



Ensolum

January 13, 2025

Jeremy Espinoza

11049 W 44th Avenue, Suite 103

Wheat Ridge CO 80033

**Project Name - KMG - Hunter, Hunter 9&16-32  
OSA Facility**

**Project Number - 09A1662050**

Attached are your analytical results for KMG - Hunter, Hunter 9&16-32 OSA Facility received by Origins Laboratory December 13, 2024. This project is associated with Origins project number E4L0538-01.

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  
303.433.1322  
projectmanager@originslab.com



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



Ensolum

11049 W 44th Avenue, Suite 103

Wheat Ridge CO 80033

Jeremy Espinoza

Project Number: 09A1662050

Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	E4L0538-01	Water	December 13, 2024 13:48	12/13/2024 17:34
MW02	E4L0538-02	Water	December 13, 2024 14:33	12/13/2024 17:34
MW03	E4L0538-03	Water	December 13, 2024 14:47	12/13/2024 17:34
MW04	E4L0538-04	Water	December 13, 2024 14:56	12/13/2024 17:34
MW05	E4L0538-05	Water	December 13, 2024 13:17	12/13/2024 17:34
MW06	E4L0538-06	Water	December 13, 2024 13:28	12/13/2024 17:34
MW07	E4L0538-07	Water	December 13, 2024 13:37	12/13/2024 17:34
MW08	E4L0538-08	Water	December 13, 2024 15:22	12/13/2024 17:34
MW09	E4L0538-09	Water	December 13, 2024 15:33	12/13/2024 17:34
MW10	E4L0538-10	Water	December 13, 2024 14:12	12/13/2024 17:34
MW11	E4L0538-11	Water	December 13, 2024 14:24	12/13/2024 17:34

Origins Laboratory

*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.*

Ensolum

11049 W 44th Avenue, Suite 103

Wheat Ridge CO 80033

Jeremy Espinoza

Project Number: 09A1662050

Project: KMG - Hunter, Hunter 9&16-32 OSA Facility

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

**ORIGINS**  
LABORATORY, INC

6460338

www.originslaboratory.com

page 1 of 2

Client: Ensolum  
Address: 11049 W 44th, Wheat Ridge 80033  
Telephone Number:   
Email Address: KMG Team  
Project Manager: Jeremy Espinoza  
Project Name: Hunter, Hunter 9&16-32 OSA Facility  
Project Number: 09A1662050  
Samples Collected By: KMG Team

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix	Analysis			Sample Instructions
				Unpreserved	HCl	HNO <sub>3</sub>		Full List 915	BTX+N	TDS, Chloride Sulfide	
MMW01	12/13/24	1446	4	X				X			1
MMW02	12/13/24	1423	1								2
MMW03	12/13/24	1442	1								3
MMW04	12/13/24	1456	1								4
MMW05	12/13/24	1317	1								5
MMW06	12/13/24	1328	1								6
MMW07	12/13/24	1337	1								7
MMW08	12/13/24	1522	1								8
MMW09	12/13/24	1533	1								9
MMW10	12/13/24	1912	1								10
Relinquished By: <i>[Signature]</i>	Date: 12/13/24	Time: 1734	Received By: <i>[Signature]</i>	Date: 12/13/24	Time: 1734	Turnaround Time:					
				Standard: <input type="checkbox"/>		Some Day: <input type="checkbox"/>		24 Hr: <input type="checkbox"/>		48 Hr: <input type="checkbox"/>	

5.0 Date Results Needed

Origins Laboratory

*[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.



