



Eagle Environmental Consulting, LLC

April 17, 2025

D. Castro

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - Bayswater - WAAG North Onsite Whs/FLs/TB**      **Project Number - [none]**

Attached are your analytical results for Bayswater - WAAG North Onsite Whs/FLs/TB received by Origins Laboratory March 26, 2025. This project is associated with Origins project number E5C0938-01.

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



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

D. Castro  
Project Number: [none]  
Project: Bayswater - WAAG North Onsite  
Whs/FLs/TB

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AST-SS-01@0.5'	E5C0938-01	Soil	March 26, 2025 9:45	03/26/2025 15:20
AST-SS-02@0.5'	E5C0938-02	Soil	March 26, 2025 9:50	03/26/2025 15:20
AST-SS-03@0.5'	E5C0938-03	Soil	March 26, 2025 9:55	03/26/2025 15:20
AST-SS-04@0.5'	E5C0938-04	Soil	March 26, 2025 10:00	03/26/2025 15:20
AST-SS-05@0.5'	E5C0938-05	Soil	March 26, 2025 10:05	03/26/2025 15:20
AST-SS-06@0.5'	E5C0938-06	Soil	March 26, 2025 10:10	03/26/2025 15:20
AST-SS-07@0.5'	E5C0938-07	Soil	March 26, 2025 10:12	03/26/2025 15:20
AST-SS-08@0.5'	E5C0938-08	Soil	March 26, 2025 10:15	03/26/2025 15:20
AST-SS-09@0.5'	E5C0938-09	Soil	March 26, 2025 10:20	03/26/2025 15:20
AST-SS-10@0.5'	E5C0938-10	Soil	March 26, 2025 10:25	03/26/2025 15:20
PBV01-FS-01@6'	E5C0938-11	Soil	March 26, 2025 10:30	03/26/2025 15:20
FL-SS-01@4'	E5C0938-12	Soil	March 26, 2025 11:55	03/26/2025 15:20
PBV02-FS-01@5'	E5C0938-13	Soil	March 26, 2025 11:00	03/26/2025 15:20
PBV02-SS-01@3'	E5C0938-14	Soil	March 26, 2025 11:02	03/26/2025 15:20

Origins Laboratory

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### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PBV02-SS-02@3'	E5C0938-15	Soil	March 26, 2025 11:04	03/26/2025 15:20
PBV02-SS-03@3'	E5C0938-16	Soil	March 26, 2025 11:06	03/26/2025 15:20
PBV02-SS-04@3'	E5C0938-17	Soil	March 26, 2025 11:08	03/26/2025 15:20
PBV03-FS-01@6'	E5C0938-18	Soil	March 26, 2025 12:12	03/26/2025 15:20
PBV04-FS-01@5'	E5C0938-19	Soil	March 26, 2025 13:20	03/26/2025 15:20

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Project Number: [none]  
Project: Bayswater - WAAG North Onsite  
Whs/FLs/TB

Temp. Received: 99C Received on Ice?  Yes  No

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix/Preservative	Analysis	Comments	Turnaround Time		
							48 Hr	72 Hr	24 Hr
MS-01-015	11/15	9:30	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-02-015	11/15	10:00	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-03-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-04-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-05-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-06-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-07-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-08-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-09-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-10-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-11-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-12-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-13-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-14-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS-15-015	11/15	10:15	1	WW			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Client: Emma Heather-Souders  
Address: 8000 W 44th Ave  
Telephone Number: 303 441 1171  
Email Address: emmas@souders.com  
Project Manager: D. Castro  
Project Name: Bayswater - WAAG North Onsite  
Project Number: [none]  
Invoice/Billing Info: EMMAHEATHERSOUDERS  
Collected By: EMMAHEATHERSOUDERS  
SIL=Surface Water  
WW=Waste Water  
L=Liquid  
GW=Groundwater  
Key: M=Water  
GW=Groundwater



ES00438

Origins Laboratory  
*EHO*

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

Client: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Telephone Number: \_\_\_\_\_  
 Email Address: \_\_\_\_\_

Project Manager: \_\_\_\_\_  
 Project Name: \_\_\_\_\_  
 Project Number: \_\_\_\_\_

Collected By: \_\_\_\_\_  
 Invoice/Billing Info: \_\_\_\_\_

Season: [SO-Solid] [Ocell] [Aval] [S-Gas] [UM-Supers] [HCl] = Hydrochloric [HNO3-Nitr] [H2SO4-Sulfuric] [MACH-Sodium Hydroxide]

Key: \_\_\_\_\_  
 W=Water  
 GW=Groundwater  
 SW=Surface Water  
 MW=Misc Water  
 L=Liquid

Temp Received: 39°C  
 Received On Ice?  Yes  No


Turnaround Time:  48 Hr  72  
 SAME DAY  24 Hr

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis	Comments
PAV0004	11/25/11	11:55	3	UMP		
PAV0005	11/25/11	11:55	3	UMP		
PAV0006	11/25/11	11:55	3	UMP		
PAV0007	11/25/11	11:55	3	UMP		
PAV0008	11/25/11	11:55	3	UMP		
PAV0009	11/25/11	11:55	3	UMP		
PAV0010	11/25/11	11:55	3	UMP		
PAV0011	11/25/11	11:55	3	UMP		
PAV0012	11/25/11	11:55	3	UMP		
PAV0013	11/25/11	11:55	3	UMP		
PAV0014	11/25/11	11:55	3	UMP		
PAV0015	11/25/11	11:55	3	UMP		
PAV0016	11/25/11	11:55	3	UMP		
PAV0017	11/25/11	11:55	3	UMP		
PAV0018	11/25/11	11:55	3	UMP		
PAV0019	11/25/11	11:55	3	UMP		
PAV0020	11/25/11	11:55	3	UMP		
PAV0021	11/25/11	11:55	3	UMP		
PAV0022	11/25/11	11:55	3	UMP		
PAV0023	11/25/11	11:55	3	UMP		
PAV0024	11/25/11	11:55	3	UMP		
PAV0025	11/25/11	11:55	3	UMP		
PAV0026	11/25/11	11:55	3	UMP		
PAV0027	11/25/11	11:55	3	UMP		
PAV0028	11/25/11	11:55	3	UMP		
PAV0029	11/25/11	11:55	3	UMP		
PAV0030	11/25/11	11:55	3	UMP		
PAV0031	11/25/11	11:55	3	UMP		
PAV0032	11/25/11	11:55	3	UMP		
PAV0033	11/25/11	11:55	3	UMP		
PAV0034	11/25/11	11:55	3	UMP		
PAV0035	11/25/11	11:55	3	UMP		
PAV0036	11/25/11	11:55	3	UMP		
PAV0037	11/25/11	11:55	3	UMP		
PAV0038	11/25/11	11:55	3	UMP		
PAV0039	11/25/11	11:55	3	UMP		
PAV0040	11/25/11	11:55	3	UMP		
PAV0041	11/25/11	11:55	3	UMP		
PAV0042	11/25/11	11:55	3	UMP		
PAV0043	11/25/11	11:55	3	UMP		
PAV0044	11/25/11	11:55	3	UMP		
PAV0045	11/25/11	11:55	3	UMP		
PAV0046	11/25/11	11:55	3	UMP		
PAV0047	11/25/11	11:55	3	UMP		
PAV0048	11/25/11	11:55	3	UMP		
PAV0049	11/25/11	11:55	3	UMP		
PAV0050	11/25/11	11:55	3	UMP		

Reinforced By: \_\_\_\_\_  
 Date: 11/25/11  
 Time: 15:20

Received By: NLM  
 Date: 03/26/25  
 Time: 15:20

Reinforced By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

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D. Castro  
 Project Number: [none]  
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 Whs/FLs/TB

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

**Sample Receipt Checklist**

Origins Work Order: ESC0938 Client: Eagle

Checklist Completed by: SKG/NKM Client Project ID: WAAG North Onsite WHS

Date/time completed: 3/26/25 Shipped Via: HID  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_  
Airbill #: N/A

Cooler Number/Temperature: 1 / 3.9 °C (Describe)

Thermometer ID: 7007

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"/>			①
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 NaOH, NaOCl, ZnAc, NaOH)	<input checked="" type="checkbox"/>			
Additional Comments (if any):	① ESC0938-02-4 are mislabeled at depths of 2' when CDC says 0.5'			

<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 be taken in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) AK Date/Time Reviewed 3/28/25

Origins Laboratory

*EHO*

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D. Castro  
 Project Number: [none]  
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**AST-SS-01@0.5'**  
**3/26/2025 9:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-01 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	ND	0.00111	0.00337	mg/kg dry	1	2774603	04/02/2025	04/07/2025	U
2-Methylnaphthalene	ND	0.00111	0.00337	"	"	"	"	"	U
Acenaphthene	ND	0.00111	0.00337	"	"	"	"	"	U
Anthracene	ND	0.00111	0.00337	"	"	"	"	"	U
Benzo(a)anthracene	0.00472	0.00111	0.00337	"	"	"	"	"	
Benzo(a)pyrene	0.00472	0.00111	0.00337	"	"	"	"	"	
Benzo(b)fluoranthene	0.00674	0.00111	0.00337	"	"	"	"	"	
Benzo(k)fluoranthene	0.00236	0.00111	0.00337	"	"	"	"	"	J
Chrysene	0.00607	0.00111	0.00337	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.00111	0.00337	"	"	"	"	"	U
Fluoranthene	0.0135	0.00111	0.00337	"	"	"	"	"	
Fluorene	0.00371	0.00111	0.00337	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	0.00337	0.00111	0.00337	"	"	"	"	"	
Naphthalene	ND	0.00111	0.00337	"	"	"	"	"	U
Pyrene	0.0142	0.00111	0.00337	"	"	"	"	"	
Surrogate: 5-alpha-Androstane	69 %				22-135	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.111	0.278	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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**AST-SS-01@0.5'**  
**3/26/2025 9:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-01 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.376		0.0997	mg/L	1	B5C2823	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: <i>o</i> -Terphenyl	87.7 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	99.3 %			70-130		"	"	"	
Surrogate: Toluene-d8	100 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	89.5 %			70-130		"	"	"	

