



Eagle Environmental Consulting, LLC

April 24, 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 27, 2025. This project is associated with Origins project number E5C0984-01.

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
SEP-SS-01@4'	E5C0984-01	Soil	March 27, 2025 11:00	03/27/2025 15:54
SEP-SS-02@4'	E5C0984-02	Soil	March 27, 2025 11:02	03/27/2025 15:54
SEP-SS-03@4'	E5C0984-03	Soil	March 27, 2025 11:04	03/27/2025 15:54
SEP-SS-04@4'	E5C0984-04	Soil	March 27, 2025 11:06	03/27/2025 15:54
SEP-SS-05@4'	E5C0984-05	Soil	March 27, 2025 11:08	03/27/2025 15:54
SEP-SS-06@4'	E5C0984-06	Soil	March 27, 2025 11:10	03/27/2025 15:54
SEP-SS-07@4'	E5C0984-07	Soil	March 27, 2025 11:12	03/27/2025 15:54
SEP-SS-08@4'	E5C0984-08	Soil	March 27, 2025 11:14	03/27/2025 15:54
SEP-SS-09@4'	E5C0984-09	Soil	March 27, 2025 11:16	03/27/2025 15:54
SEP-SS-10@4'	E5C0984-10	Soil	March 27, 2025 11:18	03/27/2025 15:54
SEP-SS-11@4'	E5C0984-11	Soil	March 27, 2025 11:20	03/27/2025 15:54
SEP-SS-12@4'	E5C0984-12	Soil	March 27, 2025 11:22	03/27/2025 15:54
SEP-SS-13@4'	E5C0984-13	Soil	March 27, 2025 11:24	03/27/2025 15:54
SEP-SS-14@4'	E5C0984-14	Soil	March 27, 2025 11:26	03/27/2025 15:54

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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SEP-SS-15@4'	E5C0984-15	Soil	March 27, 2025 11:28	03/27/2025 15:54
SEP-SS-16@4'	E5C0984-16	Soil	March 27, 2025 11:30	03/27/2025 15:54
SEP-SS-17@4'	E5C0984-17	Soil	March 27, 2025 11:32	03/27/2025 15:54
SEP-SS-18@4'	E5C0984-18	Soil	March 27, 2025 11:34	03/27/2025 15:54
SEP-SS-19@4'	E5C0984-19	Soil	March 27, 2025 11:36	03/27/2025 15:54
SEP-SS-20@4'	E5C0984-20	Soil	March 27, 2025 11:38	03/27/2025 15:54
SEP-SS-21@4'	E5C0984-21	Soil	March 27, 2025 11:40	03/27/2025 15:54
SEP-SS-22@4'	E5C0984-22	Soil	March 27, 2025 11:42	03/27/2025 15:54
SEP-SS-23@4'	E5C0984-23	Soil	March 27, 2025 13:00	03/27/2025 15:54
SEP-SS-24@4'	E5C0984-24	Soil	March 27, 2025 13:02	03/27/2025 15:54
FL-SS-02@4'	E5C0984-25	Soil	March 27, 2025 11:45	03/27/2025 15:54
FL-SS-03@4'	E5C0984-26	Soil	March 27, 2025 11:47	03/27/2025 15:54
WH01-FS-01@7'	E5C0984-27	Soil	March 27, 2025 10:50	03/27/2025 15:54
WH02-FS-01@7'	E5C0984-28	Soil	March 27, 2025 10:40	03/27/2025 15:54

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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH04-FS-01@7'	E5C0984-29	Soil	March 27, 2025 10:28	03/27/2025 15:54
WH05-FS-01@7'	E5C0984-30	Soil	March 27, 2025 10:15	03/27/2025 15:54

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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

ES00984 Page 1 of 2



Client: EMMA HEATHER-SOUDERS
 Address: 8000 W 44th Ave
 Telephone Number: 303-426-1100
 Email Address: emma@emmaco.com