Ensolum

11049 W 44th Avenue, Suite 103

Wheat Ridge CO 80033

Jeremy Espinoza

Project Number: 09A1662050

Project: KMG - Hunter, Hunter 9&16-32 OSA Facility

Origins Laboratory

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

## Sample Receipt Checklist

Origins Work Order: E410532

Client: Ensolum

Client Project ID: Hunter

Checklist Completed by: [Signature]

Shipped Via: HO

Date/time completed: 12/16/14

Airbill #: N/A

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

Cooler Number/Temperature: 1 5.6 °C 1 °C 1 °C (Describe)

Thermometer ID: 7067

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> ?	<u>/</u>			
Is there ice present (document if blue ice is used)	<u>/</u>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<u>/</u>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<u>/</u>		
Were all samples received intact <sup>(1)</sup> ?	<u>/</u>			
Was adequate sample volume provided <sup>(1)</sup> ?	<u>/</u>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<u>/</u>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<u>/</u>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<u>/</u>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<u>/</u>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<u>/</u>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.		<u>/</u>		
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)	<u>/</u>			<u>NC</u>
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) [Signature]

12/17/14  
Date/Time Reviewed

Origins Laboratory

[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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

MW01

12/13/2024 1:48:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	------------------------	--------------------	-------	----------	-------	----------	----------	-------

Origins Laboratory  
E4L0538-01 (Water)

Anions by IC 300.0

Chloride	ND	31.2	mg/L	125	B4L1803	12/18/2024	12/19/2024
Sulfate	437	31.2	"	"	"	"	"

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4L1826	12/18/2024	12/18/2024	Ua
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	Ua
Benzene	ND	1.00	"	"	"	"	"	Ua
Ethylbenzene	ND	1.00	"	"	"	"	"	Ua
Naphthalene	ND	2.00	"	"	"	"	"	Ua
Toluene	ND	1.00	"	"	"	"	"	Ua
Xylenes, total	ND	1.00	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130	"	"	"
Surrogate: Toluene-d8	100 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	107 %	70-130	"	"	"

TDS by SM2540C

Total Dissolved Solids	910	23.8	100	mg/L	1	2724020	12/13/2024	12/19/2024
------------------------	-----	------	-----	------	---	---------	------------	------------

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

MW02

12/13/2024 2:33:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory  
E4L0538-02 (Water)

Anions by IC 300.0

Chloride	ND	31.2	mg/L	125	B4L1803	12/18/2024	12/19/2024
Sulfate	375	31.2	"	"	"	"	"

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4L1826	12/18/2024	12/18/2024	Ua
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	Ua
Benzene	ND	1.00	"	"	"	"	"	Ua
Ethylbenzene	ND	1.00	"	"	"	"	"	Ua
Naphthalene	ND	2.00	"	"	"	"	"	Ua
Toluene	ND	1.00	"	"	"	"	"	Ua
Xylenes, total	ND	1.00	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130	"	"	"
Surrogate: Toluene-d8	103 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	80.2 %	70-130	"	"	"

TDS by SM2540C

Total Dissolved Solids	905	2.38	10.0	mg/L	1	2724020	12/13/2024	12/19/2024
------------------------	-----	------	------	------	---	---------	------------	------------

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

MW03

12/13/2024 2:47:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	------------------------	--------------------	-------	----------	-------	----------	----------	-------

Origins Laboratory  
E4L0538-03 (Water)

Anions by IC 300.0

Chloride	ND	31.2	mg/L	125	B4L1803	12/18/2024	12/19/2024
Sulfate	440	31.2	"	"	"	"	"

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4L1826	12/18/2024	12/18/2024	Ua
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	Ua
Benzene	ND	1.00	"	"	"	"	"	Ua
Ethylbenzene	ND	1.00	"	"	"	"	"	Ua
Naphthalene	ND	2.00	"	"	"	"	"	Ua
Toluene	ND	1.00	"	"	"	"	"	Ua
Xylenes, total	ND	1.00	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130	"	"	"
Surrogate: Toluene-d8	92.1 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	105 %	70-130	"	"	"

TDS by SM2540C

Total Dissolved Solids	1020	2.38	10.0	mg/L	1	2724020	12/13/2024	12/19/2024
------------------------	------	------	------	------	---	---------	------------	------------