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**AST-SS-01@0.5'**  
**3/26/2025 9:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-01 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.41	0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025
Magnesium	1.07	0.823	"	"	"	"	"
Sodium	1.79	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.22		pH Units	1	B5D0135	04/01/2025	04/03/2025
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**SAR by 20B Saturated Paste**

SAR	1.36	0.0100	SAR	1	B5D0131	04/01/2025	04/04/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.654	0.00500	mmhos/cm	1	B5D0135	04/01/2025	04/03/2025
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**Table 915 metals by EPA 6020B**

Arsenic	4.18	0.246	mg/kg	10	B5C2762	03/27/2025	03/28/2025
Barium	306	8.49	"	"	"	"	"
Cadmium	0.121	0.0849	"	"	"	"	"
Copper	ND	8.49	"	"	"	"	"
Lead	5.05	0.849	"	"	"	"	"
Nickel	6.66	0.849	"	"	"	"	"
Selenium	ND	0.221	"	"	"	"	"

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**AST-SS-01@0.5'**  
**3/26/2025 9:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-01 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0849	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		31.4	"	"	"	"	"	

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D. Castro  
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**AST-SS-02@0.5'**  
**3/26/2025 9:50:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-02 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	ND	0.00111	0.00338	mg/kg dry	1	2774603	04/02/2025	04/02/2025	U
2-Methylnaphthalene	ND	0.00111	0.00338	"	"	"	"	"	U
Acenaphthene	ND	0.00111	0.00338	"	"	"	"	"	U
Anthracene	ND	0.00111	0.00338	"	"	"	"	"	U
Benzo(a)anthracene	0.00203	0.00111	0.00338	"	"	"	"	"	J
Benzo(a)pyrene	0.00270	0.00111	0.00338	"	"	"	"	"	J
Benzo(b)fluoranthene	0.00304	0.00111	0.00338	"	"	"	"	"	J
Benzo(k)fluoranthene	ND	0.00111	0.00338	"	"	"	"	"	U
Chrysene	0.00304	0.00111	0.00338	"	"	"	"	"	J
Dibenzo(a,h)anthracene	ND	0.00111	0.00338	"	"	"	"	"	U
Fluoranthene	0.00372	0.00111	0.00338	"	"	"	"	"	U
Fluorene	ND	0.00111	0.00338	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	0.00203	0.00111	0.00338	"	"	"	"	"	J
Naphthalene	ND	0.00111	0.00338	"	"	"	"	"	U
Pyrene	0.00439	0.00111	0.00338	"	"	"	"	"	U

Surrogate: 5-alpha-Androstane 74 % 22-135 " " "

**TOTAL METALS BY 7196A**

Hexavalent Chromium ND 0.109 0.273 mg/kg dry 1 2779127 04/10/2025 04/10/2025 U

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-02@0.5'**  
**3/26/2025 9:50:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-02 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.236		0.0999	mg/L	1	B5C2823	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	85.6 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	96.3 %			70-130		"	"	"	
Surrogate: Toluene-d8	102 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	89.0 %			70-130		"	"	"	

Origins Laboratory

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 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-02@0.5'**  
**3/26/2025 9:50:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-02 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	1.77		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.04		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.32			pH Units	1	B5D0135	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	1.84		0.0100	SAR	1	B5D0131	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.564		0.00500	mmhos/cm	1	B5D0135	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	5.57		0.258	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	827		8.90	"	"	"	"	"	
Cadmium	0.156		0.0890	"	"	"	"	"	
Copper	9.17		8.90	"	"	"	"	"	
Lead	5.83		0.890	"	"	"	"	"	
Nickel	7.06		0.890	"	"	"	"	"	
Selenium	ND		0.231	"	"	"	"	"	

Origins Laboratory

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-02@0.5'**  
**3/26/2025 9:50:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-02 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0890	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		32.9	"	"	"	"	"	

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-03@0.5'**  
**3/26/2025 9:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-03 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	ND	0.00123	0.00373	mg/kg dry	1	2774603	04/02/2025	04/07/2025	U
2-Methylnaphthalene	ND	0.00123	0.00373	"	"	"	"	"	U
Acenaphthene	ND	0.00123	0.00373	"	"	"	"	"	U
Anthracene	ND	0.00123	0.00373	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00123	0.00373	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00123	0.00373	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00123	0.00373	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00123	0.00373	"	"	"	"	"	U
Chrysene	ND	0.00123	0.00373	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00123	0.00373	"	"	"	"	"	U
Fluoranthene	ND	0.00123	0.00373	"	"	"	"	"	U
Fluorene	ND	0.00123	0.00373	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00123	0.00373	"	"	"	"	"	U
Naphthalene	ND	0.00123	0.00373	"	"	"	"	"	U
Pyrene	ND	0.00123	0.00373	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	56 %			22-135	"	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.135	0.338	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

Origins Laboratory

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-03@0.5'**  
**3/26/2025 9:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-03 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.689		0.100	mg/L	1	B5C2823	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	94.4 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	96.3 %			70-130		"	"	"	
Surrogate: Toluene-d8	101 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	90.0 %			70-130		"	"	"	

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-03@0.5'**  
**3/26/2025 9:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-03 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.50	0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025
Magnesium	1.62	0.823	"	"	"	"	"
Sodium	2.01	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.30		pH Units	1	B5D0135	04/01/2025	04/03/2025
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**SAR by 20B Saturated Paste**

SAR	1.40	0.0100	SAR	1	B5D0131	04/01/2025	04/04/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.680	0.00500	mmhos/cm	1	B5D0135	04/01/2025	04/03/2025
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**Table 915 metals by EPA 6020B**

Arsenic	12.1	0.288	mg/kg	10	B5C2762	03/27/2025	03/28/2025
Barium	230	9.95	"	"	"	"	"
Cadmium	0.143	0.0995	"	"	"	"	"
Copper	ND	9.95	"	"	"	"	"
Lead	16.4	0.995	"	"	"	"	"
Nickel	7.38	0.995	"	"	"	"	"
Selenium	ND	0.259	"	"	"	"	"

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 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-03@0.5'**  
**3/26/2025 9:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-03 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0995	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		36.8	"	"	"	"	"	

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-04@0.5'**  
**3/26/2025 10:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-04 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	ND	0.00116	0.00351	mg/kg dry	1	2774603	04/02/2025	04/07/2025	U
2-Methylnaphthalene	ND	0.00116	0.00351	"	"	"	"	"	U
Acenaphthene	ND	0.00116	0.00351	"	"	"	"	"	U
Anthracene	ND	0.00116	0.00351	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00116	0.00351	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00116	0.00351	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00116	0.00351	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00116	0.00351	"	"	"	"	"	U
Chrysene	ND	0.00116	0.00351	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00116	0.00351	"	"	"	"	"	U
Fluoranthene	ND	0.00116	0.00351	"	"	"	"	"	U
Fluorene	ND	0.00116	0.00351	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00116	0.00351	"	"	"	"	"	U
Naphthalene	ND	0.00116	0.00351	"	"	"	"	"	U
Pyrene	ND	0.00116	0.00351	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	65 %			22-135		"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.154	0.385	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

Origins Laboratory

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 8000 W 44th Ave  
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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-04@0.5'**  
**3/26/2025 10:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-04 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.369		0.0999	mg/L	1	B5C2823	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	94.2 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	98.4 %			70-130		"	"	"	
Surrogate: Toluene-d8	102 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	88.3 %			70-130		"	"	"	

Origins Laboratory

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-04@0.5'**  
**3/26/2025 10:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-04 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	1.63		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	0.980		0.823	"	"	"	"	"	
Sodium	1.55		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.33			pH Units	1	B5D0135	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	1.36		0.0100	SAR	1	B5D0131	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.461		0.00500	mmhos/cm	1	B5D0135	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	6.59		0.269	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	220		9.28	"	"	"	"	"	
Cadmium	0.138		0.0928	"	"	"	"	"	
Copper	ND		9.28	"	"	"	"	"	
Lead	6.24		0.928	"	"	"	"	"	
Nickel	6.37		0.928	"	"	"	"	"	
Selenium	ND		0.241	"	"	"	"	"	

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 8000 W 44th Ave  
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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-04@0.5'**  
**3/26/2025 10:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-04 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0928	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		34.3	"	"	"	"	"	

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 8000 W 44th Ave  
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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-05@0.5'**  
**3/26/2025 10:05:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-05 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	0.00527	0.00116	0.00351	mg/kg dry	1	2774603	04/02/2025	04/02/2025	
2-Methylnaphthalene	0.00316	0.00116	0.00351	"	"	"	"	"	J
Acenaphthene	ND	0.00116	0.00351	"	"	"	"	"	U
Anthracene	ND	0.00116	0.00351	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00116	0.00351	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00116	0.00351	"	"	"	"	"	U
Benzo(b)fluoranthene	0.00176	0.00116	0.00351	"	"	"	"	"	J
Benzo(k)fluoranthene	ND	0.00116	0.00351	"	"	"	"	"	U
Chrysene	0.00632	0.00116	0.00351	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.00116	0.00351	"	"	"	"	"	U
Fluoranthene	0.00316	0.00116	0.00351	"	"	"	"	"	J
Fluorene	0.00773	0.00116	0.00351	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.00116	0.00351	"	"	"	"	"	U
Naphthalene	ND	0.00116	0.00351	"	"	"	"	"	U
Pyrene	0.00316	0.00116	0.00351	"	"	"	"	"	J