Project Manager: [Signature]
 Project Name: WAAG North Onsite
 Project Number: [Signature]
 Collected By: [Signature]
 Invoice/Billing info: [Signature]

Key: W=Water
 GW=Groundwater
 SW=Surface Water
 WW=Waste Water
 L=Liquid

S=Soil (SO=Solid) O=Oil (A=Air) G=Gas || UNP=Unpres HCl=Hydrochloric HNO3=Nitric H2SO4=Sulfuric HNOHS=Sodium Hydroxide

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis	Comments
ES00984-01	8/27/05	11:00	1	UNP		
ES00984-02	8/27/05	11:00	1	UNP		
ES00984-03	8/27/05	11:00	1	UNP		
ES00984-04	8/27/05	11:00	1	UNP		
ES00984-05	8/27/05	11:00	1	UNP		
ES00984-06	8/27/05	11:00	1	UNP		
ES00984-07	8/27/05	11:00	1	UNP		
ES00984-08	8/27/05	11:00	1	UNP		
ES00984-09	8/27/05	11:00	1	UNP		
ES00984-10	8/27/05	11:00	1	UNP		

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Turnaround Time:
[Signature]	8/27/05	1554	JAR	8/27/05	1554	<input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input checked="" type="checkbox"/> 72
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	<input type="checkbox"/> Standard

Temp Received: [Signature] Received On Ice? Yes No

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Eagle Environmental Consulting, LLC
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D. Castro
 Project Number: [none]
 Project: Bayswater - WAAG North Onsite
 Whs/FLs/TB

ESC0984

Page 1 of 2

ORIGINS LABORATORY

Client: [Signature]
 Address: [Signature]
 Telephone Number: [Signature]
 Email Address: [Signature]

Project Manager: [Signature]
 Project Name: [Signature]
 Project Number: [Signature]

Key: W=Water
 GW=Groundwater
 SW=Surface Water
 WW=Waste Water
 L=Liquid

Collected By: [Signature]
 Invoice/Billing Info: [Signature]

Matrix Preservative: [Signature]
 # of Containers: [Signature]

Sample ID: [Signature]
 Date Sampled: [Signature]

Sample ID	Date Sampled	# of Containers	Matrix Preservative	Analysis	Comments
WWS-1	11/17/15	1	UVF		
WWS-2	11/17/15	1	UVF		
WWS-3	11/17/15	1	UVF		
WWS-4	11/17/15	1	UVF		
WWS-5	11/17/15	1	UVF		
WWS-6	11/17/15	1	UVF		
WWS-7	11/17/15	1	UVF		
WWS-8	11/17/15	1	UVF		
WWS-9	11/17/15	1	UVF		
WWS-10	11/17/15	1	UVF		

Relinquished By: [Signature] Time: 1654 Date: 11/17/15

Relinquished By: [Signature] Time: 1554 Date: 11/17/15

Received By: JAR Time: 1654 Date: 11/17/15

Received By: [Signature] Time: 1554 Date: 11/17/15

Temp Received: [Signature] Received On Ice? Yes No

Turnaround Time: SAME DAY 24 HR 48 HR 72 Standard

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Page 1 of 1

ESC0984

Client: EMMA HEATHER-SOUDERS
 Address: 10000 W 44th Ave
 Telephone Number: 303-440-8800
 Email Address: emma@emmahs.com

Project Manager: [Signature]
 Project Name: Bayswater - WAAG North Onsite
 Project Number: [Blank]

Key:
 GW=Groundwater
 SW=Surface Water
 WW=Waste Water
 L=Liquid

Collected By: [Signature]
 Invoice/Billing Info: [Signature]

Analysis: [Blank]

Matrix Preservative: [Blank]

of Containers: [Blank]

Date Sampled: [Blank]

Sample ID: [Blank]

