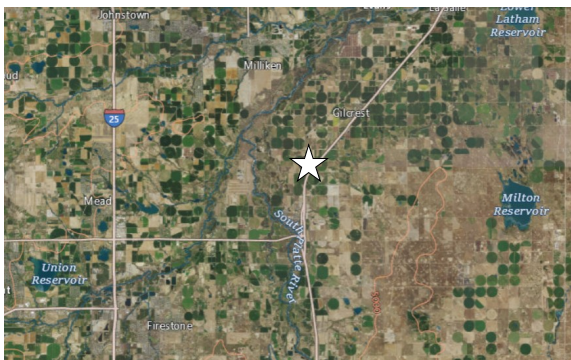
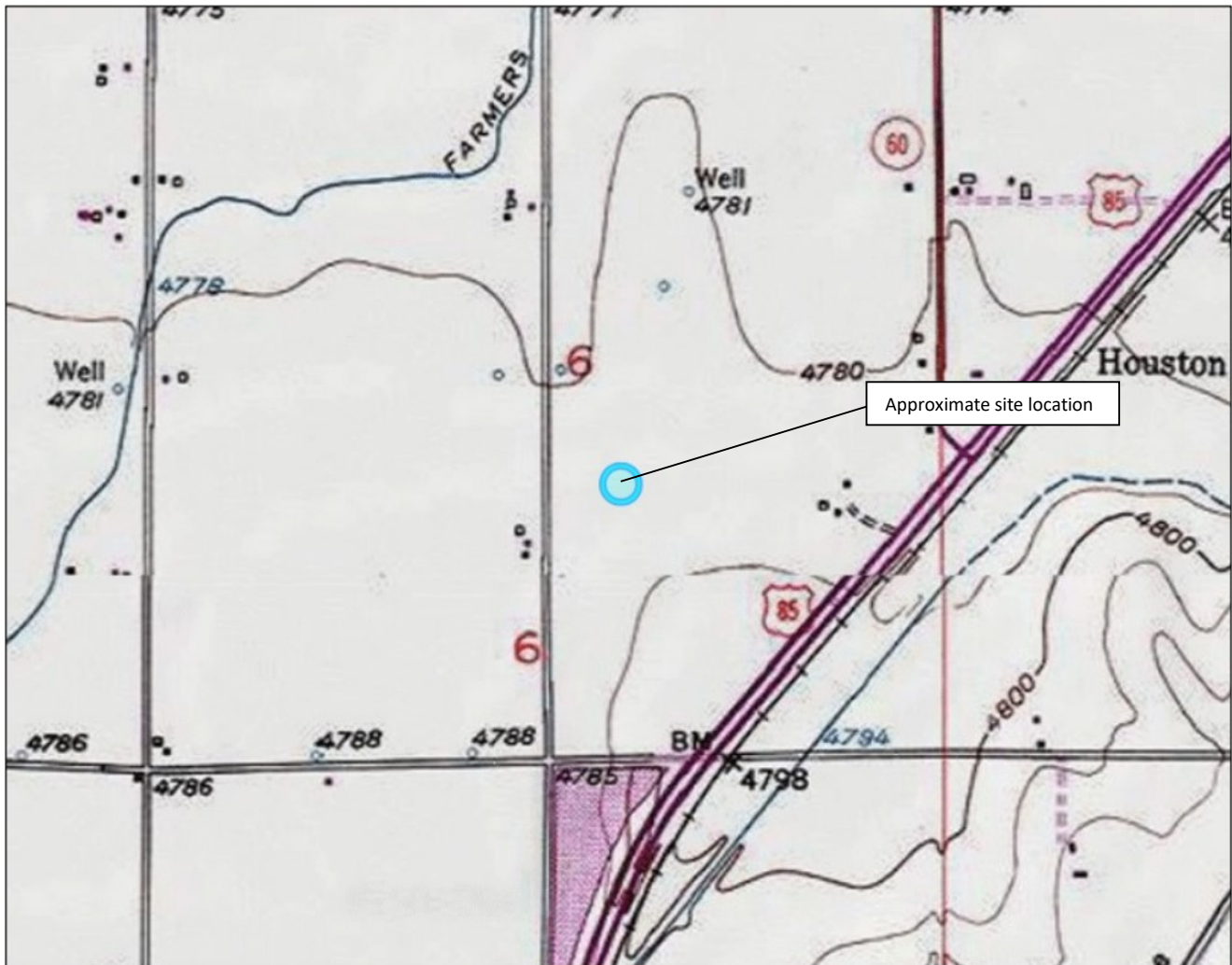


## FIGURES



**Figure 1**

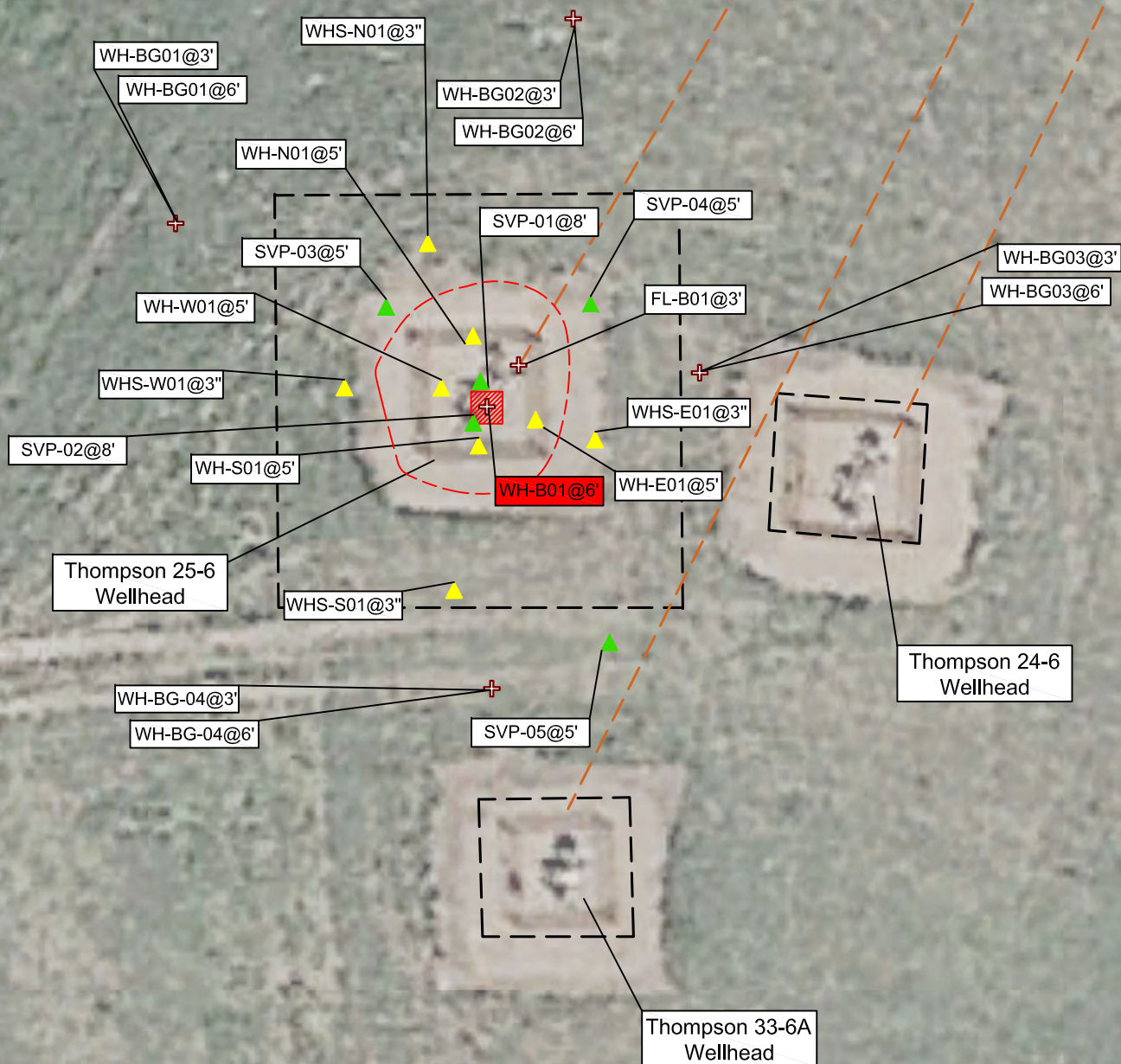
**Site Location Map**  
**Kerr-McGee Oil and Gas Onshore LP**  
**Thompson 24,25-6, Thompson 33-6A**  
**NWSE Sec. 6-T3N-R66W**  
**Weld County, Colorado**



**EAGLE**  
**ENVIRONMENTAL**  
**CONSULTING, INC.**

Source: USGS 7.5 Minute Topographic Map, Milliken, CO Quadrangle

Drawn By: RG Date: 7/29/2022



### Legend

- Approximate excavation extent
- Approximate dig area
- Approximate work area
- + Approximate soil sample location
- Flowline location
- ▲ Approximate soil screening location
- ▲ Approximate soil vapor point location

### Notes

All locations are approximate unless otherwise noted.

Soil and soil vapor screening locations may be adjusted based on field observations.

Additional samples may be collected if impacted soils or groundwater are encountered during closure activities.



DATE: September 29, 2022

DESIGNED BY:  
D. Coloccia

DRAWN BY:  
B. VanHorn



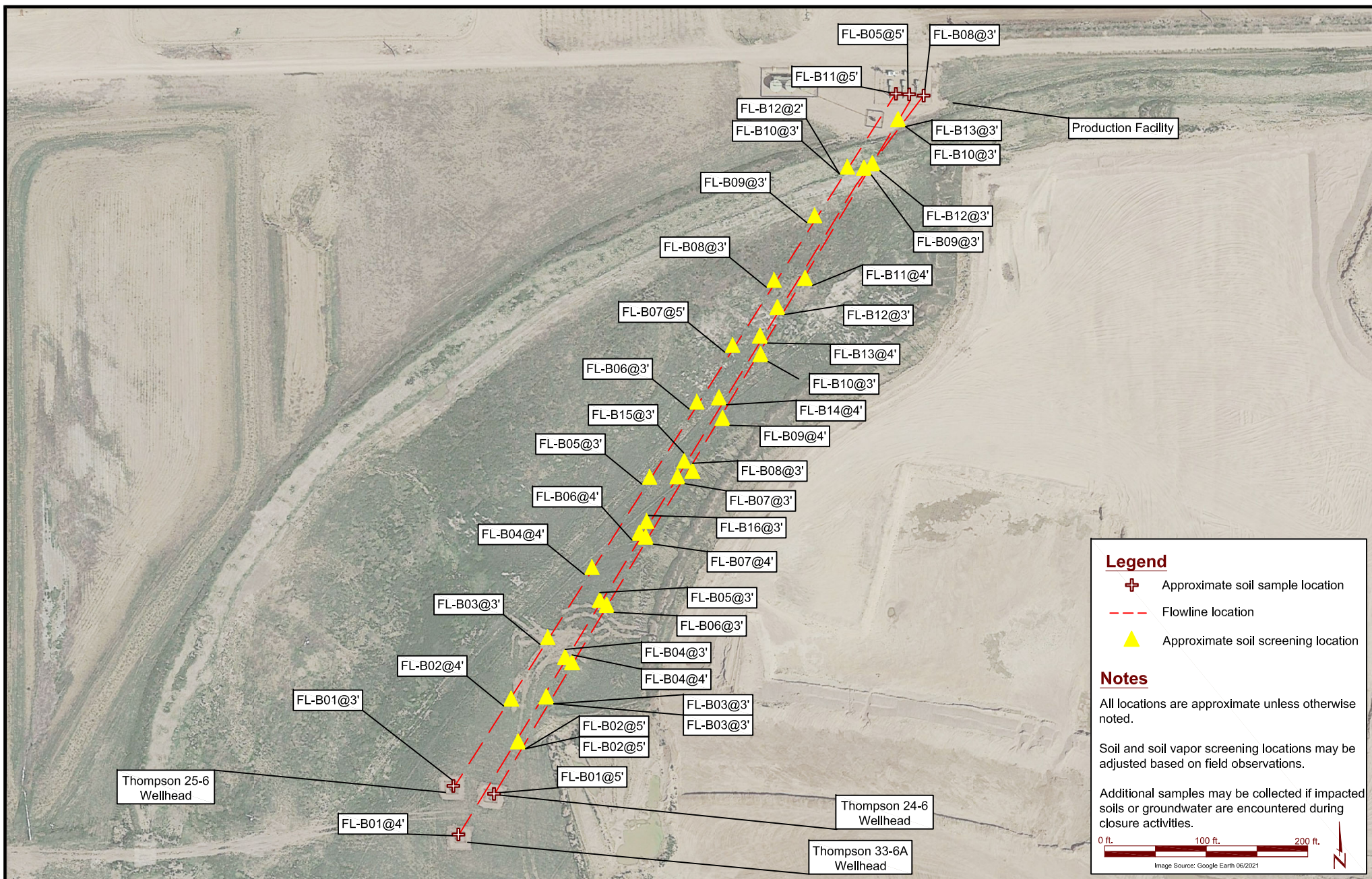
**EAGLE**  
ENVIRONMENTAL  
CONSULTING, INC.  
8000 W 44th Ave, Wheat Ridge, CO 80033  
Ph: 303-433-0479 F: 303-325-5449