Surrogate: 5-alpha-Androstane 63 % 22-135 " " "

**TOTAL METALS BY 7196A**

Hexavalent Chromium ND 0.154 0.385 mg/kg dry 1 2779127 04/10/2025 04/10/2025 U

Origins Laboratory

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

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-05@0.5'**  
**3/26/2025 10:05:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-05 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.414		0.100	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	34.6		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
<i>Surrogate: o-Terphenyl</i>									
	87.3 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
<i>Surrogate: 1,2-Dichloroethane-d4</i>									
	99.4 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>									
	101 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>									
	90.6 %			70-130		"	"	"	

Origins Laboratory

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

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-05@0.5'**  
**3/26/2025 10:05:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-05 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	1.50		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.55		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.39			pH Units	1	B5D0135	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	1.44		0.0100	SAR	1	B5D0131	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.423		0.00500	mmhos/cm	1	B5D0135	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	4.42		0.260	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	229		8.96	"	"	"	"	"	
Cadmium	0.128		0.0896	"	"	"	"	"	
Copper	ND		8.96	"	"	"	"	"	
Lead	5.82		0.896	"	"	"	"	"	
Nickel	6.58		0.896	"	"	"	"	"	
Selenium	ND		0.233	"	"	"	"	"	

Origins Laboratory

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 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-05@0.5'**  
**3/26/2025 10:05:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-05 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0896	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		33.1	"	"	"	"	"	

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-06@0.5'**  
**3/26/2025 10:10:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-06 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	0.0777	0.00112	0.00341	mg/kg dry	1	2774603	04/02/2025	04/03/2025	
2-Methylnaphthalene	0.0600	0.00112	0.00341	"	"	"	"	"	
Acenaphthene	0.00409	0.00112	0.00341	"	"	"	"	"	
Anthracene	ND	0.00112	0.00341	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00112	0.00341	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00112	0.00341	"	"	"	"	"	U
Benzo(b)fluoranthene	0.00341	0.00112	0.00341	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00112	0.00341	"	"	"	"	"	U
Chrysene	0.0201	0.00112	0.00341	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.00112	0.00341	"	"	"	"	"	U
Fluoranthene	0.00750	0.00112	0.00341	"	"	"	"	"	
Fluorene	0.0494	0.00112	0.00341	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.00112	0.00341	"	"	"	"	"	U
Naphthalene	0.00307	0.00112	0.00341	"	"	"	"	"	J
Pyrene	0.00784	0.00112	0.00341	"	"	"	"	"	
Surrogate: 5-alpha-Androstane	95 %				22-135	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.109	0.271	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-06@0.5'**  
**3/26/2025 10:10:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-06 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.413		0.0998	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	140		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	109 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	100 %			70-130		"	"	"	
Surrogate: Toluene-d8	102 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	90.3 %			70-130		"	"	"	

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-06@0.5'**  
**3/26/2025 10:10:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-06 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	1.69		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	0.825		0.823	"	"	"	"	"	
Sodium	1.57		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.33			pH Units	1	B5D0135	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	1.40		0.0100	SAR	1	B5D0131	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.480		0.00500	mmhos/cm	1	B5D0135	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	9.11		0.267	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	239		9.19	"	"	"	"	"	
Cadmium	0.177		0.0919	"	"	"	"	"	
Copper	10.2		9.19	"	"	"	"	"	
Lead	6.94		0.919	"	"	"	"	"	
Nickel	7.66		0.919	"	"	"	"	"	
Selenium	ND		0.239	"	"	"	"	"	

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 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-06@0.5'**  
**3/26/2025 10:10:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-06 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0919	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		34.0	"	"	"	"	"	

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-07@0.5'**  
**3/26/2025 10:12:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-07 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	ND	0.00119	0.00360	mg/kg dry	1	2774603	04/02/2025	04/02/2025	U
2-Methylnaphthalene	ND	0.00119	0.00360	"	"	"	"	"	U
Acenaphthene	ND	0.00119	0.00360	"	"	"	"	"	U
Anthracene	ND	0.00119	0.00360	"	"	"	"	"	U
Benzo(a)anthracene	0.00216	0.00119	0.00360	"	"	"	"	"	J
Benzo(a)pyrene	0.00288	0.00119	0.00360	"	"	"	"	"	J
Benzo(b)fluoranthene	0.00324	0.00119	0.00360	"	"	"	"	"	J
Benzo(k)fluoranthene	ND	0.00119	0.00360	"	"	"	"	"	U
Chrysene	0.00288	0.00119	0.00360	"	"	"	"	"	J
Dibenzo(a,h)anthracene	ND	0.00119	0.00360	"	"	"	"	"	U
Fluoranthene	0.00432	0.00119	0.00360	"	"	"	"	"	U
Fluorene	ND	0.00119	0.00360	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	0.00216	0.00119	0.00360	"	"	"	"	"	J
Naphthalene	ND	0.00119	0.00360	"	"	"	"	"	U
Pyrene	0.00504	0.00119	0.00360	"	"	"	"	"	U

Surrogate: 5-alpha-Androstane 77% 22-135 " " "

**TOTAL METALS BY 7196A**

Hexavalent Chromium ND 0.140 0.350 mg/kg dry 1 2779127 04/10/2025 04/10/2025 U

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-07@0.5'**  
**3/26/2025 10:12:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-07 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.383		0.0998	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	86.0 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	99.1 %			70-130		"	"	"	
Surrogate: Toluene-d8	101 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	89.5 %			70-130		"	"	"	

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

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-07@0.5'**  
**3/26/2025 10:12:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-07 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	1.83		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	0.987		0.823	"	"	"	"	"	
Sodium	1.68		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.36			pH Units	1	B5D0135	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	1.41		0.0100	SAR	1	B5D0131	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.510		0.00500	mmhos/cm	1	B5D0135	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	4.32		0.251	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	462		8.65	"	"	"	"	"	
Cadmium	0.142		0.0865	"	"	"	"	"	
Copper	10.4		8.65	"	"	"	"	"	
Lead	5.44		0.865	"	"	"	"	"	
Nickel	7.00		0.865	"	"	"	"	"	
Selenium	ND		0.225	"	"	"	"	"	

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 8000 W 44th Ave  
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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-07@0.5'**  
**3/26/2025 10:12:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-07 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0865	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		32.0	"	"	"	"	"	

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-08@0.5'**  
**3/26/2025 10:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-08 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	ND	0.00112	0.00338	mg/kg dry	1	2774603	04/02/2025	04/02/2025	U
2-Methylnaphthalene	ND	0.00112	0.00338	"	"	"	"	"	U
Acenaphthene	ND	0.00112	0.00338	"	"	"	"	"	U
Anthracene	ND	0.00112	0.00338	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00112	0.00338	"	"	"	"	"	U
Benzo(a)pyrene	0.00203	0.00112	0.00338	"	"	"	"	"	J
Benzo(b)fluoranthene	ND	0.00112	0.00338	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00112	0.00338	"	"	"	"	"	U
Chrysene	0.00271	0.00112	0.00338	"	"	"	"	"	J
Dibenzo(a,h)anthracene	ND	0.00112	0.00338	"	"	"	"	"	U
Fluoranthene	0.00203	0.00112	0.00338	"	"	"	"	"	J
Fluorene	0.00169	0.00112	0.00338	"	"	"	"	"	J
Indeno(1,2,3-cd)pyrene	ND	0.00112	0.00338	"	"	"	"	"	U
Naphthalene	ND	0.00112	0.00338	"	"	"	"	"	U
Pyrene	0.00203	0.00112	0.00338	"	"	"	"	"	J
Surrogate: 5-alpha-Androstane	84 %				22-135	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.0953	0.238	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

Origins Laboratory

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 8000 W 44th Ave  
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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-08@0.5'**  
**3/26/2025 10:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-08 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.204		0.100	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	146		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
<i>Surrogate: o-Terphenyl</i>									
	89.4 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
<i>Surrogate: 1,2-Dichloroethane-d4</i>									
	98.5 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>									
	101 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>									
	90.0 %			70-130		"	"	"	

Origins Laboratory

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

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-08@0.5'**  
**3/26/2025 10:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-08 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	0.968		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.713		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.30			pH Units	1	B5D0135	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	0.881		0.0100	SAR	1	B5D0131	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.237		0.00500	mmhos/cm	1	B5D0135	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	4.41		0.264	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	390		9.10	"	"	"	"	"	
Cadmium	0.126		0.0910	"	"	"	"	"	
Copper	9.68		9.10	"	"	"	"	"	
Lead	5.54		0.910	"	"	"	"	"	
Nickel	6.11		0.910	"	"	"	"	"	
Selenium	ND		0.237	"	"	"	"	"	

Origins Laboratory

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-08@0.5'**  
**3/26/2025 10:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-08 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0910	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		33.7	"	"	"	"	"	

Origins Laboratory

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 8000 W 44th Ave  
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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-09@0.5'**  
**3/26/2025 10:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-09 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	ND	0.00118	0.00359	mg/kg dry	1	2774603	04/02/2025	04/02/2025	U
2-Methylnaphthalene	ND	0.00118	0.00359	"	"	"	"	"	U
Acenaphthene	ND	0.00118	0.00359	"	"	"	"	"	U
Anthracene	ND	0.00118	0.00359	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00118	0.00359	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00118	0.00359	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00118	0.00359	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00118	0.00359	"	"	"	"	"	U
Chrysene	ND	0.00118	0.00359	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00118	0.00359	"	"	"	"	"	U
Fluoranthene	0.00287	0.00118	0.00359	"	"	"	"	"	J
Fluorene	ND	0.00118	0.00359	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00118	0.00359	"	"	"	"	"	U
Naphthalene	ND	0.00118	0.00359	"	"	"	"	"	U
Pyrene	0.00287	0.00118	0.00359	"	"	"	"	"	J
Surrogate: 5-alpha-Androstane	77 %			22-135		"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.119	0.299	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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D. Castro  
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 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-09@0.5'**  
**3/26/2025 10:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-09 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.942		0.0998	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	94.5 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	97.2 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.7 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	89.4 %			70-130		"	"	"	