Temp Received: 2.3 Received On Ice? Yes No

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis	Comments
MS-19-04	7/17/05	1140	2	UHP		
MS-19-04	7/17/05	1148	1			
MS-19-04	7/17/05	1150	1			
MS-19-04	7/17/05	1148	1			
MS-19-04	7/17/05	1145	1			
MS-19-04	7/17/05	1147	1			
MS-19-07	7/17/05	1150	1			
MS-19-07	7/17/05	1140	1			
MS-19-07	7/17/05	1143	1			
MS-19-07	7/17/05	1155	1			

Turnaround Time:
 SAME DAY
 24 HR
 48 HR
 72 HR
 Standard

Relinquished By: [Signature] Time: 1554 Date: 7/17/05

Received By: JNA Time: 1554 Date: 7/17/05

Relinquished By: [Signature] Time: 1554 Date: 7/17/05

Received By: [Signature] Time: 1554 Date: 7/17/05

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Whs/FLs/TB

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

Sample Receipt Checklist

Origins Work Order: ESC0984 Client: Eagle
Client Project ID: WAAG-NORTHONSITE WH/FL

Checklist Completed by: JAB/MB Shipped Via: HD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Date/time completed: 3/27/25 Airbill #: N/A

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

Cooler Number/Temperature: 1/23 °C

Thermometer ID: T007

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	✓			
Is there ice present (document if blue ice is used)	✓			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		✓		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		✓		
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?			✓	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			✓	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄ / (pH > 10 for samples preserved with NaOH, NaOH, ZnCl ₂ , Na ₂ Cr ₂ O ₇)			✓	
Additional Comments (if any):				

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

Reviewed by (Project Manager) _____

03/31/25
Date/Time Reviewed

Origins Laboratory



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 Project Number: [none]
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SEP-SS-01@4'
3/27/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-01 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00296	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00740	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0411	0.0833	"	"	"	"	"	
Anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00543	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Chrysene	ND	0.0411	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Fluorene	ND	0.0411	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00188	0.00380	"	"	"	"	"	
Pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	54.0 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	41.2 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	50.6 %				12-95	"	"	"	S
Surrogate: Nitrobenzene-d5 (Surr)	45.2 %				21-100	"	"	"	

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SEP-SS-01@4'

3/27/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-01 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	43.8 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	50.1 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.411		0.0990	mg/L	1	B5C2853	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/01/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	87.2 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2806	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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SEP-SS-01@4'
3/27/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-01 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2806	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	122 %				70-130	"	"	"	
Surrogate: Toluene-d8	98.2 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	1.86		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.946		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.29			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.844		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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SEP-SS-01@4'
3/27/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-01 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.402		0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
Table 915 metals by EPA 6020B									
Arsenic	5.14		0.264	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	343		9.09	"	"	"	"	"	
Cadmium	0.178		0.0909	"	"	"	"	"	
Copper	ND		9.09	"	"	"	"	"	
Lead	7.14		0.909	"	"	"	"	"	
Nickel	6.69		0.909	"	"	"	"	"	
Selenium	ND		0.236	"	"	"	"	"	
Silver	ND		0.0909	"	"	"	"	"	
Zinc	38.6		33.6	"	"	"	"	"	

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 Project: Bayswater - WAAG North Onsite
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SEP-SS-02@4'
3/27/2025 11:02:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-02 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00298	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00745	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0414	0.0833	"	"	"	"	"	
Anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00546	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Chrysene	ND	0.0414	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Fluorene	ND	0.0414	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00189	0.00380	"	"	"	"	"	
Pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	57.0 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	42.8 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	53.0 %				12-95	"	"	"	S
Surrogate: Nitrobenzene-d5 (Surr)	44.0 %				21-100	"	"	"	

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SEP-SS-02@4'

3/27/2025 11:02:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-02 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	45.4 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	51.3 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	0.18	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.261		0.101	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/01/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	87.8 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2806	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

