

**DCP CR17 & CR34 RELEASE
FORM 19-S 90-DAY CLOSURE REQUEST**

ATTACHMENTS

Tables

- | | |
|---|--|
| 1 | VOC Soil Analytical Results: March 21 – 28, 2022 |
| 2 | PAH Soil Analytical Results: March 21 – 28, 2022 |
| 3 | Site-Specific Sampling and Analysis Plan |
| 4 | Investigation Location Coordinates |

Figures

- | | |
|---|--|
| 1 | Site Location Map |
| 2 | Site Overview Map |
| 3 | VOC Soil Analytical Results Map: March 21 – 28, 2022 |

Appendices

- | | |
|---|---|
| A | Laboratory Analytical Reports |
| - | Summit Scientific Job #: 2203341 (Soil) |
| - | Summit Scientific Job #: 2203358 (Soil) |
| - | Summit Scientific Job #: 2203386 (Soil) |
| - | Summit Scientific Job #: 2203389 (Soil) |
| - | Summit Scientific Job #: 2203410 (Soil) |
| - | Summit Scientific Job #: 2203462 (Soil) |
| B | Photographic Documentation Log |
| C | Soil Disposal Waste Manifests and Tickets |

Table 1
DCP - CR 17 and CR 34
Volatiles Organic Compound Soil Sample Results
(March 21 - 28, 2022)
Weld County, Colorado

Sample ID	Date Sampled	Lab Report	PID Reading (PPM)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Naphthalene (mg/kg)	TPH (mg/kg) ²	Comments
COGCC Protection of Groundwater Soil Screening Level Standards Risk & MCL Based (1 & 2) (mg/kg)				0.0026 (M)	0.69 (M)	0.78 (M)	9.9 (M)	0.0081 (R)	0.0087 (R)	0.0038 (R)	500	
COGCC Residential Soil Screening Level Standards (mg/kg)⁽³⁾	-	-	-	1.2	490	5.8	58	30	27	2	500	Applicable site standard in absence of groundwater.
Source@4'	3/21/2022	2203341	843.7	1.2	2.9	1.2	6.9	1.6	0.95	0.52	1,740	Source Sample; over excavated
SourceEWall5@9'	3/23/2022	2203386	13.6	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
SourceSWall5@9'	3/23/2022	2203386	13.0	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	62	
SourceNWall4@9'	3/22/2022	2203358	4.7	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
SourceWWall@9'	3/22/2022	2203358	10.2	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base@12'	3/21/2022	2203341	10.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall25N@1'	3/21/2022	2203341	24.2	0.054	0.051	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall25N@1'	3/21/2022	2203341	7.8	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base25N@2'	3/21/2022	2203341	32.6	0.013	0.013	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall38N@1'	3/21/2022	2203341	29.0	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall38N@1'	3/21/2022	2203341	29.0	0.03	0.061	0.0075	0.087	0.039	<0.0050	<0.0038	1.4	
Base38N@3'	3/21/2022	2203341	35.4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall62N@8'	3/21/2022	2203341	3.2	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall62N@2'	3/21/2022	2203341	21.8	0.035	0.034	<0.0050	0.011	<0.0050	<0.0050	<0.0038	89	
WWall62N@8'	3/21/2022	2203341	3.4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base62N@10'	3/21/2022	2203341	5.7	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall87N@1'	3/21/2022	2203341	2.5	0.023	0.12	0.021	0.16	0.062	0.0099	0.0079	5.7	
WWall87N@1'	3/21/2022	2203341	29.4	0.012	0.013	<0.0050	0.031	0.045	<0.0050	0.012	2.7	
Base87N@2'	3/21/2022	2203341	37.8	0.15	0.22	0.021	0.15	0.025	<0.0050	<0.0038	1.2	
EWall112N@1'	3/21/2022	2203341	10.4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	0.72	
WWall112N@2'	3/21/2022	2203341	4.1	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base112N@4'	3/21/2022	2203341	3.4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall137N@1'	3/21/2022	2203341	8.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall137N@1'	3/21/2022	2203341	3.4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	160	
Base137N@2'	3/21/2022	2203341	86.4	0.0092	0.0055	<0.0050	0.022	0.018	<0.0050	<0.0038	<50	
NWall166N@7'	3/23/2022	2203386	0.5	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
SWall166N@7'	3/23/2022	2203386	0.8	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall166N@5'	3/21/2022	2203341	5.7	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	0.81	
WWall166N@5'	3/21/2022	2203341	4.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base166N@7'	3/21/2022	2203341	21.0	0.012	0.10	0.049	0.41	0.26	0.07	0.044	10	Over excavated
Base166N@10'	3/22/2022	2203358	9.8	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall191N2@4'	3/23/2022	2203386	14.0	0.0078	0.015	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	Over excavated
EWall191N3@4'	3/24/2022	2203410	1.3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall191N2@4'	3/23/2022	2203386	19.1	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base191N@5'	3/22/2022	2203358	9.2	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall216N@5'	3/22/2022	2203358	7.9	0.016	0.052	0.0084	0.099	0.066	0.0091	0.013	60.7	Over excavated
EWall216N@5'	3/23/2022	2203389	3.6	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall216N@4'	3/24/2022	2203410	1.6	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base216N2@5'	3/23/2022	2203386	5.7	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall241N@5'	3/24/2022	2203410	2.0	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall241N2@4'	3/23/2022	2203386	2.8	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall241N@5'	3/24/2022	2203410	1.2	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base241N@7'	3/24/2022	2203410	1.2	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall266N@4'	3/24/2022	2203410	8.8	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall266N@5'	3/24/2022	2203410	10.5	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base266N@7'	3/24/2022	2203410	0.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
SWall275N@7'	3/24/2022	2203410	2.7	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall291N@8'	3/24/2022	2203410	0.6	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall291N@8'	3/24/2022	2203410	3.8	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base291N@10.5'	3/24/2022	2203410	2.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
NWall296N@7'	3/24/2022	2203410	4.6	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall317N@4'	3/24/2022	2203410	13.4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall317N@4'	3/24/2022	2203410	5.6	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base317N@7'	3/24/2022	2203410	1.3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall342N@4'	3/24/2022	2203410	6.8	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall342N@4'	3/24/2022	2203410	3.7	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall342N2@4'	3/23/2022	2203386	1.0	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base342N@7'	3/24/2022	2203410	15.8	0.26	3.7	1.2	9.2	3.3	0.94	0.42	330	Over excavated
Base342N@8'	3/28/2022	2203462	0.4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
EWall367N@4'	3/24/2022	2203410	29.0	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
WWall367N@7'	3/24/2022	2203410	3.5	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Base367N2@6'	3/23/2022	2203386	131.1	0.030	0.078	0.0065	0.058	0.011	<0.0050	<0.0038	0.63	Over excavated
Base367N@7'	3/24/2022	2203410	5.1	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	

Notes:

1). The environmental cleanup standards for soil that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) standards for contaminants in soil according to and Table 915-1 (Post January 15, 2021) of the COGCC 900 Series Rule for E&P Waste Management.

2). Standards for Soil are referenced from the 2 CCR 404-1, Table 915-1, effective January 15, 2021. If there is no pathway for communication with Groundwater, then residential soil screening levels apply for organic compounds and metals. If the Director determines that a pathway to Groundwater exists, then the protection of Groundwater soil screening levels will apply, secondary to actual measured concentrations of the contaminants of concern in Groundwater.

3). The letter "(R)" following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter "(M)" following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.

Table 1
DCP - CR 17 and CR 34
Volatile Organic Compound Soil Sample Results
(March 21 - 28, 2022)
Weld County, Colorado

4). TPH - Total volatile ($C_6 - C_{10}$) and extractable ($C_{10} - C_{28}$) petroleum hydrocarbons.

* Select screening samples presented to fill potential data gaps; the depth with the highest PID at each location is reported.

Concentrations (mg/kg) Risk Based and MCL Based.

mg/kg= Milligrams per kilogram.

ppm - Parts per million

Bold values indicate an exceedance of COGCC Groundwater Protection soil standards.

Bold red values indicate an exceedance of COGCC Residential soil standards.

Table 915 note - If the method detection limit ("MDL") or practical quantitation limit ("PQL") for a pollutant is higher (less stringent) than a threshold concentration listed in Table 915-1, the Director may allow an Operator to substitute the MDL or PQL for the concentration listed in Table 915-1.

Table 2
DCP - CR 17 and CR 34
Polyaromatic Hydrocarbon (PAHs) Soil Sample Results
(March 21 - 28, 2022)
Weld County, Colorado

Sample ID	Date Sampled	Lab Report	PID Reading (PPM)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Benzo(a)pyrene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	1-methylnaphthalene (mg/kg)	2-methylnaphthalene (mg/kg)	Pyrene (mg/kg)	Comments
COGCC Protection of Groundwater Soil Screening Level Standards Risk & MCL Based ^(1 & 2) (mg/kg)	-	-	-	0.55 (R)	5.8 (R)	0.011 (R)	0.3 (R)	2.9 (R)	0.24 (M)	9 (R)	0.096 (R)	8.9 (R)	0.54 (R)	0.98 (R)	0.006 (R)	0.019 (R)	1.3 (R)	
COGCC Residential Soil Screening Level Standards (mg/kg) ⁽³⁾	-	-	-	360	1800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	180	Applicable site standard in absence of groundwater.
Source@4'	3/21/2022	2203341	843.7	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0131	<0.00500	<0.00500	0.044	<0.00500	0.372	0.457	<0.00500	Source Sample; over excavated
SourceEWall5@9'	3/23/2022	2203386	13.6	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
SourceSWall5@9'	3/23/2022	2203386	13.0	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
SourceNWall4@9'	3/22/2022	2203358	4.7	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
SourceWWall@9'	3/22/2022	2203358	10.2	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base@12'	3/21/2022	2203341	10.9	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall25N@1'	3/21/2022	2203341	24.2	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall25N@1'	3/21/2022	2203341	7.8	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base25N@2'	3/21/2022	2203341	32.6	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall38N@1'	3/21/2022	2203341	29.0	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall38N@1'	3/21/2022	2203341	29.0	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base38N@3'	3/21/2022	2203341	35.4	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall62N@8'	3/21/2022	2203341	3.2	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall62N@2'	3/21/2022	2203341	21.8	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall62N@8'	3/21/2022	2203341	3.4	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base62N@10'	3/21/2022	2203341	5.7	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall87N@1'	3/21/2022	2203341	2.5	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall87N@1'	3/21/2022	2203341	29.4	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base87N@2'	3/21/2022	2203341	37.8	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall112N@1'	3/21/2022	2203341	10.4	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall112N@2'	3/21/2022	2203341	4.1	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base112N@4'	3/21/2022	2203341	3.4	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall137N@1'	3/21/2022	2203341	8.9	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall137N@1'	3/21/2022	2203341	3.4	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base137N@2'	3/21/2022	2203341	86.4	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
NWall166N@7'	3/23/2022	2203386	0.5	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
SWall166N@7'	3/23/2022	2203386	0.8	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall166N@5'	3/21/2022	2203341	5.7	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall166N@5'	3/21/2022	2203341	4.9	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base166N@7'	3/21/2022	2203341	21.0	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	Over excavated
Base166N@10'	3/22/2022	2203358	9.8	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall191N2@4'	3/23/2022	2203386	14.0	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	Over excavated
EWall191N3@4'	3/24/2022	2203410	1.3	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall191N2@4'	3/23/2022	2203386	19.1	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base191N@5'	3/22/2022	2203358	9.2	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall216N@5'	3/22/2022	2203358	7.9	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	0.00778	0.00775	-	Over excavated
EWall216N@5'	3/23/2022	2203389	3.6	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall216N@4'	3/24/2022	2203410	1.6	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base216N@5'	3/23/2022	2203386	5.7	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall241N@5'	3/24/2022	2203410	2.0	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall241N2@4'	3/23/2022	2203386	2.8	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall241N@5'	3/24/2022	2203410	1.2	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base241N@7'	3/24/2022	2203410	1.2	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall266N@4'	3/24/2022	2203410	8.8	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall266N@5'	3/24/2022	2203410	10.5	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base266N@7'	3/24/2022	2203410	0.9	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
SWall275N@7'	3/24/2022	2203410	2.7	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall291N@8'	3/24/2022	2203410	0.6	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall291N@8'	3/24/2022	2203410	3.8	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base291N@10.5'	3/24/2022	2203410	2.9	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
NWall296N@7'	3/24/2022	2203410	4.6	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall317N@4'	3/24/2022	2203410	13.4	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall317N@4'	3/24/2022	2203410	5.6	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base317N@7'	3/24/2022	2203410	1.3	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall342N@4'	3/24/2022	2203410	6.8	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall342N@4'	3/24/2022	2203410	3.7	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall342N2@4'	3/23/2022	2203386	1.0	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base342N@7'	3/24/2022	2203410	15.8	-	-	-	-	-	-	0.0142	-	-	0.0448	-	0.386	0.569	-	Over excavated
Base342N@8'	3/28/2022	2203462	0.4	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
EWall367N@4'	3/24/2022	2203410	29.0	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
WWall367N@7'	3/24/2022	2203410	3.5	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	
Base367N2@6'	3/23/2022	2203386	131.1	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	0.00773	0.00572	-	Over excavated
Base367N@7'	3/24/2022	2203410	5.1	-	-	-	-	-	-	<0.00500	-	-	<0.00500	-	<0.00500	<0.00500	-	

Notes:

1) The environmental cleanup standards for soil that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) standards for contaminants in soil according to and Table 915-1 (Post January 15, 2021) of the COGCC 900 Series Rule for E&P Waste Management.

2) Standards for Soil are referenced from the 2 CCR 404.1, Table 915-1, effective January 15, 2021. If there is no pathway for communication with Groundwater, then residential soil screening levels apply for organic compounds and metals. If the Director determines that a pathway to Groundwater exists, then the protection of Groundwater soil screening levels will apply, secondary to actual measured concentrations of the contaminants of concern in Groundwater.

3) The letter "(R)" following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter "(M)" following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.

Concentrations (mg/kg) Risk Based and MCL Based.

mg/kg= Milligrams per kilogram.

ppm - Parts per million

Bold values indicate an exceedance of COGCC Groundwater Protection soil standards.

Bold red values indicate an exceedance of COGCC Residential soil standards.

Table 915 note - If the method detection limit ("MDL") or practical quantitation limit ("PQL") for a pollutant is higher (less stringent) than a threshold concentration listed in Table 915-1, the Director may allow an Operator to substitute the MDL or PQL for the concentration listed in Table 915-1.

TABLE 3
SITE SPECIFIC SOIL SAMPLING AND ANALYSIS PLAN
DCP MIDSTREAM - CR 17 and CR 34

Site Specific Constituent of Concern for Soil Analysis	Residential Soil Screening Level Concentrations ^(3 & 4)	COGCC Protection of Groundwater Soil Screening Level Standards Risk & MCL Based ^(1 & 2)
Benzene (mg/kg)	1.2	0.0026 (M)
Toluene (mg/kg)	490	0.69 (M)
Ethylbenzene (mg/kg)	5.8	0.78 (M)
Total Xylenes (mg/kg)	58	9.9 (M)
1,2,4 Trimethylbenzene (mg/kg)	30	0.0081 (R)
1,3,5 Trimethylbenzene (mg/kg)	27	0.0087 (R)
TPH (mg/kg)	500	500
Naphthalene	2	0.0038 (R)
Flourene	240	0.54 (R)
Chrysene	110	9 (R)
1-methylnaphthalene (mg/kg)	18	0.006 (R)
2-methylnaphthalene (mg/kg)	24	0.019 (R)

1). Standards for Soil are referenced from the 2 CCR 404-1, Table 915-1, effective January 15, 2021.

2). The letter “(R)” following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter “(M)” following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.

3). If there is no pathway for communication with Groundwater, then residential soil screening levels apply for organic compounds and metals. If the Director determines that a pathway to Groundwater exists, then the protection of Groundwater soil screening levels will apply, secondary to actual measured concentrations of the contaminants of concern in Groundwater.

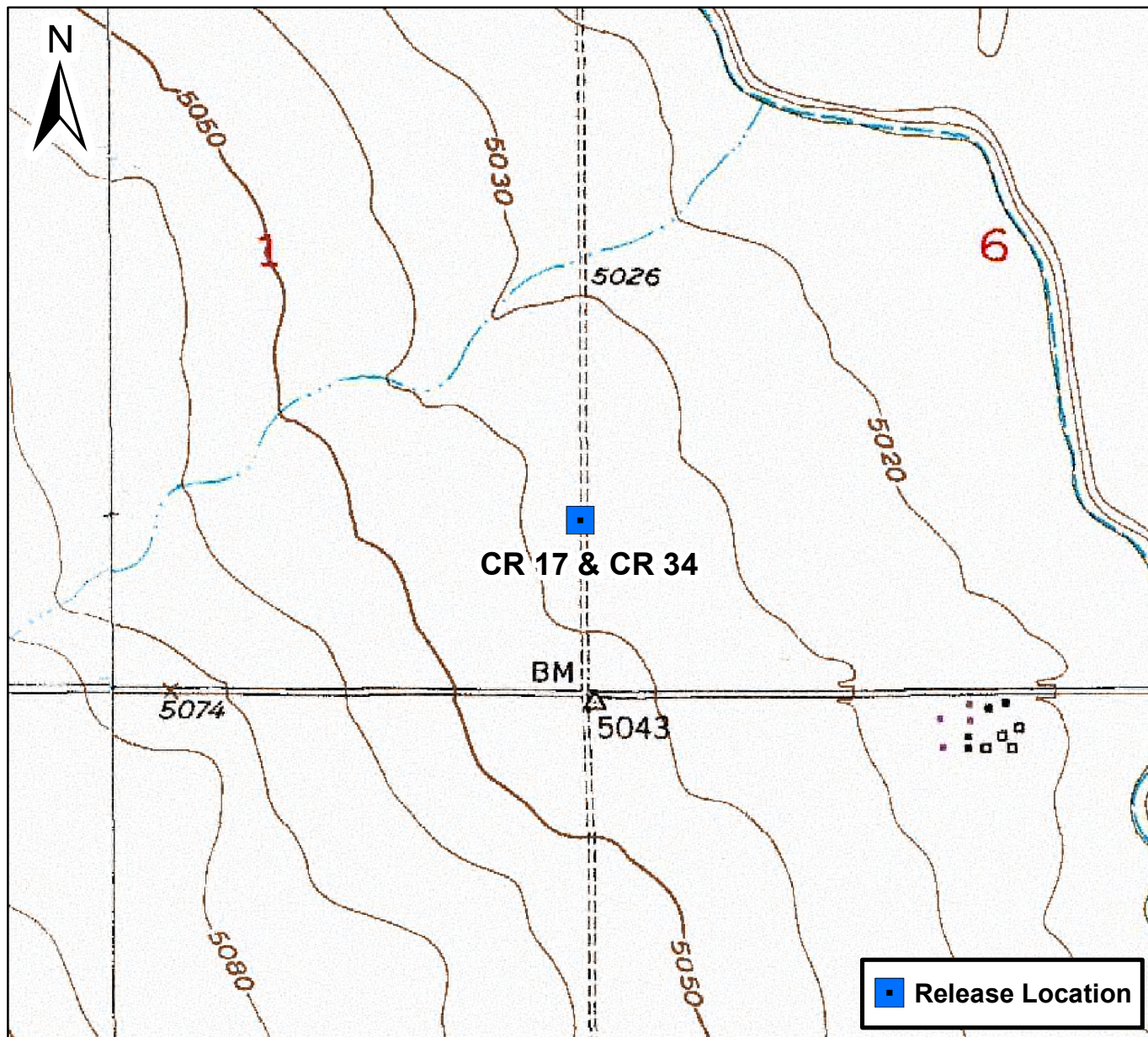
4). The environmental cleanup standards for soil that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) Residential Soil Screening Level Concentrations; Table 915-1 of the COGCC 900 Series Rule for E&P Waste Management.