**Kerr-McGee Oil and Gas Onshore LP**  
**Thompson 24,25-6, Thompson 33-6A**  
NWSE Sec. 6-T3N-R66W  
Weld County, Colorado

Screening and Sample  
Location Map

Figure  
2





DATE: September 27, 2022

DESIGNED BY:  
D. Coloccia

DRAWN BY:  
A. McNall



**EAGLE**  
ENVIRONMENTAL  
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8000 W 44th Ave, Wheat Ridge, CO 80033  
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**Kerr-McGee Oil and Gas Onshore LP**  
**Thompson 24-6, 25-6, 33-6A**  
SESW Sec. 29-T2N-R68W  
Weld County, Colorado

Soil Screening and Sample  
Location Map

Figure  
3



## **TABLES**

**TABLE 1**  
**THOMPSON 24,25-6, THOMPSON 33-6A**  
**SOIL SAMPLE FIELD DATA SUMMARY TABLE**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

Sample Location	Date	Approximate Depth (feet bgs)	PID (ppm-v)	Visual Observation	Olfactory Observation	Latitude, Longitude	Submitted for Lab Analysis (Y/N)
<b>Thompson 24-6</b>							
<b>Flowline Field Data</b>							
FL-B01 @ 5'	09/22/22	5	0.3	N/S	N/O	40.2516524619023, -104.818206282741	Y
FL-B02 @ 5'	09/22/22	5	0.4	N/S	N/O	40.2517874558491, -104.818089624779	N
FL-B03 @ 3'	09/22/22	3	0.3	N/S	N/O	40.2519619605206, -104.817962891573	N
FL-B04 @ 4'	09/22/22	4	0.6	N/S	N/O	40.2520513567425, -104.817879556933	N
FL-B05 @ 5'	09/22/22	5	0.2	N/S	N/O	40.2535476258502, -104.816708376888	Y
FL-B06 @ 3'	09/23/22	3	0.0	N/S	N/O	40.2521901974527, -104.817752539581	N
FL-B07 @ 4'	09/23/22	4	1.4	N/S	N/O	40.2523548028796, -104.817614659414	N
FL-B08 @ 3'	09/23/22	3	0.6	N/S	N/O	40.2524856358401, -104.817511581945	N
FL-B09 @ 4'	09/23/22	4	0.1	N/S	N/O	40.2526810144254, -104.81733732151	N
FL-B10 @ 3'	09/23/22	3	0.1	N/S	N/O	40.2528829424228, -104.81717773427	N
FL-B11 @ 4'	09/23/22	4	0.1	N/S	N/O	40.2531220100062, -104.816969419229	N
FL-B12 @ 3'	09/23/22	3	0.5	N/S	N/O	40.2530549604778, -104.81713543585	N
FL-B13 @ 3'	09/23/22	3	0.6	N/S	N/O	40.2535062115224, -104.816728994993	N
<b>Thompson 25-6</b>							
<b>Wellhead Field Data</b>							
WH-B01 @ 6'	09/21/22	6	1.1	N/S	N/O	40.2516576804726, -104.818360794068	Y
WH-N01 @ 5'	09/21/22	5	1.6	N/S	N/O	40.2516795935146, -104.818365060417	N
WH-S01 @ 5'	09/21/22	5	1.3	N/S	N/O	40.2516495906318, -104.8183624197	N
WH-E01 @ 5'	09/21/22	5	1.3	N/S	N/O	40.2516610712119, -104.818344235158	N
WH-W01 @ 5'	09/21/22	5	1.1	N/S	N/O	40.2516635760212, -104.818372799006	N
WHS-N01 @ 3"	09/21/22	0.25	0.6	N/S	N/O	40.2517141077575, -104.81837860359	N
WHS-S01 @ 3"	09/21/22	0.25	0.6	N/S	N/O	40.2516048410063, -104.818369366576	N
WHS-E01 @ 3"	09/21/22	0.25	0.6	N/S	N/O	40.2516514871001, -104.81832349538	N
WHS-W01 @ 3"	09/21/22	0.25	0.9	N/S	N/O	40.2516686139183, -104.81841319466	N
<b>Flowline Field Data</b>							
FL-B01 @ 3'	09/21/22	3	1.3	N/S	N/O	40.2516813736105, -104.818344272262	Y
FL-B02 @ 4'	09/21/22	4	0.2	N/S	N/O	40.251833444744, -104.818225596512	N
FL-B03 @ 3'	09/21/22	3	0.2	N/S	N/O	40.2520310621655, -104.818068471036	N
FL-B04 @ 4'	09/21/22	4	0.2	N/S	N/O	40.2522471706033, -104.817882690605	N
FL-B05 @ 3'	09/21/22	3	0.1	N/S	N/O	40.2525415822214, -104.817621693316	N
FL-B06 @ 3'	09/21/22	3	0.1	N/S	N/O	40.2527484551856, -104.81743832704	N
FL-B07 @ 5'	09/21/22	5	0.2	N/S	N/O	40.2529150823996, -104.817312883769	N
FL-B08 @ 3'	09/21/22	3	0.1	N/S	N/O	40.2531132333115, -104.817150151137	N
FL-B09 @ 3'	09/21/22	3	0.1	N/S	N/O	40.2532088357091, -104.817055051929	N
FL-B10 @ 3'	09/21/22	3	0.1	N/S	N/O	40.2533294010819, -104.816967085283	N
FL-B11 @ 5'	09/22/22	5	0.5	N/S	N/O	40.2535470072302, -104.816756876124	Y
FL-B12 @ 2'	09/23/22	2	2.0	N/S	N/O	40.2533316485256, -104.816965589504	N
<b>Thompson 33-6A</b>							
<b>Flowline Field Data</b>							
FL-B01 @ 4'	09/22/22	4	0.1	N/S	N/O	40.2515424251178, -104.818324017682	Y
FL-B02 @ 5'	09/22/22	5	0.4	N/S	N/O	40.2517918922422, -104.818097177494	N
FL-B03 @ 3'	09/22/22	3	0.5	N/S	N/O	40.2519699883151, -104.817980638176	N
FL-B04 @ 3'	09/22/22	3	0.7	N/S	N/O	40.2520804633975, -104.817901873932	N
FL-B05 @ 3'	09/23/22	3	0.0	N/S	N/O	40.2521998745955, -104.817790538632	N
FL-B06 @ 4'	09/23/22	4	1.3	N/S	N/O	40.2523484645663, -104.817674134239	N
FL-B07 @ 3'	09/23/22	3	2.2	N/S	N/O	40.252470454968, -104.817583299806	N
FL-B08 @ 5'	09/23/22	5	1.1	N/S	N/O	40.25356602427, -104.816658506192	Y
FL-B09 @ 3'	09/23/22	3	0.2	N/S	N/O	40.2533338948861, -104.816905430211	N
FL-B10 @ 3'	09/23/22	3	0.6	N/S	N/O	40.2535046260834, -104.816730986494	N
FL-B11 @ 3'	09/23/22	3	0.0	N/S	N/O	40.2531732588724, -104.817045135463	N
FL-B12 @ 3'	09/26/22	3	0.5	N/S	N/O	40.253338548513, -104.816800489541	N
FL-B13 @ 4'	09/26/22	4	0.3	N/S	N/O	40.2529241187602, -104.817239553262	N
FL-B14 @ 4'	09/26/22	4	0.5	N/S	N/O	40.252753269679, -104.817373591112	N
FL-B15 @ 3'	09/26/22	3	0.9	N/S	N/O	40.2524747184428, -104.817580905648	N
FL-B16 @ 3'	09/26/22	3	0.9	N/S	N/O	40.2523633950055, -104.817669862176	N
<b>Wellhead Background Field Data</b>							
WH-BG01 @ 3'	09/21/22	3	1.3	N/S	N/O	40.2517227531381, -104.818464005625	Y
WH-BG01 @ 6'	09/21/22	6	1.4	N/S	N/O	40.2517227531381, -104.818464005625	Y
WH-BG02 @ 3'	09/21/22	3	1.1	N/S	N/O	40.2517696402176, -104.818314566965	Y
WH-BG02 @ 6'	09/21/22	6	1.3	N/S	N/O	40.2517696402176, -104.818314566965	Y
WH-BG03 @ 3'	09/21/22	3	1	N/S	N/O	40.2516536488708, -104.818287237077	Y
WH-BG03 @ 6'	09/21/22	6	0.8	N/S	N/O	40.2516536488708, -104.818287237077	Y
WH-BG04 @ 3'	09/21/22	3	0.8	N/S	N/O	40.2515736446007, -104.818363714202	Y
WH-BG04 @ 6'	09/21/22	6	0.7	N/S	N/O	40.2515736446007, -104.818363714202	Y

bgs = below ground surface  
PID = photoionization detector  
ppm-v = parts per million by volume  
**BOLD** = exceedance of COGCC Table 915-1 standard

N/S = No Staining  
N/O = No Odor  
HC = hydrocarbon



**TABLE 2**  
**THOMPSON 24,25-6, THOMPSON 33-6A**  
**SOIL SAMPLE RESULTS SUMMARY TABLE - VOCs**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Naphthalene (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
COGCC standards for soil (mg/kg) <sup>(1)</sup>		0.0026	0.69	0.78	9.9	500			0.0038	0.0081	0.0087
COGCC standards for soil (mg/kg) <sup>(2)</sup>		1.2	490	5.8	58	500			2	30	27
Thompson 24-6											
Flowline Soil Samples											
FL-B01 @ 5'	09/22/22	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00380	<0.00200	<0.00200
FL-B05 @ 5'	09/22/22	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00380	<0.00200	<0.00200
Thompson 25-6											
Wellhead Soil Samples											
WH-B01 @ 6'	09/21/22	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00380	<0.00200	<0.00200
Flowline Soil Samples											
FL-B01 @ 3'	09/21/22	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00380	<0.00200	<0.00200
FL-B11 @ 5'	09/22/22	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00380	<0.00200	<0.00200
Thompson 33-6A											
Flowline Soil Samples											
FL-B01 @ 4'	09/22/22	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00380	<0.00200	<0.00200
FL-B08 @ 5'	09/23/22	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00380	<0.00200	<0.00200