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-09@0.5'**  
**3/26/2025 10:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-09 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	1.19		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	4.02		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.38			pH Units	1	B5D0135	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	4.07		0.0100	SAR	1	B5D0131	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.683		0.00500	mmhos/cm	1	B5D0135	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	4.55		0.264	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	175		9.09	"	"	"	"	"	
Cadmium	0.132		0.0909	"	"	"	"	"	
Copper	ND		9.09	"	"	"	"	"	
Lead	5.86		0.909	"	"	"	"	"	
Nickel	6.30		0.909	"	"	"	"	"	
Selenium	ND		0.236	"	"	"	"	"	

Origins Laboratory

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-09@0.5'**  
**3/26/2025 10:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-09 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0909	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		33.6	"	"	"	"	"	

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-10@0.5'**  
**3/26/2025 10:25:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-10 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	ND	0.00111	0.00335	mg/kg dry	1	2774603	04/02/2025	04/02/2025	U
2-Methylnaphthalene	ND	0.00111	0.00335	"	"	"	"	"	U
Acenaphthene	ND	0.00111	0.00335	"	"	"	"	"	U
Anthracene	ND	0.00111	0.00335	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00111	0.00335	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00111	0.00335	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00111	0.00335	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00111	0.00335	"	"	"	"	"	U
Chrysene	ND	0.00111	0.00335	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00111	0.00335	"	"	"	"	"	U
Fluoranthene	ND	0.00111	0.00335	"	"	"	"	"	U
Fluorene	ND	0.00111	0.00335	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00111	0.00335	"	"	"	"	"	U
Naphthalene	ND	0.00111	0.00335	"	"	"	"	"	U
Pyrene	ND	0.00111	0.00335	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	70 %			22-135	"	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.118	0.294	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-10@0.5'**  
**3/26/2025 10:25:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-10 (Soil)**

**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	ND		0.0998	mg/L	1	B5C2824	03/28/2025	04/01/2025	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: <i>o</i> -Terphenyl	85.8 %			50-150		"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	97.5 %			70-130		"	"	"	
Surrogate: Toluene-d8	101 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	98.7 %			70-130		"	"	"	

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 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-10@0.5'**  
**3/26/2025 10:25:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-10 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	1.37		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.25			pH Units	1	B5D0135	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	0.187		0.0100	SAR	1	B5D0131	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.178		0.00500	mmhos/cm	1	B5D0135	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	3.62		0.282	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	185		9.74	"	"	"	"	"	
Cadmium	0.106		0.0974	"	"	"	"	"	
Copper	ND		9.74	"	"	"	"	"	
Lead	6.57		0.974	"	"	"	"	"	
Nickel	6.85		0.974	"	"	"	"	"	
Selenium	ND		0.253	"	"	"	"	"	

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**AST-SS-10@0.5'**  
**3/26/2025 10:25:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-10 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0974	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		36.0	"	"	"	"	"	

Origins Laboratory

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 8000 W 44th Ave  
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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV01-FS-01@6'**  
**3/26/2025 10:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-11 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	ND	0.00133	0.00402	mg/kg dry	1	2774603	04/02/2025	04/02/2025	U
2-Methylnaphthalene	ND	0.00133	0.00402	"	"	"	"	"	U
Acenaphthene	ND	0.00133	0.00402	"	"	"	"	"	U
Anthracene	0.00201	0.00133	0.00402	"	"	"	"	"	J
Benzo(a)anthracene	0.0104	0.00133	0.00402	"	"	"	"	"	
Benzo(a)pyrene	0.0133	0.00133	0.00402	"	"	"	"	"	
Benzo(b)fluoranthene	0.0133	0.00133	0.00402	"	"	"	"	"	
Benzo(k)fluoranthene	0.00643	0.00133	0.00402	"	"	"	"	"	
Chrysene	0.0100	0.00133	0.00402	"	"	"	"	"	
Dibenzo(a,h)anthracene	0.00361	0.00133	0.00402	"	"	"	"	"	J
Fluoranthene	0.0157	0.00133	0.00402	"	"	"	"	"	
Fluorene	ND	0.00133	0.00402	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	0.00964	0.00133	0.00402	"	"	"	"	"	
Naphthalene	ND	0.00133	0.00402	"	"	"	"	"	U
Pyrene	0.0177	0.00133	0.00402	"	"	"	"	"	
Surrogate: 5-alpha-Androstane	75 %			22-135	"	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.128	0.321	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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 8000 W 44th Ave  
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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV01-FS-01@6'**  
**3/26/2025 10:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-11 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.437		0.100	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: <i>o</i> -Terphenyl	84.4 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	105 %			70-130		"	"	"	
Surrogate: Toluene-d8	104 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	90.8 %			70-130		"	"	"	

Origins Laboratory

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV01-FS-01@6'**  
**3/26/2025 10:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-11 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	1.70		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.35		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.23			pH Units	1	B5D0136	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	1.24		0.0100	SAR	1	B5D0132	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.492		0.00500	mmhos/cm	1	B5D0136	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	5.73		0.267	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	149		9.20	"	"	"	"	"	
Cadmium	0.148		0.0920	"	"	"	"	"	
Copper	ND		9.20	"	"	"	"	"	
Lead	5.30		0.920	"	"	"	"	"	
Nickel	6.70		0.920	"	"	"	"	"	
Selenium	ND		0.239	"	"	"	"	"	

Origins Laboratory

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

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV01-FS-01@6'**  
**3/26/2025 10:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-11 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0920	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		34.0	"	"	"	"	"	

Origins Laboratory

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

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**FL-SS-01@4'**  
**3/26/2025 11:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-12 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	0.00480	0.00122	0.00370	mg/kg dry	1	2774603	04/02/2025	04/02/2025	
2-Methylnaphthalene	0.00333	0.00122	0.00370	"	"	"	"	"	J
Acenaphthene	ND	0.00122	0.00370	"	"	"	"	"	U
Anthracene	ND	0.00122	0.00370	"	"	"	"	"	U
Benzo(a)anthracene	0.00222	0.00122	0.00370	"	"	"	"	"	J
Benzo(a)pyrene	0.00333	0.00122	0.00370	"	"	"	"	"	J
Benzo(b)fluoranthene	0.00333	0.00122	0.00370	"	"	"	"	"	J
Benzo(k)fluoranthene	ND	0.00122	0.00370	"	"	"	"	"	U
Chrysene	0.00480	0.00122	0.00370	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.00122	0.00370	"	"	"	"	"	U
Fluoranthene	0.00333	0.00122	0.00370	"	"	"	"	"	J
Fluorene	0.00259	0.00122	0.00370	"	"	"	"	"	J
Indeno(1,2,3-cd)pyrene	0.00185	0.00122	0.00370	"	"	"	"	"	J
Naphthalene	ND	0.00122	0.00370	"	"	"	"	"	U
Pyrene	0.00370	0.00122	0.00370	"	"	"	"	"	
Surrogate: 5-alpha-Androstane	79 %				22-135	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.159	0.398	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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D. Castro  
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 Whs/FLs/TB

**FL-SS-01@4'**  
**3/26/2025 11:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-12 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.548		0.100	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: <i>o</i> -Terphenyl	95.8 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	106 %			70-130		"	"	"	
Surrogate: Toluene-d8	103 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	90.7 %			70-130		"	"	"	

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D. Castro  
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 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**FL-SS-01@4'**  
**3/26/2025 11:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-12 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	4.05		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	2.04		0.823	"	"	"	"	"	
Sodium	0.927		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.19			pH Units	1	B5D0136	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	0.531		0.0100	SAR	1	B5D0132	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.791		0.00500	mmhos/cm	1	B5D0136	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	4.27		0.242	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	553		8.34	"	"	"	"	"	
Cadmium	0.166		0.0834	"	"	"	"	"	
Copper	ND		8.34	"	"	"	"	"	
Lead	5.40		0.834	"	"	"	"	"	
Nickel	7.00		0.834	"	"	"	"	"	
Selenium	0.329		0.217	"	"	"	"	"	

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 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**FL-SS-01@4'**  
**3/26/2025 11:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-12 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0834	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		30.9	"	"	"	"	"	

Origins Laboratory

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-FS-01@5'**  
**3/26/2025 11:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-13 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	0.607	0.00125	0.00380	mg/kg dry	1	2774603	04/02/2025	04/03/2025	
2-Methylnaphthalene	0.304	0.00125	0.00380	"	"	"	"	"	
Acenaphthene	0.0144	0.00125	0.00380	"	"	"	"	"	
Anthracene	ND	0.00125	0.00380	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00125	0.00380	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00125	0.00380	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00125	0.00380	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00125	0.00380	"	"	"	"	"	U
Chrysene	0.0615	0.00125	0.00380	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.00125	0.00380	"	"	"	"	"	U
Fluoranthene	0.0156	0.00125	0.00380	"	"	"	"	"	
Fluorene	0.0942	0.00125	0.00380	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.00125	0.00380	"	"	"	"	"	U
Naphthalene	0.110	0.00125	0.00380	"	"	"	"	"	
Pyrene	0.0190	0.00125	0.00380	"	"	"	"	"	
Surrogate: 5-alpha-Androstane	86 %				22-135	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.143	0.357	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-FS-01@5'**  
**3/26/2025 11:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-13 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.374		0.0998	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	1500		25.0	mg/kg	1	B5C3001	03/30/2025	03/31/2025	
Residual Range Organics (C28-C40)	5960		1000	"	10	"	"	04/01/2025	
Surrogate: o-Terphenyl	185 %			50-150		"	"	"	S-06, Ua
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	0.00382		0.00200	"	"	"	"	"	
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	3.53		0.200	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	97.9 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.6 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	90.2 %			70-130		"	"	"	

