



Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge

CO

80033

September 25, 2025

Project Name - **KMG - McKinstry 28N 21N 7C 2N
OSA**

Project Number - **[none]**

Attached are your analytical results for KMG - McKinstry 28N 21N 7C 2N OSA received by Origins Laboratory September 16, 2025. This project is associated with Origins project number E5I0365-01.

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.

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
303.433.1322
projectmanager@originslab.com



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



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

Dan Coloccia
Project Number: [none]
Project: KMG - McKinstry 28N 21N 7C 2N OSA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	E510365-01	Water	September 16, 2025 9:00	09/16/2025 14:54
MW-02	E510365-02	Water	September 16, 2025 9:30	09/16/2025 14:54
MW-03	E510365-03	Water	September 16, 2025 10:00	09/16/2025 14:54
MW-04	E510365-04	Water	September 16, 2025 12:00	09/16/2025 14:54
MW-05	E510365-05	Water	September 16, 2025 12:30	09/16/2025 14:54
MW-06	E510365-06	Water	September 16, 2025 13:00	09/16/2025 14:54
MW-07	E510365-07	Water	September 16, 2025 10:30	09/16/2025 14:54
MW-08	E510365-08	Water	September 16, 2025 11:00	09/16/2025 14:54
MW-09	E510365-09	Water	September 16, 2025 11:30	09/16/2025 14:54
MW-10	E510365-10	Water	September 16, 2025 13:30	09/16/2025 14:54
MW-11	E510365-11	Water	September 16, 2025 14:00	09/16/2025 14:54

Origins Laboratory

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ORIGINS

LABORATORY

ESTD365

Client:

Address: Eagle Environmental Consulting

8000 W 4th Ave

Telephone Number: 303 433-0479

Location: Edgely, CO 80033

Email Address: delac@eagle-env.com

Project Manager: D. delac@eagle-env.com

Project Name: McKinstry 280 210 70 2W 05A

Project Number: -

Collected By: JS

Invoice/Billing Info: Impacted

Analysis: HCL=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

Matrix: GW

Matrix Preservative: HCL/WVP

Full Table: 915-1

Temp Received: 3.4°C

Received On Ice? Yes No

Turnaround Time: SAME DAY 24 HR 48 HR 72 HR

Standard: Standard Other

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Full Table	Analysis	Comments	
MW-01	9/16/25	0900	4	GW	HCL/WVP	X			
MW-02		0930							
MW-03		1000							
MW-04		1206							
MW-05		1230							
MW-06		1300							
MW-07		1030							
MW-08		1100							
MW-09		1130							
MW-10		1330							
Relinquished By: <u>JS</u>		Date: 9/16/25	Time: 14:54	Received By: <u>NKM</u>	Date: 09/16/25	Time: 14:54			
Relinquished By:		Date:	Time:	Received By:	Date:	Time:			

Temp Received -

3.4°C

Received On Ice?

Yes No

Turnaround Time

SAME DAY 24 HR 48 HR 72 HR

Standard Other

Sample Receipt Checklist

Origins Work Order: ES10305

Client: Eagle

Client Project ID: McKinstry

Checklist Completed by: smc/gmc

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

Date/time completed: 9/17/25

Airbill #: N/A


Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____

Cooler Number/Temperature: 1 / 3.4 °C (Describe)

Thermometer ID: T007

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤6°C ⁽¹⁾ ?	<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 ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<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"/>			SL; 8A-C
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (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 ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	<input checked="" type="checkbox"/>			N.C.
Additional Comments (if any):				

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


Reviewed by (Project Manager)

09/18/25
Date/Time Reviewed



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - McKinstry 28N 21N 7C 2N OSA