**Notes:**

<sup>(1)</sup> COGCC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

<sup>(2)</sup> COGCC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

COGCC = Colorado Oil and Gas Conservation Commission

< = Analytical result is less than the laboratory reporting limit

mg/kg = milligrams per kilogram

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-ORO = Total petroleum hydrocarbons - oil range organics

**TABLE 3**  
**THOMPSON 24,25-6, THOMPSON 33-6A**  
**SOIL SAMPLE RESULTS SUMMARY TABLE - SOIL SUITABILITY FOR RECLAMATION**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

Sample Location	Date	Depth (ft. bgs)	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
<i>COGCC standards for soil (mg/kg) <sup>(1)</sup></i>			6 - 8.3	<6	<4	2
<b>Thompson 24-6</b>						
<b>Flowline Soil Samples</b>						
FL-B01 @ 5'	09/22/22	5	8.03	1.56	0.258	0.0759
FL-B05 @ 5'	09/22/22	5	7.06	2.43	0.241	0.0907
<b>Thompson 25-6</b>						
<b>Wellhead Soil Samples</b>						
WH-B01 @ 6'	09/21/22	6	<b>13.1</b>	5.37	<b>16.7</b>	0.181
<b>Flowline Soil Samples</b>						
FL-B01 @ 3'	9/21/2022	3	<b>*8.51</b>	1.95	0.355	0.0994
FL-B11 @ 5'	9/22/2022	5	8.17	1.09	0.334	0.111
<b>Thompson 33-6A</b>						
<b>Flowline Soil Samples</b>						
FL-B01 @ 4'	09/22/22	4	8.26	1.53	0.369	0.281
FL-B08 @ 5'	09/23/22	5	RP	RP	RP	RP
<b>Background Soil Samples</b>						
WH-BG01 @ 3'	09/21/22	3	8.36	4.15	0.692	0.156
WH-BG01 @ 6'	09/21/22	6	8.15	5.00	0.912	0.146
WH-BG02 @ 3'	09/21/22	3	7.29	3.00	0.643	<0.0998
WH-BG02 @ 6'	09/21/22	6	7.32	5.40	1.56	<0.0994
WH-BG03 @ 3'	09/21/22	3	7.80	3.54	2.03	0.154
WH-BG03 @ 6'	09/21/22	6	7.81	2.08	1.81	0.150
WH-BG04 @ 3'	09/21/22	3	7.29	4.11	0.721	<0.0987
WH-BG04 @ 6'	09/21/22	6	7.96	5.53	2.00	0.220

**Notes:**

<sup>(1)</sup> Standards for soil are taken from COGCC Table 915-1, effective January 15, 2021

COGCC = Colorado Oil and Gas Conservation Commission

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

ft. bgs = Feet below ground surface

mmhos/cm = Millimhos per centimeter

mg/L = Milligrams per liter

SAR = Sodium Absorption Ratio

EC = Electrical Conductivity

Values presented in **BOLD** contained concentrations exceeding COGCC Table 915-1 Cleanup Concentrations

Values presented in **BOLD\*** contained concentrations exceeding COGCC Table 915-1 Cleanup Concentrations but are within background concentrations or the range of acceptable soil variability

NA = Not Analyzed

RP = Results Pending



**ATTACHMENT A**  
**LABORATORY DATA**



September 29, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Thompson 24-6

Project Number - [none]

Attached are your analytical results for KMG - Thompson 24-6 received by Origins Laboratory, Inc. September 22, 2022. This project is associated with Origins project number Y209501-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645



Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 24-6

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL-B01@5'	Y209501-01	Soil	September 22, 2022 14:08	09/22/2022 17:32
FL-B05@5'	Y209501-02	Soil	September 22, 2022 16:25	09/22/2022 17:32

Origins Laboratory, Inc.



*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.*

Jen Pellegrini For Noelle Doyle Mathis, President



Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

Origins Laboratory

F-012207-01-R1  
Effective Date: 01/09/12

### Sample Receipt Checklist

Origins Work Order: Y209501

Client: Eagle Environmental

Client Project ID: Thompson 24-6

Checklist Completed by: ENS/DE

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 9/22/22

Airbill #: \_\_\_\_\_

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_

Cooler Number/Temperature: 1 12.0°C 1 °C 1 °C 1 °C (Describe)

Thermometer ID: T004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

[Signature]  
Reviewed by (Project Manager)

09/22/2022  
Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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.

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

FL-B01@5'

9/22/2022 2:08:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y209501-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.0759	0.0993	mg/L	1	B2I2601	KAP	09/26/2022	09/27/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2232	ADM	09/22/2022	09/24/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: o-Terphenyl	77.6 %	50-150			"	"	"	
------------------------	--------	--------	--	--	---	---	---	--

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2I2235	JMA	09/22/2022	09/24/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Benzene	ND	0.00200	"	"	"	JMA	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Naphthalene	ND	0.00380	"	"	"	JMA	"	"	U
Toluene	ND	0.00200	"	"	"	JMA	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JMA	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	116 %	70-130			"	"	"
Surrogate: Toluene-d8	94.2 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	95.9 %	70-130			"	"	"

Origins Laboratory, Inc.



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.



Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

FL-B01@5'

9/22/2022 2:08:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
Y209501-01 (Soil)

**Metals by Saturated Paste by EPA 6010**

Calcium	0.685	0.499	meq/L	10	[CALC]	KAP	09/26/2022	09/27/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	1.10	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	8.03		pH Units	1	B212606	ACC	09/26/2022	09/27/2022
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**SAR by 20B Saturated Paste**

SAR	1.56		SAR	1	B212605	KAP	09/26/2022	09/27/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.258	0.00500	mmhos/cm	1	B212606	ACC	09/26/2022	09/27/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

FL-B05@5'

9/22/2022 4:25:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y209501-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.0907	0.101	mg/L	1	B2I2601	KAP	09/26/2022	09/27/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2232	ADM	09/22/2022	09/24/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: o-Terphenyl	63.4 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2I2235	JMA	09/22/2022	09/24/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Benzene	ND	0.00200	"	"	"	JMA	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Naphthalene	ND	0.00380	"	"	"	JMA	"	"	U
Toluene	ND	0.00200	"	"	"	JMA	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JMA	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	114 %	70-130			"	"	"
Surrogate: Toluene-d8	96.9 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	93.9 %	70-130			"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

FL-B05@5'

9/22/2022 4:25:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
Y209501-02 (Soil)

**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	09/26/2022	09/27/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	1.36	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	7.06		pH Units	1	B2I2606	ACC	09/26/2022	09/27/2022
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**SAR by 20B Saturated Paste**

SAR	2.43		SAR	1	B2I2605	KAP	09/26/2022	09/27/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.241	0.00500	mmhos/cm	1	B2I2606	ACC	09/26/2022	09/27/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 24-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2I2232 - EPA 3580										
Blank (B2I2232-BLK1)					Prepared: 09/22/2022 Analyzed: 09/24/2022					
Diesel (C10-C28)	ND	12.5	mg/kg							U
Residual Range Organics (C28-C40)	ND	50.0	"							U
Surrogate: o-Terphenyl	17		"	24.9		67.7	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 24-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2232 - EPA 3580

#### LCS (B2I2232-BS1)

Prepared: 09/22/2022 Analyzed: 09/24/2022

Diesel (C10-C28)	753	25.0	mg/kg	1000		75.3	70-130			
Residual Range Organics (C28-C40)	846	100	"	1000		84.6	70-130			
Surrogate: o-Terphenyl	34		"	49.8		67.9	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 24-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2232 - EPA 3580

Matrix Spike (B2I2232-MS1)		Source: Y209495-01			Prepared: 09/22/2022 Analyzed: 09/24/2022					
Diesel (C10-C28)	884	25.0	mg/kg	1000	ND	88.4	70-130			
Residual Range Organics (C28-C40)	1000	100	"	1000	ND	100	70-130			
Surrogate: o-Terphenyl	45		"	49.8		91.1	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2232 - EPA 3580

Matrix Spike Dup (B2I2232-MSD1)		Source: Y209495-01			Prepared: 09/22/2022 Analyzed: 09/24/2022					
Diesel (C10-C28)	800	25.0	mg/kg	1000	ND	80.0	70-130	10.0	35	
Residual Range Organics (C28-C40)	898	100	"	1000	ND	89.8	70-130	11.1	35	
Surrogate: o-Terphenyl	33		"	49.8		66.1	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2235 - EPA 5030 (soil)</b>										
<b>Blank (B2I2235-BLK1)</b>					Prepared: 09/22/2022 Analyzed: 09/23/2022					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		105	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		86.9	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2235 - EPA 5030 (soil)</b>										
<b>LCS (B2I2235-BS1)</b>					Prepared: 09/22/2022 Analyzed: 09/23/2022					
1,2,4-Trimethylbenzene	0.109	0.00200	mg/kg	0.100		109	70-130			
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100		103	70-130			
Benzene	0.100	0.00200	"	0.100		100	70-130			
Ethylbenzene	0.103	0.00200	"	0.100		103	70-130			
Naphthalene	0.116	0.00380	"	0.100		116	70-130			
Toluene	0.0988	0.00200	"	0.100		98.8	70-130			
o-Xylene	0.102	0.00200	"	0.100		102	70-130			
m,p-Xylene	0.222	0.00400	"	0.200		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		101	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.3	70-130			

Origins Laboratory, Inc.



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.

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2I2235 - EPA 5030 (soil)**

Matrix Spike (B2I2235-MS1)		Source: Y209483-02			Prepared: 09/22/2022 Analyzed: 09/23/2022					
1,2,4-Trimethylbenzene	0.0754	0.00200	mg/kg	0.100	ND	75.4	70-130			
1,3,5-Trimethylbenzene	0.0757	0.00200	"	0.100	ND	75.7	70-130			
Benzene	0.0907	0.00200	"	0.100	ND	90.7	70-130			
Ethylbenzene	0.0830	0.00200	"	0.100	ND	83.0	70-130			
Naphthalene	0.0799	0.00380	"	0.100	ND	79.9	70-130			
Toluene	0.0849	0.00200	"	0.100	ND	84.9	70-130			
o-Xylene	0.0819	0.00200	"	0.100	ND	81.9	70-130			
m,p-Xylene	0.174	0.00400	"	0.200	ND	86.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		113	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2235 - EPA 5030 (soil)</b>										
<b>Matrix Spike Dup (B2I2235-MSD1)</b>		<b>Source: Y209483-02</b>			Prepared: 09/22/2022 Analyzed: 09/23/2022					
1,2,4-Trimethylbenzene	0.0762	0.00200	mg/kg	0.100	ND	76.2	70-130	1.03	20	
1,3,5-Trimethylbenzene	0.0760	0.00200	"	0.100	ND	76.0	70-130	0.343	20	
Benzene	0.0908	0.00200	"	0.100	ND	90.8	70-130	0.0882	20	
Ethylbenzene	0.0851	0.00200	"	0.100	ND	85.1	70-130	2.43	20	
Naphthalene	0.0840	0.00380	"	0.100	ND	84.0	70-130	5.01	20	
Toluene	0.0854	0.00200	"	0.100	ND	85.4	70-130	0.587	20	
o-Xylene	0.0823	0.00200	"	0.100	ND	82.3	70-130	0.438	20	
m,p-Xylene	0.178	0.00400	"	0.200	ND	89.1	70-130	2.55	20	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		115	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

## Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Classical Chemistry Parameters - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B2I2601 - Default Prep Metals