TPH - Total volatile (C₆ - C₁₀) and extractable (C₁₀ - C₃₆) hydrocarbons

mg/kg= Milligrams per kilogram.

TABLE 4
INVESTIGATION LOCATION COORDINATES
DCP - CR 17 and CR 34
WELD COUNTY, COLORADO

Location	Type	Date Collected	Easting (X)	Northing (Y)	Comments
Source@4'	Soil Sample	3/21/2022	-104.90499763	40.22396719	WGS 1984
SourceEWall5@9'	Soil Sample	3/23/2022	-104.90495585	40.22396638	WGS 1984
SourceSWall5@9'	Soil Sample	3/23/2022	-104.90499520	40.22393839	WGS 1984
SourceNWall4@9'	Soil Sample	3/22/2022	-104.90499823	40.22399739	WGS 1984
SourceWWall@9'	Soil Sample	3/22/2022	-104.90503430	40.22396764	WGS 1984
Base@12'	Soil Sample	3/21/2022	-104.90499762	40.22396719	WGS 1984
EWall25N@1'	Soil Sample	3/21/2022	-104.90495468	40.22404206	WGS 1984
WWall25N@1'	Soil Sample	3/21/2022	-104.90503355	40.22404331	WGS 1984
Base25N@2'	Soil Sample	3/21/2022	-104.90499994	40.22404303	WGS 1984
EWall38N@1'	Soil Sample	3/21/2022	-104.90495421	40.22407243	WGS 1984
WWall38N@1'	Soil Sample	3/21/2022	-104.90503326	40.22407251	WGS 1984
Base38N@3'	Soil Sample	3/21/2022	-104.90500322	40.22407306	WGS 1984
EWall62N@8'	Soil Sample	3/21/2022	-104.90495294	40.22415467	WGS 1984
WWall62N@2'	Soil Sample	3/21/2022	-104.90502793	40.22415534	WGS 1984
WWall62N@8'	Soil Sample	3/21/2022	-104.90503242	40.22415546	WGS 1984
Base62N@10'	Soil Sample	3/21/2022	-104.90500024	40.22415556	WGS 1984
EWall87N@1'	Soil Sample	3/21/2022	-104.90496141	40.22422285	WGS 1984
WWall87N@1'	Soil Sample	3/21/2022	-104.90501722	40.22422364	WGS 1984
Base87N@2'	Soil Sample	3/21/2022	-104.90499697	40.22422291	WGS 1984
EWall112N@1'	Soil Sample	3/21/2022	-104.90495443	40.22430108	WGS 1984
WWall112N@2'	Soil Sample	3/21/2022	-104.90501703	40.22430056	WGS 1984
Base112N@4'	Soil Sample	3/21/2022	-104.90497476	40.22430063	WGS 1984
EWall137N@1'	Soil Sample	3/21/2022	-104.90495677	40.22437221	WGS 1984
WWall137N@1'	Soil Sample	3/21/2022	-104.90502414	40.22435626	WGS 1984
Base137N@2'	Soil Sample	3/21/2022	-104.90498782	40.22436535	WGS 1984
NWall166N@7'	Soil Sample	3/23/2022	-104.90517288	40.22446854	WGS 1984
SWall166N@7'	Soil Sample	3/23/2022	-104.90512335	40.22444051	WGS 1984
EWall166N@5'	Soil Sample	3/21/2022	-104.90513025	40.22446899	WGS 1984
WWall166N@5'	Soil Sample	3/21/2022	-104.90517522	40.22444464	WGS 1984
Base166N@7'	Soil Sample	3/21/2022	-104.90514610	40.22446176	WGS 1984
Base166N@10'	Soil Sample	3/22/2022	-104.90514610	40.22446176	WGS 1984
EWall191N2@4'	Soil Sample	3/23/2022	-104.90518755	40.22451828	WGS 1984
EWall191N3@4'	Soil Sample	3/24/2022	-104.90518449	40.22451979	WGS 1984
WWall191N2@4'	Soil Sample	3/23/2022	-104.90524873	40.22449903	WGS 1984
Base191N@5'	Soil Sample	3/22/2022	-104.90520027	40.22451249	WGS 1984
EWall216N@5'	Soil Sample	3/22/2022	-104.90520783	40.22458228	WGS 1984
EWall216N@5'	Soil Sample	3/23/2022	-104.90520111	40.22458227	WGS 1984
WWall216N@4'	Soil Sample	3/24/2022	-104.90526921	40.22458231	WGS 1984
Base216N2@5'	Soil Sample	3/23/2022	-104.90522020	40.22458228	WGS 1984
EWall241N@5'	Soil Sample	3/24/2022	-104.90520817	40.22465021	WGS 1984



0 1,000 2,000 Feet

Figure 1

Site Location Map
CR17 & CR 34
NESE S17 T3N R67W
Weld County, Colorado





DATE:	April 2022
DESIGNED BY:	B. Humphrey
DRAWN BY:	L. Reed

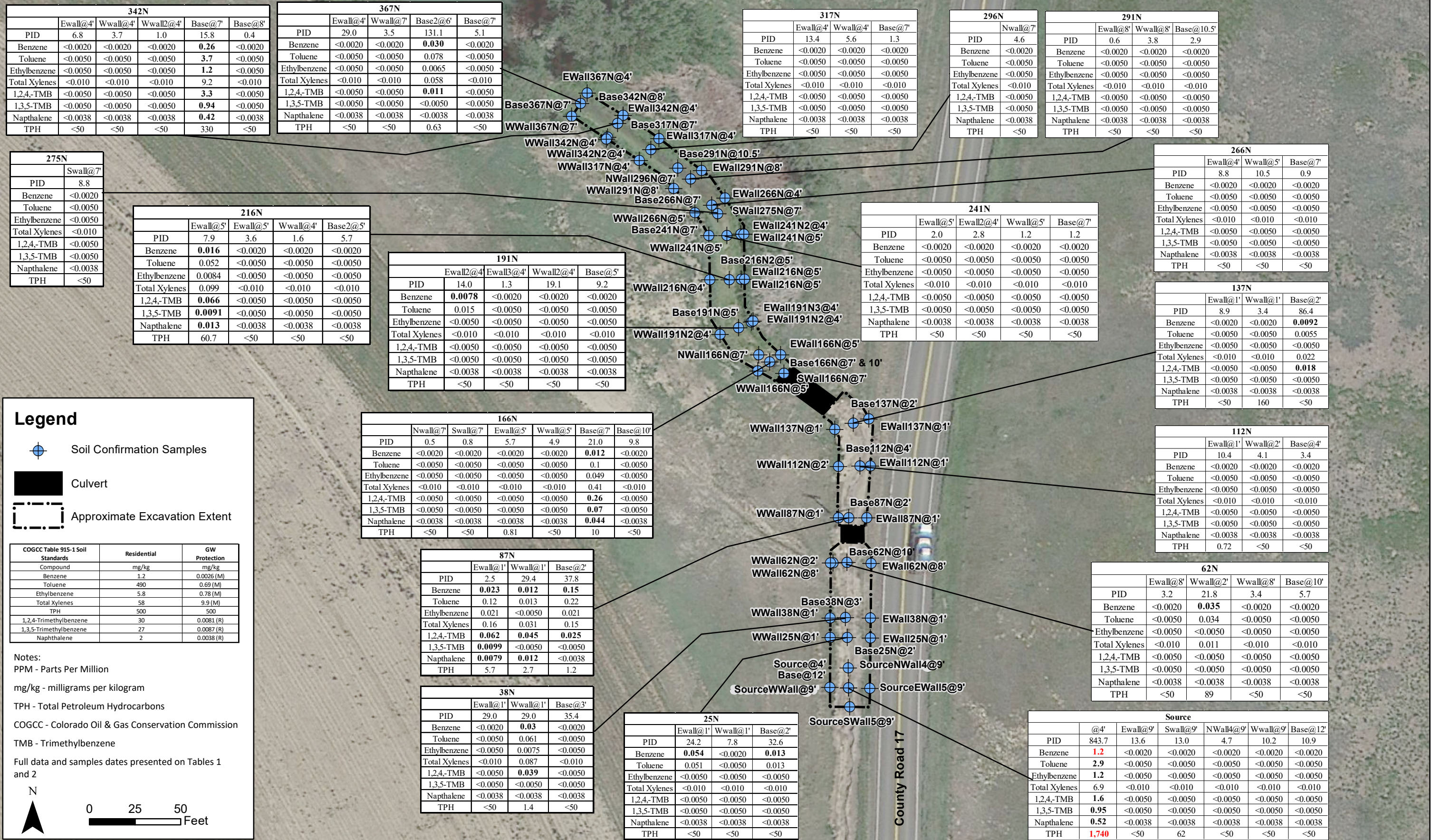


Tasman Geosciences, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Midstream
CR 17 & CR 34
NESE S17 T3N R67W
Weld County, Colorado

Site Overview Map

Figure
2



Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

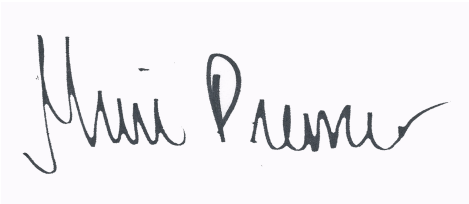
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April 04, 2022

Brian Humphrey
Tasman Geosciences
6855 W. 119th Ave.
Broomfield, CO 80020
RE: DCP - CR 17 & 34

Enclosed are the results of analyses for samples received by Summit Scientific on 03/21/22 17:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is cursive and reads "Muri Premier".

Muri Premier For Paul Shrewsbury
President



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SOURCE@4'	2203341-01	Soil	03/21/22 08:42	03/21/22 17:25
BASE@12'	2203341-02	Soil	03/21/22 10:15	03/21/22 17:25
BASE25N@2'	2203341-03	Soil	03/21/22 10:29	03/21/22 17:25
EWALL25N@1'	2203341-04	Soil	03/21/22 10:35	03/21/22 17:25
WWALL25N@1'	2203341-05	Soil	03/21/22 10:40	03/21/22 17:25
BASE38N@3'	2203341-06	Soil	03/21/22 10:54	03/21/22 17:25
EWALL38N@1'	2203341-07	Soil	03/21/22 10:59	03/21/22 17:25
WWALL38N@1'	2203341-08	Soil	03/21/22 11:03	03/21/22 17:25
WWALL62N@2'	2203341-09	Soil	03/21/22 11:57	03/21/22 17:25
BASE62N@10'	2203341-10	Soil	03/21/22 13:53	03/21/22 17:25
WWALL62N@8'	2203341-11	Soil	03/21/22 13:56	03/21/22 17:25
EWALL62N@8'	2203341-12	Soil	03/21/22 14:01	03/21/22 17:25
BASE87N@2'	2203341-13	Soil	03/21/22 14:07	03/21/22 17:25
WWALL87N@1'	2203341-14	Soil	03/21/22 14:11	03/21/22 17:25
EWALL87N@1'	2203341-15	Soil	03/21/22 14:14	03/21/22 17:25
EWALL112N@1'	2203341-16	Soil	03/21/22 14:18	03/21/22 17:25
BASE112N@4'	2203341-17	Soil	03/21/22 14:35	03/21/22 17:25
WWALL112N@2'	2203341-18	Soil	03/21/22 14:40	03/21/22 17:25
BASE137N@2'	2203341-19	Soil	03/21/22 14:49	03/21/22 17:25
EWALL137N@1'	2203341-20	Soil	03/21/22 14:52	03/21/22 17:25
WWALL137N@1'	2203341-21	Soil	03/21/22 14:54	03/21/22 17:25
BASE166N@7'	2203341-22	Soil	03/21/22 15:47	03/21/22 17:25
EWALL166N@5'	2203341-23	Soil	03/21/22 15:51	03/21/22 17:25
WWALL166N@5'	2203341-24	Soil	03/21/22 15:53	03/21/22 17:25

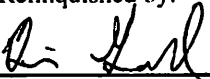
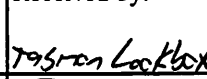
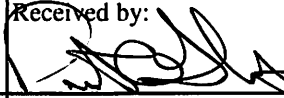
Summit Scientific

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.

2203341.1

Page 1 of 3

Project Manager: Job Watts / Chandler Cole
E-Mail: jwatts@tsman-geo.com / cecole@dcpmidstream.com
Project Name: CR17 + CR34
Project Number: _____

				Preservative				Matrix				Analyze For:									
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	VOC's	TPH	PAH							Special Instructions
Source @ 4'	3/21/22	0842	2			X			X			X	X	X							H = HOLD
Base @ 12'		1015										X	X	H							
Base 25N @ 2'		1029										X	X	H							
EWall 25N @ 1'		1035										X	X	H							
WWall 25N @ 1'		1040										X	X	H							
Base 38N @ 3'		1054										X	X	H							
EWall 38N @ 1'		1059										X	X	H							
WWall 38N @ 1'		1103										X	X	H							
WWall 62N @ 2'		1157										X	X	H							
Base 62N @ 10'		1353										X	X	H							
Relinquished by:  Date/Time: 3/21/22 1725				Received by:  Date/Time: 3/21/22 1725				Turn Around Time (Check) Same Day <input checked="" type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/>										Notes:			
Relinquished by: _____ Date/Time: _____				Received by:  Date/Time: 3/21/22 1725																	
Relinquished by: _____ Date/Time: _____				Received in Lab by: _____ Date/Time: _____				Sample Integrity: Temperature Upon Receipt: 4.8 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													

Summit Scientific

Page 2 of 3

Project Manager: Jeb Watts/ Chandler Colp
E-Mail: jwatts@tanner-geo.com / ccolp@dcpridstream.com
Project Name: CR17 + CR34
Project Number:

www.s2scientific.com

Summit Scientific

Page 3 of 3

Sampler Name: Brian Gabel

Project Number:

www.s2scientific.com

S₂313
Sample Receipt Checklist


S2 Work Order# 2203341

Client: DCP/Tasman Client Project ID: CR7+CR34Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: _____Matrix (check all that apply): ☐ Air ☒ Soil/Solid ☐ Water ☐ Other: _____
(Describe)Temp (°C) 4.8

Thermometer ID: G86A9201901378

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ? NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	On ICE
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"/>	
If custody seals are present, are they intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Same day
Is a chain-of-custody (COC) form present and filled out completely ⁽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"/>	
Is the COC properly relinquished by the client w/ date and time recorded ⁽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.

Custodian Printed Name or Initials

3-21-21
Date/Time



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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

SOURCE@4'

2203341-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 08:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	1.2	0.020	mg/kg	10	BFC0454	03/21/22	03/21/22	EPA 8260B	
Toluene	2.9	0.050	"	"	"	"	"	"	
Ethylbenzene	1.2	0.050	"	"	"	"	"	"	
Xylenes (total)	6.9	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	1.6	0.050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	0.95	0.050	"	"	"	"	"	"	
Naphthalene	0.52	0.0038	"	1	"	"	"	"	
Gasoline Range Hydrocarbons	160	5.0	"	10	"	"	"	"	

Date Sampled: **03/21/22 08:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		94.6 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		89.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		144 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 08:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1400	50	mg/kg	1	BFC0455	03/21/22	03/21/22	EPA 8015M	
C28-C36 (ORO)	180	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 08:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		111 %	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

SOURCE@4'
2203341-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 08:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Acenaphthene	ND	0.00500	mg/kg	1	BFC0456	03/22/22	03/23/22	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	0.0131	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	0.0440	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	0.372	0.0500	"	10	"	"	"	"	
2-Methylnaphthalene	0.457	0.0500	"	"	"	"	"	"	

Date Sampled: **03/21/22 08:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		46.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		77.4 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE@12'
2203341-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/21/22	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: **03/21/22 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		108 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/21/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		89.4 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE@12'
2203341-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		50.9 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		57.2 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE25N@2'
2203341-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 10:29**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.013	0.0020	mg/kg	1	BFC0454	03/21/22	03/21/22	EPA 8260B	
Toluene	0.013	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: **03/21/22 10:29**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		106 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 10:29**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/21/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:29**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		87.8 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE25N@2'
2203341-03 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 10:29**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:29**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		47.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		48.8 %	40-150		"	"	"	"	

Summit Scientific

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

EWALL25N@1'
2203341-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.054	0.0020	mg/kg	1	BFC0454	03/21/22	03/21/22	EPA 8260B	
Toluene	0.051	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: **03/21/22 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/21/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		88.1 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

EWALL25N@1'
2203341-04 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		56.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		52.3 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

WWALL25N@1'
2203341-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/21/22	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: **03/21/22 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		105 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/21/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		98.0 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

WWALL25N@1'
2203341-05 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		44.6 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		42.8 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE38N@3'
2203341-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/21/22	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: **03/21/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		107 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/21/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		88.3 %	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE38N@3'
2203341-06 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		59.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		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.