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

MW04

12/13/2024 2:56:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	------------------------	--------------------	-------	----------	-------	----------	----------	-------

Origins Laboratory  
E4L0538-04 (Water)

Anions by IC 300.0

Chloride	ND	31.2	mg/L	125	B4L1803	12/18/2024	12/19/2024
Sulfate	529	31.2	"	"	"	"	"

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4L1826	12/18/2024	12/18/2024	Ua
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	Ua
Benzene	ND	1.00	"	"	"	"	"	Ua
Ethylbenzene	ND	1.00	"	"	"	"	"	Ua
Naphthalene	ND	2.00	"	"	"	"	"	Ua
Toluene	ND	1.00	"	"	"	"	"	Ua
Xylenes, total	ND	1.00	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	90.6 %	70-130	"	"	"

TDS by SM2540C

Total Dissolved Solids	1180	2.38	10.0	mg/L	1	2724020	12/13/2024	12/19/2024
------------------------	------	------	------	------	---	---------	------------	------------

Origins Laboratory

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.

Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

## MW05

12/13/2024 1:17:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

## Origins Laboratory

### E4L0538-05 (Water)

### Anions by IC 300.0

Chloride	ND	31.2	mg/L	125	B4L1803	12/18/2024	12/19/2024
Sulfate	435	31.2	"	"	"	"	"

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4L1826	12/18/2024	12/18/2024	Ua
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	Ua
Benzene	ND	1.00	"	"	"	"	"	Ua
Ethylbenzene	ND	1.00	"	"	"	"	"	Ua
Naphthalene	ND	2.00	"	"	"	"	"	Ua
Toluene	ND	1.00	"	"	"	"	"	Ua
Xylenes, total	ND	1.00	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130	"	"	"
Surrogate: Toluene-d8	103 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	84.6 %	70-130	"	"	"

### TDS by SM2540C

Total Dissolved Solids	1050	2.38	10.0	mg/L	1	2724020	12/13/2024	12/19/2024
------------------------	------	------	------	------	---	---------	------------	------------

Origins Laboratory



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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

MW06

12/13/2024 1:28:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory  
E4L0538-06 (Water)

Anions by IC 300.0

Chloride	ND	31.2	mg/L	125	B4L1803	12/18/2024	12/19/2024
Sulfate	376	31.2	"	"	"	"	"

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4L1826	12/18/2024	12/18/2024	Ua
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	Ua
Benzene	ND	1.00	"	"	"	"	"	Ua
Ethylbenzene	ND	1.00	"	"	"	"	"	Ua
Naphthalene	ND	2.00	"	"	"	"	"	Ua
Toluene	ND	1.00	"	"	"	"	"	Ua
Xylenes, total	ND	1.00	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	112 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	98.5 %	70-130	"	"	"

TDS by SM2540C

Total Dissolved Solids	901	2.38	10.0	mg/L	1	2724020	12/13/2024	12/19/2024
------------------------	-----	------	------	------	---	---------	------------	------------

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

MW07

12/13/2024 1:37:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory  
E4L0538-07 (Water)

Anions by IC 300.0

Chloride	ND	31.2	mg/L	125	B4L1803	12/18/2024	12/19/2024
Sulfate	370	31.2	"	"	"	"	"

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4L1826	12/18/2024	12/18/2024	Ua
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	Ua
Benzene	ND	1.00	"	"	"	"	"	Ua
Ethylbenzene	ND	1.00	"	"	"	"	"	Ua
Naphthalene	ND	2.00	"	"	"	"	"	Ua
Toluene	ND	1.00	"	"	"	"	"	Ua
Xylenes, total	ND	1.00	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	91.7 %	70-130	"	"	"

Total Dissolved Solids by 2540C

Total Dissolved Solids	896	5.00	mg/L	1	B5A0722	01/07/2025	01/09/2025	O-04
------------------------	-----	------	------	---	---------	------------	------------	------