##### Blank (B2I2601-BLK1)

Prepared: 09/26/2022 Analyzed: 09/27/2022

Boron 0.00760 0.100 mg/L

##### Duplicate (B2I2601-DUP1)

Source: Y209490-01

Prepared: 09/26/2022 Analyzed: 09/27/2022

Boron 0.337 0.0993 mg/L 0.304 10.4 50

#### Batch B2I2605 - Default Prep Metals

##### Blank (B2I2605-BLK1)

Prepared: 09/26/2022 Analyzed: 09/27/2022

SAR 0.00 SAR U

Calcium PPM ND 10.0 mg/L U

Magnesium PPM ND 10.0 " U

Sodium PPM 0.866 10.0 "

##### Duplicate (B2I2605-DUP1)

Source: Y209500-01

Prepared: 09/26/2022 Analyzed: 09/27/2022

SAR 0.00 SAR 2.68 200 200 U

Calcium PPM 9.76 10.0 mg/L 9.00 8.05 50

Magnesium PPM 2.23 10.0 " 2.12 5.11 50

Sodium PPM 36.1 10.0 " 34.4 4.86 50

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 24-6

## Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch B2I2606 - NO PREP

#### Blank (B2I2606-BLK1)

Prepared: 09/26/2022 Analyzed: 09/27/2022

pH	0.00		pH Units							U
Specific Conductance (EC)	0.00320	0.00500	mmhos/cm							

#### Duplicate (B2I2606-DUP1)

Source: Y209500-01

Prepared: 09/26/2022 Analyzed: 09/27/2022

Specific Conductance (EC)	0.378	0.00500	mmhos/cm	0.344			9.34	25
pH	7.98		pH Units	7.89			1.13	25

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 24-6

### Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



*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.*

Jen Pellegrini For Noelle Doyle Mathis, President



September 28, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Thompson 25-6

Project Number - [none]

Attached are your analytical results for KMG - Thompson 25-6 received by Origins Laboratory, Inc. September 21, 2022. This project is associated with Origins project number Y209458-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-B01@6'	Y209458-01	Soil	September 21, 2022 13:50	09/21/2022 17:40
FL-B01@3'	Y209458-02	Soil	September 21, 2022 13:53	09/21/2022 17:40
WH-BG01@3'	Y209458-03	Soil	September 21, 2022 13:56	09/21/2022 17:40
WH-BG01@6'	Y209458-04	Soil	September 21, 2022 13:59	09/21/2022 17:40
WH-BG02@3'	Y209458-05	Soil	September 21, 2022 14:02	09/21/2022 17:40
WH-BG02@6'	Y209458-06	Soil	September 21, 2022 14:05	09/21/2022 17:40
WH-BG03@3'	Y209458-07	Soil	September 21, 2022 14:08	09/21/2022 17:40
WH-BG03@6'	Y209458-08	Soil	September 21, 2022 14:12	09/21/2022 17:40
WH-BG04@3'	Y209458-09	Soil	September 21, 2022 14:14	09/21/2022 17:40
WH-BG04@6'	Y209458-10	Soil	September 21, 2022 14:17	09/21/2022 17:40

Origins Laboratory, Inc.



*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.*

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6


1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

**ORIGINS**  
LABORATORY, INC

www.originslaboratory.com

(Initial)  
42044567  
page 1 of 1

Client: Eagle Environmental (CM)  
Address: 8000 W 44th Ave  
Wheat Ridge CO 80033  
Telephone Number: 303-433-0479  
Email Address: d.coloccia@eagle-env.com  
Project Manager: D. Coloccia  
Project Name: Thompson 25-6  
Project Number: 42044567  
Samples Collected By: MOB

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix			Analysis					Sample Instructions	
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Summa Canister #	Other	BTEX, N	THM's	TPH		EL/PH
WH - 1301 @ 6'	9/21/12	1:56	2	X				X			X	X	X	X	X	1
FL - 1301 @ 3'	9/21/12	1:53									X	X	X	X	X	2
WH - 1301 @ 3'	9/21/12	1:56										X	X	X	X	3
WH - 1301 @ 6'	9/21/12	1:51										X	X	X	X	4
WH - 1301 @ 3'	9/21/12	2:02										X	X	X	X	5
WH - 1301 @ 6'	9/21/12	2:05										X	X	X	X	6
WH - 1301 @ 3'	9/21/12	2:08										X	X	X	X	7
WH - 1301 @ 6'	9/21/12	<del>2:08</del> 2:11										X	X	X	X	8
WH - 1301 @ 3'	9/21/12	2:14										X	X	X	X	9
WH - 1301 @ 6'	9/21/12	2:17										X	X	X	X	10
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Turnaround Time:										
Matt Rylla	9/21/12	5:40		9/21/12	17:40	Same Day <input checked="" type="checkbox"/> 24 Hr <input type="checkbox"/>										
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Standard <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/>										

Temp Received: 2.4

Date Results Needed

Relinquished By: MA  
Date: 9/21/12  
Time: 5:40  
Received By: MA  
Date: 9/21/12  
Time: 7:40  
Turnaround Time:  
Some Day ☒ 24 Hr ☐  
48 Hr ☐ 72 Hr ☐  
Standard ☐

Origins Laboratory, Inc.

*J. Bynon*

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.

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

Origins Laboratory

F-012207-01-R1  
Effective Date: 01/09/12

### Sample Receipt Checklist

Origins Work Order: 4W94588

Client: Eagle Environmental

Client Project ID: Thompson 25-6

Checklist Completed by: TSM/PE

Shipped Via: FD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 9/21/22

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_

Cooler Number/Temperature: 1 / 2.4 °C 1 °C 1 °C (Describe) \_\_\_\_\_ °C

Thermometer ID: T004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>if NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

Date/Time Reviewed

Origins Laboratory, Inc.

*J. Bynon*

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

WH-B01@6'  
9/21/2022 1:50:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209458-01 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.181	0.0985	mg/L	1	B2I2202	KAP	09/22/2022	09/23/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2133	ADM	09/21/2022	09/22/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: o-Terphenyl	96.6 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2I2130	ADM	09/21/2022	09/22/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	ADM	"	"	U
Benzene	ND	0.00200	"	"	"	ADM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	ADM	"	"	U
Naphthalene	ND	0.00380	"	"	"	ADM	"	"	U
Toluene	ND	0.00200	"	"	"	ADM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	ADM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	ADM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	90.8 %	70-130			"	"	"
Surrogate: Toluene-d8	98.5 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	91.9 %	70-130			"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

WH-B01@6'

9/21/2022 1:50:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209458-01 (Soil)

## Metals by Saturated Paste by EPA 6010

Calcium	26.7	0.499	meq/L	10	[CALC]	KAP	09/22/2022	09/23/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	19.6	0.435	"	"	"	KAP	"	"

## pH in Soil by 9045D

pH	13.1		pH Units	1	B2I2211	ACC	09/22/2022	09/23/2022
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## SAR by 20B Saturated Paste

SAR	5.37		SAR	1	B2I2210	KAP	09/22/2022	09/23/2022
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## Specific Conductance Mod. 9050A

Specific Conductance (EC)	16.7	0.00500	mmhos/cm	1	B2I2211	ACC	09/22/2022	09/23/2022
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Origins Laboratory, Inc.



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.

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

FL-B01@3'

9/21/2022 1:53:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y209458-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.0994	0.0992	mg/L	1	B2I2202	KAP	09/22/2022	09/23/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2133	ADM	09/21/2022	09/22/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: o-Terphenyl	91.3 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2I2130	ADM	09/21/2022	09/22/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	ADM	"	"	U
Benzene	ND	0.00200	"	"	"	ADM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	ADM	"	"	U
Naphthalene	ND	0.00380	"	"	"	ADM	"	"	U
Toluene	ND	0.00200	"	"	"	ADM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	ADM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	ADM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	90.5 %	70-130			"	"	"
Surrogate: Toluene-d8	96.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.5 %	70-130			"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

FL-B01@3'

9/21/2022 1:53:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209458-02 (Soil)

## Metals by Saturated Paste by EPA 6010

Calcium	0.934	0.499	meq/L	10	[CALC]	KAP	09/22/2022	09/23/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	1.53	0.435	"	"	"	KAP	"	"

## pH in Soil by 9045D

pH	8.51		pH Units	1	B2I2211	ACC	09/22/2022	09/23/2022
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## SAR by 20B Saturated Paste

SAR	1.95		SAR	1	B2I2210	KAP	09/22/2022	09/23/2022
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## Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.355	0.00500	mmhos/cm	1	B2I2211	ACC	09/22/2022	09/23/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

## WH-BG01@3'

9/21/2022 1:56:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y209458-03 (Soil)

### Boron (DTPA Sorbitol)

Boron	0.156	0.0990	mg/L	1	B212202	KAP	09/22/2022	09/23/2022
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### Metals by Saturated Paste by EPA 6010

Calcium	1.82	0.499	meq/L	10	[CALC]	KAP	09/22/2022	09/23/2022
Magnesium	0.851	0.823	"	"	"	KAP	"	"
Sodium	4.80	0.435	"	"	"	KAP	"	"

### pH in Soil by 9045D

pH	8.36		pH Units	1	B212211	ACC	09/22/2022	09/23/2022
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### SAR by 20B Saturated Paste

SAR	4.15		SAR	1	B212210	KAP	09/22/2022	09/23/2022
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.692	0.00500	mmhos/cm	1	B212211	ACC	09/22/2022	09/23/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

WH-BG01@6'

9/21/2022 1:59:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y209458-04 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.146	0.0985	mg/L	1	B212202	KAP	09/22/2022	09/23/2022
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**Metals by Saturated Paste by EPA 6010**

Calcium	2.14	0.499	meq/L	10	[CALC]	KAP	09/22/2022	09/23/2022
Magnesium	1.06	0.823	"	"	"	KAP	"	"
Sodium	6.32	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	8.15		pH Units	1	B212211	ACC	09/22/2022	09/23/2022
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**SAR by 20B Saturated Paste**

SAR	5.00		SAR	1	B212210	KAP	09/22/2022	09/23/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.912	0.00500	mmhos/cm	1	B212211	ACC	09/22/2022	09/23/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

## WH-BG02@3'

9/21/2022 2:02:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y209458-05 (Soil)

### Boron (DTPA Sorbitol)

Boron	ND	0.0998	mg/L	1	B212202	KAP	09/22/2022	09/23/2022
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### Metals by Saturated Paste by EPA 6010

Calcium	1.59	0.499	meq/L	10	[CALC]	KAP	09/23/2022	09/27/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	3.22	0.435	"	"	"	KAP	"	"

### pH in Soil by 9045D

pH	7.29		pH Units	1	B212308	ACC	09/23/2022	09/27/2022
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### SAR by 20B Saturated Paste

SAR	3.00		SAR	1	B212302	KAP	09/23/2022	09/27/2022
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.643	0.00500	mmhos/cm	1	B212308	ACC	09/23/2022	09/27/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

## WH-BG02@6'

9/21/2022 2:05:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y209458-06 (Soil)

### Boron (DTPA Sorbitol)

Boron	ND	0.0994	mg/L	1	B212202	KAP	09/22/2022	09/23/2022
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### Metals by Saturated Paste by EPA 6010

Calcium	3.95	0.499	meq/L	10	[CALC]	KAP	09/23/2022	09/27/2022
Magnesium	1.90	0.823	"	"	"	KAP	"	"
Sodium	9.24	0.435	"	"	"	KAP	"	"

### pH in Soil by 9045D

pH	7.32		pH Units	1	B212308	ACC	09/23/2022	09/27/2022
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### SAR by 20B Saturated Paste

SAR	5.40		SAR	1	B212302	KAP	09/23/2022	09/27/2022
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.56	0.00500	mmhos/cm	1	B212308	ACC	09/23/2022	09/27/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

## WH-BG03@3'

9/21/2022 2:08:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y209458-07 (Soil)

### Boron (DTPA Sorbitol)

Boron	0.154	0.0997	mg/L	1	B212305	KAP	09/23/2022	09/26/2022
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### Metals by Saturated Paste by EPA 6010

Calcium	9.71	0.499	meq/L	10	[CALC]	KAP	09/23/2022	09/27/2022
Magnesium	2.87	0.823	"	"	"	KAP	"	"
Sodium	8.88	0.435	"	"	"	KAP	"	"

### pH in Soil by 9045D

pH	7.80		pH Units	1	B212308	ACC	09/23/2022	09/27/2022
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### SAR by 20B Saturated Paste

SAR	3.54		SAR	1	B212302	KAP	09/23/2022	09/27/2022
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.03	0.00500	mmhos/cm	1	B212308	ACC	09/23/2022	09/27/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

WH-BG03@6'

9/21/2022 2:12:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y209458-08 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.150	0.0994	mg/L	1	B212305	KAP	09/23/2022	09/26/2022
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**Metals by Saturated Paste by EPA 6010**

Calcium	10.6	0.499	meq/L	10	[CALC]	KAP	09/23/2022	09/27/2022
Magnesium	4.24	0.823	"	"	"	KAP	"	"
Sodium	5.66	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	7.81		pH Units	1	B212308	ACC	09/23/2022	09/27/2022
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**SAR by 20B Saturated Paste**

SAR	2.08		SAR	1	B212302	KAP	09/23/2022	09/27/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.81	0.00500	mmhos/cm	1	B212308	ACC	09/23/2022	09/27/2022
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Origins Laboratory, Inc.