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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

EWALL38N@1'
2203341-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 10:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/21/22	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: **03/21/22 10:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		115 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 10:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/21/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		87.8 %	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

EWALL38N@1'
2203341-07 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 10:59**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 10:59**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		67.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		67.2 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

WWALL38N@1'
2203341-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 11:03**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.030	0.0020	mg/kg	1	BFC0454	03/21/22	03/21/22	EPA 8260B	
Toluene	0.061	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0075	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.087	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.039	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.4	0.50	"	"	"	"	"	"	

Date Sampled: **03/21/22 11:03**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		106 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 11:03**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 11:03**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		93.4 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

WWALL38N@1'
2203341-08 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 11:03**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 11:03**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		52.9 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		55.3 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

WWALL62N@2'

2203341-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 11:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.035	0.0020	mg/kg	1	BFC0454	03/21/22	03/21/22	EPA 8260B	
Toluene	0.034	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.011	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: **03/21/22 11:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		106 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 11:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	89	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 11:57**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		85.5 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

WWALL62N@2'
2203341-09 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 11:57**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 11:57**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		45.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		45.2 %	40-150		"	"	"	"	

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Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

BASE62N@10'

2203341-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 13:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/21/22	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: **03/21/22 13:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		113 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 13:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 13:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		87.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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Tasman Geosciences
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Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE62N@10'
2203341-10 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 13:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 13:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		50.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		50.4 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

WWALL62N@8'
2203341-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 13:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/21/22	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: **03/21/22 13:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		114 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 13:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 13:56**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		87.3 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

WWALL62N@8'
2203341-11 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 13:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 13:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		41.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		46.8 %	40-150		"	"	"	"	

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Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

EWALL62N@8'
2203341-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 14:01**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	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: **03/21/22 14:01**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		113 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 14:01**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:01**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		90.4 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

EWALL62N@8'
2203341-12 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 14:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		55.2 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		57.3 %	40-150		"	"	"	"	

Summit Scientific

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Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE87N@2'
2203341-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 14:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.15	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	EPA 8260B	
Toluene	0.22	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.021	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.15	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.025	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	50-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		105 %	50-150		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 14:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		91.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE87N@2'
2203341-13 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 14:07**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:07**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		57.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		56.5 %	40-150		"	"	"	"	

Summit Scientific

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

WWALL87N@1'
2203341-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 14:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.012	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	EPA 8260B	
Toluene	0.013	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.031	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.045	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	0.012	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.7	0.50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		105 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 14:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		89.8 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

WWALL87N@1'
2203341-14 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 14:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		46.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		60.7 %	40-150		"	"	"	"	

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

EWALL87N@1'
2203341-15 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 14:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.023	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	EPA 8260B	
Toluene	0.12	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.021	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.16	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.062	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	0.0099	0.0050	"	"	"	"	"	"	
Naphthalene	0.0079	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.7	0.50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		104 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 14:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:14**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.8 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

EWALL87N@1'
2203341-15 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 14:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		48.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		47.7 %	40-150		"	"	"	"	

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Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

EWALL112N@1'
2203341-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 14:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	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	0.72	0.50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		110 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		105 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 14:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:18**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		86.7 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

EWALL112N@1'
2203341-16 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 14:18**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:18**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		57.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		61.1 %	40-150		"	"	"	"	

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Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

BASE112N@4'

2203341-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	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: **03/21/22 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		102 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		88.8 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE112N@4'
2203341-17 (Soil)

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PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		42.6 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		48.3 %	40-150		"	"	"	"	

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Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

WWALL112N@2'
2203341-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	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: **03/21/22 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		88.7 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

WWALL112N@2'
2203341-18 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		59.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		56.4 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE137N@2'
2203341-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 14:49**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.0092	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	EPA 8260B	
Toluene	0.0055	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.022	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.018	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:49**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		104 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 14:49**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:49**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		90.3 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE137N@2'
2203341-19 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 14:49**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:49**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		61.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		61.0 %	40-150		"	"	"	"	

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

EWALL137N@1'
2203341-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 14:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	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: **03/21/22 14:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		107 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 14:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:52**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		91.0 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

EWALL137N@1'
2203341-20 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 14:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0658	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		40.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		41.9 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

WWALL137N@1'
2203341-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 14:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	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: **03/21/22 14:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		112 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 14:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	160	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		90.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

WWALL137N@1'
2203341-21 (Soil)

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PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 14:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0657	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 14:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		51.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		42.6 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE166N@7'
2203341-22 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 15:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.012	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	EPA 8260B	
Toluene	0.10	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.049	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.41	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.26	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	0.070	0.0050	"	"	"	"	"	"	
Naphthalene	0.044	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	10	0.50	"	"	"	"	"	"	

Date Sampled: **03/21/22 15:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 15:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 15:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		88.5 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

BASE166N@7'
2203341-22 (Soil)

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PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 15:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0657	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 15:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		62.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		55.0 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

EWALL166N@5'
2203341-23 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 15:51**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	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	0.81	0.50	"	"	"	"	"	"	

Date Sampled: **03/21/22 15:51**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		108 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 15:51**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 15:51**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		95.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

EWALL166N@5'
2203341-23 (Soil)

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PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 15:51**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0657	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 15:51**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		66.6 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		57.0 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

WWALL166N@5'
2203341-24 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/21/22 15:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0454	03/21/22	03/22/22	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: **03/21/22 15:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		105 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/21/22 15:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0455	03/21/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/21/22 15:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		98.3 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

WWALL166N@5'
2203341-24 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/21/22 15:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0657	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/21/22 15:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		64.9 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		55.6 %	40-150		"	"	"	"	

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Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

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 BFC0454 - EPA 5030 Soil MS

Blank (BFC0454-BLK1)

Prepared: 03/21/22 Analyzed: 03/22/22

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	"							
Surrogate: 1,2-Dichloroethane-d4	0.0429		"	0.0400		107	50-150			
Surrogate: Toluene-d8	0.0392		"	0.0400		98.0	50-150			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.7	50-150			

LCS (BFC0454-BS1)

Prepared: 03/21/22 Analyzed: 03/22/22

Benzene	0.0626	0.0020	mg/kg	0.0750		83.4	70-130			
Toluene	0.0706	0.0050	"	0.0750		94.2	70-130			
Ethylbenzene	0.0757	0.0050	"	0.0750		101	70-130			
m,p-Xylene	0.171	0.010	"	0.150		114	70-130			
o-Xylene	0.0758	0.0050	"	0.0750		101	70-130			
1,2,4-Trimethylbenzene	0.0842	0.0050	"	0.0750		112	70-130			
1,3,5-Trimethylbenzene	0.0824	0.0050	"	0.0750		110	70-130			
Naphthalene	0.0881	0.0038	"	0.0750		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0386		"	0.0400		96.6	50-150			
Surrogate: Toluene-d8	0.0397		"	0.0400		99.2	50-150			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	50-150			

Matrix Spike (BFC0454-MS1)

Source: 2203333-01

Prepared: 03/21/22 Analyzed: 03/22/22

Benzene	0.0600	0.0020	mg/kg	0.0750	ND	80.0	70-130			
Toluene	0.0663	0.0050	"	0.0750	ND	88.4	70-130			
Ethylbenzene	0.0651	0.0050	"	0.0750	ND	86.8	70-130			
m,p-Xylene	0.145	0.010	"	0.150	ND	96.3	70-130			
o-Xylene	0.0668	0.0050	"	0.0750	ND	89.0	70-130			
1,2,4-Trimethylbenzene	0.0745	0.0050	"	0.0750	ND	99.3	70-130			
1,3,5-Trimethylbenzene	0.0713	0.0050	"	0.0750	ND	95.1	70-130			
Naphthalene	0.0906	0.0038	"	0.0750	ND	121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0417		"	0.0400		104	50-150			
Surrogate: Toluene-d8	0.0406		"	0.0400		101	50-150			
Surrogate: 4-Bromofluorobenzene	0.0411		"	0.0400		103	50-150			

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6855 W. 119th Ave.
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Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

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 BFC0454 - EPA 5030 Soil MS

Matrix Spike Dup (BFC0454-MSD1)	Source: 2203333-01			Prepared: 03/21/22 Analyzed: 03/22/22							
Benzene	0.0644	0.0020	mg/kg	0.0750	ND	85.9	70-130	7.19	30		
Toluene	0.0732	0.0050	"	0.0750	ND	97.6	70-130	9.85	30		
Ethylbenzene	0.0753	0.0050	"	0.0750	ND	100	70-130	14.6	30		
m,p-Xylene	0.166	0.010	"	0.150	ND	111	70-130	14.1	30		
o-Xylene	0.0767	0.0050	"	0.0750	ND	102	70-130	13.8	30		
1,2,4-Trimethylbenzene	0.0869	0.0050	"	0.0750	ND	116	70-130	15.5	30		
1,3,5-Trimethylbenzene	0.0838	0.0050	"	0.0750	ND	112	70-130	16.1	30		
Naphthalene	0.0759	0.0038	"	0.0750	ND	101	70-130	17.7	30		
Surrogate: 1,2-Dichloroethane-d4	0.0439		"	0.0400		110	50-150				
Surrogate: Toluene-d8	0.0403		"	0.0400		101	50-150				
Surrogate: 4-Bromofluorobenzene	0.0418		"	0.0400		104	50-150				

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

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

Batch BFC0455 - EPA 3550A

Blank (BFC0455-BLK1)

Prepared: 03/21/22 Analyzed: 03/22/22

C10-C28 (DRO)	ND	50	mg/kg
C28-C36 (ORO)	ND	50	"

LCS (BFC0455-BS1)

Prepared: 03/21/22 Analyzed: 03/22/22

C10-C28 (DRO)	422	50	mg/kg	500	84.5	70-130
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Matrix Spike (BFC0455-MS1)

Source: 2203333-01

Prepared: 03/21/22 Analyzed: 03/22/22

C10-C28 (DRO)	459	50	mg/kg	500	26.4	86.6	70-130
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Matrix Spike Dup (BFC0455-MSD1)

Source: 2203333-01

Prepared: 03/21/22 Analyzed: 03/22/22

C10-C28 (DRO)	485	50	mg/kg	500	26.4	91.7	70-130	5.42	20
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Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 16:26

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0456 - EPA 5030 Soil MS

Blank (BFC0456-BLK1)

Prepared & Analyzed: 03/22/22

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	0.0217		"	0.0333		65.0	40-150			
Surrogate: Fluoranthene-d10	0.0213		"	0.0333		64.0	40-150			

LCS (BFC0456-BS1)

Prepared & Analyzed: 03/22/22

Acenaphthene	0.0183	0.00500	mg/kg	0.0333		54.8	31-137			
Anthracene	0.0203	0.00500	"	0.0333		61.0	30-120			
Benzo (a) anthracene	0.0211	0.00500	"	0.0333		63.2	30-120			
Benzo (a) pyrene	0.0182	0.00500	"	0.0333		54.5	30-120			
Benzo (b) fluoranthene	0.0184	0.00500	"	0.0333		55.2	30-120			
Benzo (k) fluoranthene	0.0192	0.00500	"	0.0333		57.6	30-120			
Chrysene	0.0206	0.00500	"	0.0333		61.8	30-120			
Dibenz (a,h) anthracene	0.0156	0.00500	"	0.0333		46.9	30-120			
Fluoranthene	0.0211	0.00500	"	0.0333		63.4	30-120			
Fluorene	0.0193	0.00500	"	0.0333		57.9	30-120			
Indeno (1,2,3-cd) pyrene	0.0103	0.00500	"	0.0333		31.0	30-120			
Pyrene	0.0216	0.00500	"	0.0333		64.7	35-142			
1-Methylnaphthalene	0.0185	0.00500	"	0.0333		55.6	35-142			
2-Methylnaphthalene	0.0172	0.00500	"	0.0333		51.5	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0201		"	0.0333		60.4	40-150			
Surrogate: Fluoranthene-d10	0.0215		"	0.0333		64.5	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0456 - EPA 5030 Soil MS

Matrix Spike (BFC0456-MS1)

Source: 2203322-02

Prepared: 03/22/22 Analyzed: 03/24/22

Acenaphthene	0.0216	0.00500	mg/kg	0.0333	ND	64.7	31-137		
Anthracene	0.0228	0.00500	"	0.0333	ND	68.5	30-120		
Benzo (a) anthracene	0.0258	0.00500	"	0.0333	ND	77.4	30-120		
Benzo (a) pyrene	0.0195	0.00500	"	0.0333	ND	58.5	30-120		
Benzo (b) fluoranthene	0.0256	0.00500	"	0.0333	ND	76.8	30-120		
Benzo (k) fluoranthene	0.0206	0.00500	"	0.0333	ND	61.7	30-120		
Chrysene	0.0175	0.00500	"	0.0333	ND	52.6	30-120		
Dibenz (a,h) anthracene	0.0220	0.00500	"	0.0333	ND	66.0	30-120		
Fluoranthene	0.0202	0.00500	"	0.0333	ND	60.7	30-120		
Fluorene	0.0189	0.00500	"	0.0333	ND	56.7	30-120		
Indeno (1,2,3-cd) pyrene	0.0197	0.00500	"	0.0333	ND	59.0	30-120		
Pyrene	0.0169	0.00500	"	0.0333	ND	50.7	35-142		
1-Methylnaphthalene	0.0110	0.00500	"	0.0333	ND	33.0	15-130		
2-Methylnaphthalene	0.0125	0.00500	"	0.0333	ND	37.6	15-130		
Surrogate: 2-Methylnaphthalene-d10	0.0226		"	0.0333		67.7	40-150		
Surrogate: Fluoranthene-d10	0.0147		"	0.0333		44.1	40-150		

Matrix Spike Dup (BFC0456-MSD1)

Source: 2203322-02

Prepared: 03/22/22 Analyzed: 03/24/22

Acenaphthene	0.0194	0.00500	mg/kg	0.0333	ND	58.1	31-137	10.7	30
Anthracene	0.0212	0.00500	"	0.0333	ND	63.7	30-120	7.35	30
Benzo (a) anthracene	0.0217	0.00500	"	0.0333	ND	65.0	30-120	17.4	30
Benzo (a) pyrene	0.0212	0.00500	"	0.0333	ND	63.5	30-120	8.26	30
Benzo (b) fluoranthene	0.0263	0.00500	"	0.0333	ND	78.9	30-120	2.67	30
Benzo (k) fluoranthene	0.0258	0.00500	"	0.0333	ND	77.3	30-120	22.4	30
Chrysene	0.0197	0.00500	"	0.0333	ND	59.2	30-120	11.9	30
Dibenz (a,h) anthracene	0.0173	0.00500	"	0.0333	ND	51.8	30-120	24.1	30
Fluoranthene	0.0230	0.00500	"	0.0333	ND	68.9	30-120	12.6	30
Fluorene	0.0207	0.00500	"	0.0333	ND	62.2	30-120	9.27	30
Indeno (1,2,3-cd) pyrene	0.0159	0.00500	"	0.0333	ND	47.7	30-120	21.1	30
Pyrene	0.0197	0.00500	"	0.0333	ND	59.2	35-142	15.5	30
1-Methylnaphthalene	0.0140	0.00500	"	0.0333	ND	42.1	15-130	24.3	50
2-Methylnaphthalene	0.0172	0.00500	"	0.0333	ND	51.5	15-130	31.1	50
Surrogate: 2-Methylnaphthalene-d10	0.0167		"	0.0333		50.1	40-150		
Surrogate: Fluoranthene-d10	0.0245		"	0.0333		73.4	40-150		

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0657 - EPA 5030 Soil MS

Blank (BFC0657-BLK1)

Prepared: 03/29/22 Analyzed: 03/31/22

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	0.0193		"	0.0333		58.0	40-150			
Surrogate: Fluoranthene-d10	0.0186		"	0.0333		55.7	40-150			

LCS (BFC0657-BS1)

Prepared: 03/29/22 Analyzed: 03/31/22

Acenaphthene	0.0142	0.00500	mg/kg	0.0333		42.5	31-137			
Anthracene	0.0138	0.00500	"	0.0333		41.5	30-120			
Benzo (a) anthracene	0.0149	0.00500	"	0.0333		44.8	30-120			
Benzo (a) pyrene	0.0146	0.00500	"	0.0333		43.9	30-120			
Benzo (b) fluoranthene	0.0144	0.00500	"	0.0333		43.2	30-120			
Benzo (k) fluoranthene	0.0154	0.00500	"	0.0333		46.1	30-120			
Chrysene	0.0146	0.00500	"	0.0333		43.9	30-120			
Dibenz (a,h) anthracene	0.0155	0.00500	"	0.0333		46.6	30-120			
Fluoranthene	0.0153	0.00500	"	0.0333		45.8	30-120			
Fluorene	0.0146	0.00500	"	0.0333		43.8	30-120			
Indeno (1,2,3-cd) pyrene	0.0118	0.00500	"	0.0333		35.4	30-120			
Pyrene	0.0149	0.00500	"	0.0333		44.8	35-142			
1-Methylnaphthalene	0.0138	0.00500	"	0.0333		41.5	35-142			
2-Methylnaphthalene	0.0140	0.00500	"	0.0333		42.0	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0142		"	0.0333		42.7	40-150			
Surrogate: Fluoranthene-d10	0.0149		"	0.0333		44.7	40-150			

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0657 - EPA 5030 Soil MS

Matrix Spike (BFC0657-MS1)

Source: 2203283-10

Prepared: 03/29/22 Analyzed: 03/31/22

Acenaphthene	0.0257	0.00500	mg/kg	0.0333	ND	77.0	31-137		
Anthracene	0.0231	0.00500	"	0.0333	ND	69.4	30-120		
Benzo (a) anthracene	0.0202	0.00500	"	0.0333	ND	60.6	30-120		
Benzo (a) pyrene	0.0266	0.00500	"	0.0333	ND	79.7	30-120		
Benzo (b) fluoranthene	0.0247	0.00500	"	0.0333	ND	74.2	30-120		
Benzo (k) fluoranthene	0.0170	0.00500	"	0.0333	ND	50.9	30-120		
Chrysene	0.0228	0.00500	"	0.0333	ND	68.4	30-120		
Dibenz (a,h) anthracene	0.0262	0.00500	"	0.0333	ND	78.5	30-120		
Fluoranthene	0.0171	0.00500	"	0.0333	ND	51.3	30-120		
Fluorene	0.0213	0.00500	"	0.0333	ND	63.9	30-120		
Indeno (1,2,3-cd) pyrene	0.0185	0.00500	"	0.0333	ND	55.5	30-120		
Pyrene	0.0119	0.00500	"	0.0333	ND	35.8	35-142		
1-Methylnaphthalene	0.0212	0.00500	"	0.0333	ND	63.7	15-130		
2-Methylnaphthalene	0.0214	0.00500	"	0.0333	ND	64.2	15-130		
Surrogate: 2-Methylnaphthalene-d10	0.0237		"	0.0333		71.2	40-150		
Surrogate: Fluoranthene-d10	0.0181		"	0.0333		54.4	40-150		

Matrix Spike Dup (BFC0657-MSD1)

Source: 2203283-10

Prepared: 03/29/22 Analyzed: 04/01/22

Acenaphthene	0.0201	0.00500	mg/kg	0.0333	ND	60.4	31-137	24.1	30
Anthracene	0.0203	0.00500	"	0.0333	ND	60.8	30-120	13.1	30
Benzo (a) anthracene	0.0236	0.00500	"	0.0333	ND	70.8	30-120	15.4	30
Benzo (a) pyrene	0.0202	0.00500	"	0.0333	ND	60.5	30-120	27.4	30
Benzo (b) fluoranthene	0.0215	0.00500	"	0.0333	ND	64.6	30-120	13.9	30
Benzo (k) fluoranthene	0.0142	0.00500	"	0.0333	ND	42.6	30-120	17.7	30
Chrysene	0.0197	0.00500	"	0.0333	ND	59.1	30-120	14.6	30
Dibenz (a,h) anthracene	0.0201	0.00500	"	0.0333	ND	60.3	30-120	26.2	30
Fluoranthene	0.0150	0.00500	"	0.0333	ND	44.9	30-120	13.4	30
Fluorene	0.0177	0.00500	"	0.0333	ND	53.0	30-120	18.7	30
Indeno (1,2,3-cd) pyrene	0.0194	0.00500	"	0.0333	ND	58.1	30-120	4.70	30
Pyrene	0.0144	0.00500	"	0.0333	ND	43.3	35-142	18.9	30
1-Methylnaphthalene	0.0225	0.00500	"	0.0333	ND	67.4	15-130	5.69	50
2-Methylnaphthalene	0.0223	0.00500	"	0.0333	ND	66.9	15-130	4.20	50
Surrogate: 2-Methylnaphthalene-d10	0.0259		"	0.0333		77.7	40-150		
Surrogate: Fluoranthene-d10	0.0143		"	0.0333		42.8	40-150		

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0658 - EPA 5030 Soil MS

Blank (BFC0658-BLK1)

Prepared: 03/29/22 Analyzed: 04/01/22

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	0.0228		"	0.0333		68.4	40-150			
Surrogate: Fluoranthene-d10	0.0247		"	0.0333		74.2	40-150			

LCS (BFC0658-BS1)