Origins Laboratory

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 Wheat Ridge CO 80033

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

SEP-SS-02@4'
3/27/2025 11:02:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-02 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2806	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	123 %				70-130	"	"	"	
Surrogate: Toluene-d8	98.4 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	1.81		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.580		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.29			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.509		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-02@4'
3/27/2025 11:02:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-02 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.355	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025
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Table 915 metals by EPA 6020B

Arsenic	4.96	0.272	mg/kg	10	B5C2787	03/27/2025	03/30/2025
Barium	279	9.38	"	"	"	"	"
Cadmium	0.115	0.0938	"	"	"	"	"
Copper	ND	9.38	"	"	"	"	"
Lead	5.67	0.938	"	"	"	"	"
Nickel	6.25	0.938	"	"	"	"	"
Selenium	ND	0.244	"	"	"	"	"
Silver	ND	0.0938	"	"	"	"	"
Zinc	36.1	34.7	"	"	"	"	"

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SEP-SS-03@4'
3/27/2025 11:04:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-03 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00296	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00740	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0411	0.0833	"	"	"	"	"	
Anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00543	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Chrysene	ND	0.0411	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Fluorene	ND	0.0411	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00188	0.00380	"	"	"	"	"	
Pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	54.6 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	43.0 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	38.2 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	46.6 %				21-100	"	"	"	

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

SEP-SS-03@4'

3/27/2025 11:04:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-03 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	45.5 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	49.9 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.621		0.100	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/01/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	90.3 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2806	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-03@4'
3/27/2025 11:04:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-03 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2806	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	122 %				70-130	"	"	"	
Surrogate: Toluene-d8	98.4 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	102 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	14.0		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	5.60		0.823	"	"	"	"	"	
Sodium	3.29		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	7.99			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	1.05		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-03@4'
3/27/2025 11:04:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-03 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.05	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025
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Table 915 metals by EPA 6020B

Arsenic	4.61	0.258	mg/kg	10	B5C2787	03/27/2025	03/30/2025
Barium	385	8.91	"	"	"	"	"
Cadmium	0.128	0.0891	"	"	"	"	"
Copper	ND	8.91	"	"	"	"	"
Lead	5.37	0.891	"	"	"	"	"
Nickel	6.69	0.891	"	"	"	"	"
Selenium	ND	0.232	"	"	"	"	"
Silver	ND	0.0891	"	"	"	"	"
Zinc	ND	33.0	"	"	"	"	"

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D. Castro
 Project Number: [none]
 Project: Bayswater - WAAG North Onsite
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SEP-SS-04@4'
3/27/2025 11:06:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-04 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00296	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00740	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0411	0.0833	"	"	"	"	"	
Anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00543	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Chrysene	ND	0.0411	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Fluorene	ND	0.0411	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00188	0.00380	"	"	"	"	"	
Pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	56.6 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	40.7 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	35.8 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	43.5 %				21-100	"	"	"	

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

SEP-SS-04@4'

3/27/2025 11:06:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-04 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	46.0 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	47.4 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.427		0.101	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/01/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	89.3 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2806	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-04@4'
3/27/2025 11:06:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-04 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2806	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	124 %				70-130	"	"	"	
Surrogate: Toluene-d8	99.3 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	104 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	1.85		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	0.875		0.823	"	"	"	"	"	
Sodium	0.505		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.32			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.432		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-04@4'
3/27/2025 11:06:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-04 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.357	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	3.99	0.243	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	258	8.39	"	"	"	"	"	
Cadmium	0.107	0.0839	"	"	"	"	"	
Copper	ND	8.39	"	"	"	"	"	
Lead	5.77	0.839	"	"	"	"	"	
Nickel	6.17	0.839	"	"	"	"	"	
Selenium	ND	0.218	"	"	"	"	"	
Silver	ND	0.0839	"	"	"	"	"	
Zinc	ND	31.0	"	"	"	"	"	