*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.*

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

## WH-BG04@3'

9/21/2022 2:14:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y209458-09 (Soil)

### Boron (DTPA Sorbitol)

Boron	ND	0.0987	mg/L	1	B212305	KAP	09/23/2022	09/26/2022
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### Metals by Saturated Paste by EPA 6010

Calcium	1.58	0.499	meq/L	10	[CALC]	KAP	09/23/2022	09/27/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	4.48	0.435	"	"	"	KAP	"	"

### pH in Soil by 9045D

pH	7.29		pH Units	1	B212308	ACC	09/23/2022	09/27/2022
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### SAR by 20B Saturated Paste

SAR	4.11		SAR	1	B212302	KAP	09/23/2022	09/27/2022
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.721	0.00500	mmhos/cm	1	B212308	ACC	09/23/2022	09/27/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

WH-BG04@6'

9/21/2022 2:17:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y209458-10 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.220	0.100	mg/L	1	B212305	KAP	09/23/2022	09/26/2022
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**Metals by Saturated Paste by EPA 6010**

Calcium	6.17	0.499	meq/L	10	[CALC]	KAP	09/23/2022	09/27/2022
Magnesium	2.93	0.823	"	"	"	KAP	"	"
Sodium	11.8	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	7.96		pH Units	1	B212308	ACC	09/23/2022	09/27/2022
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**SAR by 20B Saturated Paste**

SAR	5.53		SAR	1	B212302	KAP	09/23/2022	09/27/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.00	0.00500	mmhos/cm	1	B212308	ACC	09/23/2022	09/27/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2130 - EPA 5030 (soil)</b>										
<b>Blank (B2I2130-BLK1)</b>					Prepared: 09/21/2022 Analyzed: 09/21/2022					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		85.5	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		90.9	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2130 - EPA 5030 (soil)</b>										
<b>LCS (B2I2130-BS1)</b>					Prepared: 09/21/2022 Analyzed: 09/21/2022					
1,2,4-Trimethylbenzene	0.105	0.00200	mg/kg	0.100		105	70-130			
1,3,5-Trimethylbenzene	0.106	0.00200	"	0.100		106	70-130			
Benzene	0.0981	0.00200	"	0.100		98.1	70-130			
Ethylbenzene	0.108	0.00200	"	0.100		108	70-130			
Naphthalene	0.0933	0.00380	"	0.100		93.3	70-130			
Toluene	0.0997	0.00200	"	0.100		99.7	70-130			
o-Xylene	0.105	0.00200	"	0.100		105	70-130			
m,p-Xylene	0.214	0.00400	"	0.200		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		80.6	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2130 - EPA 5030 (soil)</b>										
<b>Matrix Spike (B2I2130-MS1)</b>		<b>Source: Y209447-41</b>			Prepared: 09/21/2022 Analyzed: 09/21/2022					
1,2,4-Trimethylbenzene	0.0715	0.00200	mg/kg	0.100	ND	71.5	70-130			
1,3,5-Trimethylbenzene	0.0701	0.00200	"	0.100	ND	70.1	70-130			
Benzene	0.0966	0.00200	"	0.100	ND	96.6	70-130			
Ethylbenzene	0.0932	0.00200	"	0.100	ND	93.2	70-130			
Naphthalene	0.0687	0.00380	"	0.100	ND	68.7	70-130			QM-07
Toluene	0.0930	0.00200	"	0.100	ND	93.0	70-130			
o-Xylene	0.0931	0.00200	"	0.100	ND	93.1	70-130			
m,p-Xylene	0.186	0.00400	"	0.200	ND	92.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		83.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		106	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2130 - EPA 5030 (soil)</b>										
<b>Matrix Spike Dup (B2I2130-MSD1)</b>		<b>Source: Y209447-41</b>			Prepared: 09/21/2022 Analyzed: 09/21/2022					
1,2,4-Trimethylbenzene	0.0599	0.00200	mg/kg	0.100	ND	59.9	70-130	17.5	20	QM-07
1,3,5-Trimethylbenzene	0.0589	0.00200	"	0.100	ND	58.9	70-130	17.4	20	QM-07
Benzene	0.0877	0.00200	"	0.100	ND	87.7	70-130	9.66	20	
Ethylbenzene	0.0769	0.00200	"	0.100	ND	76.9	70-130	19.1	20	
Naphthalene	0.0633	0.00380	"	0.100	ND	63.3	70-130	8.09	20	QM-07
Toluene	0.0807	0.00200	"	0.100	ND	80.7	70-130	14.2	20	
o-Xylene	0.0776	0.00200	"	0.100	ND	77.6	70-130	18.2	20	
m,p-Xylene	0.153	0.00400	"	0.200	ND	76.7	70-130	18.9	20	
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		85.6	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2133 - EPA 3580

Blank (B2I2133-BLK1)

Prepared: 09/21/2022 Analyzed: 09/22/2022

Diesel (C10-C28)	ND	12.5	mg/kg							U
Residual Range Organics (C28-C40)	ND	50.0	"							U
Surrogate: o-Terphenyl	21		"	24.9		85.7	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2133 - EPA 3580

#### LCS (B2I2133-BS1)

Prepared: 09/21/2022 Analyzed: 09/22/2022

Diesel (C10-C28)	845	25.0	mg/kg	1000		84.5	70-130			
Residual Range Organics (C28-C40)	860	100	"	1000		86.0	70-130			
Surrogate: o-Terphenyl	45		"	49.8		90.4	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2133 - EPA 3580

Matrix Spike (B2I2133-MS1)		Source: Y209454-01			Prepared: 09/21/2022 Analyzed: 09/22/2022					
Diesel (C10-C28)	836	25.0	mg/kg	1000	ND	83.6	70-130			
Residual Range Organics (C28-C40)	835	100	"	1000	ND	83.5	70-130			
Surrogate: o-Terphenyl	43		"	49.8		87.1	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2133 - EPA 3580

Matrix Spike Dup (B2I2133-MSD1)		Source: Y209454-01			Prepared: 09/21/2022 Analyzed: 09/22/2022					
Diesel (C10-C28)	864	25.0	mg/kg	1000	ND	86.4	70-130	3.22	35	
Residual Range Organics (C28-C40)	891	100	"	1000	ND	89.1	70-130	6.57	35	
Surrogate: o-Terphenyl	45		"	49.8		90.7	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Classical Chemistry Parameters - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B2I2202 - Default Prep Metals

##### Blank (B2I2202-BLK1)

Prepared: 09/22/2022 Analyzed: 09/23/2022

Boron ND 0.100 mg/L

##### Duplicate (B2I2202-DUP1)

Source: Y209275-02

Prepared: 09/22/2022 Analyzed: 09/23/2022

Boron 0.179 0.0982 mg/L 0.156 13.6 50

#### Batch B2I2210 - Default Prep Metals

##### Blank (B2I2210-BLK1)

Prepared: 09/22/2022 Analyzed: 09/23/2022

SAR 0.00 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

##### Duplicate (B2I2210-DUP1)

Source: Y209447-44

Prepared: 09/22/2022 Analyzed: 09/23/2022

Calcium PPM 58.2 10.0 mg/L 80.4 32.0 50

SAR 0.00 SAR 12.5 200 200

Magnesium PPM 55.7 10.0 mg/L 73.6 27.7 50

Sodium PPM 579 10.0 " 644 10.7 50

#### Batch B2I2302 - Default Prep Metals

##### Blank (B2I2302-BLK1)

Prepared: 09/23/2022 Analyzed: 09/27/2022

Calcium PPM ND 10.0 mg/L

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

## Classical Chemistry Parameters - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B2I2302 - Default Prep Metals

##### Blank (B2I2302-BLK1)

Prepared: 09/23/2022 Analyzed: 09/27/2022

SAR	0.00		SAR
Magnesium PPM	ND	10.0	mg/L
Sodium PPM	ND	10.0	"

##### Duplicate (B2I2302-DUP1)

Source: Y209458-05

Prepared: 09/23/2022 Analyzed: 09/27/2022

Calcium PPM	35.6	10.0	mg/L	32.0	10.7	50
SAR	0.00		SAR	3.00	200	200
Magnesium PPM	9.23	10.0	mg/L	8.51	8.08	50
Sodium PPM	85.2	10.0	"	74.0	14.1	50

#### Batch B2I2305 - Default Prep Metals

##### Blank (B2I2305-BLK1)

Prepared: 09/23/2022 Analyzed: 09/26/2022

Boron	ND	0.100	mg/L
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##### Duplicate (B2I2305-DUP1)

Source: Y209458-07

Prepared: 09/23/2022 Analyzed: 09/26/2022

Boron	0.177	0.0986	mg/L	0.154	13.9	50
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

## Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2211 - NO PREP</b>										
<b>Blank (B2I2211-BLK1)</b>					Prepared: 09/22/2022 Analyzed: 09/23/2022					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
pH	0.00		pH Units							
<b>Duplicate (B2I2211-DUP1)</b>					<b>Source: Y209447-44</b>		Prepared: 09/22/2022 Analyzed: 09/23/2022			
Specific Conductance (EC)	2.68	0.00500	mmhos/cm		2.97			10.3	25	
pH	8.36		pH Units		8.29			0.841	25	
<b>Batch B2I2308 - NO PREP</b>										
<b>Blank (B2I2308-BLK1)</b>					Prepared: 09/23/2022 Analyzed: 09/27/2022					
pH	0.00		pH Units							
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
<b>Duplicate (B2I2308-DUP1)</b>					<b>Source: Y209458-05</b>		Prepared: 09/23/2022 Analyzed: 09/27/2022			
Specific Conductance (EC)	0.724	0.00500	mmhos/cm		0.643			11.9	25	
pH	6.95		pH Units		7.29			4.78	25	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

### Notes and Definitions

U Sample is Non-Detect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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September 29, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Thompson 25-6

Project Number - [none]

Attached are your analytical results for KMG - Thompson 25-6 received by Origins Laboratory, Inc. September 22, 2022. This project is associated with Origins project number Y209505-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL-B11@5'	Y209505-01	Soil	September 22, 2022 16:30	09/22/2022 17:35

Origins Laboratory, Inc.