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 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-FS-01@5'**  
**3/26/2025 11:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-13 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.62		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	1.50		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	7.71			pH Units	1	B5D0136	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	0.295		0.0100	SAR	1	B5D0132	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.414		0.00500	mmhos/cm	1	B5D0136	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	8.00		0.278	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	214		9.59	"	"	"	"	"	
Cadmium	0.271		0.0959	"	"	"	"	"	
Copper	9.74		9.59	"	"	"	"	"	
Lead	9.26		0.959	"	"	"	"	"	
Nickel	10.9		0.959	"	"	"	"	"	
Selenium	ND		0.249	"	"	"	"	"	

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 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-FS-01@5'**  
**3/26/2025 11:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-13 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0959	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	42.7		35.5	"	"	"	"	"	

Origins Laboratory

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 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-01@3'**  
**3/26/2025 11:02:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-14 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	ND	0.00123	0.00373	mg/kg dry	1	2774603	04/02/2025	04/02/2025	U
2-Methylnaphthalene	ND	0.00123	0.00373	"	"	"	"	"	U
Acenaphthene	ND	0.00123	0.00373	"	"	"	"	"	U
Anthracene	ND	0.00123	0.00373	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00123	0.00373	"	"	"	"	"	U
Benzo(a)pyrene	0.0228	0.00123	0.00373	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00123	0.00373	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00123	0.00373	"	"	"	"	"	U
Chrysene	0.0433	0.00123	0.00373	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00123	0.00373	"	"	"	"	"	U
Fluoranthene	ND	0.00123	0.00373	"	"	"	"	"	U
Fluorene	ND	0.00123	0.00373	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00123	0.00373	"	"	"	"	"	U
Naphthalene	ND	0.00123	0.00373	"	"	"	"	"	U
Pyrene	0.00261	0.00123	0.00373	"	"	"	"	"	J
Surrogate: 5-alpha-Androstane	62 %			22-135	"	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.129	0.322	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-01@3'**  
**3/26/2025 11:02:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-14 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.355		0.0998	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	772		250	mg/kg	10	B5C3001	03/30/2025	04/01/2025	
Residual Range Organics (C28-C40)	5000		1000	"	"	"	"	"	
Surrogate: o-Terphenyl	149 %			50-150		"	"	"	S-06, Ua
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	2.61		0.200	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	107 %			70-130		"	"	"	
Surrogate: Toluene-d8	101 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	94.8 %			70-130		"	"	"	

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 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-01@3'**  
**3/26/2025 11:02:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-14 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	3.29		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	1.79		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	7.70			pH Units	1	B5D0136	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	0.227		0.0100	SAR	1	B5D0132	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.399		0.00500	mmhos/cm	1	B5D0136	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	4.95		0.260	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	180		8.95	"	"	"	"	"	
Cadmium	0.192		0.0895	"	"	"	"	"	
Copper	ND		8.95	"	"	"	"	"	
Lead	7.08		0.895	"	"	"	"	"	
Nickel	8.98		0.895	"	"	"	"	"	
Selenium	ND		0.233	"	"	"	"	"	

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-01@3'**  
**3/26/2025 11:02:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-14 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0895	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	45.5		33.1	"	"	"	"	"	

Origins Laboratory

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-02@3'**  
**3/26/2025 11:04:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-15 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	1.77	0.0126	0.0383	mg/kg dry	10	2774603	04/02/2025	04/03/2025	
2-Methylnaphthalene	1.16	0.0126	0.0383	"	"	"	"	"	
Acenaphthene	0.0287	0.00126	0.00383	"	1	"	"	04/02/2025	
Anthracene	ND	0.00126	0.00383	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00126	0.00383	"	"	"	"	"	U
Benzo(a)pyrene	0.0237	0.00126	0.00383	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00126	0.00383	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00126	0.00383	"	"	"	"	"	U
Chrysene	0.0930	0.00126	0.00383	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.00126	0.00383	"	"	"	"	"	U
Fluoranthene	0.0279	0.00126	0.00383	"	"	"	"	"	
Fluorene	0.235	0.00126	0.00383	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.00126	0.00383	"	"	"	"	"	U
Naphthalene	0.398	0.00126	0.00383	"	"	"	"	"	
Pyrene	0.0306	0.00126	0.00383	"	"	"	"	"	
Surrogate: 5-alpha-Androstane	77 %				22-135	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.154	0.384	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

Origins Laboratory

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-02@3'**

**3/26/2025 11:04:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-15 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.350		0.100	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	2330		250	mg/kg	10	B5C3001	03/30/2025	04/01/2025	
Residual Range Organics (C28-C40)	8930		1000	"	"	"	"	"	
Surrogate: o-Terphenyl	165 %			50-150		"	"	"	S-06, Ua
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	0.0466		0.00200	"	"	"	"	"	
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	0.00512		0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	18.2		0.200	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	103 %			70-130		"	"	"	
Surrogate: Toluene-d8	103 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	104 %			70-130		"	"	"	

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-02@3'**  
**3/26/2025 11:04:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-15 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.22		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	1.27		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	7.77			pH Units	1	B5D0136	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	0.197		0.0100	SAR	1	B5D0132	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.318		0.00500	mmhos/cm	1	B5D0136	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	5.05		0.256	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	173		8.83	"	"	"	"	"	
Cadmium	0.207		0.0883	"	"	"	"	"	
Copper	ND		8.83	"	"	"	"	"	
Lead	7.54		0.883	"	"	"	"	"	
Nickel	10.1		0.883	"	"	"	"	"	
Selenium	ND		0.230	"	"	"	"	"	

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 Whs/FLs/TB

**PBV02-SS-02@3'**  
**3/26/2025 11:04:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-15 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0883	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	35.6		32.7	"	"	"	"	"	

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 Project: Bayswater - WAAG North Onsite  
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**PBV02-SS-03@3'**  
**3/26/2025 11:06:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-16 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	0.605	0.00123	0.00374	mg/kg dry	1	2774603	04/02/2025	04/03/2025	
2-Methylnaphthalene	0.187	0.00123	0.00374	"	"	"	"	"	
Acenaphthene	0.0183	0.00123	0.00374	"	"	"	"	"	
Anthracene	ND	0.00123	0.00374	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00123	0.00374	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00123	0.00374	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00123	0.00374	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00123	0.00374	"	"	"	"	"	U
Chrysene	0.0882	0.00123	0.00374	"	"	"	"	"	
Dibenzo(a,h)anthracene	ND	0.00123	0.00374	"	"	"	"	"	U
Fluoranthene	0.0191	0.00123	0.00374	"	"	"	"	"	
Fluorene	0.124	0.00123	0.00374	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.00123	0.00374	"	"	"	"	"	U
Naphthalene	0.0568	0.00123	0.00374	"	"	"	"	"	
Pyrene	0.0235	0.00123	0.00374	"	"	"	"	"	
Surrogate: 5-alpha-Androstane	92 %				22-135	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.0966	0.241	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-03@3'**  
**3/26/2025 11:06:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-16 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.243		0.100	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	787		25.0	mg/kg	1	B5C3001	03/30/2025	04/01/2025	
Residual Range Organics (C28-C40)	4070		100	"	"	"	"	"	
Surrogate: o-Terphenyl	109 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	2.58		0.200	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	104 %			70-130		"	"	"	
Surrogate: Toluene-d8	102 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	94.6 %			70-130		"	"	"	

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 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-03@3'**  
**3/26/2025 11:06:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-16 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.29		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	1.23		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	7.69			pH Units	1	B5D0136	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	0.223		0.0100	SAR	1	B5D0132	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.287		0.00500	mmhos/cm	1	B5D0136	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	7.42		0.283	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	195		9.75	"	"	"	"	"	
Cadmium	0.205		0.0975	"	"	"	"	"	
Copper	ND		9.75	"	"	"	"	"	
Lead	7.95		0.975	"	"	"	"	"	
Nickel	9.98		0.975	"	"	"	"	"	
Selenium	ND		0.254	"	"	"	"	"	

Origins Laboratory

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 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-03@3'**  
**3/26/2025 11:06:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-16 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0975	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	43.9		36.1	"	"	"	"	"	

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 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-04@3'**  
**3/26/2025 11:08:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-17 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	ND	0.00124	0.00374	mg/kg dry	1	2774603	04/02/2025	04/03/2025	U
2-Methylnaphthalene	ND	0.00124	0.00374	"	"	"	"	"	U
Acenaphthene	ND	0.00124	0.00374	"	"	"	"	"	U
Anthracene	ND	0.00124	0.00374	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00124	0.00374	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00124	0.00374	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00124	0.00374	"	"	"	"	"	U
Benzo(k)fluoranthene	0.00561	0.00124	0.00374	"	"	"	"	"	U
Chrysene	0.0513	0.00124	0.00374	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00124	0.00374	"	"	"	"	"	U
Fluoranthene	0.00561	0.00124	0.00374	"	"	"	"	"	U
Fluorene	0.00636	0.00124	0.00374	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00124	0.00374	"	"	"	"	"	U
Naphthalene	ND	0.00124	0.00374	"	"	"	"	"	U
Pyrene	0.0135	0.00124	0.00374	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	51 %			22-135	"	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.123	0.309	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-04@3'**  
**3/26/2025 11:08:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-17 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.327		0.100	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	1250		250	mg/kg	10	B5C3001	03/30/2025	04/01/2025	
Residual Range Organics (C28-C40)	5360		1000	"	"	"	"	"	
Surrogate: o-Terphenyl	187 %			50-150		"	"	"	S-06, Ua
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	2.89		0.200	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	104 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.5 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	96.3 %			70-130		"	"	"	