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

SEP-SS-05@4'
3/27/2025 11:08:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-05 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00298	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00745	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0414	0.0833	"	"	"	"	"	
Anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00546	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Chrysene	ND	0.0414	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Fluorene	ND	0.0414	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00189	0.00380	"	"	"	"	"	
Pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	65.8 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	40.3 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	46.7 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	41.8 %				21-100	"	"	"	

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

SEP-SS-05@4'

3/27/2025 11:08:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0984-05 (Soil)
 Enthalpy Analytical**

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	41.0 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	54.8 %			25-125		"	"	"	

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	0.586		0.101	mg/L	1	B5C2854	03/28/2025	04/01/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	48.9		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	93.8 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2806	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	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

SEP-SS-05@4'
3/27/2025 11:08:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-05 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2806	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	125 %				70-130	"	"	"	
Surrogate: Toluene-d8	98.8 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	15.2		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	5.47		0.823	"	"	"	"	"	
Sodium	2.17		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.02			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.676		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

Origins Laboratory

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

SEP-SS-05@4'
3/27/2025 11:08:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-05 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.06	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.77	0.270	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	706	9.33	"	"	"	"	"	
Cadmium	0.152	0.0933	"	"	"	"	"	
Copper	ND	9.33	"	"	"	"	"	
Lead	5.54	0.933	"	"	"	"	"	
Nickel	6.20	0.933	"	"	"	"	"	
Selenium	ND	0.242	"	"	"	"	"	
Silver	ND	0.0933	"	"	"	"	"	
Zinc	ND	34.5	"	"	"	"	"	

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 Project Number: [none]
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SEP-SS-06@4'
3/27/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-06 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00292	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00731	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0406	0.0833	"	"	"	"	"	
Anthracene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00536	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Chrysene	ND	0.0406	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0406	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Fluorene	ND	0.0406	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00185	0.00380	"	"	"	"	"	
Pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	60.5 %			15-96	"	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	46.4 %			19-105	"	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	55.7 %			12-95	"	"	"	"	S
Surrogate: Nitrobenzene-d5 (Surr)	49.5 %			21-100	"	"	"	"	

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SEP-SS-06@4'

3/27/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-06 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	49.1 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	54.6 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.21	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.410		0.0987	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	95.3 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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SEP-SS-06@4'
3/27/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-06 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	103 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	94.7 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	2.30		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	1.09		0.823	"	"	"	"	"	
Sodium	0.682		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.30			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.523		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-06@4'
3/27/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-06 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.434	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	3.57	0.279	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	272	9.64	"	"	"	"	"	
Cadmium	0.109	0.0964	"	"	"	"	"	
Copper	ND	9.64	"	"	"	"	"	
Lead	4.96	0.964	"	"	"	"	"	
Nickel	5.75	0.964	"	"	"	"	"	
Selenium	ND	0.251	"	"	"	"	"	
Silver	ND	0.0964	"	"	"	"	"	
Zinc	ND	35.7	"	"	"	"	"	

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

SEP-SS-07@4'
3/27/2025 11:12:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-07 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00292	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00731	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0406	0.0833	"	"	"	"	"	
Anthracene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00536	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Chrysene	ND	0.0406	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0406	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Fluorene	ND	0.0406	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00185	0.00380	"	"	"	"	"	
Pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	62.2 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	42.0 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	57.5 %				12-95	"	"	"	S
Surrogate: Nitrobenzene-d5 (Surr)	52.0 %				21-100	"	"	"	S

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

SEP-SS-07@4'