*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.*

Jen Pellegrini For Noelle Doyle Mathis, President



Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

Origins Laboratory

F-012207-01-R1  
Effective Date: 01/09/12

## Sample Receipt Checklist

Origins Work Order: 4209505

Client: Eagle

Client Project ID: Thompson 25-6

Checklist Completed by: EHS

Shipped Via: HD

Date/time completed: 9/22/22

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_ (Describe)

Cooler Number/Temperature: 1 120 °C 1 °C 1 °C 1 °C

Thermometer ID: 7004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			<u>YES</u>
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) / (pH < 2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

[Signature]  
Reviewed by (Project Manager)

9/22/22  
Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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.

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

FL-B11@5'

9/22/2022 4:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y209505-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.111	0.101	mg/L	1	B2I2601	KAP	09/26/2022	09/27/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2232	ADM	09/22/2022	09/24/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: o-Terphenyl	61.9 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2I2235	JMA	09/22/2022	09/24/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Benzene	ND	0.00200	"	"	"	JMA	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Naphthalene	ND	0.00380	"	"	"	JMA	"	"	U
Toluene	ND	0.00200	"	"	"	JMA	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JMA	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	114 %	70-130			"	"	"
Surrogate: Toluene-d8	94.5 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	95.0 %	70-130			"	"	"

Origins Laboratory, Inc.



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.

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

FL-B11@5'

9/22/2022 4:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
Y209505-01 (Soil)

**Metals by Saturated Paste by EPA 6010**

Calcium	1.34	0.499	meq/L	10	[CALC]	KAP	09/26/2022	09/27/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	1.07	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	8.17		pH Units	1	B212606	ACC	09/26/2022	09/27/2022
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**SAR by 20B Saturated Paste**

SAR	1.09		SAR	1	B212605	KAP	09/26/2022	09/27/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.334	0.00500	mmhos/cm	1	B212606	ACC	09/26/2022	09/27/2022
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Origins Laboratory, Inc.



*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.*

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2232 - EPA 3580

Blank (B2I2232-BLK1)

Prepared: 09/22/2022 Analyzed: 09/24/2022

Diesel (C10-C28)	ND	12.5	mg/kg							U
Residual Range Organics (C28-C40)	ND	50.0	"							U
Surrogate: o-Terphenyl	17		"	24.9		67.7	50-150			

Origins Laboratory, Inc.



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.



Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2232 - EPA 3580

#### LCS (B2I2232-BS1)

Prepared: 09/22/2022 Analyzed: 09/24/2022

Diesel (C10-C28)	753	25.0	mg/kg	1000		75.3	70-130			
Residual Range Organics (C28-C40)	846	100	"	1000		84.6	70-130			
Surrogate: o-Terphenyl	34		"	49.8		67.9	50-150			

Origins Laboratory, Inc.



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.

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2232 - EPA 3580

Matrix Spike (B2I2232-MS1)		Source: Y209495-01			Prepared: 09/22/2022 Analyzed: 09/24/2022					
Diesel (C10-C28)	884	25.0	mg/kg	1000	ND	88.4	70-130			
Residual Range Organics (C28-C40)	1000	100	"	1000	ND	100	70-130			
Surrogate: o-Terphenyl	45		"	49.8		91.1	50-150			

Origins Laboratory, Inc.



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.

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2232 - EPA 3580

Matrix Spike Dup (B2I2232-MSD1)		Source: Y209495-01			Prepared: 09/22/2022 Analyzed: 09/24/2022					
Diesel (C10-C28)	800	25.0	mg/kg	1000	ND	80.0	70-130	10.0	35	
Residual Range Organics (C28-C40)	898	100	"	1000	ND	89.8	70-130	11.1	35	
Surrogate: o-Terphenyl	33		"	49.8		66.1	50-150			

Origins Laboratory, Inc.



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.

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2235 - EPA 5030 (soil)</b>										
<b>Blank (B2I2235-BLK1)</b>					Prepared: 09/22/2022 Analyzed: 09/23/2022					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		105	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		86.9	70-130			

Origins Laboratory, Inc.



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.

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2235 - EPA 5030 (soil)</b>										
<b>LCS (B2I2235-BS1)</b>					Prepared: 09/22/2022 Analyzed: 09/23/2022					
1,2,4-Trimethylbenzene	0.109	0.00200	mg/kg	0.100		109	70-130			
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100		103	70-130			
Benzene	0.100	0.00200	"	0.100		100	70-130			
Ethylbenzene	0.103	0.00200	"	0.100		103	70-130			
Naphthalene	0.116	0.00380	"	0.100		116	70-130			
Toluene	0.0988	0.00200	"	0.100		98.8	70-130			
o-Xylene	0.102	0.00200	"	0.100		102	70-130			
m,p-Xylene	0.222	0.00400	"	0.200		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		101	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.3	70-130			

Origins Laboratory, Inc.



*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.*

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2235 - EPA 5030 (soil)</b>										
<b>Matrix Spike (B2I2235-MS1)</b>		<b>Source: Y209483-02</b>			Prepared: 09/22/2022 Analyzed: 09/23/2022					
1,2,4-Trimethylbenzene	0.0754	0.00200	mg/kg	0.100	ND	75.4	70-130			
1,3,5-Trimethylbenzene	0.0757	0.00200	"	0.100	ND	75.7	70-130			
Benzene	0.0907	0.00200	"	0.100	ND	90.7	70-130			
Ethylbenzene	0.0830	0.00200	"	0.100	ND	83.0	70-130			
Naphthalene	0.0799	0.00380	"	0.100	ND	79.9	70-130			
Toluene	0.0849	0.00200	"	0.100	ND	84.9	70-130			
o-Xylene	0.0819	0.00200	"	0.100	ND	81.9	70-130			
m,p-Xylene	0.174	0.00400	"	0.200	ND	86.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		113	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2235 - EPA 5030 (soil)</b>										
<b>Matrix Spike Dup (B2I2235-MSD1)</b>		<b>Source: Y209483-02</b>			Prepared: 09/22/2022 Analyzed: 09/23/2022					
1,2,4-Trimethylbenzene	0.0762	0.00200	mg/kg	0.100	ND	76.2	70-130	1.03	20	
1,3,5-Trimethylbenzene	0.0760	0.00200	"	0.100	ND	76.0	70-130	0.343	20	
Benzene	0.0908	0.00200	"	0.100	ND	90.8	70-130	0.0882	20	
Ethylbenzene	0.0851	0.00200	"	0.100	ND	85.1	70-130	2.43	20	
Naphthalene	0.0840	0.00380	"	0.100	ND	84.0	70-130	5.01	20	
Toluene	0.0854	0.00200	"	0.100	ND	85.4	70-130	0.587	20	
o-Xylene	0.0823	0.00200	"	0.100	ND	82.3	70-130	0.438	20	
m,p-Xylene	0.178	0.00400	"	0.200	ND	89.1	70-130	2.55	20	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		115	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

## Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Classical Chemistry Parameters - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B2I2601 - Default Prep Metals

##### Blank (B2I2601-BLK1)

Prepared: 09/26/2022 Analyzed: 09/27/2022

Boron	ND	0.100	mg/L							U
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##### Duplicate (B2I2601-DUP1)

Source: Y209490-01

Prepared: 09/26/2022 Analyzed: 09/27/2022

Boron	0.337	0.0993	mg/L		0.304			10.4	50	
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#### Batch B2I2605 - Default Prep Metals

##### Blank (B2I2605-BLK1)

Prepared: 09/26/2022 Analyzed: 09/27/2022

SAR	0.00		SAR							U
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Calcium PPM	ND	10.0	mg/L							U
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Magnesium PPM	ND	10.0	"							U
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Sodium PPM	ND	10.0	"							U
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##### Duplicate (B2I2605-DUP1)

Source: Y209500-01

Prepared: 09/26/2022 Analyzed: 09/27/2022

SAR	0.00		SAR	2.68			200	200		U
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Calcium PPM	9.76	10.0	mg/L	9.00			8.05	50		U
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Magnesium PPM	2.23	10.0	"	2.12			5.11	50		U
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Sodium PPM	36.1	10.0	"	34.4			4.86	50		
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 25-6

## Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2606 - NO PREP</b>										
<b>Blank (B2I2606-BLK1)</b>					Prepared: 09/26/2022 Analyzed: 09/27/2022					
pH	0.00		pH Units							
Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
<b>Duplicate (B2I2606-DUP1)</b>					Source: Y209500-01 Prepared: 09/26/2022 Analyzed: 09/27/2022					
Specific Conductance (EC)	0.378	0.00500	mmhos/cm		0.344			9.34	25	
pH	7.98		pH Units		7.89			1.13	25	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 25-6

### Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



*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.*



September 29, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Thompson 33-6A

Project Number - [none]

Attached are your analytical results for KMG - Thompson 33-6A received by Origins Laboratory, Inc. September 22, 2022. This project is associated with Origins project number Y209507-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL-B01@4'	Y209507-01	Soil	September 22, 2022 14:10	09/22/2022 17:35

Origins Laboratory, Inc.



*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.*

Jen Pellegrini For Noelle Doyle Mathis, President



Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

Origins Laboratory

F-012207-01-R1  
Effective Date: 01/09/12

## Sample Receipt Checklist

Origins Work Order: Y209507

Client: Eagle environmental

Client Project ID: Thompson 33-6A

Checklist Completed by: DE

Shipped Via: HD  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 09/22/2022

Airbill #: NA

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_

Cooler Number/Temperature: 1 / 2.0 °C \_\_\_\_\_ / \_\_\_\_\_ °C \_\_\_\_\_ / \_\_\_\_\_ °C \_\_\_\_\_ / \_\_\_\_\_ °C

Thermometer ID: 7004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH < 2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Dan Coloccia  
Reviewed by (Project Manager)

09/22/2022  
Date/Time/Reviewed

Origins Laboratory, Inc.

Jen Pellegrini

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.



Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

FL-B01@4'

9/22/2022 2:10:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y209507-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.281	0.100	mg/L	1	B2I2602	KAP	09/26/2022	09/27/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2312	ADM	09/23/2022	09/24/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: o-Terphenyl	66.1 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2I2236	ADM	09/22/2022	09/24/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	ADM	"	"	U
Benzene	ND	0.00200	"	"	"	ADM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	ADM	"	"	U
Naphthalene	ND	0.00380	"	"	"	ADM	"	"	U
Toluene	ND	0.00200	"	"	"	ADM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	ADM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	ADM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	86.2 %	70-130			"	"	"
Surrogate: Toluene-d8	96.0 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	90.0 %	70-130			"	"	"

Origins Laboratory, Inc.



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.

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

FL-B01@4'

9/22/2022 2:10:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
Y209507-01 (Soil)

**Metals by Saturated Paste by EPA 6010**

Calcium	1.45	0.499	meq/L	10	[CALC]	KAP	09/26/2022	09/27/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	1.51	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	8.26		pH Units	1	B2I2606	ACC	09/26/2022	09/27/2022
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**SAR by 20B Saturated Paste**

SAR	1.53		SAR	1	B2I2605	KAP	09/26/2022	09/27/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.369	0.00500	mmhos/cm	1	B2I2606	ACC	09/26/2022	09/27/2022
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Origins Laboratory, Inc.