MW-01

9/16/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0365-01 (Water) Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B511801	09/18/2025	09/18/2025	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	106 %								
Surrogate: Toluene-d8	97.6 %								
Surrogate: 4-Bromofluorobenzene	97.1 %								
Chloride and Sulfate By EPA 300.0									
Chloride	50.8		31.2	mg/L	125	B511865	09/18/2025	09/21/2025	
Sulfate	2590		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	3970		5.00	"	1	B511722	09/17/2025	09/22/2025	

Origins Laboratory

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 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - McKinstry 28N 21N 7C 2N OSA

MW-02

9/16/2025 9:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0365-02 (Water) Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B511801	09/18/2025	09/18/2025	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	1.93		1.00	"	"	"	"	"	
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	103 %				70-130	"	"	"	
Surrogate: Toluene-d8	96.9 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %				70-130	"	"	"	
Chloride and Sulfate By EPA 300.0									
Chloride	951		31.2	mg/L	125	B511865	09/18/2025	09/22/2025	
Sulfate	3010		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	5830		5.00	"	1	B511722	09/17/2025	09/22/2025	

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MW-03

9/16/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0365-03 (Water) Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B511801	09/18/2025	09/19/2025	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	1.41		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	102 %				70-130	"	"	"	
Surrogate: Toluene-d8	97.8 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %				70-130	"	"	"	
Chloride and Sulfate By EPA 300.0									
Chloride	1930		31.2	mg/L	125	B511865	09/18/2025	09/22/2025	
Sulfate	2550		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	6720		5.00	"	1	B511722	09/17/2025	09/22/2025	

Origins Laboratory

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Dan Coloccia
 Project Number: [none]
 Project: KMG - McKinstry 28N 21N 7C 2N OSA

MW-04

9/16/2025 12:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0365-04 (Water)									
Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B511801	09/18/2025	09/18/2025	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	103 %				70-130	"	"	"	
Surrogate: Toluene-d8	96.4 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	99.0 %				70-130	"	"	"	
Chloride and Sulfate By EPA 300.0									
Chloride	ND		31.2	mg/L	125	B511865	09/18/2025	09/22/2025	U
Sulfate	2280		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	3680		5.00	"	1	B511722	09/17/2025	09/22/2025	

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MW-05

9/16/2025 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0365-05 (Water) Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B511801	09/18/2025	09/18/2025	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	104 %				70-130	"	"	"	
Surrogate: Toluene-d8	96.3 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	99.2 %				70-130	"	"	"	
Chloride and Sulfate By EPA 300.0									
Chloride	31.3		31.2	mg/L	125	B511865	09/18/2025	09/22/2025	
Sulfate	2460		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	3880		5.00	"	1	B511722	09/17/2025	09/22/2025	

Origins Laboratory

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Eagle Environmental Consulting, LLC
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 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
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MW-06

9/16/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0365-06 (Water)									
Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B511801	09/18/2025	09/18/2025	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	98.2 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	96.9 %				70-130	"	"	"	
Chloride and Sulfate By EPA 300.0									
Chloride	419		31.2	mg/L	125	B511865	09/18/2025	09/22/2025	
Sulfate	2450		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	4550		5.00	"	1	B511722	09/17/2025	09/22/2025	

Origins Laboratory

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 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
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MW-07

9/16/2025 10:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0365-07 (Water) Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B511801	09/18/2025	09/18/2025	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	1.06		1.00	"	"	"	"	"	
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	103 %								
Surrogate: Toluene-d8	98.3 %								
Surrogate: 4-Bromofluorobenzene	99.7 %								
Chloride and Sulfate By EPA 300.0									
Chloride	1280		31.2	mg/L	125	B511865	09/18/2025	09/22/2025	
Sulfate	2320		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	5920		5.00	"	1	B511722	09/17/2025	09/22/2025	

Origins Laboratory

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 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - McKinstry 28N 21N 7C 2N OSA

MW-08

9/16/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0365-08 (Water)									
Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B511801	09/18/2025	09/19/2025	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	10.9		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	95.8 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	102 %				70-130	"	"	"	
Chloride and Sulfate By EPA 300.0									
Chloride	864		31.2	mg/L	125	B511865	09/18/2025	09/22/2025	
Sulfate	2500		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	5340		5.00	"	1	B511722	09/17/2025	09/22/2025	