3/27/2025 11:12:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-07 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	48.1 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	57.0 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.690		0.0998	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	91.2 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-07@4'
3/27/2025 11:12:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-07 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	103 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	93.9 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	12.9		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	6.01		0.823	"	"	"	"	"	
Sodium	3.45		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.06			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	1.12		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-07@4'
3/27/2025 11:12:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-07 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.01		0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.08		0.270	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	451		9.30	"	"	"	"	"	"
Cadmium	0.152		0.0930	"	"	"	"	"	"
Copper	ND		9.30	"	"	"	"	"	"
Lead	5.70		0.930	"	"	"	"	"	"
Nickel	6.76		0.930	"	"	"	"	"	"
Selenium	ND		0.242	"	"	"	"	"	"
Silver	ND		0.0930	"	"	"	"	"	"
Zinc	ND		34.4	"	"	"	"	"	"

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

SEP-SS-08@4'
3/27/2025 11:14:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-08 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00297	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00743	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0412	0.0833	"	"	"	"	"	
Anthracene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00545	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Chrysene	ND	0.0412	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0412	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Fluorene	ND	0.0412	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00188	0.00380	"	"	"	"	"	
Pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	38.1 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	28.2 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	33.9 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	30.4 %				21-100	"	"	"	

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

SEP-SS-08@4'

3/27/2025 11:14:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-08 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	30.0 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	48.7 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.501		0.0998	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	88.1 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-08@4'

3/27/2025 11:14:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-08 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	104 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	93.1 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	7.96		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	3.84		0.823	"	"	"	"	"	
Sodium	1.65		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.12			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.681		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-08@4'
3/27/2025 11:14:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-08 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.28		0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
Table 915 metals by EPA 6020B									
Arsenic	4.56		0.273	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	394		9.41	"	"	"	"	"	
Cadmium	0.133		0.0941	"	"	"	"	"	
Copper	ND		9.41	"	"	"	"	"	
Lead	5.49		0.941	"	"	"	"	"	
Nickel	7.21		0.941	"	"	"	"	"	
Selenium	ND		0.245	"	"	"	"	"	
Silver	ND		0.0941	"	"	"	"	"	
Zinc	ND		34.8	"	"	"	"	"	

Origins Laboratory

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

SEP-SS-09@4'
3/27/2025 11:16:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-09 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00296	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00740	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0411	0.0833	"	"	"	"	"	
Anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00543	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Chrysene	ND	0.0411	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Fluorene	ND	0.0411	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00188	0.00380	"	"	"	"	"	
Pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	56.0 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	38.1 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	53.6 %				12-95	"	"	"	S
Surrogate: Nitrobenzene-d5 (Surr)	49.2 %				21-100	"	"	"	

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

SEP-SS-09@4'

3/27/2025 11:16:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-09 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	44.1 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	45.0 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.21	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.587		0.0990	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	87.3 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-09@4'

3/27/2025 11:16:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-09 (Soil) Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	94.0 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	5.53		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	2.43		0.823	"	"	"	"	"	
Sodium	1.53		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.09			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.767		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-09@4'
3/27/2025 11:16:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-09 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.02		0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.08		0.260	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	336		8.98	"	"	"	"	"	"
Cadmium	0.140		0.0898	"	"	"	"	"	"
Copper	ND		8.98	"	"	"	"	"	"
Lead	5.64		0.898	"	"	"	"	"	"
Nickel	6.19		0.898	"	"	"	"	"	"
Selenium	ND		0.234	"	"	"	"	"	"
Silver	ND		0.0898	"	"	"	"	"	"
Zinc	ND		33.2	"	"	"	"	"	"

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

SEP-SS-10@4'
3/27/2025 11:18:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-10 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00295	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00738	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0410	0.0833	"	"	"	"	"	
Anthracene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00541	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Chrysene	ND	0.0410	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0410	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Fluorene	ND	0.0410	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00187	0.00380	"	"	"	"	"	
Pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	56.2 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	42.9 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	60.6 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	51.4 %				21-100	"	"	"	

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

SEP-SS-10@4'

