/15/22 13:59

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 BFK0317 - EPA 5030 Water MS

Blank (BFK0317-BLK1)

Prepared: 11/11/22 Analyzed: 11/14/22

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| 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 | 8.00 | | " | 13.3 | | 60.0 | 23-173 | | | |
| Surrogate: Toluene-d8 | 12.0 | | " | 13.3 | | 89.7 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 9.93 | | " | 13.3 | | 74.5 | 21-167 | | | |

LCS (BFK0317-BS1)

Prepared: 11/11/22 Analyzed: 11/14/22

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| Benzene | 40.7 | 1.0 | ug/l | 33.3 | | 122 | 51-132 | | | |
| Toluene | 40.6 | 1.0 | " | 33.3 | | 122 | 51-138 | | | |
| Ethylbenzene | 43.1 | 1.0 | " | 33.3 | | 129 | 58-146 | | | |
| m,p-Xylene | 88.3 | 2.0 | " | 66.7 | | 132 | 57-144 | | | |
| o-Xylene | 44.4 | 1.0 | " | 33.3 | | 133 | 53-146 | | | |
| Naphthalene | 23.9 | 1.0 | " | 33.3 | | 71.6 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 39.2 | 1.0 | " | 33.3 | | 117 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 42.7 | 1.0 | " | 33.3 | | 128 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 8.03 | | " | 13.3 | | 60.2 | 23-173 | | | |
| Surrogate: Toluene-d8 | 12.2 | | " | 13.3 | | 91.2 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 10.8 | | " | 13.3 | | 80.6 | 21-167 | | | |

Matrix Spike (BFK0317-MS1)

Source: 2211176-01

Prepared: 11/11/22 Analyzed: 11/14/22

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|----|------|--------|--|--|--|
| Benzene | 40.4 | 1.0 | ug/l | 33.3 | ND | 121 | 34-141 | | | |
| Toluene | 40.2 | 1.0 | " | 33.3 | ND | 121 | 27-151 | | | |
| Ethylbenzene | 42.5 | 1.0 | " | 33.3 | ND | 127 | 29-160 | | | |
| m,p-Xylene | 88.5 | 2.0 | " | 66.7 | ND | 133 | 20-166 | | | |
| o-Xylene | 44.4 | 1.0 | " | 33.3 | ND | 133 | 33-159 | | | |
| Naphthalene | 28.9 | 1.0 | " | 33.3 | ND | 86.6 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 39.5 | 1.0 | " | 33.3 | ND | 119 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 42.9 | 1.0 | " | 33.3 | ND | 129 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 8.16 | | " | 13.3 | | 61.2 | 23-173 | | | |
| Surrogate: Toluene-d8 | 12.1 | | " | 13.3 | | 90.8 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 10.6 | | " | 13.3 | | 79.7 | 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.



Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
11/15/22 13:59

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 BFK0317 - EPA 5030 Water MS

| Matrix Spike Dup (BFK0317-MSD1) | Source: 2211176-01 | | | Prepared: 11/11/22 Analyzed: 11/14/22 | | | | | | |
|----------------------------------|--------------------|-----|------|---------------------------------------|----|------|--------|--------|----|--|
| Benzene | 40.8 | 1.0 | ug/l | 33.3 | ND | 122 | 34-141 | 0.739 | 30 | |
| Toluene | 40.6 | 1.0 | " | 33.3 | ND | 122 | 27-151 | 1.09 | 30 | |
| Ethylbenzene | 42.9 | 1.0 | " | 33.3 | ND | 129 | 29-160 | 0.890 | 30 | |
| m,p-Xylene | 88.5 | 2.0 | " | 66.7 | ND | 133 | 20-166 | 0.00 | 30 | |
| o-Xylene | 44.4 | 1.0 | " | 33.3 | ND | 133 | 33-159 | 0.0902 | 30 | |
| Naphthalene | 29.9 | 1.0 | " | 33.3 | ND | 89.6 | 70-130 | 3.47 | 30 | |
| 1,2,4-Trimethylbenzene | 39.3 | 1.0 | " | 33.3 | ND | 118 | 70-130 | 0.558 | 30 | |
| 1,3,5-Trimethylbenzene | 43.1 | 1.0 | " | 33.3 | ND | 129 | 70-130 | 0.558 | 30 | |
| Surrogate: 1,2-Dichloroethane-d4 | 8.13 | | " | 13.3 | | 61.0 | 23-173 | | | |
| Surrogate: Toluene-d8 | 12.2 | | " | 13.3 | | 91.2 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 10.8 | | " | 13.3 | | 80.9 | 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.



Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
11/15/22 13:59

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 |