Prepared: 03/29/22 Analyzed: 04/01/22

Acenaphthene	0.0251	0.00500	mg/kg	0.0333		75.2	31-137			
Anthracene	0.0270	0.00500	"	0.0333		80.9	30-120			
Benzo (a) anthracene	0.0273	0.00500	"	0.0333		81.8	30-120			
Benzo (a) pyrene	0.0252	0.00500	"	0.0333		75.5	30-120			
Benzo (b) fluoranthene	0.0234	0.00500	"	0.0333		70.3	30-120			
Benzo (k) fluoranthene	0.0215	0.00500	"	0.0333		64.5	30-120			
Chrysene	0.0254	0.00500	"	0.0333		76.2	30-120			
Dibenz (a,h) anthracene	0.0234	0.00500	"	0.0333		70.1	30-120			
Fluoranthene	0.0274	0.00500	"	0.0333		82.3	30-120			
Fluorene	0.0250	0.00500	"	0.0333		74.8	30-120			
Indeno (1,2,3-cd) pyrene	0.0197	0.00500	"	0.0333		59.2	30-120			
Pyrene	0.0253	0.00500	"	0.0333		75.8	35-142			
1-Methylnaphthalene	0.0254	0.00500	"	0.0333		76.1	35-142			
2-Methylnaphthalene	0.0271	0.00500	"	0.0333		81.2	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0249		"	0.0333		74.8	40-150			
Surrogate: Fluoranthene-d10	0.0272		"	0.0333		81.7	40-150			

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0658 - EPA 5030 Soil MS

Matrix Spike (BFC0658-MS1)

Source: 2203341-02

Prepared: 03/29/22 Analyzed: 04/01/22

Acenaphthene	0.0180	0.00500	mg/kg	0.0333	ND	53.9	31-137		
Anthracene	0.0203	0.00500	"	0.0333	ND	60.8	30-120		
Benzo (a) anthracene	0.0206	0.00500	"	0.0333	ND	61.8	30-120		
Benzo (a) pyrene	0.0186	0.00500	"	0.0333	ND	55.7	30-120		
Benzo (b) fluoranthene	0.0179	0.00500	"	0.0333	ND	53.6	30-120		
Benzo (k) fluoranthene	0.0162	0.00500	"	0.0333	ND	48.7	30-120		
Chrysene	0.0189	0.00500	"	0.0333	ND	56.8	30-120		
Dibenz (a,h) anthracene	0.0167	0.00500	"	0.0333	ND	50.2	30-120		
Fluoranthene	0.0212	0.00500	"	0.0333	ND	63.6	30-120		
Fluorene	0.0186	0.00500	"	0.0333	ND	55.7	30-120		
Indeno (1,2,3-cd) pyrene	0.0134	0.00500	"	0.0333	ND	40.2	30-120		
Pyrene	0.0190	0.00500	"	0.0333	ND	57.1	35-142		
1-Methylnaphthalene	0.0188	0.00500	"	0.0333	ND	56.5	15-130		
2-Methylnaphthalene	0.0208	0.00500	"	0.0333	ND	62.5	15-130		
Surrogate: 2-Methylnaphthalene-d10	0.0174		"	0.0333		52.1	40-150		
Surrogate: Fluoranthene-d10	0.0208		"	0.0333		62.5	40-150		

Matrix Spike Dup (BFC0658-MSD1)

Source: 2203341-02

Prepared: 03/29/22 Analyzed: 04/01/22

Acenaphthene	0.0147	0.00500	mg/kg	0.0333	ND	44.1	31-137	20.0	30
Anthracene	0.0175	0.00500	"	0.0333	ND	52.4	30-120	14.9	30
Benzo (a) anthracene	0.0185	0.00500	"	0.0333	ND	55.5	30-120	10.6	30
Benzo (a) pyrene	0.0164	0.00500	"	0.0333	ND	49.2	30-120	12.4	30
Benzo (b) fluoranthene	0.0152	0.00500	"	0.0333	ND	45.6	30-120	16.3	30
Benzo (k) fluoranthene	0.0138	0.00500	"	0.0333	ND	41.5	30-120	16.0	30
Chrysene	0.0172	0.00500	"	0.0333	ND	51.5	30-120	9.74	30
Dibenz (a,h) anthracene	0.0170	0.00500	"	0.0333	ND	51.1	30-120	1.71	30
Fluoranthene	0.0194	0.00500	"	0.0333	ND	58.2	30-120	8.86	30
Fluorene	0.0159	0.00500	"	0.0333	ND	47.8	30-120	15.4	30
Indeno (1,2,3-cd) pyrene	0.0134	0.00500	"	0.0333	ND	40.3	30-120	0.316	30
Pyrene	0.0177	0.00500	"	0.0333	ND	53.2	35-142	7.08	30
1-Methylnaphthalene	0.0140	0.00500	"	0.0333	ND	41.9	15-130	29.8	50
2-Methylnaphthalene	0.0162	0.00500	"	0.0333	ND	48.5	15-130	25.3	50
Surrogate: 2-Methylnaphthalene-d10	0.0141		"	0.0333		42.3	40-150		
Surrogate: Fluoranthene-d10	0.0189		"	0.0333		56.6	40-150		

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 16:26

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

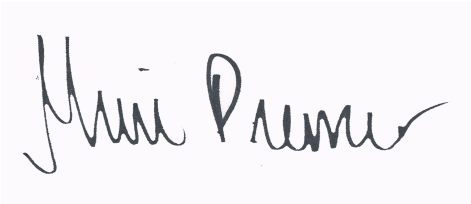
303.277.9310

April 04, 2022

Brian Humphrey
Tasman Geosciences
6855 W. 119th Ave.
Broomfeld, CO 80020
RE: DCP - CR 17 & 34

Enclosed are the results of analyses for samples received by Summit Scientific on 03/22/22 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premier".

Muri Premier For Paul Shrewsbury
President



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Base166N@10'	2203358-01	Soil	03/22/22 10:38	03/22/22 17:00
Base191N@5'	2203358-02	Soil	03/22/22 10:54	03/22/22 17:00
EWall216N@5'	2203358-03	Soil	03/22/22 11:34	03/22/22 17:00
SourceWWall@9'	2203358-04	Soil	03/22/22 13:50	03/22/22 17:00
SourceNWall4@9'	2203358-05	Soil	03/22/22 14:32	03/22/22 17:00

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

Page 1 of 1

Project Manager: Feb Watts / Chandler Cole
E-Mail: jwatts@tasman-900.com / cccole@cdpmidstream.com / bcole@tasman-900.com
Project Name: CR17 & CR34
Project Number: _____

				Preservative				Matrix				Analyze For:											
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	VOCs	TPH	PAHs							Special Instructions		
Base 166N @ 10'	3/22/22	1038	2			X			X			X	X	H							H = HOLD		
Base 191N @ 5'	↓	1054	↓			↓			↓			X	X	H									
E wall 216N @ 5'	↓	1134	↓			↓			↓			X	X	H									
Source WW @ 9'	↓	1350	↓			↓			↓			X	X	H									
Source NW @ 14 @ 9'	↓	1432	↓			↓			↓			X	X	H									
Relinquished by:				Date/Time: 3/22/22 1710				Received by: Tasman Lockbox				Date/Time: 3/22/22 1710				Turn Around Time (Check) Same Day <input checked="" type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>						Notes:	
Relinquished by:				Date/Time:				Received by:				Date/Time: 3/22/22 1700				Sample Integrity: Temperature Upon Receipt: 3.8 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:											



Sample Receipt Checklist

S2 Work Order# 2203358Client: DCP/TasmanianClient Project ID: CR17+CR34Shipped Via: ☐ H.D./P.U./FedEx/UPS/USPS/Other

Airbill #: _____

Matrix (check all that apply):

☐

Air

☒

Soil/Solid

☐

Water

☐

Other: _____

(Describe)

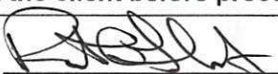
Temp (°C)

3.8

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ? NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on ICE
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"/>	
If custody seals are present, are they intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sameday
Is a chain-of-custody (COC) form present and filled out completely ⁽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"/>	
Is the COC properly relinquished by the client w/ date and time recorded ⁽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.
Custodian Printed Name or Initials3.22.22
Date/Time



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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

Base166N@10'
2203358-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/22/22 10:38**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0497	03/22/22	03/22/22	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: **03/22/22 10:38**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		105 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/22/22 10:38**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0498	03/22/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/22/22 10:38**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		84.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

Base166N@10'
2203358-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/22/22 10:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/22/22 10:38**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		62.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		53.3 %	40-150		"	"	"	"	

Summit Scientific

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

Base191N@5'
2203358-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/22/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0497	03/22/22	03/22/22	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: **03/22/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		109 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		105 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/22/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0498	03/22/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/22/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		85.4 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

Base191N@5'
2203358-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/22/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/22/22 10:54**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		75.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		62.9 %	40-150		"	"	"	"	

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 15:56

EWall216N@5'

2203358-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/22/22 11:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.016	0.0020	mg/kg	1	BFC0497	03/22/22	03/22/22	EPA 8260B	
Toluene	0.052	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0084	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.099	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.066	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	0.0091	0.0050	"	"	"	"	"	"	
Naphthalene	0.013	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.7	0.50	"	"	"	"	"	"	

Date Sampled: **03/22/22 11:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	50-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		104 %	50-150		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		107 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/22/22 11:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	59	50	mg/kg	1	BFC0498	03/22/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/22/22 11:34**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<i>Surrogate: o-Terphenyl</i>		84.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

EWall216N@5'
2203358-03 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/22/22 11:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	0.00578	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	0.00775	0.00500	"	"	"	"	"	"	

Date Sampled: **03/22/22 11:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		75.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		63.7 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

SourceWall@9'
2203358-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/22/22 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0497	03/22/22	03/22/22	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: **03/22/22 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		109 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/22/22 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0498	03/22/22	03/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/22/22 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		92.1 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

SourceWall@9'
2203358-04 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/22/22 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/22/22 13:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		62.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		53.3 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 15:56

SourceNWall4@9'
2203358-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 03/22/22 14:32

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0497	03/22/22	03/22/22	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: 03/22/22 14:32

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		110 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		105 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 03/22/22 14:32

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0498	03/22/22	03/23/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: 03/22/22 14:32

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		90.8 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

SourceNWall4@9'
2203358-05 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/22/22 14:32**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/22/22 14:32**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		54.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		47.7 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

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 BFC0497 - EPA 5030 Soil MS

Blank (BFC0497-BLK1)

Prepared & Analyzed: 03/22/22

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	"							
Surrogate: 1,2-Dichloroethane-d4	0.0429		"	0.0400		107	50-150			
Surrogate: Toluene-d8	0.0399		"	0.0400		99.8	50-150			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.5	50-150			

LCS (BFC0497-BS1)

Prepared & Analyzed: 03/22/22

Benzene	0.0627	0.0020	mg/kg	0.0750		83.6	70-130			
Toluene	0.0686	0.0050	"	0.0750		91.4	70-130			
Ethylbenzene	0.0713	0.0050	"	0.0750		95.1	70-130			
m,p-Xylene	0.153	0.010	"	0.150		102	70-130			
o-Xylene	0.0722	0.0050	"	0.0750		96.2	70-130			
1,2,4-Trimethylbenzene	0.0786	0.0050	"	0.0750		105	70-130			
1,3,5-Trimethylbenzene	0.0774	0.0050	"	0.0750		103	70-130			
Naphthalene	0.0734	0.0038	"	0.0750		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0398		"	0.0400		99.4	50-150			
Surrogate: Toluene-d8	0.0401		"	0.0400		100	50-150			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		103	50-150			

Matrix Spike (BFC0497-MS1)

Source: 2203357-01

Prepared: 03/22/22 Analyzed: 03/23/22

Benzene	0.0590	0.0020	mg/kg	0.0750	ND	78.6	70-130			
Toluene	0.0650	0.0050	"	0.0750	ND	86.6	70-130			
Ethylbenzene	0.0622	0.0050	"	0.0750	ND	83.0	70-130			
m,p-Xylene	0.132	0.010	"	0.150	ND	88.1	70-130			
o-Xylene	0.0634	0.0050	"	0.0750	ND	84.5	70-130			
1,2,4-Trimethylbenzene	0.0697	0.0050	"	0.0750	ND	93.0	70-130			
1,3,5-Trimethylbenzene	0.0670	0.0050	"	0.0750	ND	89.3	70-130			
Naphthalene	0.0862	0.0038	"	0.0750	ND	115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0458		"	0.0400		114	50-150			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.6	50-150			
Surrogate: 4-Bromofluorobenzene	0.0426		"	0.0400		106	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 15:56

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 BFC0497 - EPA 5030 Soil MS

Matrix Spike Dup (BFC0497-MSD1)	Source: 2203357-01			Prepared: 03/22/22 Analyzed: 03/23/22						
Benzene	0.0668	0.0020	mg/kg	0.0750	ND	89.1	70-130	12.4	30	
Toluene	0.0720	0.0050	"	0.0750	ND	96.0	70-130	10.3	30	
Ethylbenzene	0.0729	0.0050	"	0.0750	ND	97.2	70-130	15.8	30	
m,p-Xylene	0.155	0.010	"	0.150	ND	103	70-130	15.8	30	
o-Xylene	0.0740	0.0050	"	0.0750	ND	98.6	70-130	15.4	30	
1,2,4-Trimethylbenzene	0.0816	0.0050	"	0.0750	ND	109	70-130	15.7	30	
1,3,5-Trimethylbenzene	0.0783	0.0050	"	0.0750	ND	104	70-130	15.5	30	
Naphthalene	0.0782	0.0038	"	0.0750	ND	104	70-130	9.74	30	
Surrogate: 1,2-Dichloroethane-d4	0.0467		"	0.0400		117	50-150			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.6	50-150			
Surrogate: 4-Bromofluorobenzene	0.0428		"	0.0400		107	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]

Project Manager: Brian Humphrey

Reported:

04/04/22 15:56

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BFC0498 - EPA 3550A

Blank (BFC0498-BLK1)

Prepared & Analyzed: 03/22/22

C10-C28 (DRO)	ND	50	mg/kg								
C28-C36 (ORO)	ND	50	"								

LCS (BFC0498-BS1)

Prepared & Analyzed: 03/22/22

C10-C28 (DRO)	521	50	mg/kg	500	104	70-130					
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Matrix Spike (BFC0498-MS1)

Source: 2203357-01

Prepared & Analyzed: 03/22/22

C10-C28 (DRO)	649	50	mg/kg	500	94.0	111	70-130				
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Matrix Spike Dup (BFC0498-MSD1)

Source: 2203357-01

Prepared & Analyzed: 03/22/22

C10-C28 (DRO)	556	50	mg/kg	500	94.0	92.5	70-130	15.4	20		
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Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0705 - EPA 5030 Soil MS

Blank (BFC0705-BLK1)

Prepared: 03/30/22 Analyzed: 04/01/22

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	0.0307		"	0.0333		92.0	40-150			
Surrogate: Fluoranthene-d10	0.0260		"	0.0333		78.1	40-150			

LCS (BFC0705-BS1)

Prepared: 03/30/22 Analyzed: 04/01/22

Acenaphthene	0.0239	0.00500	mg/kg	0.0333		71.6	31-137			
Anthracene	0.0244	0.00500	"	0.0333		73.1	30-120			
Benzo (a) anthracene	0.0247	0.00500	"	0.0333		74.2	30-120			
Benzo (a) pyrene	0.0283	0.00500	"	0.0333		85.0	30-120			
Benzo (b) fluoranthene	0.0289	0.00500	"	0.0333		86.7	30-120			
Benzo (k) fluoranthene	0.0310	0.00500	"	0.0333		93.0	30-120			
Chrysene	0.0252	0.00500	"	0.0333		75.5	30-120			
Dibenz (a,h) anthracene	0.0263	0.00500	"	0.0333		78.8	30-120			
Fluoranthene	0.0268	0.00500	"	0.0333		80.5	30-120			
Fluorene	0.0241	0.00500	"	0.0333		72.4	30-120			
Indeno (1,2,3-cd) pyrene	0.0177	0.00500	"	0.0333		53.0	30-120			
Pyrene	0.0229	0.00500	"	0.0333		68.8	35-142			
1-Methylnaphthalene	0.0316	0.00500	"	0.0333		94.9	35-142			
2-Methylnaphthalene	0.0291	0.00500	"	0.0333		87.2	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0306		"	0.0333		91.9	40-150			
Surrogate: Fluoranthene-d10	0.0273		"	0.0333		81.9	40-150			

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0705 - EPA 5030 Soil MS

Matrix Spike (BFC0705-MS1)

Source: 2203358-01

Prepared: 03/30/22 Analyzed: 04/01/22

Acenaphthene	0.0167	0.00500	mg/kg	0.0333	ND	50.1	31-137				
Anthracene	0.0108	0.00500	"	0.0333	ND	32.3	30-120				
Benzo (a) anthracene	0.0161	0.00500	"	0.0333	ND	48.2	30-120				
Benzo (a) pyrene	0.0204	0.00500	"	0.0333	ND	61.3	30-120				
Benzo (b) fluoranthene	0.0175	0.00500	"	0.0333	ND	52.4	30-120				
Benzo (k) fluoranthene	0.0248	0.00500	"	0.0333	ND	74.5	30-120				
Chrysene	0.0164	0.00500	"	0.0333	ND	49.1	30-120				
Dibenz (a,h) anthracene	0.0198	0.00500	"	0.0333	ND	59.5	30-120				
Fluoranthene	0.0125	0.00500	"	0.0333	ND	37.4	30-120				
Fluorene	0.0232	0.00500	"	0.0333	ND	69.6	30-120				
Indeno (1,2,3-cd) pyrene	0.0198	0.00500	"	0.0333	ND	59.3	30-120				
Pyrene	0.0196	0.00500	"	0.0333	ND	58.8	35-142				
1-Methylnaphthalene	0.0122	0.00500	"	0.0333	ND	36.5	15-130				
2-Methylnaphthalene	0.0116	0.00500	"	0.0333	ND	34.7	15-130				
Surrogate: 2-Methylnaphthalene-d10	0.0151		"	0.0333		45.3	40-150				
Surrogate: Fluoranthene-d10	0.0191		"	0.0333		57.4	40-150				

Matrix Spike Dup (BFC0705-MSD1)

Source: 2203358-01

Prepared: 03/30/22 Analyzed: 04/01/22

Acenaphthene	0.0181	0.00500	mg/kg	0.0333	ND	54.4	31-137	8.20	30		
Anthracene	0.0139	0.00500	"	0.0333	ND	41.8	30-120	25.6	30		
Benzo (a) anthracene	0.0135	0.00500	"	0.0333	ND	40.5	30-120	17.5	30		
Benzo (a) pyrene	0.0185	0.00500	"	0.0333	ND	55.6	30-120	9.75	30		
Benzo (b) fluoranthene	0.0231	0.00500	"	0.0333	ND	69.3	30-120	27.7	30		
Benzo (k) fluoranthene	0.0208	0.00500	"	0.0333	ND	62.3	30-120	17.8	30		
Chrysene	0.0135	0.00500	"	0.0333	ND	40.6	30-120	18.8	30		
Dibenz (a,h) anthracene	0.0216	0.00500	"	0.0333	ND	64.7	30-120	8.44	30		
Fluoranthene	0.0155	0.00500	"	0.0333	ND	46.4	30-120	21.5	30		
Fluorene	0.0239	0.00500	"	0.0333	ND	71.8	30-120	3.09	30		
Indeno (1,2,3-cd) pyrene	0.0245	0.00500	"	0.0333	ND	73.4	30-120	21.3	30		
Pyrene	0.0145	0.00500	"	0.0333	ND	43.5	35-142	30.0	30		
1-Methylnaphthalene	0.0181	0.00500	"	0.0333	ND	54.4	15-130	39.3	50		
2-Methylnaphthalene	0.0164	0.00500	"	0.0333	ND	49.2	15-130	34.7	50		
Surrogate: 2-Methylnaphthalene-d10	0.0173		"	0.0333		52.0	40-150				
Surrogate: Fluoranthene-d10	0.0154		"	0.0333		46.1	40-150				

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
04/04/22 15:56

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

April 04, 2022

Jeb Watts

Tasman Geosciences

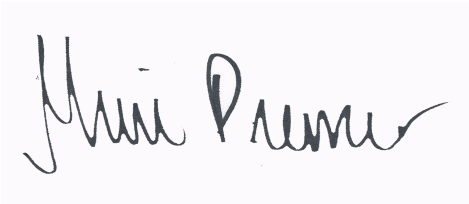
6855 W. 119th Ave.