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

MW08

12/13/2024 3:22:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory  
E4L0538-08 (Water)

Anions by IC 300.0

Chloride	ND	31.2	mg/L	125	B4L1803	12/18/2024	12/19/2024
Sulfate	414	31.2	"	"	"	"	"

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4L1826	12/18/2024	12/18/2024	Ua
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	Ua
Benzene	ND	1.00	"	"	"	"	"	Ua
Ethylbenzene	ND	1.00	"	"	"	"	"	Ua
Naphthalene	ND	2.00	"	"	"	"	"	Ua
Toluene	ND	1.00	"	"	"	"	"	Ua
Xylenes, total	ND	1.00	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	89.4 %	70-130	"	"	"
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	96.1 %	70-130	"	"	"

TDS by SM2540C

Total Dissolved Solids	1050	2.38	10.0	mg/L	1	2724020	12/13/2024	12/19/2024
------------------------	------	------	------	------	---	---------	------------	------------

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

MW09

12/13/2024 3:33:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory  
E4L0538-09 (Water)

Anions by IC 300.0

Chloride	ND	31.2	mg/L	125	B4L1803	12/18/2024	12/19/2024
Sulfate	422	31.2	"	"	"	"	"

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4L1826	12/18/2024	12/18/2024	Ua
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	Ua
Benzene	ND	1.00	"	"	"	"	"	Ua
Ethylbenzene	ND	1.00	"	"	"	"	"	Ua
Naphthalene	ND	2.00	"	"	"	"	"	Ua
Toluene	ND	1.00	"	"	"	"	"	Ua
Xylenes, total	ND	1.00	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130	"	"	"
Surrogate: Toluene-d8	103 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	95.0 %	70-130	"	"	"

TDS by SM2540C

Total Dissolved Solids	968	2.38	10.0	mg/L	1	2724020	12/13/2024	12/19/2024
------------------------	-----	------	------	------	---	---------	------------	------------

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

MW10

12/13/2024 2:12:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory  
E4L0538-10 (Water)

Anions by IC 300.0

Chloride	ND	31.2	mg/L	125	B4L1803	12/18/2024	12/19/2024
Sulfate	478	31.2	"	"	"	"	"

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4L1826	12/18/2024	12/18/2024	Ua
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	Ua
Benzene	ND	1.00	"	"	"	"	"	Ua
Ethylbenzene	ND	1.00	"	"	"	"	"	Ua
Naphthalene	ND	2.00	"	"	"	"	"	Ua
Toluene	ND	1.00	"	"	"	"	"	Ua
Xylenes, total	ND	1.00	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130	"	"	"
Surrogate: Toluene-d8	103 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	92.4 %	70-130	"	"	"

TDS by SM2540C

Total Dissolved Solids	1070	2.38	10.0	mg/L	1	2724020	12/13/2024	12/19/2024
------------------------	------	------	------	------	---	---------	------------	------------

Origins Laboratory

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.

Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

## MW11

12/13/2024 2:24:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

## Origins Laboratory

### E4L0538-11 (Water)

### Anions by IC 300.0

Chloride	ND	31.2	mg/L	125	B4L1803	12/18/2024	12/19/2024
Sulfate	528	31.2	"	"	"	"	"

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4L1826	12/18/2024	12/18/2024	Ua
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	Ua
Benzene	ND	1.00	"	"	"	"	"	Ua
Ethylbenzene	ND	1.00	"	"	"	"	"	Ua
Naphthalene	ND	2.00	"	"	"	"	"	Ua
Toluene	ND	1.00	"	"	"	"	"	Ua
Xylenes, total	ND	1.00	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	114 %	70-130	"	"	"
Surrogate: Toluene-d8	83.3 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	90.2 %	70-130	"	"	"