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 Project Number: [none]
 Project: KMG - McKinstry 28N 21N 7C 2N OSA

MW-09

9/16/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0365-09 (Water) Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B511801	09/18/2025	09/18/2025	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	103 %					"	"	"	
Surrogate: Toluene-d8	97.0 %					"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %					"	"	"	
Chloride and Sulfate By EPA 300.0									
Chloride	ND		31.2	mg/L	125	B511865	09/18/2025	09/22/2025	U
Sulfate	983		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	1580		5.00	"	1	B511722	09/17/2025	09/22/2025	

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 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - McKinstry 28N 21N 7C 2N OSA

MW-10

9/16/2025 1:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5I0365-10 (Water)
 Origins Laboratory**

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B511801	09/18/2025	09/18/2025	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	102 %				70-130	"	"	"	
Surrogate: Toluene-d8	96.8 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	99.9 %				70-130	"	"	"	

Chloride and Sulfate By EPA 300.0

Chloride	ND		31.2	mg/L	125	B511865	09/18/2025	09/22/2025	U
Sulfate	1890		31.2	"	"	"	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2920		5.00	"	1	B511722	09/17/2025	09/22/2025	
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Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - McKinstry 28N 21N 7C 2N OSA

MW-11

9/16/2025 2:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0365-11 (Water) Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B511801	09/18/2025	09/18/2025	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	96.9 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %				70-130	"	"	"	
Chloride and Sulfate By EPA 300.0									
Chloride	ND		31.2	mg/L	125	B511865	09/18/2025	09/22/2025	U
Sulfate	604		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	1170		5.00	"	1	B511740	09/17/2025	09/22/2025	

Origins Laboratory

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - McKinstry 28N 21N 7C 2N OSA

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B511722 - NO PREP										
Blank (B511722-BLK1)										
Prepared: 09/17/2025 Analyzed: 09/22/2025										
Total Dissolved Solids	ND	5.00	mg/L							U
LCS (B511722-BS1)										
Prepared: 09/17/2025 Analyzed: 09/22/2025										
Total Dissolved Solids	982	5.00	mg/L	1000		98.2	90-110			
Duplicate (B511722-DUP1)										
Source: E5i0345-08 Prepared: 09/17/2025 Analyzed: 09/22/2025										
Total Dissolved Solids	1180	5.00	mg/L		1160			1.20	10	
Batch B511740 - NO PREP										
Blank (B511740-BLK1)										
Prepared: 09/17/2025 Analyzed: 09/22/2025										
Total Dissolved Solids	ND	5.00	mg/L							U
LCS (B511740-BS1)										
Prepared: 09/17/2025 Analyzed: 09/22/2025										
Total Dissolved Solids	976	5.00	mg/L	1000		97.6	90-110			
Duplicate (B511740-DUP1)										
Source: E5i0365-11 Prepared: 09/17/2025 Analyzed: 09/22/2025										
Total Dissolved Solids	1060	5.00	mg/L		1170			9.87	10	
Batch B511865 - Filter .45um non acidified										
Blank (B511865-BLK1)										
Prepared: 09/18/2025 Analyzed: 09/21/2025										
Chloride	ND	0.250	mg/L							U
Sulfate	ND	0.250	"							U
LCS (B511865-BS1)										
Prepared: 09/18/2025 Analyzed: 09/21/2025										
Chloride	4.15	0.250	mg/L	4.00		104	90-110			
Sulfate	3.96	0.250	"	4.00		99.0	90-110			

Origins Laboratory

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Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B511865 - Filter .45um non acidified

Matrix Spike (B511865-MS1)