Broomfield, CO 80020

RE: DCP - CR 17 & 34

Enclosed are the results of analyses for samples received by Summit Scientific on 03/23/22 17:06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is cursive and reads "Muri Premier".

Muri Premier For Paul Shrewsbury

President



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WWall342N2@4'	2203386-01	Soil	03/23/22 13:48	03/23/22 17:06
Base367N2@6'	2203386-02	Soil	03/23/22 13:51	03/23/22 17:06
SourceSWall5@9'	2203386-03	Soil	03/23/22 10:11	03/23/22 17:06
SourceEWall5@9'	2203386-04	Soil	03/23/22 10:25	03/23/22 17:06
SWall166N@7'	2203386-05	Soil	03/23/22 11:53	03/23/22 17:06
NWall166N@7'	2203386-06	Soil	03/23/22 11:55	03/23/22 17:06
EWall191N2@4'	2203386-07	Soil	03/23/22 12:41	03/23/22 17:06
WWall191N2@4'	2203386-08	Soil	03/23/22 12:45	03/23/22 17:06
Base216N2@5'	2203386-09	Soil	03/23/22 12:50	03/23/22 17:06
EWall241N2@4'	2203386-10	Soil	03/23/22 13:00	03/23/22 17:06

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.

2203386

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 7

Client: DCP/ Tasman

Address: 6855 W 119th Ave

City/State/Zip: Broomfield, CO 80020

Phone: 303-487-1728 Fax:


Sampler Name: Brian Gabel

Project Manager: Teb Watts / Chandler Corp

E-Mail: jwatts@ksan-geo.com / cpcdp@dcpr.vshken.com / bxbbl@ksan-geo.com

Project Name: CR12 & CR34

Project Number:

				Preservative				Matrix				Analyze For:										Special Instructions
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	VOCs	TPH	PAH								
Wwall 342N2E4'	3/23/22	1348	2			X			X			X	X	H								
Base 367N2E6'		1351										X	X	H								
Source Swall 5E9'		1011										X	X	H								
Source Ewall 5E9'		1025										X	X	H								
Swall 166NE7'		1153										X	X	H								
Nwall 166NE7'		1155										X	X	H								
Ewall 191N2E4'		1241										X	X	H								
Wwall 191N2E4'		1245										X	X	H								
Base 216N2E5'		1250										X	X	H								
Ewall 241N2E4'		1300										X	X	H								
Relinquished by:  Date/Time: 3/23/22 17:06				Received by: Sherie Belin Date/Time: 3/23/22 17:06				Turn Around Time (Check) Same Day <input checked="" type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>										Notes:				
Relinquished by: Date/Time:				Received by: Date/Time:				Sample Integrity: Temperature Upon Receipt: 5.1 Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														
Relinquished by: Date/Time:				Received in Lab by: Date/Time:																		

S₂

Sample Receipt Checklist

S2 Work Order# 2203386Client: DCP/TasmanClient Project ID: CR17 & CR34

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

Airbill #: _____

✓				
---	--	--	--	--

Matrix (Check all that apply)

Air

☐

Soil/Solid

☒

Water

☐

Other

☐

Temp (°C)

5.1

Thermometer #

2

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6 °C ⁽¹⁾ ? NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	✓			ice
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are samples due within 48 hours present?	✓			2 Same Day
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			✓	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
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.			✓	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	

Additional Comments (if any):

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.SB

Custodian Printed Name

3/23/22 ^{17:06}
SB

Date/Time



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

WWall342N2@4'
2203386-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/23/22 13:48**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0538	03/23/22	03/23/22	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: **03/23/22 13:48**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		97.2 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.7 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/23/22 13:48**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0539	03/23/22	03/23/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/23/22 13:48**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		95.7 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

WWall342N2@4'
2203386-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/23/22 13:48**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/23/22 13:48**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		64.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		55.0 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

Base367N2@6'
2203386-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/23/22 13:51**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	0.030	0.0020	mg/kg	1	BFC0538	03/23/22	03/23/22	EPA 8260B	
Toluene	0.078	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0065	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.058	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.011	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.63	0.50	"	"	"	"	"	"	

Date Sampled: **03/23/22 13:51**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.7 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/23/22 13:51**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0539	03/23/22	03/23/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/23/22 13:51**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		97.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

Base367N2@6'
2203386-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/23/22 13:51**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	0.00773	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	0.00572	0.00500	"	"	"	"	"	"	

Date Sampled: **03/23/22 13:51**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		70.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		59.2 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

SourceSWall5@9'
2203386-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/23/22 10:11**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0538	03/23/22	03/23/22	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: **03/23/22 10:11**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		108 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/23/22 10:11**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	62	50	mg/kg	1	BFC0539	03/23/22	03/23/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/23/22 10:11**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		97.1 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

SourceSWall5@9'
2203386-03 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/23/22 10:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/02/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/23/22 10:11**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		91.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		77.3 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

SourceE Wall5@9'
2203386-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/23/22 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0538	03/23/22	03/23/22	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: **03/23/22 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		114 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/23/22 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0539	03/23/22	03/23/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/23/22 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		93.0 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

SourceEWall5@9'
2203386-04 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/23/22 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/02/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/23/22 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		72.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		60.4 %	40-150		"	"	"	"	

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

SWall166N@7'
2203386-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/23/22 11:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0538	03/23/22	03/23/22	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: **03/23/22 11:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		116 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		100 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/23/22 11:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0539	03/23/22	03/23/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/23/22 11:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.0 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

SWall166N@7'
2203386-05 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/23/22 11:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/02/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/23/22 11:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		53.6 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		48.2 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

NWall166N@7'
2203386-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/23/22 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0538	03/23/22	03/23/22	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: **03/23/22 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		102 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		106 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/23/22 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0539	03/23/22	03/23/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/23/22 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		95.6 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

NWall166N@7'
2203386-06 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/23/22 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/02/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/23/22 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		71.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		60.6 %	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

EWall191N2@4'
2203386-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/23/22 12:41**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0078	0.0020	mg/kg	1	BFC0538	03/23/22	03/23/22	EPA 8260B	
Toluene	0.015	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: **03/23/22 12:41**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		107 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/23/22 12:41**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0539	03/23/22	03/23/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/23/22 12:41**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		85.4 %	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

EWall191N2@4'
2203386-07 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/23/22 12:41**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/02/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/23/22 12:41**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		70.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		58.3 %	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

WWall191N2@4'
2203386-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/23/22 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0538	03/23/22	03/23/22	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: **03/23/22 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		111 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		108 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/23/22 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0539	03/23/22	03/23/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/23/22 12:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		99.0 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

WWall191N2@4'
2203386-08 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/23/22 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/02/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/23/22 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		80.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		68.6 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

Base216N2@5'
2203386-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/23/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0538	03/23/22	03/23/22	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: **03/23/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		107 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		106 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/23/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0539	03/23/22	03/23/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/23/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		87.6 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

Base216N2@5'
2203386-09 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/23/22 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/02/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/23/22 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		82.9 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		68.3 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

EWall241N2@4'
2203386-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/23/22 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0538	03/23/22	03/23/22	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: **03/23/22 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		104 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		108 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/23/22 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0539	03/23/22	03/23/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/23/22 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		89.1 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

EWall241N2@4'
2203386-10 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/23/22 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0705	03/30/22	04/02/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/23/22 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		51.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		45.4 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

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 BFC0538 - EPA 5030 Soil MS

Blank (BFC0538-BLK1)

Prepared & Analyzed: 03/23/22

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	"							
Surrogate: 1,2-Dichloroethane-d4	0.0310		"	0.0400		77.5	50-150			
Surrogate: Toluene-d8	0.0365		"	0.0400		91.4	50-150			
Surrogate: 4-Bromofluorobenzene	0.0491		"	0.0400		123	50-150			

LCS (BFC0538-BS1)

Prepared & Analyzed: 03/23/22

Benzene	0.0597	0.0020	mg/kg	0.0750		79.6	70-130			
Toluene	0.0686	0.0050	"	0.0750		91.5	70-130			
Ethylbenzene	0.0760	0.0050	"	0.0750		101	70-130			
m,p-Xylene	0.165	0.010	"	0.150		110	70-130			
o-Xylene	0.0761	0.0050	"	0.0750		101	70-130			
1,2,4-Trimethylbenzene	0.0824	0.0050	"	0.0750		110	70-130			
1,3,5-Trimethylbenzene	0.0819	0.0050	"	0.0750		109	70-130			
Naphthalene	0.0681	0.0038	"	0.0750		90.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0379		"	0.0400		94.7	50-150			
Surrogate: Toluene-d8	0.0389		"	0.0400		97.3	50-150			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		100	50-150			

Matrix Spike (BFC0538-MS1)

Source: 2203386-01

Prepared: 03/23/22 Analyzed: 03/24/22

Benzene	0.0606	0.0020	mg/kg	0.0750	ND	80.8	70-130			
Toluene	0.0703	0.0050	"	0.0750	ND	93.7	70-130			
Ethylbenzene	0.0754	0.0050	"	0.0750	ND	101	70-130			
m,p-Xylene	0.160	0.010	"	0.150	ND	107	70-130			
o-Xylene	0.0757	0.0050	"	0.0750	ND	101	70-130			
1,2,4-Trimethylbenzene	0.0832	0.0050	"	0.0750	ND	111	70-130			
1,3,5-Trimethylbenzene	0.0816	0.0050	"	0.0750	ND	109	70-130			
Naphthalene	0.0838	0.0038	"	0.0750	ND	112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0404		"	0.0400		101	50-150			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.4	50-150			
Surrogate: 4-Bromofluorobenzene	0.0397		"	0.0400		99.2	50-150			

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

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 BFC0538 - EPA 5030 Soil MS

Matrix Spike Dup (BFC0538-MSD1)		Source: 2203386-01			Prepared: 03/23/22 Analyzed: 03/24/22					
Benzene	0.0639	0.0020	mg/kg	0.0750	ND	85.2	70-130	5.25	30	
Toluene	0.0723	0.0050	"	0.0750	ND	96.4	70-130	2.78	30	
Ethylbenzene	0.0740	0.0050	"	0.0750	ND	98.7	70-130	1.81	30	
m,p-Xylene	0.162	0.010	"	0.150	ND	108	70-130	0.951	30	
o-Xylene	0.0760	0.0050	"	0.0750	ND	101	70-130	0.514	30	
1,2,4-Trimethylbenzene	0.0843	0.0050	"	0.0750	ND	112	70-130	1.33	30	
1,3,5-Trimethylbenzene	0.0812	0.0050	"	0.0750	ND	108	70-130	0.516	30	
Naphthalene	0.0887	0.0038	"	0.0750	ND	118	70-130	5.60	30	
<hr/>										
Surrogate: 1,2-Dichloroethane-d4	0.0434		"	0.0400		108	50-150			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.4	50-150			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	50-150			

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BFC0539 - EPA 3550A

Blank (BFC0539-BLK1)

Prepared & Analyzed: 03/23/22

C10-C28 (DRO)	ND	50	mg/kg
C28-C36 (ORO)	ND	50	"

LCS (BFC0539-BS1)

Prepared & Analyzed: 03/23/22

C10-C28 (DRO)	445	50	mg/kg	500	89.0	70-130
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Matrix Spike (BFC0539-MS1)

Source: 2203386-01

Prepared & Analyzed: 03/23/22

C10-C28 (DRO)	457	50	mg/kg	500	29.1	85.6	70-130
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Matrix Spike Dup (BFC0539-MSD1)

Source: 2203386-01

Prepared: 03/23/22 Analyzed: 03/24/22

C10-C28 (DRO)	451	50	mg/kg	500	29.1	84.5	70-130	1.28	20
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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0705 - EPA 5030 Soil MS

Blank (BFC0705-BLK1)

Prepared: 03/30/22 Analyzed: 04/01/22

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	0.0307		"	0.0333		92.0	40-150			
Surrogate: Fluoranthene-d10	0.0260		"	0.0333		78.1	40-150			

LCS (BFC0705-BS1)

Prepared: 03/30/22 Analyzed: 04/01/22

Acenaphthene	0.0239	0.00500	mg/kg	0.0333		71.6	31-137			
Anthracene	0.0244	0.00500	"	0.0333		73.1	30-120			
Benzo (a) anthracene	0.0247	0.00500	"	0.0333		74.2	30-120			
Benzo (a) pyrene	0.0283	0.00500	"	0.0333		85.0	30-120			
Benzo (b) fluoranthene	0.0289	0.00500	"	0.0333		86.7	30-120			
Benzo (k) fluoranthene	0.0310	0.00500	"	0.0333		93.0	30-120			
Chrysene	0.0252	0.00500	"	0.0333		75.5	30-120			
Dibenz (a,h) anthracene	0.0263	0.00500	"	0.0333		78.8	30-120			
Fluoranthene	0.0268	0.00500	"	0.0333		80.5	30-120			
Fluorene	0.0241	0.00500	"	0.0333		72.4	30-120			
Indeno (1,2,3-cd) pyrene	0.0177	0.00500	"	0.0333		53.0	30-120			
Pyrene	0.0229	0.00500	"	0.0333		68.8	35-142			
1-Methylnaphthalene	0.0316	0.00500	"	0.0333		94.9	35-142			
2-Methylnaphthalene	0.0291	0.00500	"	0.0333		87.2	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0306		"	0.0333		91.9	40-150			
Surrogate: Fluoranthene-d10	0.0273		"	0.0333		81.9	40-150			

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0705 - EPA 5030 Soil MS

Matrix Spike (BFC0705-MS1)

Source: 2203358-01

Prepared: 03/30/22 Analyzed: 04/01/22

Acenaphthene	0.0167	0.00500	mg/kg	0.0333	ND	50.1	31-137		
Anthracene	0.0108	0.00500	"	0.0333	ND	32.3	30-120		
Benzo (a) anthracene	0.0161	0.00500	"	0.0333	ND	48.2	30-120		
Benzo (a) pyrene	0.0204	0.00500	"	0.0333	ND	61.3	30-120		
Benzo (b) fluoranthene	0.0175	0.00500	"	0.0333	ND	52.4	30-120		
Benzo (k) fluoranthene	0.0248	0.00500	"	0.0333	ND	74.5	30-120		
Chrysene	0.0164	0.00500	"	0.0333	ND	49.1	30-120		
Dibenz (a,h) anthracene	0.0198	0.00500	"	0.0333	ND	59.5	30-120		
Fluoranthene	0.0125	0.00500	"	0.0333	ND	37.4	30-120		
Fluorene	0.0232	0.00500	"	0.0333	ND	69.6	30-120		
Indeno (1,2,3-cd) pyrene	0.0198	0.00500	"	0.0333	ND	59.3	30-120		
Pyrene	0.0196	0.00500	"	0.0333	ND	58.8	35-142		
1-Methylnaphthalene	0.0122	0.00500	"	0.0333	ND	36.5	15-130		
2-Methylnaphthalene	0.0116	0.00500	"	0.0333	ND	34.7	15-130		
Surrogate: 2-Methylnaphthalene-d10	0.0151		"	0.0333		45.3	40-150		
Surrogate: Fluoranthene-d10	0.0191		"	0.0333		57.4	40-150		

Matrix Spike Dup (BFC0705-MSD1)

Source: 2203358-01

Prepared: 03/30/22 Analyzed: 04/01/22

Acenaphthene	0.0181	0.00500	mg/kg	0.0333	ND	54.4	31-137	8.20	30
Anthracene	0.0139	0.00500	"	0.0333	ND	41.8	30-120	25.6	30
Benzo (a) anthracene	0.0135	0.00500	"	0.0333	ND	40.5	30-120	17.5	30
Benzo (a) pyrene	0.0185	0.00500	"	0.0333	ND	55.6	30-120	9.75	30
Benzo (b) fluoranthene	0.0231	0.00500	"	0.0333	ND	69.3	30-120	27.7	30
Benzo (k) fluoranthene	0.0208	0.00500	"	0.0333	ND	62.3	30-120	17.8	30
Chrysene	0.0135	0.00500	"	0.0333	ND	40.6	30-120	18.8	30
Dibenz (a,h) anthracene	0.0216	0.00500	"	0.0333	ND	64.7	30-120	8.44	30
Fluoranthene	0.0155	0.00500	"	0.0333	ND	46.4	30-120	21.5	30
Fluorene	0.0239	0.00500	"	0.0333	ND	71.8	30-120	3.09	30
Indeno (1,2,3-cd) pyrene	0.0245	0.00500	"	0.0333	ND	73.4	30-120	21.3	30
Pyrene	0.0145	0.00500	"	0.0333	ND	43.5	35-142	30.0	30
1-Methylnaphthalene	0.0181	0.00500	"	0.0333	ND	54.4	15-130	39.3	50
2-Methylnaphthalene	0.0164	0.00500	"	0.0333	ND	49.2	15-130	34.7	50
Surrogate: 2-Methylnaphthalene-d10	0.0173		"	0.0333		52.0	40-150		
Surrogate: Fluoranthene-d10	0.0154		"	0.0333		46.1	40-150		

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:49

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

March 31, 2022

Jeb Watts

Tasman Geosciences

6855 W. 119th Ave.

Broomfield, CO 80020

RE: DCP - CR 17 & 34

Work Order #2203389

Enclosed are the results of analyses for samples received by Summit Scientific on 03/23/22 17:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury

President



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/31/22 12:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EWall216N@5'	2203389-02	Soil	03/23/22 15:23	03/23/22 17:07

Summit Scientific

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2203389

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Address: 6855 W 119th Ave

City/State/Zip: Broomfield, CO 80020

Phone: 303-487-1228 Fax:

Sampler Name: Brad Gobel

Project Manager: Jph wetts / chandler Corp

E-Mail: jwatts@tasman-gpo.com / cp.cole@dcprn.vtshogan.com / babbal@tasman-gpo.com

Project Name: CR17 & CR34

Project Number:

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S₂

Sample Receipt Checklist

S2 Work Order# 2203389Client: DCP/Tasman Client Project ID: CR17 & CR34

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

✓				
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Matrix (Check all that apply) | Air ☐ Soil/Solid ☒ Water ☐ Other ☐Temp (°C) 5.1Thermometer # 2

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6 °C ⁽¹⁾ ? NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	✓			ice
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are samples due within 48 hours present?	✓			same day
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			✓	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
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.			✓	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	

Additional Comments (if any):

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

SB
Custodian Printed Name

3/23/22 17:07
Date/Time



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/31/22 12:55

EWall216N@5'
2203389-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/23/22 15:23**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0622	03/28/22	03/28/22	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: **03/23/22 15:23**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		142 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/23/22 15:23**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0624	03/28/22	03/28/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/23/22 15:23**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		83.5 %	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.