### TDS by SM2540C

Total Dissolved Solids	1220	4.76	20.0	mg/L	1	2724020	12/13/2024	12/19/2024
------------------------	------	------	------	------	---	---------	------------	------------

Origins Laboratory



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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

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
Batch B4L1826 - EPA 5030B (Water)										
Blank (B4L1826-BLK1)					Prepared: 12/18/2024 Analyzed: 12/18/2024					
1,2,4-Trimethylbenzene	ND	2.00	ug/L							Ua
1,3,5-Trimethylbenzene	ND	2.00	"							Ua
Benzene	ND	1.00	"							Ua
Ethylbenzene	ND	1.00	"							Ua
Naphthalene	ND	2.00	"							Ua
Toluene	ND	1.00	"							Ua
Xylenes, total	ND	1.00	"							Ua
Surrogate: 1,2-Dichloroethane-d4	62		"	62.5		99.9	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	59		"	62.5		94.7	70-130			

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

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
Batch B4L1826 - EPA 5030B (Water)										
LCS (B4L1826-BS1)					Prepared: 12/18/2024 Analyzed: 12/18/2024					
1,2,4-Trimethylbenzene	49.2	2.00	ug/L	50.0		98.3	70-130			
1,3,5-Trimethylbenzene	49.8	2.00	"	50.0		99.7	70-130			
Benzene	50.2	1.00	"	50.0		100	70-130			
Ethylbenzene	52.9	1.00	"	50.0		106	70-130			
m,p-Xylene	106	2.00	"	100		106	70-130			
Naphthalene	41.1	2.00	"	50.0		82.3	70-130			
o-Xylene	50.7	1.00	"	50.0		101	70-130			
Toluene	49.1	1.00	"	50.0		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	67		"	62.5		107	70-130			
Surrogate: Toluene-d8	61		"	62.5		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.6	70-130			

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

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
Batch B4L1826 - EPA 5030B (Water)										
Matrix Spike (B4L1826-MS1)		Source: E4L0538-01			Prepared: 12/18/2024 Analyzed: 12/18/2024					
1,2,4-Trimethylbenzene	46.9	2.00	ug/L	50.0	ND	93.8	70-130			
1,3,5-Trimethylbenzene	47.7	2.00	"	50.0	ND	95.3	70-130			
Benzene	47.8	1.00	"	50.0	ND	95.6	70-130			
Ethylbenzene	53.1	1.00	"	50.0	ND	106	70-130			
m,p-Xylene	106	2.00	"	100	ND	106	70-130			
Naphthalene	41.5	2.00	"	50.0	ND	83.0	70-130			
o-Xylene	51.8	1.00	"	50.0	ND	104	70-130			
Toluene	54.2	1.00	"	50.0	ND	108	70-130			
Surrogate: 1,2-Dichloroethane-d4	64		"	62.5		103	70-130			
Surrogate: Toluene-d8	67		"	62.5		108	70-130			
Surrogate: 4-Bromofluorobenzene	57		"	62.5		91.7	70-130			

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

**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
Batch B4L1826 - EPA 5030B (Water)										
Matrix Spike Dup (B4L1826-MSD1)		Source: E4L0538-01			Prepared: 12/18/2024 Analyzed: 12/18/2024					
1,2,4-Trimethylbenzene	47.1	2.00	ug/L	50.0	ND	94.1	70-130	0.340	20	
1,3,5-Trimethylbenzene	47.1	2.00	"	50.0	ND	94.2	70-130	1.16	20	
Benzene	49.7	1.00	"	50.0	ND	99.4	70-130	3.94	20	
Ethylbenzene	54.0	1.00	"	50.0	ND	108	70-130	1.64	20	
m,p-Xylene	109	2.00	"	100	ND	109	70-130	2.41	20	
Naphthalene	37.8	2.00	"	50.0	ND	75.7	70-130	9.20	20	
o-Xylene	53.7	1.00	"	50.0	ND	107	70-130	3.70	20	
Toluene	51.9	1.00	"	50.0	ND	104	70-130	4.41	20	
Surrogate: 1,2-Dichloroethane-d4	64		"	62.5		102	70-130			
Surrogate: Toluene-d8	65		"	62.5		104	70-130			
Surrogate: 4-Bromofluorobenzene	56		"	62.5		89.4	70-130			