*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.*

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2236 - EPA 5030 (soil)</b>										
<b>Blank (B2I2236-BLK1)</b>					Prepared: 09/22/2022 Analyzed: 09/24/2022					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		82.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		89.0	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2236 - EPA 5030 (soil)</b>										
<b>LCS (B2I2236-BS1)</b>					Prepared: 09/22/2022 Analyzed: 09/24/2022					
1,2,4-Trimethylbenzene	0.109	0.00200	mg/kg	0.100		109	70-130			
1,3,5-Trimethylbenzene	0.110	0.00200	"	0.100		110	70-130			
Benzene	0.104	0.00200	"	0.100		104	70-130			
Ethylbenzene	0.106	0.00200	"	0.100		106	70-130			
Naphthalene	0.0997	0.00380	"	0.100		99.7	70-130			
Toluene	0.104	0.00200	"	0.100		104	70-130			
o-Xylene	0.107	0.00200	"	0.100		107	70-130			
m,p-Xylene	0.214	0.00400	"	0.200		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		80.6	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.7	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2236 - EPA 5030 (soil)</b>										
<b>Matrix Spike (B2I2236-MS1)</b>		<b>Source: Y209476-01</b>			Prepared: 09/22/2022 Analyzed: 09/24/2022					
1,2,4-Trimethylbenzene	0.0858	0.00200	mg/kg	0.100	ND	85.8	70-130			
1,3,5-Trimethylbenzene	0.0863	0.00200	"	0.100	ND	86.3	70-130			
Benzene	0.0907	0.00200	"	0.100	ND	90.7	70-130			
Ethylbenzene	0.0930	0.00200	"	0.100	ND	93.0	70-130			
Naphthalene	0.0727	0.00380	"	0.100	0.000900	71.8	70-130			
Toluene	0.0882	0.00200	"	0.100	ND	88.2	70-130			
o-Xylene	0.0910	0.00200	"	0.100	ND	91.0	70-130			
m,p-Xylene	0.186	0.00400	"	0.200	ND	93.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		82.9	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2236 - EPA 5030 (soil)</b>										
<b>Matrix Spike Dup (B2I2236-MSD1)</b>		<b>Source: Y209476-01</b>			Prepared: 09/22/2022 Analyzed: 09/24/2022					
1,2,4-Trimethylbenzene	0.0822	0.00200	mg/kg	0.100	ND	82.2	70-130	4.26	20	
1,3,5-Trimethylbenzene	0.0820	0.00200	"	0.100	ND	82.0	70-130	5.06	20	
Benzene	0.0923	0.00200	"	0.100	ND	92.3	70-130	1.79	20	
Ethylbenzene	0.0882	0.00200	"	0.100	ND	88.2	70-130	5.28	20	
Naphthalene	0.0687	0.00380	"	0.100	0.000900	67.8	70-130	5.54	20	QM-07
Toluene	0.0890	0.00200	"	0.100	ND	89.0	70-130	0.993	20	
o-Xylene	0.0872	0.00200	"	0.100	ND	87.2	70-130	4.26	20	
m,p-Xylene	0.178	0.00400	"	0.200	ND	88.9	70-130	4.60	20	
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		81.3	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.8	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2312 - EPA 3580</b>										
<b>Blank (B2I2312-BLK1)</b>					Prepared: 09/23/2022 Analyzed: 09/28/2022					
Diesel (C10-C28)	ND	12.5	mg/kg							U
Residual Range Organics (C28-C40)	ND	50.0	"							U
Surrogate: o-Terphenyl	23		"	24.9		93.5	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2312 - EPA 3580

#### LCS (B2I2312-BS1)

Prepared: 09/23/2022 Analyzed: 09/28/2022

Diesel (C10-C28)	917	25.0	mg/kg	1000		91.7	70-130			
Residual Range Organics (C28-C40)	816	100	"	1000		81.6	70-130			
Surrogate: o-Terphenyl	54		"	49.8		109	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2312 - EPA 3580

Matrix Spike (B2I2312-MS1)		Source: Y209489-01			Prepared: 09/23/2022 Analyzed: 09/28/2022					
Diesel (C10-C28)	1400	25.0	mg/kg	1000	682	71.4	70-130			
Residual Range Organics (C28-C40)	731	100	"	1000	181	55.0	70-130			QM-07
Surrogate: o-Terphenyl	44		"	49.8		87.9	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B2I2312 - EPA 3580

Matrix Spike Dup (B2I2312-MSD1)		Source: Y209489-01			Prepared: 09/23/2022 Analyzed: 09/28/2022					
Diesel (C10-C28)	1410	25.0	mg/kg	1000	682	73.0	70-130	1.16	35	QR-02
Residual Range Organics (C28-C40)	770	100	"	1000	181	59.0	70-130	5.27	35	QR-02
Surrogate: o-Terphenyl	53		"	49.8		107	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Classical Chemistry Parameters - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B2I2602 - Default Prep Metals

##### Blank (B2I2602-BLK1)

Prepared: 09/26/2022 Analyzed: 09/27/2022

Boron	ND	0.100	mg/L							U
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##### Duplicate (B2I2602-DUP1)

Source: Y209507-01

Prepared: 09/26/2022 Analyzed: 09/27/2022

Boron	0.207	0.0985	mg/L		0.281			30.7	50	
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#### Batch B2I2605 - Default Prep Metals

##### Blank (B2I2605-BLK1)

Prepared: 09/26/2022 Analyzed: 09/27/2022

Calcium PPM	ND	10.0	mg/L							U
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SAR	0.00		SAR							U
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Magnesium PPM	ND	10.0	mg/L							U
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Sodium PPM	ND	10.0	"							U
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##### Duplicate (B2I2605-DUP1)

Source: Y209500-01

Prepared: 09/26/2022 Analyzed: 09/27/2022

SAR	0.00		SAR		2.68			200	200	U
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Calcium PPM	9.76	10.0	mg/L		9.00			8.05	50	U
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Magnesium PPM	2.23	10.0	"		2.12			5.11	50	U
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Sodium PPM	36.1	10.0	"		34.4			4.86	50	
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

## Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2606 - NO PREP</b>										
<b>Blank (B2I2606-BLK1)</b>					Prepared: 09/26/2022 Analyzed: 09/27/2022					
pH	0.00		pH Units							U
Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
<b>Duplicate (B2I2606-DUP1)</b>					<b>Source: Y209500-01</b> Prepared: 09/26/2022 Analyzed: 09/27/2022					
Specific Conductance (EC)	0.378	0.00500	mmhos/cm		0.344			9.34	25	
pH	7.98		pH Units		7.89			1.13	25	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

### Notes and Definitions

U Sample is Non-Detect.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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September 27, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - KMG - Thompson 33-6A**

**Project Number - [none]**

Attached are your analytical results for KMG - Thompson 33-6A received by Origins Laboratory, Inc. September 23, 2022. This project is associated with Origins project number Y209541-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL-B08@5'	Y209541-01	Soil	September 23, 2022 14:17	09/23/2022 17:24

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

Origins Laboratory

## Sample Receipt Checklist

F-012207-01-R1  
Effective Date: 01/09/12

Origins Work Order: 4209541

Client: Eagle Environmental  
Client Project ID: Thompson 33-6A

Checklist Completed by: TSH/EHS

Shipped Via: 440  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 9/23/22

Airbill #: 419

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_

Cooler Number/Temperature: 1 / 4.9 °C 1 °C 1 °C (Describe) 1 °C

Thermometer ID: 1004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH < 2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Amelia M. M.  
Reviewed by (Project Manager)

9/23/22  
Date/Time Reviewed

Origins Laboratory, Inc.

Jen Pellegrini

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.

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

FL-B08@5'

9/23/2022 2:17:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209541-01 (Soil)

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2313	ADM	09/23/2022	09/25/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: o-Terphenyl 79.6 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2I2236	ADM	09/23/2022	09/24/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	ADM	"	"	U
Benzene	ND	0.00200	"	"	"	ADM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	ADM	"	"	U
Naphthalene	ND	0.00380	"	"	"	ADM	"	"	U
Toluene	ND	0.00200	"	"	"	ADM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	ADM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	ADM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 91.2 % 70-130 " " "  
Surrogate: Toluene-d8 96.3 % 70-130 " " "  
Surrogate: 4-Bromofluorobenzene 89.1 % 70-130 " " "

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

## Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2I2236 - EPA 5030 (soil)										
Blank (B2I2236-BLK1)					Prepared: 09/22/2022 Analyzed: 09/24/2022					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		82.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		89.0	70-130			

Origins Laboratory, Inc.



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8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2236 - EPA 5030 (soil)</b>										
<b>LCS (B2I2236-BS1)</b>					Prepared: 09/22/2022 Analyzed: 09/24/2022					
1,2,4-Trimethylbenzene	0.109	0.00200	mg/kg	0.100		109	70-130			
1,3,5-Trimethylbenzene	0.110	0.00200	"	0.100		110	70-130			
Benzene	0.104	0.00200	"	0.100		104	70-130			
Ethylbenzene	0.106	0.00200	"	0.100		106	70-130			
Naphthalene	0.0997	0.00380	"	0.100		99.7	70-130			
Toluene	0.104	0.00200	"	0.100		104	70-130			
o-Xylene	0.107	0.00200	"	0.100		107	70-130			
m,p-Xylene	0.214	0.00400	"	0.200		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		80.6	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.7	70-130			

Origins Laboratory, Inc.



*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.*

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

## Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B2I2236 - EPA 5030 (soil)

Matrix Spike (B2I2236-MS1)		Source: Y209476-01			Prepared: 09/22/2022 Analyzed: 09/24/2022					
1,2,4-Trimethylbenzene	0.0858	0.00200	mg/kg	0.100	ND	85.8	70-130			
1,3,5-Trimethylbenzene	0.0863	0.00200	"	0.100	ND	86.3	70-130			
Benzene	0.0907	0.00200	"	0.100	ND	90.7	70-130			
Ethylbenzene	0.0930	0.00200	"	0.100	ND	93.0	70-130			
Naphthalene	0.0727	0.00380	"	0.100	0.000900	71.8	70-130			
Toluene	0.0882	0.00200	"	0.100	ND	88.2	70-130			
o-Xylene	0.0910	0.00200	"	0.100	ND	91.0	70-130			
m,p-Xylene	0.186	0.00400	"	0.200	ND	93.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		82.9	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Thompson 33-6A

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I2236 - EPA 5030 (soil)</b>										
<b>Matrix Spike Dup (B2I2236-MSD1)</b>		<b>Source: Y209476-01</b>			Prepared: 09/22/2022 Analyzed: 09/24/2022					
1,2,4-Trimethylbenzene	0.0822	0.00200	mg/kg	0.100	ND	82.2	70-130	4.26	20	
1,3,5-Trimethylbenzene	0.0820	0.00200	"	0.100	ND	82.0	70-130	5.06	20	
Benzene	0.0923	0.00200	"	0.100	ND	92.3	70-130	1.79	20	
Ethylbenzene	0.0882	0.00200	"	0.100	ND	88.2	70-130	5.28	20	
Naphthalene	0.0687	0.00380	"	0.100	0.000900	67.8	70-130	5.54	20	QM-07
Toluene	0.0890	0.00200	"	0.100	ND	89.0	70-130	0.993	20	
o-Xylene	0.0872	0.00200	"	0.100	ND	87.2	70-130	4.26	20	
m,p-Xylene	0.178	0.00400	"	0.200	ND	88.9	70-130	4.60	20	
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		81.3	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.8	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2I2313 - EPA 3580**

**Blank (B2I2313-BLK1)**

Prepared: 09/23/2022 Analyzed: 09/26/2022

Diesel (C10-C28)	ND	12.5	mg/kg							U
Residual Range Organics (C28-C40)	ND	50.0	"							U
Surrogate: o-Terphenyl	22		"	24.9		87.5	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2I2313 - EPA 3580

#### LCS (B2I2313-BS1)

Prepared: 09/23/2022 Analyzed: 09/26/2022

Diesel (C10-C28)	905	25.0	mg/kg	1000		90.5	70-130			
Residual Range Organics (C28-C40)	988	100	"	1000		98.8	70-130			
Surrogate: o-Terphenyl	45		"	49.8		91.4	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

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

#### Batch B2I2313 - EPA 3580

Matrix Spike (B2I2313-MS1)		Source: Y209540-01			Prepared: 09/23/2022 Analyzed: 09/26/2022					
Diesel (C10-C28)	943	25.0	mg/kg	1000	ND	94.3	70-130			
Residual Range Organics (C28-C40)	1000	100	"	1000	ND	100	70-130			
Surrogate: o-Terphenyl	45		"	49.8		89.6	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