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Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/31/22 12:55

EWall216N@5'
2203389-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/23/22 15:23**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0625	03/28/22	03/30/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/23/22 15:23**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		41.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		42.7 %	40-150		"	"	"	"	

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/31/22 12:55

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 BFC0622 - EPA 5030 Soil MS

Blank (BFC0622-BLK1)

Prepared: 03/28/22 Analyzed: 03/29/22

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	"							
Surrogate: 1,2-Dichloroethane-d4	0.0434		"	0.0400		109	50-150			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	50-150			
Surrogate: 4-Bromofluorobenzene	0.0405		"	0.0400		101	50-150			

LCS (BFC0622-BS1)

Prepared: 03/28/22 Analyzed: 03/29/22

Benzene	0.148	0.0020	mg/kg	0.150		98.8	70-130			
Toluene	0.146	0.0050	"	0.150		97.3	70-130			
Ethylbenzene	0.145	0.0050	"	0.150		96.7	70-130			
m,p-Xylene	0.287	0.010	"	0.300		95.8	70-130			
o-Xylene	0.146	0.0050	"	0.150		97.0	70-130			
1,2,4-Trimethylbenzene	0.144	0.0050	"	0.150		96.3	70-130			
1,3,5-Trimethylbenzene	0.144	0.0050	"	0.150		95.8	70-130			
Naphthalene	0.147	0.0038	"	0.150		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0389		"	0.0400		97.4	50-150			
Surrogate: Toluene-d8	0.0403		"	0.0400		101	50-150			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		98.9	50-150			

Matrix Spike (BFC0622-MS1)

Source: 2203403-01

Prepared: 03/28/22 Analyzed: 03/29/22

Benzene	0.134	0.0020	mg/kg	0.150	ND	89.3	70-130			
Toluene	0.134	0.0050	"	0.150	ND	89.0	70-130			
Ethylbenzene	0.128	0.0050	"	0.150	ND	85.7	70-130			
m,p-Xylene	0.248	0.010	"	0.300	ND	82.7	70-130			
o-Xylene	0.130	0.0050	"	0.150	ND	86.4	70-130			
1,2,4-Trimethylbenzene	0.108	0.0050	"	0.150	ND	72.2	70-130			
1,3,5-Trimethylbenzene	0.116	0.0050	"	0.150	ND	77.5	70-130			
Naphthalene	0.155	0.0038	"	0.150	ND	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0406		"	0.0400		101	50-150			
Surrogate: Toluene-d8	0.0396		"	0.0400		99.0	50-150			
Surrogate: 4-Bromofluorobenzene	0.0403		"	0.0400		101	50-150			

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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/31/22 12:55

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 BFC0622 - EPA 5030 Soil MS

Matrix Spike Dup (BFC0622-MSD1)	Source: 2203403-01			Prepared: 03/28/22 Analyzed: 03/29/22						
Benzene	0.124	0.0020	mg/kg	0.150	ND	83.0	70-130	7.38	30	
Toluene	0.123	0.0050	"	0.150	ND	82.0	70-130	8.24	30	
Ethylbenzene	0.118	0.0050	"	0.150	ND	78.7	70-130	8.42	30	
m,p-Xylene	0.227	0.010	"	0.300	ND	75.6	70-130	8.94	30	
o-Xylene	0.118	0.0050	"	0.150	ND	78.9	70-130	9.03	30	
1,2,4-Trimethylbenzene	0.132	0.0050	"	0.150	ND	87.7	70-130	19.3	30	
1,3,5-Trimethylbenzene	0.109	0.0050	"	0.150	ND	72.4	70-130	6.80	30	
Naphthalene	0.148	0.0038	"	0.150	ND	98.6	70-130	4.77	30	
Surrogate: 1,2-Dichloroethane-d4	0.0399		"	0.0400		99.8	50-150			
Surrogate: Toluene-d8	0.0400		"	0.0400		100	50-150			
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		98.1	50-150			

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/31/22 12:55

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BFC0624 - EPA 3550A

Blank (BFC0624-BLK1)

Prepared: 03/28/22 Analyzed: 03/29/22

C10-C28 (DRO)	ND	50	mg/kg
C28-C36 (ORO)	ND	50	"

LCS (BFC0624-BS1)

Prepared: 03/28/22 Analyzed: 03/29/22

C10-C28 (DRO)	468	50	mg/kg	500	93.5	70-130
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Matrix Spike (BFC0624-MS1)

Source: 2203414-01

Prepared: 03/28/22 Analyzed: 03/29/22

C10-C28 (DRO)	464	50	mg/kg	500	32.9	86.2	70-130
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Matrix Spike Dup (BFC0624-MSD1)

Source: 2203414-01

Prepared: 03/28/22 Analyzed: 03/29/22

C10-C28 (DRO)	465	50	mg/kg	500	32.9	86.3	70-130	0.114	20
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Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/31/22 12:55

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0625 - EPA 5030 Soil MS

Blank (BFC0625-BLK1)

Prepared: 03/28/22 Analyzed: 03/30/22

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	0.0172		"	0.0333		51.5	40-150			
Surrogate: Fluoranthene-d10	0.0174		"	0.0333		52.1	40-150			

LCS (BFC0625-BS1)

Prepared: 03/28/22 Analyzed: 03/30/22

Acenaphthene	0.0201	0.00500	mg/kg	0.0333		60.2	31-137			
Anthracene	0.0262	0.00500	"	0.0333		78.7	30-120			
Benzo (a) anthracene	0.0232	0.00500	"	0.0333		69.5	30-120			
Benzo (a) pyrene	0.0251	0.00500	"	0.0333		75.4	30-120			
Benzo (b) fluoranthene	0.0253	0.00500	"	0.0333		75.8	30-120			
Benzo (k) fluoranthene	0.0146	0.00500	"	0.0333		43.8	30-120			
Chrysene	0.0254	0.00500	"	0.0333		76.2	30-120			
Dibenz (a,h) anthracene	0.0191	0.00500	"	0.0333		57.4	30-120			
Fluoranthene	0.0267	0.00500	"	0.0333		80.1	30-120			
Fluorene	0.0230	0.00500	"	0.0333		68.9	30-120			
Indeno (1,2,3-cd) pyrene	0.0243	0.00500	"	0.0333		72.9	30-120			
Pyrene	0.0266	0.00500	"	0.0333		79.8	35-142			
1-Methylnaphthalene	0.0237	0.00500	"	0.0333		71.0	35-142			
2-Methylnaphthalene	0.0248	0.00500	"	0.0333		74.4	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0258		"	0.0333		77.4	40-150			
Surrogate: Fluoranthene-d10	0.0255		"	0.0333		76.6	40-150			

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/31/22 12:55

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0625 - EPA 5030 Soil MS

Matrix Spike (BFC0625-MS1)

Source: 2203427-01

Prepared: 03/28/22 Analyzed: 03/30/22

Acenaphthene	0.0136	0.00500	mg/kg	0.0333	ND	40.7	31-137				
Anthracene	0.0205	0.00500	"	0.0333	ND	61.4	30-120				
Benzo (a) anthracene	0.0195	0.00500	"	0.0333	ND	58.6	30-120				
Benzo (a) pyrene	0.0209	0.00500	"	0.0333	ND	62.6	30-120				
Benzo (b) fluoranthene	0.0137	0.00500	"	0.0333	ND	41.0	30-120				
Benzo (k) fluoranthene	0.0191	0.00500	"	0.0333	ND	57.3	30-120				
Chrysene	0.0209	0.00500	"	0.0333	ND	62.7	30-120				
Dibenz (a,h) anthracene	0.0156	0.00500	"	0.0333	ND	46.8	30-120				
Fluoranthene	0.0220	0.00500	"	0.0333	ND	65.9	30-120				
Fluorene	0.0152	0.00500	"	0.0333	ND	45.6	30-120				
Indeno (1,2,3-cd) pyrene	0.0209	0.00500	"	0.0333	ND	62.8	30-120				
Pyrene	0.0213	0.00500	"	0.0333	ND	64.0	35-142				
1-Methylnaphthalene	0.0185	0.00500	"	0.0333	ND	55.4	15-130				
2-Methylnaphthalene	0.0214	0.00500	"	0.0333	ND	64.3	15-130				
Surrogate: 2-Methylnaphthalene-d10	0.0204		"	0.0333		61.3	40-150				
Surrogate: Fluoranthene-d10	0.0211		"	0.0333		63.3	40-150				

Matrix Spike Dup (BFC0625-MSD1)

Source: 2203427-01

Prepared: 03/28/22 Analyzed: 03/30/22

Acenaphthene	0.0151	0.00500	mg/kg	0.0333	ND	45.2	31-137	10.4	30
Anthracene	0.0197	0.00500	"	0.0333	ND	59.2	30-120	3.63	30
Benzo (a) anthracene	0.0193	0.00500	"	0.0333	ND	57.9	30-120	1.24	30
Benzo (a) pyrene	0.0179	0.00500	"	0.0333	ND	53.6	30-120	15.5	30
Benzo (b) fluoranthene	0.0152	0.00500	"	0.0333	ND	45.5	30-120	10.5	30
Benzo (k) fluoranthene	0.0201	0.00500	"	0.0333	ND	60.3	30-120	5.12	30
Chrysene	0.0196	0.00500	"	0.0333	ND	58.9	30-120	6.16	30
Dibenz (a,h) anthracene	0.0186	0.00500	"	0.0333	ND	55.7	30-120	17.3	30
Fluoranthene	0.0217	0.00500	"	0.0333	ND	65.2	30-120	1.07	30
Fluorene	0.0153	0.00500	"	0.0333	ND	46.0	30-120	1.03	30
Indeno (1,2,3-cd) pyrene	0.0197	0.00500	"	0.0333	ND	59.0	30-120	6.33	30
Pyrene	0.0222	0.00500	"	0.0333	ND	66.7	35-142	4.19	30
1-Methylnaphthalene	0.0159	0.00500	"	0.0333	ND	47.7	15-130	15.0	50
2-Methylnaphthalene	0.0340	0.00500	"	0.0333	ND	102	15-130	45.3	50
Surrogate: 2-Methylnaphthalene-d10	0.0347		"	0.0333		104	40-150		
Surrogate: Fluoranthene-d10	0.0356		"	0.0333		107	40-150		

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/31/22 12:55

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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

March 30, 2022

Jeb Watts

Tasman Geosciences

6855 W. 119th Ave.

Broomfield, CO 80020

RE: DCP - CR 17 & 34

Work Order #2203410

Enclosed are the results of analyses for samples received by Summit Scientific on 03/24/22 17:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Muri Premier", is displayed on a light purple rectangular background.

Muri Premier For Paul Shrewsbury
President



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WWall241N@5'	2203410-01	Soil	03/24/22 11:50	03/24/22 17:30
EWall241N@5'	2203410-02	Soil	03/24/22 11:55	03/24/22 17:30
Base241N@7'	2203410-03	Soil	03/24/22 12:05	03/24/22 17:30
EWall266N@4'	2203410-04	Soil	03/24/22 12:13	03/24/22 17:30
EWall317N@4'	2203410-06	Soil	03/24/22 12:22	03/24/22 17:30
EWall342N@4'	2203410-07	Soil	03/24/22 12:27	03/24/22 17:30
EWall367N@4'	2203410-08	Soil	03/24/22 12:30	03/24/22 17:30
Base367N@7'	2203410-09	Soil	03/24/22 12:50	03/24/22 17:30
WWall367N@7'	2203410-10	Soil	03/24/22 12:58	03/24/22 17:30
Base342N@7'	2203410-11	Soil	03/24/22 13:02	03/24/22 17:30
WWall342N@4'	2203410-12	Soil	03/24/22 13:05	03/24/22 17:30
Base317N@7'	2203410-13	Soil	03/24/22 13:10	03/24/22 17:30
WWall317N@4'	2203410-14	Soil	03/24/22 13:16	03/24/22 17:30
Base291N@10.5'	2203410-16	Soil	03/24/22 14:37	03/24/22 17:30
WWall291N@8'	2203410-17	Soil	03/24/22 14:52	03/24/22 17:30
EWall291N@8'	2203410-18	Soil	03/24/22 14:47	03/24/22 17:30
Base266N@7'	2203410-19	Soil	03/24/22 14:58	03/24/22 17:30
WWall266N@5'	2203410-20	Soil	03/24/22 15:01	03/24/22 17:30
SWall275N@7'	2203410-21	Soil	03/24/22 15:24	03/24/22 17:30
NWall296N@7'	2203410-22	Soil	03/24/22 15:42	03/24/22 17:30
WWall216N@4'	2203410-23	Soil	03/24/22 15:50	03/24/22 17:30
EWall191N3@4'	2203410-24	Soil	03/24/22 15:59	03/24/22 17:30

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

2203410.1

S₂

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310

Client: DCP/Tasman

Project Manager: Jeb Watts/Chandler Cole

Page 1 of 3

Address: 6855 W. 19th Ave.

E-Mail: jwatts@tasman-gco.com vsruggs@tasman-gco.com
cerolr@dcpmidstream.com

City/State/Zip: Broomfield CO 80020

Phone: 303-487-1228

Project Name: CR 17 + CR 34

Sampler Name: VADE SCRUGGS

Project Number:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested								Special Instructions			
					HCl	HNO ₃	None	Other	Water	Soil	Air-Canister #	Other	9/5 VOCs	9/5 TPH	PAHs									
1	WWa11241N@5'	3/24/22	1150	2						X				X	X	X							PAHs ONLY 1/2-methylphthalate chrysene Fluorene	
2	EWa11241N@5'		1155											X	X	X								
3	Base 241N@7'		1205											X	X	X								
4	EWa11266N@4'		1213											X	X	X								
5	EWa11291N@4'		1216												X	X	X							
6	EWa11317N@4'		1222												X	X	X							HOLD
7	EWa11342N@4'		1227												X	X	X							
8	EWa11367N@4'		1230												X	X	X							
9	Base 367N@7'		1250												X	X	X							
10	WWa11367N@4'		1258												X	X	X							

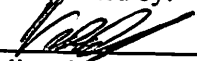

Relinquished by: <i>[Signature]</i>	Date/Time: 3/24/22 1735	Received by: <i>[Signature]</i>	Date/Time: 1750 24 MAR 22	Turn Around Time (Check)	Notes: PAHs Standard TAT
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day	
				24 hours	
				48 hours <input checked="" type="checkbox"/>	
Temperature Upon Receipt: 14.8°C	Corrected Temperature	HNO ₃ lot #	Sample Integrity:	Samples Intact: Yes No	
IR gun correction:	IR gun #:				

Summit Scientific
S₂

2203410.2

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310

Client: DCP/Tasman Project Manager: Job Watt/Handle Gole Page 2 of 3
Address: See Page 1 E-Mail: See page 1
City/State/Zip: _____
Phone: _____
Sampler Name: _____ Project Name: CR17 & CR34
Project Number: _____

					Preservative				Matrix				Analysis Requested								Special Instructions								
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	915 VOLs	915 TPH	PAHs														
1	Base 342 N@ 7'	3/24/22	1302	2						X			X	X	X														* PAHs ONLY 1/2-methylpropylbenzene chloroacetylene
2	WWall 342 N@ 4'		1305							X			X	X	X														
3	Base 317 N@ 7'		1310							X			X	X	X														
4	WWall 317 N@ 4'		1316							X			X	X	X														
5	WWall 291 N@ 5'		1322							X			X	X	X														
6	Base 291 N@ 10.5'		1437							X			X	X	X														HOLD
7	WWall 291 N@ 8'		1452							X			X	X	X														
8	WWall 291 N@ 8'		1447							X			X	X	X														
9	Base 266 N@ 7'		1458							X			X	X	X														
10	WWall 266 N@ 5'		1501							X			X	X	X														
Relinquished by:		Date/Time:		Received by:		Date/Time:		Turn Around Time		(Check)		Notes:																	
		3/24/22 1735				1750		Same Day		72 hours		PAHs on																	
Relinquished by:		Date/Time:		Received by:		Date/Time:		24 hours		Standard		Standard TAT																	
								48 hours		X																			
Temperature Upon Receipt: 14.8 °C				Corrected Temperature _____				HNO3 lot # _____				Sample Integrity:																	
IR gun correction: _____				IR gun #: _____				Samples Intact: Yes No																					

Summit Scientific

S₂

2203410.3

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310

Client: DCE/TASMAN Project Manager: Job Watts/ Chandler Cole Page 3 of 3
Address: See Page 1 E-Mail: See page 1
City/State/Zip: _____
Phone: _____
Sampler Name: _____ Project Name: CR17 + CR34
Project Number: _____

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested								Special Instructions
					HCl	HNO ₃	None	Other	Water	Soil	Air-Canister #	Other	915VOCs	915TPH	*PAHs						
1	SW1127511@ 7'	3/24/22	1534	2																	* PAHs ONLY 1/2 4000x4000x1000 fluorene chrysene
2	NW1129611@ 7'	↓	1542	1																	
3	WW11216N@ 4'	↓	1550	1																	
4	EW11191N3@ 4'	↓	1559	1																	
5																					
6																					
7																					
8																					
9																					
10																					

Relinquished by: <u>[Signature]</u>	Date/Time: <u>3/24/22 1735</u>	Received by: <u>[Signature]</u>	Date/Time: <u>24 MAR 22 1750</u>	Turn Around Time (Check)	Notes: Standard TAT on PAHs
Relinquished by: _____	Date/Time: _____	Received by: _____	Date/Time: _____	Same Day _____ 72 hours _____	
				24 hours _____ Standard <u>PAH</u>	
Temperature Upon Receipt: <u>14.8°C</u>	Corrected Temperature _____	HNO ₃ lot # _____	Sample Integrity:	Samples Intact: Yes _____ No _____	
IR gun correction: _____	IR gun #: _____				

S₂

Sample Receipt Checklist

S2 Work Order# 2203410Client: DCP TASMAN Client Project ID: CR17+CR34

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

X				
---	--	--	--	--

Matrix (Check all that apply) | Air ☐ Soil/Solid ☒ Water ☐ Other ☐Temp (°C) 14.8°CThermometer # 02

	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.	X			
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
If custody seals are present, are they intact ⁽¹⁾ ?			X	
Are samples due within 48 hours present?	X			
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			X	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			X	
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.			X	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			X	
If dissolved metals are requested, were samples field filtered?			X	

Additional Comments (if any):