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 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-04@3'**  
**3/26/2025 11:08:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-17 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.28		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	1.24		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	7.58			pH Units	1	B5D0136	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	0.281		0.0100	SAR	1	B5D0132	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.303		0.00500	mmhos/cm	1	B5D0136	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	4.49		0.285	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	153		9.83	"	"	"	"	"	
Cadmium	0.165		0.0983	"	"	"	"	"	
Copper	ND		9.83	"	"	"	"	"	
Lead	6.53		0.983	"	"	"	"	"	
Nickel	8.44		0.983	"	"	"	"	"	
Selenium	ND		0.256	"	"	"	"	"	

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 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV02-SS-04@3'**  
**3/26/2025 11:08:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-17 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0983	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		36.4	"	"	"	"	"	

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 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV03-FS-01@6'**  
**3/26/2025 12:12:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-18 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	0.00364	0.00120	0.00364	mg/kg dry	1	2774603	04/02/2025	04/02/2025	
2-Methylnaphthalene	0.00255	0.00120	0.00364	"	"	"	"	"	J
Acenaphthene	ND	0.00120	0.00364	"	"	"	"	"	U
Anthracene	ND	0.00120	0.00364	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00120	0.00364	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00120	0.00364	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00120	0.00364	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00120	0.00364	"	"	"	"	"	U
Chrysene	ND	0.00120	0.00364	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00120	0.00364	"	"	"	"	"	U
Fluoranthene	0.00255	0.00120	0.00364	"	"	"	"	"	J
Fluorene	ND	0.00120	0.00364	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00120	0.00364	"	"	"	"	"	U
Naphthalene	ND	0.00120	0.00364	"	"	"	"	"	U
Pyrene	0.00255	0.00120	0.00364	"	"	"	"	"	J
Surrogate: 5-alpha-Androstane	89 %			22-135		"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.165	0.412	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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 8000 W 44th Ave  
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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV03-FS-01@6'**  
**3/26/2025 12:12:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-18 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.525		0.0999	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C3001	03/30/2025	04/01/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: <i>o</i> -Terphenyl	83.3 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	103 %			70-130		"	"	"	
Surrogate: Toluene-d8	101 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	97.0 %			70-130		"	"	"	

Origins Laboratory

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV03-FS-01@6'**  
**3/26/2025 12:12:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-18 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	3.07		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	1.69		0.823	"	"	"	"	"	
Sodium	1.46		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.20			pH Units	1	B5D0136	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	0.945		0.0100	SAR	1	B5D0132	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.562		0.00500	mmhos/cm	1	B5D0136	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	7.87		0.280	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	615		9.65	"	"	"	"	"	
Cadmium	0.203		0.0965	"	"	"	"	"	
Copper	ND		9.65	"	"	"	"	"	
Lead	6.09		0.965	"	"	"	"	"	
Nickel	6.94		0.965	"	"	"	"	"	
Selenium	0.283		0.251	"	"	"	"	"	

Origins Laboratory

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 Wheat Ridge CO 80033

D. Castro  
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 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV03-FS-01@6'**  
**3/26/2025 12:12:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-18 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Table 915 metals by EPA 6020B</b>									
Silver	ND		0.0965	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		35.7	"	"	"	"	"	

Origins Laboratory

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
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**PBV04-FS-01@5'**  
**3/26/2025 1:20:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-19 (Soil)</b>									
<b>GEL Laboratories, LLC</b>									
<b>PAH BY 8270E</b>									
1-Methylnaphthalene	0.00342	0.00113	0.00342	mg/kg dry	1	2774603	04/02/2025	04/02/2025	
2-Methylnaphthalene	0.00240	0.00113	0.00342	"	"	"	"	"	J
Acenaphthene	ND	0.00113	0.00342	"	"	"	"	"	U
Anthracene	ND	0.00113	0.00342	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00113	0.00342	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00113	0.00342	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00113	0.00342	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00113	0.00342	"	"	"	"	"	U
Chrysene	0.00308	0.00113	0.00342	"	"	"	"	"	J
Dibenzo(a,h)anthracene	ND	0.00113	0.00342	"	"	"	"	"	U
Fluoranthene	0.00171	0.00113	0.00342	"	"	"	"	"	J
Fluorene	ND	0.00113	0.00342	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00113	0.00342	"	"	"	"	"	U
Naphthalene	ND	0.00113	0.00342	"	"	"	"	"	U
Pyrene	0.00205	0.00113	0.00342	"	"	"	"	"	J
Surrogate: 5-alpha-Androstane	71 %				22-135	"	"	"	
<b>TOTAL METALS BY 7196A</b>									
Hexavalent Chromium	ND	0.148	0.371	mg/kg dry	1	2779127	04/10/2025	04/10/2025	U

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D. Castro  
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 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV04-FS-01@5'**  
**3/26/2025 1:20:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5C0938-19 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
Boron	0.513		0.0997	mg/L	1	B5C2824	03/28/2025	04/01/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C3001	03/30/2025	04/01/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: <i>o</i> -Terphenyl	81.8 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2736	03/27/2025	03/29/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	99.6 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.5 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	91.0 %			70-130		"	"	"	

Origins Laboratory

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV04-FS-01@5'**  
**3/26/2025 1:20:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-19 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	5.27		0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025	
Magnesium	2.74		0.823	"	"	"	"	"	
Sodium	2.41		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.22			pH Units	1	B5D0136	04/01/2025	04/03/2025	
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**SAR by 20B Saturated Paste**

SAR	1.20		0.0100	SAR	1	B5D0132	04/01/2025	04/04/2025	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.08		0.00500	mmhos/cm	1	B5D0136	04/01/2025	04/03/2025	
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**Table 915 metals by EPA 6020B**

Arsenic	5.37		0.280	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Barium	472		9.64	"	"	"	"	"	
Cadmium	0.190		0.0964	"	"	"	"	"	
Copper	ND		9.64	"	"	"	"	"	
Lead	6.43		0.964	"	"	"	"	"	
Nickel	8.19		0.964	"	"	"	"	"	
Selenium	ND		0.251	"	"	"	"	"	

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 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**PBV04-FS-01@5'**  
**3/26/2025 1:20:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0938-19 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Silver	ND		0.0964	mg/kg	10	B5C2762	03/27/2025	03/28/2025	
Zinc	ND		35.7	"	"	"	"	"	

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**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 B5C2823 - DTPA Sorbitol Preparation**

**Blank (B5C2823-BLK1)**

Prepared: 03/28/2025 Analyzed: 04/01/2025

Boron ND 0.100 mg/L

**Duplicate (B5C2823-DUP1)**

**Source: E5C0926-01**

Prepared: 03/28/2025 Analyzed: 04/01/2025

Boron 0.166 0.100 mg/L

0.185 10.8 50

**Batch B5C2824 - DTPA Sorbitol Preparation**

**Blank (B5C2824-BLK1)**

Prepared: 03/28/2025 Analyzed: 04/01/2025

Boron ND 0.100 mg/L

**Duplicate (B5C2824-DUP1)**

**Source: E5C0938-05**

Prepared: 03/28/2025 Analyzed: 04/01/2025

Boron 0.298 0.0998 mg/L

0.414 32.7 50

**Batch B5D0131 - Saturated Paste Metals**

**Blank (B5D0131-BLK1)**

Prepared: 04/01/2025 Analyzed: 04/04/2025

Calcium PPM ND 10.0 mg/L

SAR ND 0.0100 SAR

Magnesium PPM ND 10.0 mg/L

Sodium PPM ND 10.0 "

**Duplicate (B5D0131-DUP1)**

**Source: E5C0931-02**

Prepared: 04/01/2025 Analyzed: 04/04/2025

SAR ND 0.0100 SAR

2.57 200

Calcium PPM 22.7 10.0 mg/L

18.9 18.5 50

Magnesium PPM 14.4 10.0 "

12.1 17.8 50

Sodium PPM 66.0 10.0 "

58.2 12.5 50

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**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 B5D0132 - Saturated Paste Metals**

**Blank (B5D0132-BLK1)**

Prepared: 04/01/2025 Analyzed: 04/04/2025

Calcium PPM	ND	10.0	mg/L							
SAR	ND	0.0100	SAR							
Magnesium PPM	ND	10.0	mg/L							
Sodium PPM	ND	10.0	"							

**Duplicate (B5D0132-DUP1)**

**Source: E5C0938-11**

Prepared: 04/01/2025 Analyzed: 04/04/2025

Calcium PPM	44.2	10.0	mg/L		34.1			25.8	50	
SAR	ND	0.0100	SAR		1.24				200	
Magnesium PPM	11.5	10.0	mg/L		8.14			34.2	50	
Sodium PPM	39.5	10.0	"		31.1			23.8	50	

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**Extractable Petroleum Hydrocarbons by 8015D - 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 B5C3001 - EPA 3550B**

**Blank (B5C3001-BLK1)**

Prepared: 03/30/2025 Analyzed: 03/31/2025

Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	22		"	24.9		88.1	50-150			

**LCS (B5C3001-BS1)**

Prepared: 03/30/2025 Analyzed: 03/31/2025

Diesel (C10-C28)	897	50.0	mg/kg	1000		89.7	70-130			
Residual Range Organics (C28-C40)	781	200	"	1000		78.1	70-130			
Surrogate: o-Terphenyl	55		"	49.8		111	50-150			

**Matrix Spike (B5C3001-MS1)**

**Source: E5C0938-01**

Prepared: 03/30/2025 Analyzed: 03/31/2025

Diesel (C10-C28)	899	50.0	mg/kg	1000	ND	89.9	70-130			
Residual Range Organics (C28-C40)	788	200	"	1000	ND	78.8	70-130			
Surrogate: o-Terphenyl	53		"	49.8		106	50-150			