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

#### Batch B2I2313 - EPA 3580

Matrix Spike Dup (B2I2313-MSD1)		Source: Y209540-01			Prepared: 09/23/2022 Analyzed: 09/26/2022					
Diesel (C10-C28)	926	25.0	mg/kg	1000	ND	92.6	70-130	1.78	35	
Residual Range Organics (C28-C40)	983	100	"	1000	ND	98.3	70-130	2.07	35	
Surrogate: o-Terphenyl	46		"	49.8		91.5	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Thompson 33-6A

### Notes and Definitions

U Sample is Non-Detect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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**ATTACHMENT B**  
**FIELD NOTES AND PHOTOGRAPHIC LOG**

## Wellhead Closure Checklist

Additional Attachments (Optional)	Flowline Closure
Well Name	THOMPSON 25-6
Remediation Project #	
Date	09/21/2022
<b>Wellhead Information</b>	
Client	Occidental Petroleum
Weather	54, overcast
Field Personnel	MDB
Location	
Latitude	
Longitude	
Accuracy	m
General Condition of Site	Good
USCS Soil Type	Sandy Loam / Sandy Loam
Estimated Depth to Groundwater	<20
Hydrocarbon Impacted Soils / Spills	no
Salt Crusted Soils or Impacted Vegetation	no

## Soil Samples

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R1	09/21/2022	02:20 PM	WH-B01@6'	1.1	N.S	N.O	wellhead
R2	09/21/2022	02:23 PM	FL-B01@3'	1.3	N.S	N.O	wellhead
R3	09/21/2022	02:24 PM	WH-N01@5'	1.6	N.S	N.O	wellhead
R4	09/21/2022	02:26 PM	WH-S01@5'	1.3	N.S	N.O	wellhead
R5	09/21/2022	02:27 PM	WH-E01@5'	1.3	N.S	N.O	wellhead
R6	09/21/2022	02:28 PM	WH-W01@5'	1.1	N.S	N.O	wellhead
R7	09/21/2022	02:29 PM	WHS-N01@3"	0.6	N.S	N.O	wellhead
R8	09/21/2022	02:31 PM	WHS-S01@3"	0.6	N.S	N.O	wellhead
R9	09/21/2022	02:32 PM	WHS-E01@3"	0.6	N.S	N.O	wellhead
R10	09/21/2022	02:33 PM	WHS-W01@3"	0.9	N.S	N.O	wellhead
R11	09/21/2022	02:35 PM	WH-BG01@3'	1.3	N.S	N.O	wellhead
R12	09/21/2022	02:36 PM	WH-BG01@6'	1.4	N.S	N.O	wellhead
R13	09/21/2022	02:37 PM	WH-BG02@3'	1.1	N.S	N.O	wellhead
R14	09/21/2022	02:38 PM	WH-BG02@6'	1.3	N.S	N.O	wellhead
R15	09/21/2022	02:39 PM	WH-BG03@3'	1.0	N.S	N.O	wellhead
R16	09/21/2022	02:41 PM	WH-BG03@6'	0.8	N.S	N.O	wellhead
R17	09/21/2022	02:42 PM	WH-BG04@3'	0.8	N.S	N.O	wellhead

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R18	09/21/2022	02:43 PM	WH-BG04@6'	0.7	N.S	N.O	wellhead
R19	09/21/2022	03:17 PM	FL-B02@4'	0.1	N.S	N.O	wellhead
R20	09/21/2022	03:18 PM	FL-B03@3'	0.2	N.S	N.O	wellhead
R21	09/21/2022	03:24 PM	FL-B04@4'	0.2	N.S	N.O	wellhead
R22	09/21/2022	03:33 PM	FL-B05@3'	0.1	N.S	N.O	wellhead
R23	09/21/2022	03:35 PM	FL-B06@3'	0.1	N.S	N.O	wellhead
R24	09/21/2022	03:38 PM	FL-B07@5'	0.2	N.S	N.O	wellhead
R25	09/21/2022	04:21 PM	FL-B08@3'	0.1	N.S	N.O	wellhead
R26	09/21/2022	04:23 PM	FL-B09@3'	0.1	N.S	N.O	wellhead
R27	09/21/2022	04:25 PM	FL-B10@3'	0.1	N.S	N.O	wellhead
R28	09/22/2022	04:10 PM	FL-B11@5'	0.5	N.S	N.O	wellhead
R29	09/23/2022	02:45 PM	FL-B12@2'	2.0	N.S	N.O	wellhead

Photo(s)

R1 - P1



Looking northwest

R4 - P1



Lookint southwest



R11 - P1



Looking southeast

R13 - P1



Looking southwest

R15 - P1



Looking north

R19 - P1



Looking north



R20 - P1



Looking southwest

R21 - P1



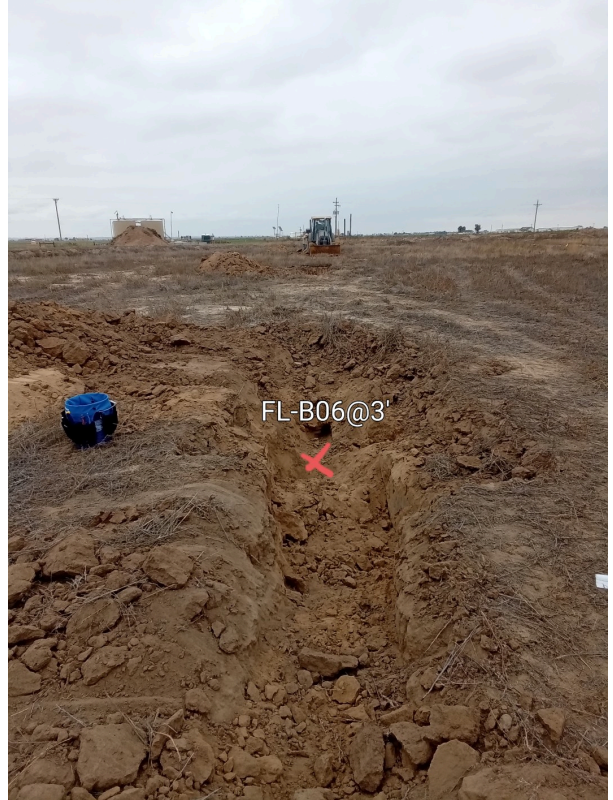
Looking southwest

R22 - P1



Looking north

R23 - P1



Looking north



R24 - P1



Looking north

R25 - P1



Looking north

R26 - P1



Looking northeast

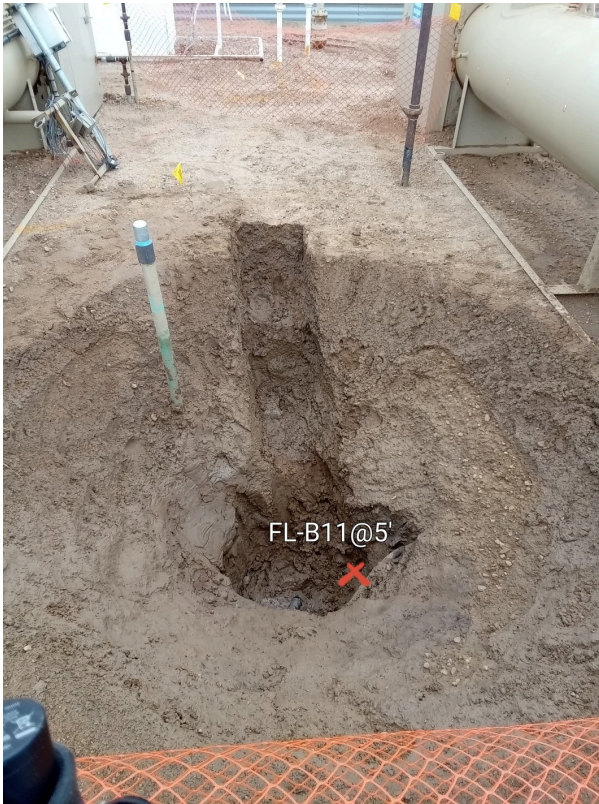
R27 - P1



Looking northeast



R28 - P1



Looking north

R29 - P1



Looking northeast

#### Other observations regarding wellheads

##### Summary

Was impacted soil identified?	No
Total number of soil samples field screened	29
Total number of soil samples collected	29
Highest PID Reading	2.0
Total number of soil samples submitted to lab for analysis	10
Was groundwater encountered during the investigation?	No
Measured depth to groundwater	
Was remedial groundwater removal conducted?	
Date Groundwater was encountered	
Commencement date of removal	
Sheen on groundwater?	
Free product observed?	
Volume of groundwater removed prior to sampling	
Volume of groundwater removed post sampling	
Total volume of groundwater removed	
Total number of groundwater samples collected	
Total number of groundwater samples submitted to lab for analysis	

**ATTACHMENT C**  
**STATE NOTIFICATION**



Brandon VanHorn &lt;bvanhorn@eagle-enviro.com&gt;

**FW: State Reportable Release 24 Hour Notification - THOMPSON 25-6**

1 message

Thu, Sep 29, 2022 at 5:35 PM

**From:** Ochoa, Ariana**Sent:** Thursday, September 29, 2022 5:35 PM**To:** Anderson - DNR Contractor, Laurel <laurel.anderson@state.co.us>; 'Jason Maxey (jmaxey@weldgov.com)' <jmaxey@weldgov.com>; 'Roy Rudisill (rrudisill@co.weld.co.us)' <rrudisill@co.weld.co.us>**Cc:** Scranton, Lynna <Lynna\_Scranton@oxy.com>; Mickelson, Erik <Erik\_Mickelson@oxy.com>; Rowley, Taylor <Taylor\_Rowley@oxy.com>; Bugarin, Eve (New Tech Global Rig Personnel LLC) <Eve\_Bugarin@oxy.com>; 'Lytle, Andy' <andy\_lytle@oxy.com>; Hamilton, Gregory <Gregory\_Hamilton@oxy.com>; Jobe, Don <Don\_Jobe@oxy.com>; Grage, Mark <Mark\_Grage@oxy.com>; Brice, Jennifer <Jennifer\_Brice@oxy.com>; Neely, Dewey (Platteville) <Dewey\_Neely2@oxy.com>; Coleman, Julie <Julie\_Coleman@oxy.com>; Riemer, Joseph <Joseph\_Riemer@oxy.com>; Wells, Matt <Matthew\_Wells@oxy.com>; Mathes, Robert <Robert\_Mathes@oxy.com>; Hamlin, Mark G <Mark\_Hamlin@oxy.com>; Marshall, Shayelyn <Shayelyn\_marshall@oxy.com>; Wells, Matt <Matthew\_Wells@oxy.com>  
**Subject:** State Reportable Release 24 Hour Notification - THOMPSON 25-6

Good afternoon,

We identified a state reportable release following the identification of historically impacted soil of an unknown volume. This release is not an active release. Excavation activities are currently on-going and a Form 19 Release Report is forthcoming. This release did not threaten Waters of the State, Public Water System, residences or occupied structures, livestock, wildlife, air quality, or publicly-maintained roads.

The following have been notified via specified method below:

- Weld County contacted via electronic mail
- Surface Owner notification in process

The Environmental Release/Incident Report Hotline and Colorado Parks and Wildlife were not contacted as this release did not trigger notification requirements per 912.b.(2)B.

Location Details:

- Wellhead Name: THOMPSON 25-6
- Location: NWSE 6 3N 66W
- Latitude/Longitude: 40.251660/ -104.818350
- Wellhead ID: 05-123-24161

Thank you,

**Ariana Ochoa**

HSE Advisor

**Occidental Petroleum Corporation**

t: (970) 515-1216