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

Robert Connolly
Custodian Printed Name

24 MAR 22
Date/Time

24/MAR 22 1750



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall241N@5'
2203410-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/25/22	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: **03/24/22 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.2 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall241N@5'
2203410-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		55.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		56.7 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall241N@5'
2203410-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		109 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall241N@5'
2203410-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		59.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		47.6 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base241N@7'
2203410-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		102 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.1 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base241N@7'
2203410-03 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		43.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		41.2 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall266N@4'
2203410-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 12:13**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 12:13**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		107 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.9 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 12:13**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:13**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		102 %	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall266N@4'
2203410-04 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 12:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	44.5 %	40-150			"	"	"	"	
Surrogate: Fluoranthene-d10	45.1 %	40-150			"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall317N@4'
2203410-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		111 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.3 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:22**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall317N@4'
2203410-06 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 12:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		43.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		42.6 %	40-150		"	"	"	"	

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall342N@4'
2203410-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 12:27**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 12:27**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		104 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.9 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 12:27**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:27**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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6855 W. 119th Ave.
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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall342N@4'
2203410-07 (Soil)

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PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 12:27**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:27**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		45.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		48.8 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall367N@4'
2203410-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		105 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.7 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		98.1 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall367N@4'
2203410-08 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		56.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		54.0 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base367N@7'
2203410-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		109 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.8 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		99.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base367N@7'
2203410-09 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10		61.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		59.9 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall367N@7'
2203410-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 12:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 12:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		100 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.7 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 12:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		114 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall367N@7'
2203410-10 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 12:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 12:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		46.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		49.1 %	40-150		"	"	"	"	

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base342N@7'
2203410-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 13:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.26	0.020	mg/kg	10	BFC0595	03/25/22	03/26/22	EPA 8260B	
Toluene	3.7	0.050	"	"	"	"	"	"	
Ethylbenzene	1.2	0.050	"	"	"	"	"	"	
Xylenes (total)	9.2	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	3.3	0.050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	0.94	0.050	"	"	"	"	"	"	
Naphthalene	0.42	0.038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	120	5.0	"	"	"	"	"	"	

Date Sampled: **03/24/22 13:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	50-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	50-150		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		128 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 13:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	210	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 13:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		103 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base342N@7'
2203410-11 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 13:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	0.0142	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	0.0448	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	0.386	0.0500	"	10	"	"	"	"	
2-Methylnaphthalene	0.569	0.0500	"	"	"	"	"	"	

Date Sampled: **03/24/22 13:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		36.7 %	40-150		"	"	"	"	S-02
Surrogate: Fluoranthene-d10		65.6 %	40-150		"	"	"	"	

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall342N@4'
2203410-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		109 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		98.3 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall342N@4'
2203410-12 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		48.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		50.4 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base317N@7'
2203410-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		109 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		105 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.9 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 13:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		97.0 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base317N@7'
2203410-13 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		57.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		58.5 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall317N@4'
2203410-14 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 13:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 13:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		110 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.3 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 13:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 13:16**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		98.5 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall317N@4'
2203410-14 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 13:16**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 13:16**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		61.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		57.7 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base291N@10.5'
2203410-16 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 14:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 14:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.4 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 14:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 14:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base291N@10.5'
2203410-16 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 14:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 14:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		49.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		50.5 %	40-150		"	"	"	"	

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Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall291N@8'
2203410-17 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 14:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 14:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.0 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 14:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 14:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		96.1 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall291N@8'
2203410-17 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 14:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 14:52**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		54.6 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		54.0 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall291N@8'
2203410-18 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 14:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 14:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		107 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 14:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 14:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.0 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall291N@8'
2203410-18 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 14:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 14:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		50.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		50.2 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base266N@7'
2203410-19 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 14:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 14:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.8 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 14:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 14:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		93.7 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Base266N@7'
2203410-19 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 14:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 14:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		41.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		59.8 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall266N@5'
2203410-20 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 15:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 15:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		101 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		100 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.7 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 15:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 15:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		94.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall266N@5'
2203410-20 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 15:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 15:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		59.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		56.8 %	40-150		"	"	"	"	

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

SWall275N@7'
2203410-21 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 15:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 15:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.6 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.2 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 15:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 15:24**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		93.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

SWall275N@7'
2203410-21 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 15:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 15:24**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		47.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		55.3 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

NWall296N@7'
2203410-22 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 15:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFC0595	03/25/22	03/26/22	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: **03/24/22 15:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 15:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0597	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 15:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		92.2 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

NWall296N@7'
2203410-22 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 15:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0592	03/25/22	03/26/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 15:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		42.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		41.0 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall216N@4'
2203410-23 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 15:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0596	03/25/22	03/26/22	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: **03/24/22 15:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		109 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 15:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0598	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 15:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		94.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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6855 W. 119th Ave.
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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

WWall216N@4'
2203410-23 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0591	03/25/22	03/27/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		61.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		58.5 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall191N3@4'
2203410-24 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/24/22 15:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0596	03/25/22	03/26/22	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: **03/24/22 15:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.2 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.4 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/24/22 15:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0598	03/25/22	03/27/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/24/22 15:59**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		93.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

EWall191N3@4'
2203410-24 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/24/22 15:59**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0591	03/25/22	03/27/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/24/22 15:59**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		59.2 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		43.4 %	40-150		"	"	"	"	

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Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

Batch BFC0595 - EPA 5030 Soil MS

Blank (BFC0595-BLK1)

Prepared & Analyzed: 03/25/22

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	"							
Surrogate: 1,2-Dichloroethane-d4	0.0398		"	0.0400		99.4	50-150			
Surrogate: Toluene-d8	0.0400		"	0.0400		100	50-150			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	50-150			

LCS (BFC0595-BS1)

Prepared & Analyzed: 03/25/22

Benzene	0.0631	0.0020	mg/kg	0.0750		84.1	70-130			
Toluene	0.0743	0.0050	"	0.0750		99.1	70-130			
Ethylbenzene	0.0814	0.0050	"	0.0750		109	70-130			
m,p-Xylene	0.171	0.010	"	0.150		114	70-130			
o-Xylene	0.0794	0.0050	"	0.0750		106	70-130			
1,2,4-Trimethylbenzene	0.0858	0.0050	"	0.0750		114	70-130			
1,3,5-Trimethylbenzene	0.0838	0.0050	"	0.0750		112	70-130			
Naphthalene	0.0819	0.0038	"	0.0750		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0403		"	0.0400		101	50-150			
Surrogate: Toluene-d8	0.0406		"	0.0400		102	50-150			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	50-150			

Matrix Spike (BFC0595-MS1)

Source: 2203410-01

Prepared & Analyzed: 03/25/22

Benzene	0.0631	0.0020	mg/kg	0.0750	ND	84.2	70-130			
Toluene	0.0750	0.0050	"	0.0750	ND	100	70-130			
Ethylbenzene	0.0814	0.0050	"	0.0750	ND	109	70-130			
m,p-Xylene	0.172	0.010	"	0.150	ND	114	70-130			
o-Xylene	0.0811	0.0050	"	0.0750	ND	108	70-130			
1,2,4-Trimethylbenzene	0.0875	0.0050	"	0.0750	ND	117	70-130			
1,3,5-Trimethylbenzene	0.0861	0.0050	"	0.0750	ND	115	70-130			
Naphthalene	0.0874	0.0038	"	0.0750	ND	116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0385		"	0.0400		96.3	50-150			
Surrogate: Toluene-d8	0.0407		"	0.0400		102	50-150			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.5	50-150			

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

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 BFC0595 - EPA 5030 Soil MS

Matrix Spike Dup (BFC0595-MSD1)

Source: 2203410-01

Prepared & Analyzed: 03/25/22

Benzene	0.0657	0.0020	mg/kg	0.0750	ND	87.6	70-130	4.05	30	
Toluene	0.0758	0.0050	"	0.0750	ND	101	70-130	1.07	30	
Ethylbenzene	0.0821	0.0050	"	0.0750	ND	110	70-130	0.844	30	
m,p-Xylene	0.172	0.010	"	0.150	ND	115	70-130	0.489	30	
o-Xylene	0.0810	0.0050	"	0.0750	ND	108	70-130	0.148	30	
1,2,4-Trimethylbenzene	0.0881	0.0050	"	0.0750	ND	117	70-130	0.718	30	
1,3,5-Trimethylbenzene	0.0877	0.0050	"	0.0750	ND	117	70-130	1.83	30	
Naphthalene	0.0905	0.0038	"	0.0750	ND	121	70-130	3.51	30	
Surrogate: 1,2-Dichloroethane-d4	0.0409		"	0.0400		102	50-150			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	50-150			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.6	50-150			

Batch BFC0596 - EPA 5030 Soil MS

Blank (BFC0596-BLK1)

Prepared: 03/25/22 Analyzed: 03/26/22

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	"							
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0400		107	50-150			
Surrogate: Toluene-d8	0.0406		"	0.0400		101	50-150			
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		98.0	50-150			

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Broomfield CO, 80020

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

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

Batch BFC0596 - EPA 5030 Soil MS

LCS (BFC0596-BS1)

Prepared: 03/25/22 Analyzed: 03/26/22

Benzene	0.0667	0.0020	mg/kg	0.0750		88.9	70-130			
Toluene	0.0753	0.0050	"	0.0750		100	70-130			
Ethylbenzene	0.0810	0.0050	"	0.0750		108	70-130			
m,p-Xylene	0.169	0.010	"	0.150		113	70-130			
o-Xylene	0.0796	0.0050	"	0.0750		106	70-130			
1,2,4-Trimethylbenzene	0.0857	0.0050	"	0.0750		114	70-130			
1,3,5-Trimethylbenzene	0.0840	0.0050	"	0.0750		112	70-130			
Naphthalene	0.0947	0.0038	"	0.0750		126	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0384		"	0.0400		96.0	50-150			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	50-150			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	50-150			

Matrix Spike (BFC0596-MS1)

Source: 2203410-23

Prepared: 03/25/22 Analyzed: 03/26/22

Benzene	0.0586	0.0020	mg/kg	0.0750	ND	78.2	70-130			
Toluene	0.0669	0.0050	"	0.0750	ND	89.2	70-130			
Ethylbenzene	0.0677	0.0050	"	0.0750	ND	90.3	70-130			
m,p-Xylene	0.142	0.010	"	0.150	ND	94.9	70-130			
o-Xylene	0.0682	0.0050	"	0.0750	ND	90.9	70-130			
1,2,4-Trimethylbenzene	0.0740	0.0050	"	0.0750	ND	98.7	70-130			
1,3,5-Trimethylbenzene	0.0715	0.0050	"	0.0750	ND	95.4	70-130			
Naphthalene	0.0882	0.0038	"	0.0750	ND	118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0395		"	0.0400		98.8	50-150			
Surrogate: Toluene-d8	0.0413		"	0.0400		103	50-150			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		99.0	50-150			

Matrix Spike Dup (BFC0596-MSD1)

Source: 2203410-23

Prepared: 03/25/22 Analyzed: 03/26/22

Benzene	0.0592	0.0020	mg/kg	0.0750	ND	78.9	70-130	0.917	30	
Toluene	0.0681	0.0050	"	0.0750	ND	90.8	70-130	1.73	30	
Ethylbenzene	0.0706	0.0050	"	0.0750	ND	94.1	70-130	4.12	30	
m,p-Xylene	0.151	0.010	"	0.150	ND	101	70-130	5.85	30	
o-Xylene	0.0709	0.0050	"	0.0750	ND	94.5	70-130	3.93	30	
1,2,4-Trimethylbenzene	0.0777	0.0050	"	0.0750	ND	104	70-130	4.86	30	
1,3,5-Trimethylbenzene	0.0742	0.0050	"	0.0750	ND	99.0	70-130	3.75	30	
Naphthalene	0.0884	0.0038	"	0.0750	ND	118	70-130	0.204	30	
Surrogate: 1,2-Dichloroethane-d4	0.0387		"	0.0400		96.8	50-150			
Surrogate: Toluene-d8	0.0409		"	0.0400		102	50-150			
Surrogate: 4-Bromofluorobenzene	0.0409		"	0.0400		102	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BFC0597 - EPA 3550A

Blank (BFC0597-BLK1)

Prepared: 03/25/22 Analyzed: 03/27/22

C10-C28 (DRO)	ND	50	mg/kg							
C28-C36 (ORO)	ND	50	"							

LCS (BFC0597-BS1)

Prepared: 03/25/22 Analyzed: 03/27/22

C10-C28 (DRO)	483	50	mg/kg	500		96.6	70-130			
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Matrix Spike (BFC0597-MS1)

Source: 2203410-01

Prepared: 03/25/22 Analyzed: 03/27/22

C10-C28 (DRO)	490	50	mg/kg	500	31.1	91.9	70-130			
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Matrix Spike Dup (BFC0597-MSD1)

Source: 2203410-01

Prepared: 03/25/22 Analyzed: 03/27/22

C10-C28 (DRO)	487	50	mg/kg	500	31.1	91.2	70-130	0.676	20	
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Batch BFC0598 - EPA 3550A

Blank (BFC0598-BLK1)

Prepared: 03/25/22 Analyzed: 03/27/22

C10-C28 (DRO)	ND	50	mg/kg							
C28-C36 (ORO)	ND	50	"							

LCS (BFC0598-BS1)

Prepared: 03/25/22 Analyzed: 03/27/22

C10-C28 (DRO)	476	50	mg/kg	500		95.2	70-130			
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Matrix Spike (BFC0598-MS1)

Source: 2203410-23

Prepared: 03/25/22 Analyzed: 03/27/22

C10-C28 (DRO)	467	50	mg/kg	500	36.3	86.2	70-130			
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Matrix Spike Dup (BFC0598-MSD1)

Source: 2203410-23

Prepared: 03/25/22 Analyzed: 03/27/22

C10-C28 (DRO)	462	50	mg/kg	500	36.3	85.1	70-130	1.24	20	
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Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0591 - EPA 5030 Soil MS

Blank (BFC0591-BLK1)

Prepared: 03/25/22 Analyzed: 03/26/22

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	0.0202		"	0.0333		60.6	40-150			
Surrogate: Fluoranthene-d10	0.0181		"	0.0333		54.3	40-150			

LCS (BFC0591-BS1)

Prepared: 03/25/22 Analyzed: 03/26/22

Acenaphthene	0.0272	0.00500	mg/kg	0.0333		81.7	31-137			
Anthracene	0.0280	0.00500	"	0.0333		83.9	30-120			
Benzo (a) anthracene	0.0285	0.00500	"	0.0333		85.6	30-120			
Benzo (a) pyrene	0.0274	0.00500	"	0.0333		82.2	30-120			
Benzo (b) fluoranthene	0.0285	0.00500	"	0.0333		85.4	30-120			
Benzo (k) fluoranthene	0.0303	0.00500	"	0.0333		91.0	30-120			
Chrysene	0.0306	0.00500	"	0.0333		91.7	30-120			
Dibenz (a,h) anthracene	0.0242	0.00500	"	0.0333		72.5	30-120			
Fluoranthene	0.0250	0.00500	"	0.0333		75.0	30-120			
Fluorene	0.0280	0.00500	"	0.0333		84.1	30-120			
Indeno (1,2,3-cd) pyrene	0.0227	0.00500	"	0.0333		68.2	30-120			
Pyrene	0.0309	0.00500	"	0.0333		92.6	35-142			
1-Methylnaphthalene	0.0268	0.00500	"	0.0333		80.5	35-142			
2-Methylnaphthalene	0.0250	0.00500	"	0.0333		75.1	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0259		"	0.0333		77.8	40-150			
Surrogate: Fluoranthene-d10	0.0257		"	0.0333		77.0	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.



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0591 - EPA 5030 Soil MS

Matrix Spike (BFC0591-MS1)

Source: 2203403-01

Prepared: 03/25/22 Analyzed: 03/26/22

Acenaphthene	0.0249	0.00500	mg/kg	0.0333	ND	74.7	31-137			
Anthracene	0.0254	0.00500	"	0.0333	0.00305	67.1	30-120			
Benzo (a) anthracene	0.0309	0.00500	"	0.0333	0.00421	80.0	30-120			
Benzo (a) pyrene	0.0310	0.00500	"	0.0333	ND	93.0	30-120			
Benzo (b) fluoranthene	0.0234	0.00500	"	0.0333	ND	70.2	30-120			
Benzo (k) fluoranthene	0.0206	0.00500	"	0.0333	ND	61.8	30-120			
Chrysene	0.0331	0.00500	"	0.0333	0.00615	80.9	30-120			
Dibenz (a,h) anthracene	0.0191	0.00500	"	0.0333	ND	57.2	30-120			
Fluoranthene	0.0275	0.00500	"	0.0333	0.00556	65.8	30-120			
Fluorene	0.0253	0.00500	"	0.0333	ND	75.8	30-120			
Indeno (1,2,3-cd) pyrene	0.0201	0.00500	"	0.0333	ND	60.4	30-120			
Pyrene	0.0496	0.00500	"	0.0333	0.0143	106	35-142			
1-Methylnaphthalene	0.0223	0.00500	"	0.0333	ND	66.9	15-130			
2-Methylnaphthalene	0.0194	0.00500	"	0.0333	ND	58.4	15-130			
Surrogate: 2-Methylnaphthalene-d10	0.0197		"	0.0333		59.1	40-150			
Surrogate: Fluoranthene-d10	0.0208		"	0.0333		62.3	40-150			

Matrix Spike Dup (BFC0591-MSD1)

Source: 2203403-01

Prepared: 03/25/22 Analyzed: 03/26/22

Acenaphthene	0.0277	0.00500	mg/kg	0.0333	ND	83.1	31-137	10.6	30	
Anthracene	0.0253	0.00500	"	0.0333	0.00305	66.7	30-120	0.501	30	
Benzo (a) anthracene	0.0251	0.00500	"	0.0333	0.00421	62.7	30-120	20.5	30	
Benzo (a) pyrene	0.0233	0.00500	"	0.0333	ND	69.9	30-120	28.4	30	
Benzo (b) fluoranthene	0.0266	0.00500	"	0.0333	ND	79.7	30-120	12.6	30	
Benzo (k) fluoranthene	0.0229	0.00500	"	0.0333	ND	68.7	30-120	10.5	30	
Chrysene	0.0267	0.00500	"	0.0333	0.00615	61.6	30-120	21.5	30	
Dibenz (a,h) anthracene	0.0197	0.00500	"	0.0333	ND	59.2	30-120	3.45	30	
Fluoranthene	0.0279	0.00500	"	0.0333	0.00556	66.9	30-120	1.40	30	
Fluorene	0.0213	0.00500	"	0.0333	ND	64.0	30-120	16.9	30	
Indeno (1,2,3-cd) pyrene	0.0229	0.00500	"	0.0333	ND	68.7	30-120	12.9	30	
Pyrene	0.0463	0.00500	"	0.0333	0.0143	95.9	35-142	7.04	30	
1-Methylnaphthalene	0.0214	0.00500	"	0.0333	ND	64.2	15-130	4.17	50	
2-Methylnaphthalene	0.0119	0.00500	"	0.0333	ND	35.6	15-130	48.4	50	
Surrogate: 2-Methylnaphthalene-d10	0.0244		"	0.0333		73.2	40-150			
Surrogate: Fluoranthene-d10	0.0190		"	0.0333		56.9	40-150			

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0592 - EPA 5030 Soil MS

Blank (BFC0592-BLK1)

Prepared & Analyzed: 03/25/22

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	0.0235	"	0.0333	70.4	40-150
Surrogate: Fluoranthene-d10	0.0226	"	0.0333	67.8	40-150

LCS (BFC0592-BS1)