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory**

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

**Batch B4L1803 - Filter .45um non acidified**

**Blank (B4L1803-BLK1)**

Prepared: 12/18/2024 Analyzed: 12/19/2024

Chloride	ND	0.250	mg/L
Sulfate	ND	0.250	"

**LCS (B4L1803-BS1)**

Prepared: 12/18/2024 Analyzed: 12/19/2024

Chloride	3.97	0.250	mg/L	4.00	99.4	90-110
Sulfate	3.93	0.250	"	4.00	98.3	90-110

**Matrix Spike (B4L1803-MS1)**

Source: E4L0538-01

Prepared: 12/18/2024 Analyzed: 12/19/2024

Chloride	533	mg/L	500	24.2	102	90-110
Sulfate	961	"	500	437	105	90-110

**Matrix Spike Dup (B4L1803-MSD1)**

Source: E4L0538-01

Prepared: 12/18/2024 Analyzed: 12/19/2024

Chloride	534	mg/L	500	24.2	102	90-110	0.152	5
Sulfate	955	"	500	437	104	90-110	0.664	5

**Batch B5A0722 - NO PREP**

**Blank (B5A0722-BLK1)**

Prepared: 01/07/2025 Analyzed: 01/09/2025

Total Dissolved Solids	ND	5.00	mg/L
------------------------	----	------	------

**LCS (B5A0722-BS1)**

Prepared: 01/07/2025 Analyzed: 01/09/2025

Total Dissolved Solids	1010	5.00	mg/L	1010	100	90-110
------------------------	------	------	------	------	-----	--------

**Duplicate (B5A0722-DUP1)**

Source: E4L0538-07

Prepared: 01/07/2025 Analyzed: 01/09/2025

Origins Laboratory

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.



Ensolum

11049 W 44th Avenue, Suite 103

Wheat Ridge CO 80033

Jeremy Espinoza

Project Number: 09A1662050

Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

Classical Chemistry Parameters - Quality Control  
Origins Laboratory

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

Batch B5A0722 - NO PREP

Total Dissolved Solids	868	5.00	mg/L		896			3.17	10	
------------------------	-----	------	------	--	-----	--	--	------	----	--

Origins Laboratory

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.



Ensolum  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A1662050  
Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

**TDS by SM2540C - Quality Control**  
**GEL Laboratories, LLC**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2724020 -										
<b>BLANK (1205956431-BLK)</b>					Prepared: Analyzed: 12/19/2024					
Total Dissolved Solids	ND	10.0	mg/L				-			U
<b>LCS (1205956432-BKS)</b>					Prepared: Analyzed: 12/19/2024					
Total Dissolved Solids	298	10.0	mg/L	300		99.3	95-105			
<b>DUP (1205956433 D)</b>					Source: E4L0538-01 Prepared: Analyzed: 12/19/2024					
Total Dissolved Solids	890	100	mg/L		910		0-5	2.22	5	
<b>DUP (1205956434 D)</b>					Source: E4L0538-11 Prepared: Analyzed: 12/19/2024					
Total Dissolved Solids	1180	20.0	mg/L		1220		0-5	2.83	5	

Origins Laboratory

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.



Ensolum

11049 W 44th Avenue, Suite 103

Wheat Ridge CO 80033

Jeremy Espinoza

Project Number: 09A1662050

Project: KMG - Hunter, Hunter 9&16-32 OSA  
Facility

### Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

O-04 This sample was analyzed outside the EPA recommended holding time.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Origins Laboratory

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