Source: E510345-07

Prepared: 09/18/2025 Analyzed: 09/21/2025

Chloride	719		mg/L	500	190	106	90-110			
Sulfate	699		"	500	194	101	90-110			

Matrix Spike Dup (B511865-MSD1)

Source: E510345-07

Prepared: 09/18/2025 Analyzed: 09/21/2025

Chloride	723		mg/L	500	190	107	90-110	0.574	5	
Sulfate	700		"	500	194	101	90-110	0.0643	5	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B511801 - EPA 5030B (Water)

Prepared: 09/18/2025 Analyzed: 09/18/2025

Blank (B511801-BLK1)

1,2,4-Trimethylbenzene	ND	2.00	ug/L							U
1,3,5-Trimethylbenzene	ND	2.00	"							U
Benzene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Naphthalene	ND	2.00	"							U
Toluene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U

Surrogate: 1,2-Dichloroethane-d4	65		"	62.5		105	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.1	70-130			

LCS (B511801-BS1)

Prepared: 09/18/2025 Analyzed: 09/18/2025

1,2,4-Trimethylbenzene	51.8	2.00	ug/L	50.0		104	70-130			
1,3,5-Trimethylbenzene	53.0	2.00	"	50.0		106	70-130			
Benzene	45.3	1.00	"	50.0		90.5	70-130			
Ethylbenzene	55.6	1.00	"	50.0		111	70-130			
m,p-Xylene	110	2.00	"	100		110	70-130			
Naphthalene	43.7	2.00	"	50.0		87.4	70-130			
o-Xylene	52.7	1.00	"	50.0		105	70-130			
Toluene	50.4	1.00	"	50.0		101	70-130			

Surrogate: 1,2-Dichloroethane-d4	67		"	62.5		107	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.2	70-130			

Matrix Spike (B511801-MS1)

Source: E510365-01

Prepared: 09/18/2025 Analyzed: 09/18/2025

1,2,4-Trimethylbenzene	58.7	2.00	ug/L	50.0	ND	117	70-130			
1,3,5-Trimethylbenzene	60.2	2.00	"	50.0	ND	120	70-130			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B511801 - EPA 5030B (Water)

Matrix Spike (B511801-MS1)			Source: E510365-01			Prepared: 09/18/2025 Analyzed: 09/18/2025				
Benzene	50.6	1.00	ug/L	50.0	ND	101	70-130			
Ethylbenzene	62.3	1.00	"	50.0	ND	125	70-130			
m,p-Xylene	124	2.00	"	100	ND	124	70-130			
Naphthalene	49.7	2.00	"	50.0	ND	99.3	70-130			
o-Xylene	59.5	1.00	"	50.0	ND	119	70-130			
Toluene	57.3	1.00	"	50.0	ND	115	70-130			
Surrogate: 1,2-Dichloroethane-d4	67		"	62.5		107	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		100	70-130			

Matrix Spike Dup (B511801-MSD1)			Source: E510365-01			Prepared: 09/18/2025 Analyzed: 09/18/2025				
1,2,4-Trimethylbenzene	59.8	2.00	ug/L	50.0	ND	120	70-130	1.87	20	
1,3,5-Trimethylbenzene	62.2	2.00	"	50.0	ND	124	70-130	3.32	20	
Benzene	50.2	1.00	"	50.0	ND	100	70-130	0.912	20	
Ethylbenzene	63.0	1.00	"	50.0	ND	126	70-130	1.15	20	
m,p-Xylene	125	2.00	"	100	ND	125	70-130	0.579	20	
Naphthalene	51.3	2.00	"	50.0	ND	103	70-130	3.27	20	
o-Xylene	60.0	1.00	"	50.0	ND	120	70-130	0.737	20	
Toluene	57.4	1.00	"	50.0	ND	115	70-130	0.227	20	
Surrogate: 1,2-Dichloroethane-d4	68		"	62.5		108	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		98.4	70-130			

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Notes and Definitions

- U Sample is Non-Detect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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