Prepared & Analyzed: 03/25/22

Acenaphthene	0.0236	0.00500	mg/kg	0.0333	70.8	31-137
Anthracene	0.0248	0.00500	"	0.0333	74.5	30-120
Benzo (a) anthracene	0.0250	0.00500	"	0.0333	74.9	30-120
Benzo (a) pyrene	0.0250	0.00500	"	0.0333	75.1	30-120
Benzo (b) fluoranthene	0.0253	0.00500	"	0.0333	76.0	30-120
Benzo (k) fluoranthene	0.0255	0.00500	"	0.0333	76.6	30-120
Chrysene	0.0256	0.00500	"	0.0333	76.7	30-120
Dibenz (a,h) anthracene	0.0220	0.00500	"	0.0333	65.9	30-120
Fluoranthene	0.0263	0.00500	"	0.0333	78.8	30-120
Fluorene	0.0245	0.00500	"	0.0333	73.5	30-120
Indeno (1,2,3-cd) pyrene	0.0237	0.00500	"	0.0333	71.1	30-120
Pyrene	0.0250	0.00500	"	0.0333	74.9	35-142
1-Methylnaphthalene	0.0216	0.00500	"	0.0333	64.8	35-142
2-Methylnaphthalene	0.0224	0.00500	"	0.0333	67.3	35-142

Surrogate: 2-Methylnaphthalene-d10	0.0222	"	0.0333	66.6	40-150
Surrogate: Fluoranthene-d10	0.0271	"	0.0333	81.3	40-150

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0592 - EPA 5030 Soil MS

Matrix Spike (BFC0592-MS1)

Source: 2203410-01

Prepared: 03/25/22 Analyzed: 03/30/22

Acenaphthene	0.0131	0.00500	mg/kg	0.0333	ND	39.2	31-137				
Anthracene	0.0188	0.00500	"	0.0333	ND	56.5	30-120				
Benzo (a) anthracene	0.0173	0.00500	"	0.0333	ND	52.0	30-120				
Benzo (a) pyrene	0.0196	0.00500	"	0.0333	ND	58.7	30-120				
Benzo (b) fluoranthene	0.0195	0.00500	"	0.0333	ND	58.5	30-120				
Benzo (k) fluoranthene	0.0214	0.00500	"	0.0333	ND	64.3	30-120				
Chrysene	0.0189	0.00500	"	0.0333	ND	56.7	30-120				
Dibenz (a,h) anthracene	0.0169	0.00500	"	0.0333	ND	50.7	30-120				
Fluoranthene	0.0193	0.00500	"	0.0333	ND	57.9	30-120				
Fluorene	0.0162	0.00500	"	0.0333	ND	48.5	30-120				
Indeno (1,2,3-cd) pyrene	0.0204	0.00500	"	0.0333	ND	61.3	30-120				
Pyrene	0.0197	0.00500	"	0.0333	ND	59.0	35-142				
1-Methylnaphthalene	0.0152	0.00500	"	0.0333	ND	45.7	15-130				
2-Methylnaphthalene	0.0171	0.00500	"	0.0333	ND	51.2	15-130				
Surrogate: 2-Methylnaphthalene-d10	0.0171		"	0.0333		51.4	40-150				
Surrogate: Fluoranthene-d10	0.0187		"	0.0333		56.0	40-150				

Matrix Spike Dup (BFC0592-MSD1)

Source: 2203410-01

Prepared: 03/25/22 Analyzed: 03/30/22

Acenaphthene	0.0148	0.00500	mg/kg	0.0333	ND	44.3	31-137	12.2	30		
Anthracene	0.0238	0.00500	"	0.0333	ND	71.5	30-120	23.4	30		
Benzo (a) anthracene	0.0211	0.00500	"	0.0333	ND	63.2	30-120	19.3	30		
Benzo (a) pyrene	0.0225	0.00500	"	0.0333	ND	67.5	30-120	13.9	30		
Benzo (b) fluoranthene	0.0176	0.00500	"	0.0333	ND	52.7	30-120	10.3	30		
Benzo (k) fluoranthene	0.0229	0.00500	"	0.0333	ND	68.8	30-120	6.74	30		
Chrysene	0.0231	0.00500	"	0.0333	ND	69.3	30-120	20.0	30		
Dibenz (a,h) anthracene	0.0188	0.00500	"	0.0333	ND	56.4	30-120	10.6	30		
Fluoranthene	0.0251	0.00500	"	0.0333	ND	75.3	30-120	26.1	30		
Fluorene	0.0154	0.00500	"	0.0333	ND	46.1	30-120	5.06	30		
Indeno (1,2,3-cd) pyrene	0.0236	0.00500	"	0.0333	ND	70.8	30-120	14.4	30		
Pyrene	0.0235	0.00500	"	0.0333	ND	70.4	35-142	17.7	30		
1-Methylnaphthalene	0.0186	0.00500	"	0.0333	ND	55.9	15-130	20.0	50		
2-Methylnaphthalene	0.0201	0.00500	"	0.0333	ND	60.2	15-130	16.2	50		
Surrogate: 2-Methylnaphthalene-d10	0.0210		"	0.0333		63.0	40-150				
Surrogate: Fluoranthene-d10	0.0239		"	0.0333		71.6	40-150				

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
03/30/22 16:57

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

April 04, 2022

Jeb Watts

Tasman Geosciences

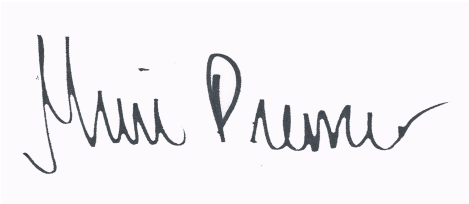
6855 W. 119th Ave.

Broomfield, CO 80020

RE: DCP - CR 17 & 34

Enclosed are the results of analyses for samples received by Summit Scientific on 03/28/22 13:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature is written in a cursive style and reads "Muri Premier".

Muri Premier For Paul Shrewsbury

President



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Base342N@8'	2203462-01	Soil	03/28/22 11:08	03/28/22 13:15

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

2203462

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310

Client: DCP/TASMAN

Project Manager: Jim Watts / Chandler Cole

Page 1 of 1

Address: 6855 W. 119th Ave

E-Mail: jwatts@tasman-gro.com; ccole@dcpwildstream.com

City/State/Zip: Broomfield CO 80020

vsruggs@tasman-gro.com; swmuthers@dcpwildstream.com

Phone: 303-487-1228

Project Name: CA 17134

Sampler Name: V. Scrygggs

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	915 WGS	915 TPH	915 PAHS								
1	Bore 34216 8'	3/28/22	1108	2			X			X				X	X	X							PAHS ONLY <input checked="" type="checkbox"/> 1/2-methyl naphthalene fluorene chrysene
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Relinquished by: <u>[Signature]</u>	Date/Time: <u>3/28/22 1315</u>	Received by: <u>[Signature]</u>	Date/Time: <u>3/28/22 1345</u>	Turn Around Time (Check)	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day <input checked="" type="checkbox"/> 72 hours <input type="checkbox"/>	PAHS Standard TAT
				24 hours <input type="checkbox"/> Standard <input type="checkbox"/>	
				48 hours <input type="checkbox"/>	
Temperature Upon Receipt: <u>22.1</u>	Corrected Temperature <u>2</u>	HNO3 lot #	Sample Integrity: <u>Yes</u>	Samples Intact: <u>Yes</u> No	
IR gun correction:					

S₂

2203462

Sample Receipt Checklist

S2 Work Order#

Client: DUP/Tasman Client Project ID: Ln 17/34

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

X				
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Matrix (Check all that apply) ☐ Air ☒ Soil/Solid ☐ Water ☐ Other ☐Temp (°C) 22.1 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.	X			on ice
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
If custody seals are present, are they intact ⁽¹⁾ ?			X	
Are samples due within 48 hours present?	X			same day
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			X	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			X	
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.			X	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			X	
If dissolved metals are requested, were samples field filtered?			X	
Additional Comments (if any): Standard turn for PqH				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Jmo

Custodian Printed Name

3/28/22

Date/Time



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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:11

Base342N@8'
2203462-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/28/22 11:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BFC0654	03/28/22	03/28/22	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: **03/28/22 11:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		133 %	50-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/28/22 11:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BFC0653	03/28/22	03/28/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/28/22 11:08**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.5 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:11

Base342N@8'
2203462-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **03/28/22 11:08**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chrysene	ND	0.00500	mg/kg	1	BFC0657	03/29/22	04/01/22	EPA 8270D SIM	
Fluorene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **03/28/22 11:08**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		53.1 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10		45.1 %	40-150		"	"	"	"	

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:11

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 BFC0654 - EPA 5030 Soil MS

Blank (BFC0654-BLK1)

Prepared & Analyzed: 03/28/22

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	"							
Surrogate: 1,2-Dichloroethane-d4	0.0543		"	0.0400		136	50-150			
Surrogate: Toluene-d8	0.0415		"	0.0400		104	50-150			
Surrogate: 4-Bromofluorobenzene	0.0422		"	0.0400		106	50-150			

LCS (BFC0654-BS1)

Prepared & Analyzed: 03/28/22

Benzene	0.0971	0.0020	mg/kg	0.100		97.1	70-130			
Toluene	0.103	0.0050	"	0.100		103	70-130			
Ethylbenzene	0.0906	0.0050	"	0.100		90.6	70-130			
m,p-Xylene	0.188	0.010	"	0.200		94.0	70-130			
o-Xylene	0.0965	0.0050	"	0.100		96.5	70-130			
1,2,4-Trimethylbenzene	0.103	0.0050	"	0.100		103	70-130			
1,3,5-Trimethylbenzene	0.100	0.0050	"	0.100		100	70-130			
Naphthalene	0.112	0.0038	"	0.100		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0542		"	0.0400		135	50-150			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	50-150			
Surrogate: 4-Bromofluorobenzene	0.0454		"	0.0400		114	50-150			

Matrix Spike (BFC0654-MS1)

Source: 2203462-01

Prepared: 03/28/22 Analyzed: 03/29/22

Benzene	0.0983	0.0020	mg/kg	0.100	ND	98.3	70-130			
Toluene	0.109	0.0050	"	0.100	ND	109	70-130			
Ethylbenzene	0.0939	0.0050	"	0.100	ND	93.9	70-130			
m,p-Xylene	0.192	0.010	"	0.200	ND	96.0	70-130			
o-Xylene	0.0985	0.0050	"	0.100	ND	98.5	70-130			
1,2,4-Trimethylbenzene	0.108	0.0050	"	0.100	ND	108	70-130			
1,3,5-Trimethylbenzene	0.104	0.0050	"	0.100	ND	104	70-130			
Naphthalene	0.126	0.0038	"	0.100	ND	126	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0554		"	0.0400		139	50-150			
Surrogate: Toluene-d8	0.0425		"	0.0400		106	50-150			
Surrogate: 4-Bromofluorobenzene	0.0453		"	0.0400		113	50-150			

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

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

Batch BFC0654 - EPA 5030 Soil MS

Matrix Spike Dup (BFC0654-MSD1)		Source: 2203462-01			Prepared: 03/28/22 Analyzed: 03/29/22					
Benzene	0.0986	0.0020	mg/kg	0.100	ND	98.6	70-130	0.274	30	
Toluene	0.108	0.0050	"	0.100	ND	108	70-130	0.885	30	
Ethylbenzene	0.0974	0.0050	"	0.100	ND	97.4	70-130	3.67	30	
m,p-Xylene	0.202	0.010	"	0.200	ND	101	70-130	4.89	30	
o-Xylene	0.103	0.0050	"	0.100	ND	103	70-130	4.73	30	
1,2,4-Trimethylbenzene	0.114	0.0050	"	0.100	ND	114	70-130	5.09	30	
1,3,5-Trimethylbenzene	0.109	0.0050	"	0.100	ND	109	70-130	5.23	30	
Naphthalene	0.101	0.0038	"	0.100	ND	101	70-130	21.9	30	
Surrogate: 1,2-Dichloroethane-d4	0.0555		"	0.0400		139	50-150			
Surrogate: Toluene-d8	0.0417		"	0.0400		104	50-150			
Surrogate: 4-Bromofluorobenzene	0.0458		"	0.0400		114	50-150			

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:11

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BFC0653 - EPA 3550A

Blank (BFC0653-BLK1)

Prepared & Analyzed: 03/28/22

C10-C28 (DRO)	ND	50	mg/kg							
C28-C36 (ORO)	ND	50	"							

LCS (BFC0653-BS1)

Prepared & Analyzed: 03/28/22

C10-C28 (DRO)	487	50	mg/kg	500		97.4	70-130			
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Matrix Spike (BFC0653-MS1)

Source: 2203462-01

Prepared & Analyzed: 03/28/22

C10-C28 (DRO)	421	50	mg/kg	500	43.4	75.4	70-130			
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Matrix Spike Dup (BFC0653-MSD1)

Source: 2203462-01

Prepared: 03/28/22 Analyzed: 03/29/22

C10-C28 (DRO)	464	50	mg/kg	500	43.4	84.2	70-130	9.93	20	
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Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:11

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0657 - EPA 5030 Soil MS

Blank (BFC0657-BLK1)

Prepared: 03/29/22 Analyzed: 03/31/22

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	0.0193		"	0.0333		58.0	40-150			
Surrogate: Fluoranthene-d10	0.0186		"	0.0333		55.7	40-150			

LCS (BFC0657-BS1)

Prepared: 03/29/22 Analyzed: 03/31/22

Acenaphthene	0.0142	0.00500	mg/kg	0.0333		42.5	31-137			
Anthracene	0.0138	0.00500	"	0.0333		41.5	30-120			
Benzo (a) anthracene	0.0149	0.00500	"	0.0333		44.8	30-120			
Benzo (a) pyrene	0.0146	0.00500	"	0.0333		43.9	30-120			
Benzo (b) fluoranthene	0.0144	0.00500	"	0.0333		43.2	30-120			
Benzo (k) fluoranthene	0.0154	0.00500	"	0.0333		46.1	30-120			
Chrysene	0.0146	0.00500	"	0.0333		43.9	30-120			
Dibenz (a,h) anthracene	0.0155	0.00500	"	0.0333		46.6	30-120			
Fluoranthene	0.0153	0.00500	"	0.0333		45.8	30-120			
Fluorene	0.0146	0.00500	"	0.0333		43.8	30-120			
Indeno (1,2,3-cd) pyrene	0.0118	0.00500	"	0.0333		35.4	30-120			
Pyrene	0.0149	0.00500	"	0.0333		44.8	35-142			
1-Methylnaphthalene	0.0138	0.00500	"	0.0333		41.5	35-142			
2-Methylnaphthalene	0.0140	0.00500	"	0.0333		42.0	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0142		"	0.0333		42.7	40-150			
Surrogate: Fluoranthene-d10	0.0149		"	0.0333		44.7	40-150			

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:11

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFC0657 - EPA 5030 Soil MS

Matrix Spike (BFC0657-MS1)

Source: 2203283-10

Prepared: 03/29/22 Analyzed: 03/31/22

Acenaphthene	0.0257	0.00500	mg/kg	0.0333	ND	77.0	31-137		
Anthracene	0.0231	0.00500	"	0.0333	ND	69.4	30-120		
Benzo (a) anthracene	0.0202	0.00500	"	0.0333	ND	60.6	30-120		
Benzo (a) pyrene	0.0266	0.00500	"	0.0333	ND	79.7	30-120		
Benzo (b) fluoranthene	0.0247	0.00500	"	0.0333	ND	74.2	30-120		
Benzo (k) fluoranthene	0.0170	0.00500	"	0.0333	ND	50.9	30-120		
Chrysene	0.0228	0.00500	"	0.0333	ND	68.4	30-120		
Dibenz (a,h) anthracene	0.0262	0.00500	"	0.0333	ND	78.5	30-120		
Fluoranthene	0.0171	0.00500	"	0.0333	ND	51.3	30-120		
Fluorene	0.0213	0.00500	"	0.0333	ND	63.9	30-120		
Indeno (1,2,3-cd) pyrene	0.0185	0.00500	"	0.0333	ND	55.5	30-120		
Pyrene	0.0119	0.00500	"	0.0333	ND	35.8	35-142		
1-Methylnaphthalene	0.0212	0.00500	"	0.0333	ND	63.7	15-130		
2-Methylnaphthalene	0.0214	0.00500	"	0.0333	ND	64.2	15-130		
Surrogate: 2-Methylnaphthalene-d10	0.0237		"	0.0333		71.2	40-150		
Surrogate: Fluoranthene-d10	0.0181		"	0.0333		54.4	40-150		

Matrix Spike Dup (BFC0657-MSD1)

Source: 2203283-10

Prepared: 03/29/22 Analyzed: 04/01/22

Acenaphthene	0.0201	0.00500	mg/kg	0.0333	ND	60.4	31-137	24.1	30
Anthracene	0.0203	0.00500	"	0.0333	ND	60.8	30-120	13.1	30
Benzo (a) anthracene	0.0236	0.00500	"	0.0333	ND	70.8	30-120	15.4	30
Benzo (a) pyrene	0.0202	0.00500	"	0.0333	ND	60.5	30-120	27.4	30
Benzo (b) fluoranthene	0.0215	0.00500	"	0.0333	ND	64.6	30-120	13.9	30
Benzo (k) fluoranthene	0.0142	0.00500	"	0.0333	ND	42.6	30-120	17.7	30
Chrysene	0.0197	0.00500	"	0.0333	ND	59.1	30-120	14.6	30
Dibenz (a,h) anthracene	0.0201	0.00500	"	0.0333	ND	60.3	30-120	26.2	30
Fluoranthene	0.0150	0.00500	"	0.0333	ND	44.9	30-120	13.4	30
Fluorene	0.0177	0.00500	"	0.0333	ND	53.0	30-120	18.7	30
Indeno (1,2,3-cd) pyrene	0.0194	0.00500	"	0.0333	ND	58.1	30-120	4.70	30
Pyrene	0.0144	0.00500	"	0.0333	ND	43.3	35-142	18.9	30
1-Methylnaphthalene	0.0225	0.00500	"	0.0333	ND	67.4	15-130	5.69	50
2-Methylnaphthalene	0.0223	0.00500	"	0.0333	ND	66.9	15-130	4.20	50
Surrogate: 2-Methylnaphthalene-d10	0.0259		"	0.0333		77.7	40-150		
Surrogate: Fluoranthene-d10	0.0143		"	0.0333		42.8	40-150		

Summit Scientific

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

Project: DCP - CR 17 & 34

Project Number: [none]
Project Manager: Jeb Watts

Reported:
04/04/22 15:11

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




Project Name: CR 17 & CR 34		Site Location: 40.224063, -104.905010	Date: 4/8/2022 Photographed By: DCP
Photo No. 1			
Direction Photo Taken: North			
Description: Backfilled ditch at terminus of release.			

Photo No. 2			
Direction Photo Taken: Northwest			
Description: Backfilled ditch in northwest portion of excavation.			

Project Name: CR 17 & CR 34		Site Location: 40.224063, -104.905010	Date: 4/8/2022 Photographed By: DCP
Photo No. 3			
Direction Photo Taken: Southeast			
Description: Backfilled ditch north of large culvert.			
Photo No. 4			
Direction Photo Taken: South			
Description: Backfilled ditch looking south towards release location.			