3/27/2025 11:18:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-10 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	50.0 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	55.8 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.462		0.0996	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	90.7 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-10@4'
3/27/2025 11:18:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-10 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	93.4 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	3.51		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	1.76		0.823	"	"	"	"	"	
Sodium	0.860		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.23			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.530		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-10@4'
3/27/2025 11:18:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-10 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.662	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	3.22	0.268	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	283	9.24	"	"	"	"	"	
Cadmium	0.114	0.0924	"	"	"	"	"	
Copper	ND	9.24	"	"	"	"	"	
Lead	4.67	0.924	"	"	"	"	"	
Nickel	6.06	0.924	"	"	"	"	"	
Selenium	ND	0.240	"	"	"	"	"	
Silver	ND	0.0924	"	"	"	"	"	
Zinc	ND	34.2	"	"	"	"	"	

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

SEP-SS-11@4'
3/27/2025 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-11 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00294	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00735	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0408	0.0833	"	"	"	"	"	
Anthracene	ND	0.0408	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00539	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0408	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0408	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0408	0.0833	"	"	"	"	"	
Chrysene	ND	0.0408	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0408	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0408	0.0833	"	"	"	"	"	
Fluorene	ND	0.0408	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0408	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00186	0.00380	"	"	"	"	"	
Pyrene	ND	0.0408	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	60.0 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	37.8 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	33.3 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	47.8 %				21-100	"	"	"	

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

SEP-SS-11@4'
3/27/2025 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-11 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	47.4 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	55.7 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.19	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.298		0.101	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	89.3 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-11@4'
3/27/2025 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-11 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	103 %				70-130	"	"	"	
Surrogate: Toluene-d8	105 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	93.2 %				70-130	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.48		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.31			pH Units	1	B5D0255	04/02/2025	04/05/2025	
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SAR by 20B Saturated Paste

SAR	0.166		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	
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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

SEP-SS-11@4'
3/27/2025 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-11 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.221	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	3.79	0.256	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	660	8.83	"	"	"	"	"	
Cadmium	0.133	0.0883	"	"	"	"	"	
Copper	ND	8.83	"	"	"	"	"	
Lead	4.74	0.883	"	"	"	"	"	
Nickel	5.90	0.883	"	"	"	"	"	
Selenium	ND	0.230	"	"	"	"	"	
Silver	ND	0.0883	"	"	"	"	"	
Zinc	ND	32.7	"	"	"	"	"	

Origins Laboratory

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 Wheat Ridge CO 80033

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

SEP-SS-12@4'
3/27/2025 11:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-12 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00298	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00745	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0414	0.0833	"	"	"	"	"	
Anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00546	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Chrysene	ND	0.0414	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Fluorene	ND	0.0414	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00189	0.00380	"	"	"	"	"	
Pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	60.5 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	46.6 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	59.4 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	54.5 %				21-100	"	"	"	

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

SEP-SS-12@4'

3/27/2025 11:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-12 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	50.5 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	56.1 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.21	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.433		0.0992	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	88.6 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-12@4'
3/27/2025 11:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-12 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	93.1 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	3.26		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	1.76		0.823	"	"	"	"	"	
Sodium	0.966		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.29			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.610		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-12@4'
3/27/2025 11:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-12 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.667	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	3.56	0.252	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	306	8.67	"	"	"	"	"	
Cadmium	0.120	0.0867	"	"	"	"	"	
Copper	ND	8.67	"	"	"	"	"	
Lead	4.97	0.867	"	"	"	"	"	
Nickel	6.10	0.867	"	"	"	"	"	
Selenium	ND	0.225	"	"	"	"	"	
Silver	ND	0.0867	"	"	"	"	"	
Zinc	ND	32.1	"	"	"	"	"	

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Eagle Environmental Consulting, LLC
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Wheat Ridge CO 80033