**Matrix Spike Dup (B5C3001-MSD1)**

**Source: E5C0938-01**

Prepared: 03/30/2025 Analyzed: 03/31/2025

Diesel (C10-C28)	930	50.0	mg/kg	1000	ND	93.0	70-130	3.45	35	
Residual Range Organics (C28-C40)	821	200	"	1000	ND	82.1	70-130	4.03	35	
Surrogate: o-Terphenyl	54		"	49.8		108	50-150			

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**Metals by EPA 6000/7000 Series Methods - 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 B5C2762 - EPA 3050B**

**Blank (B5C2762-BLK1)**

Prepared: 03/27/2025 Analyzed: 03/28/2025

Arsenic	ND	0.290	mg/kg							
Barium	ND	10.0	"							
Cadmium	ND	0.100	"							
Copper	ND	10.0	"							
Lead	ND	1.00	"							
Nickel	ND	1.00	"							
Selenium	ND	0.260	"							
Silver	ND	0.100	"							
Zinc	ND	37.0	"							

**LCS (B5C2762-BS1)**

Prepared: 03/27/2025 Analyzed: 03/28/2025

Arsenic	5.46	0.290	mg/kg	5.00		109	80-120			
Barium	572	10.0	"	500		114	80-120			
Cadmium	5.58	0.100	"	5.00		112	80-120			
Copper	56.7	10.0	"	50.0		113	80-120			
Lead	5.46	1.00	"	5.00		109	80-120			
Nickel	5.69	1.00	"	5.00		114	80-120			
Selenium	5.72	0.260	"	5.00		114	80-120			
Silver	5.92	0.100	"	5.00		118	80-120			
Zinc	57.2	37.0	"	50.0		114	80-120			

**Matrix Spike (B5C2762-MS1)**

Source: E5C0938-03

Prepared: 03/27/2025 Analyzed: 03/28/2025

Arsenic	9.57	0.253	mg/kg	4.37	12.1	NR	75-125			QM-07
Barium	698	8.74	"	437	230	107	75-125			
Cadmium	4.71	0.0874	"	4.37	0.143	105	75-125			
Copper	52.8	8.74	"	43.7	7.65	103	75-125			
Lead	10.2	0.874	"	4.37	16.4	NR	75-125			QM-07

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 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**Metals by EPA 6000/7000 Series Methods - 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 B5C2762 - EPA 3050B**

**Matrix Spike (B5C2762-MS1)**

**Source: E5C0938-03**

Prepared: 03/27/2025 Analyzed: 03/28/2025

Nickel	11.3	0.874	mg/kg	4.37	7.38	90.3	75-125			
Selenium	5.06	0.227	"	4.37	0.197	111	75-125			
Silver	4.87	0.0874	"	4.37	0.0129	111	75-125			
Zinc	71.2	32.3	"	43.7	29.7	94.8	75-125			

**Matrix Spike Dup (B5C2762-MSD1)**

**Source: E5C0938-03**

Prepared: 03/27/2025 Analyzed: 03/28/2025

Arsenic	10.4	0.287	mg/kg	4.94	12.1	NR	75-125	7.82	20	QM-07
Barium	751	9.88	"	494	230	106	75-125	7.34	20	
Cadmium	5.51	0.0988	"	4.94	0.143	109	75-125	15.7	20	
Copper	60.6	9.88	"	49.4	7.65	107	75-125	13.8	20	
Lead	11.5	0.988	"	4.94	16.4	NR	75-125	12.0	20	QM-07
Nickel	12.4	0.988	"	4.94	7.38	101	75-125	8.81	20	
Selenium	5.50	0.257	"	4.94	0.197	107	75-125	8.42	20	
Silver	5.68	0.0988	"	4.94	0.0129	115	75-125	15.3	20	
Zinc	76.7	36.6	"	49.4	29.7	94.9	75-125	7.41	20	

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D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**Saturated Paste - 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 B5D0135 - Saturated Paste pH/EC**

**Blank (B5D0135-BLK1)**

Prepared: 04/01/2025 Analyzed: 04/03/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

**Duplicate (B5D0135-DUP1)**

**Source: E5C0931-02**

Prepared: 04/01/2025 Analyzed: 04/03/2025

Specific Conductance (EC)	1.10	0.00500	mmhos/cm	1.03	7.01	25
pH	8.22		pH Units	8.32	1.21	25

**Batch B5D0136 - Saturated Paste pH/EC**

**Blank (B5D0136-BLK1)**

Prepared: 04/01/2025 Analyzed: 04/03/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

**Duplicate (B5D0136-DUP1)**

**Source: E5C0938-11**

Prepared: 04/01/2025 Analyzed: 04/03/2025

pH	8.23		pH Units	8.23	0.00	25
Specific Conductance (EC)	0.616	0.00500	mmhos/cm	0.492	22.3	25

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

D. Castro  
 Project Number: [none]  
 Project: Bayswater - WAAG North Onsite  
 Whs/FLs/TB

**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 B5C2736 - EPA 5030 (soil)**

**Blank (B5C2736-BLK1)**

Prepared: 03/27/2025 Analyzed: 03/29/2025

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.00200	"							Ua
Benzene	ND	0.00200	"							Ua
Ethylbenzene	ND	0.00200	"							Ua
Toluene	ND	0.00200	"							Ua
Xylenes, total	ND	0.00200	"							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua

Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125	93.4	70-130
Surrogate: Toluene-d8	0.13		"	0.125	102	70-130
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125	91.2	70-130

**LCS (B5C2736-BS1)**

Prepared: 03/27/2025 Analyzed: 03/29/2025

1,2,4-Trimethylbenzene	0.0984	0.00200	mg/kg	0.100	98.4	70-130
1,3,5-Trimethylbenzene	0.0995	0.00200	"	0.100	99.5	70-130
Benzene	0.0998	0.00200	"	0.100	99.8	70-130
Ethylbenzene	0.0969	0.00200	"	0.100	96.9	70-130
Toluene	0.105	0.00200	"	0.100	105	70-130
o-Xylene	0.0937	0.00200	"	0.100	93.7	70-130
m,p-Xylene	0.200	0.00400	"	0.200	100	70-130

Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125	94.3	70-130
Surrogate: Toluene-d8	0.13		"	0.125	102	70-130
Surrogate: 4-Bromofluorobenzene	0.098		"	0.125	78.4	70-130

**Matrix Spike (B5C2736-MS1)**

**Source: E5C0938-01**

Prepared: 03/27/2025 Analyzed: 03/29/2025

1,2,4-Trimethylbenzene	0.0966	0.00200	mg/kg	0.100	ND	96.6	70-130
1,3,5-Trimethylbenzene	0.0972	0.00200	"	0.100	ND	97.2	70-130
Benzene	0.101	0.00200	"	0.100	ND	101	70-130

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D. Castro  
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 Whs/FLs/TB

**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 B5C2736 - EPA 5030 (soil)**

<b>Matrix Spike (B5C2736-MS1)</b>		<b>Source: E5C0938-01</b>			<b>Prepared: 03/27/2025 Analyzed: 03/29/2025</b>					
Ethylbenzene	0.0954	0.00200	mg/kg	0.100	ND	95.4	70-130			
Toluene	0.106	0.00200	"	0.100	ND	106	70-130			
o-Xylene	0.0934	0.00200	"	0.100	ND	93.4	70-130			
m,p-Xylene	0.199	0.00400	"	0.200	ND	99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.2	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.10		"	0.125		80.4	70-130			

<b>Matrix Spike Dup (B5C2736-MSD1)</b>		<b>Source: E5C0938-01</b>			<b>Prepared: 03/27/2025 Analyzed: 03/29/2025</b>					
1,2,4-Trimethylbenzene	0.0914	0.00200	mg/kg	0.100	ND	91.4	70-130	5.57	20	
1,3,5-Trimethylbenzene	0.0913	0.00200	"	0.100	ND	91.3	70-130	6.28	20	
Benzene	0.0937	0.00200	"	0.100	ND	93.7	70-130	7.52	20	
Ethylbenzene	0.0913	0.00200	"	0.100	ND	91.3	70-130	4.39	20	
Toluene	0.0977	0.00200	"	0.100	ND	97.7	70-130	8.47	20	
o-Xylene	0.0895	0.00200	"	0.100	ND	89.5	70-130	4.26	20	
m,p-Xylene	0.191	0.00400	"	0.200	ND	95.5	70-130	3.95	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.2	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.10		"	0.125		82.9	70-130			

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D. Castro  
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 Whs/FLs/TB

**PAH BY 8270E - Quality Control**  
**GEL Laboratories, LLC**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 2774603 - SW846 3541**

**BLANK (1206056148-BLK)**

Prepared: 04/02/2025 Analyzed: 04/02/2025

Acenaphthene	ND	0.00326	mg/kg	-	-	-	-	-	-	U
Chrysene	ND	0.00326	"	-	-	-	-	-	-	U
Pyrene	ND	0.00326	"	-	-	-	-	-	-	U
Naphthalene	ND	0.00326	"	-	-	-	-	-	-	U
Indeno(1,2,3-cd)pyrene	ND	0.00326	"	-	-	-	-	-	-	U
Fluorene	ND	0.00326	"	-	-	-	-	-	-	U
Fluoranthene	ND	0.00326	"	-	-	-	-	-	-	U
Dibenzo(a,h)anthracene	ND	0.00326	"	-	-	-	-	-	-	U
Benzo(k)fluoranthene	ND	0.00326	"	-	-	-	-	-	-	U
Benzo(b)fluoranthene	ND	0.00326	"	-	-	-	-	-	-	U
Benzo(a)pyrene	ND	0.00326	"	-	-	-	-	-	-	U
Anthracene	ND	0.00326	"	-	-	-	-	-	-	U
2-Methylnaphthalene	ND	0.00326	"	-	-	-	-	-	-	U
1-Methylnaphthalene	ND	0.00326	"	-	-	-	-	-	-	U
Benzo(a)anthracene	ND	0.00326	"	-	-	-	-	-	-	U

Surrogate: 5-alpha-Androstane

0.140

"

0.163

86

22-135

**LCS (1206056149-BKS)**

Prepared: 04/02/2025 Analyzed: 04/02/2025

Benzo(k)fluoranthene	0.226	0.00332	mg/kg	0.332	68	40-122
Chrysene	0.265	0.00332	"	0.332	80	42-117
Pyrene	0.250	0.00332	"	0.332	75	38-117
Naphthalene	0.236	0.00332	"	0.332	71	38-109
Indeno(1,2,3-cd)pyrene	0.235	0.00332	"	0.332	71	38-133
Fluorene	0.248	0.00332	"	0.332	75	37-115
Dibenzo(a,h)anthracene	0.252	0.00332	"	0.332	76	38-132
Benzo(a)pyrene	0.254	0.00332	"	0.332	76	39-127
Benzo(a)anthracene	0.256	0.00332	"	0.332	77	42-120

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D. Castro  
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 Whs/FLs/TB

**PAH BY 8270E - Quality Control**  
**GEL Laboratories, LLC**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 2774603 - SW846 3541**

**LCS (1206056149-BKS)**

Prepared: 04/02/2025 Analyzed: 04/02/2025

Anthracene	0.258	0.00332	mg/kg	0.332		78	41-117			
Benzo(b)fluoranthene	0.233	0.00332	"	0.332		70	39-123			
Acenaphthene	0.228	0.00332	"	0.332		69	41-112			
2-Methylnaphthalene	0.232	0.00332	"	0.332		70	39-110			
1-Methylnaphthalene	0.227	0.00332	"	0.332		68	39-109			
Fluoranthene	0.247	0.00332	"	0.332		75	39-119			
Surrogate: 5-alpha-Androstane	0.130		"	0.166		78	22-135			

**LCS D (1206056150-BKSD)**

Prepared: 04/02/2025 Analyzed: 04/02/2025

Indeno(1,2,3-cd)pyrene	0.246	0.00329	mg/kg	0.329		75	38-133	4	30	
Anthracene	0.258	0.00329	"	0.329		78	41-117	0	30	
Benzo(a)anthracene	0.259	0.00329	"	0.329		79	42-120	1	30	
Benzo(a)pyrene	0.253	0.00329	"	0.329		77	39-127	0	30	
Benzo(b)fluoranthene	0.252	0.00329	"	0.329		76	39-123	8	30	
Benzo(k)fluoranthene	0.246	0.00329	"	0.329		75	40-122	9	30	
Chrysene	0.268	0.00329	"	0.329		81	42-117	1	30	
Dibenzo(a,h)anthracene	0.265	0.00329	"	0.329		81	38-132	5	30	
Fluorene	0.231	0.00329	"	0.329		70	37-115	7	30	
2-Methylnaphthalene	0.223	0.00329	"	0.329		68	39-110	4	30	
Naphthalene	0.237	0.00329	"	0.329		72	38-109	0	30	
Pyrene	0.250	0.00329	"	0.329		76	38-117	0	30	
Fluoranthene	0.247	0.00329	"	0.329		75	39-119	0	30	
1-Methylnaphthalene	0.222	0.00329	"	0.329		67	39-109	2	30	
Acenaphthene	0.240	0.00329	"	0.329		73	41-112	5	30	
Surrogate: 5-alpha-Androstane	0.131		"	0.164		80	22-135			

**MS (1206056151 S)**

Source: E5C0938-01

Prepared: 04/02/2025 Analyzed: 04/02/2025

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D. Castro  
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 Whs/FLs/TB

**PAH BY 8270E - Quality Control**  
**GEL Laboratories, LLC**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 2774603 - SW846 3541**

**MS (1206056151 S)**

**Source: E5C0938-01**

Prepared: 04/02/2025 Analyzed: 04/02/2025

Benzo(a)pyrene	0.261	0.00341	mg/kg dry	0.341	0.00472	75	16-133			
Benzo(a)anthracene	0.258	0.00341	"	0.341	0.00472	74	20-132			
Anthracene	0.272	0.00341	"	0.341	<0.00112	80	18-136			
Acenaphthene	0.243	0.00341	"	0.341	<0.00112	71	17-129			
2-Methylnaphthalene	0.237	0.00341	"	0.341	<0.00112	70	15-132			
1-Methylnaphthalene	0.229	0.00341	"	0.341	<0.00112	67	15-129			
Fluorene	0.248	0.00341	"	0.341	0.00371	72	16-134			
Benzo(k)fluoranthene	0.239	0.00341	"	0.341	0.00236	69	18-138			
Chrysene	0.266	0.00341	"	0.341	0.00607	76	19-129			
Dibenzo(a,h)anthracene	0.268	0.00341	"	0.341	<0.00112	79	11-134			
Pyrene	0.262	0.00341	"	0.341	0.0142	73	12-139			
Naphthalene	0.246	0.00341	"	0.341	<0.00112	72	16-126			
Indeno(1,2,3-cd)pyrene	0.243	0.00341	"	0.341	0.00337	70	13-134			
Fluoranthene	0.260	0.00341	"	0.341	0.0135	72	14-136			
Benzo(b)fluoranthene	0.247	0.00341	"	0.341	0.00674	70	14-136			

Surrogate: 5-alpha-Androstane

0.137

"

0.170

0.116

80

22-135

**MSD (1206056152 SD)**

**Source: E5C0938-01**

Prepared: 04/02/2025 Analyzed: 04/07/2025

Dibenzo(a,h)anthracene	0.165	0.00336	mg/kg dry	0.336	<0.00111	49	11-134	47	30	
Benzo(a)anthracene	0.163	0.00336	"	0.336	0.00472	47	20-132	45	30	
Fluorene	0.155	0.00336	"	0.336	0.00371	45	16-134	46	30	
Indeno(1,2,3-cd)pyrene	0.162	0.00336	"	0.336	0.00337	47	13-134	40	30	
Naphthalene	0.147	0.00336	"	0.336	<0.00111	44	16-126	50	30	
Pyrene	0.170	0.00336	"	0.336	0.0142	46	12-139	43	30	
Fluoranthene	0.169	0.00336	"	0.336	0.0135	46	14-136	42	30	
2-Methylnaphthalene	0.146	0.00336	"	0.336	<0.00111	44	15-132	48	30	
Chrysene	0.173	0.00336	"	0.336	0.00607	50	19-129	42	30	

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 Whs/FLs/TB

**PAH BY 8270E - Quality Control**  
**GEL Laboratories, LLC**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2774603 - SW846 3541

MSD (1206056152 SD)

Source: E5C0938-01

Prepared: 04/02/2025 Analyzed: 04/07/2025

Acenaphthene	0.155	0.00336	mg/kg dry	0.336	<0.00111	46	17-129	44	30	
Anthracene	0.170	0.00336	"	0.336	<0.00111	51	18-136	46	30	
Benzo(a)pyrene	0.168	0.00336	"	0.336	0.00472	49	16-133	43	30	
Benzo(b)fluoranthene	0.159	0.00336	"	0.336	0.00674	45	14-136	43	30	
Benzo(k)fluoranthene	0.153	0.00336	"	0.336	0.00236	45	18-138	44	30	
1-Methylnaphthalene	0.144	0.00336	"	0.336	<0.00111	43	15-129	46	30	
Surrogate: 5-alpha-Androstane	0.0892		"	0.168	0.116	53	22-135			

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D. Castro  
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 Whs/FLs/TB

**TOTAL METALS BY 7196A - Quality Control**  
**GEL Laboratories, LLC**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 2779127 - SW846 3060A**

**BLANK (1206065274-BLK)**

Prepared: 04/10/2025 Analyzed: 04/10/2025

Hexavalent Chromium	ND	0.263	mg/kg				-			U
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**LCS (1206065275-BKS)**

Prepared: 04/10/2025 Analyzed: 04/10/2025

Hexavalent Chromium	2.42	0.242	mg/kg	2.42		99.6	80-120			
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**DUP (1206065276 D)**

**Source: E5C0938-01**

Prepared: 04/10/2025 Analyzed: 04/10/2025

Hexavalent Chromium	ND	0.280	mg/kg dry		<0.112		0-50	N/A	50	U
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**MS (1206065277 S)**

**Source: E5C0938-01**

Prepared: 04/10/2025 Analyzed: 04/10/2025

Hexavalent Chromium	2.64	0.280	mg/kg dry	2.80	<0.112	94	75-125			
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**DUP (1206065278 D)**

**Source: E5C0938-02**

Prepared: 04/10/2025 Analyzed: 04/10/2025

Hexavalent Chromium	ND	0.275	mg/kg dry		<0.110		0-50	N/A	50	U
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**MS (1206065279 S)**

**Source: E5C0938-02**

Prepared: 04/10/2025 Analyzed: 04/10/2025

Hexavalent Chromium	2.53	0.276	mg/kg dry	2.76	<0.110	91.7	75-125			
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**ILCS (1206065280-ILCS)**

Prepared: 04/10/2025 Analyzed: 04/10/2025

Hexavalent Chromium	6.77	0.319	mg/kg	6.50		104	80-120			
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Wheat Ridge CO 80033

D. Castro  
Project Number: [none]  
Project: Bayswater - WAAG North Onsite  
Whs/FLs/TB

### Notes and Definitions

- Ua Sample is Non-Detect.
  - U Result not detected above the detection limit
  - S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
  - QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
  - J Greater than the detection limit but less than the reporting limit
  - ND Analyte NOT DETECTED at or above the reporting limit
  - RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

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