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

SEP-SS-13@4'
3/27/2025 11:24:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-13 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00291	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00728	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0404	0.0833	"	"	"	"	"	
Anthracene	ND	0.0404	0.0833	"	"	"	"	"	
Benzo (a) anthracene	0.0131	0.00534	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0404	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0404	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0404	0.0833	"	"	"	"	"	
Chrysene	ND	0.0404	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0404	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0404	0.0833	"	"	"	"	"	
Fluorene	ND	0.0404	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0404	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00184	0.00380	"	"	"	"	"	
Pyrene	ND	0.0404	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	63.1 %			15-96		"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	45.6 %			19-105		"	"	"	
Surrogate: 2-Fluorophenol (Surr)	56.8 %			12-95		"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	51.6 %			21-100		"	"	"	

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

SEP-SS-13@4'

3/27/2025 11:24:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0984-13 (Soil)
 Enthalpy Analytical**

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	48.1 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	52.7 %			25-125		"	"	"	

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
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Boron (DTPA Sorbitol)

Boron	0.744		0.101	mg/L	1	B5C2854	03/28/2025	04/01/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	135		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	
Residual Range Organics (C28-C40)	200		100	"	"	"	"	"	

Surrogate: o-Terphenyl	92.5 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-13@4'
3/27/2025 11:24:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-13 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Ethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	104 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	94.6 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	19.0		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	8.23		0.823	"	"	"	"	"	
Sodium	5.78		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	7.97			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	1.57		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	
Specific Conductance Mod. 9050A									

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

SEP-SS-13@4'
3/27/2025 11:24:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-13 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.91	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025
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Table 915 metals by EPA 6020B

Arsenic	4.35	0.252	mg/kg	10	B5C2787	03/27/2025	03/30/2025
Barium	363	8.69	"	"	"	"	"
Cadmium	0.164	0.0869	"	"	"	"	"
Copper	ND	8.69	"	"	"	"	"
Lead	5.87	0.869	"	"	"	"	"
Nickel	7.14	0.869	"	"	"	"	"
Selenium	ND	0.226	"	"	"	"	"
Silver	ND	0.0869	"	"	"	"	"
Zinc	ND	32.1	"	"	"	"	"

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

SEP-SS-14@4'
3/27/2025 11:26:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-14 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00297	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00743	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0412	0.0833	"	"	"	"	"	
Anthracene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00545	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Chrysene	ND	0.0412	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0412	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Fluorene	ND	0.0412	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00188	0.00380	"	"	"	"	"	
Pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	56.4 %			15-96		"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	38.2 %			19-105		"	"	"	
Surrogate: 2-Fluorophenol (Surr)	33.1 %			12-95		"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	41.5 %			21-100		"	"	"	

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

SEP-SS-14@4'

3/27/2025 11:26:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-14 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	40.2 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	56.4 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.194		0.0983	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	90.7 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-14@4'
3/27/2025 11:26:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-14 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	104 %				70-130	"	"	"	
Surrogate: Toluene-d8	105 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	93.2 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	2.28		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	0.854		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.28			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.221		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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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

SEP-SS-14@4'
3/27/2025 11:26:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-14 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.361	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	2.40	0.260	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	126	8.95	"	"	"	"	"	
Cadmium	ND	0.0895	"	"	"	"	"	
Copper	ND	8.95	"	"	"	"	"	
Lead	5.51	0.895	"	"	"	"	"	
Nickel	3.89	0.895	"	"	"	"	"	
Selenium	ND	0.233	"	"	"	"	"	
Silver	ND	0.0895	"	"	"	"	"	
Zinc	ND	33.1	"	"	"	"	"	

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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

SEP-SS-15@4'
3/27/2025 11:28:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-15 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00296	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00740	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0411	0.0833	"	"	"	"	"	
Anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00543	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Chrysene	ND	0.0411	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Fluorene	ND	0.0411	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00188	0.00380	"	"	"	"	"	
Pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	65.7 %			15-96		"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	46.5 %			19-105		"	"	"	
Surrogate: 2-Fluorophenol (Surr)	38.4 %			12-95		"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	52.7 %			21-100		"	"	"	

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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

SEP-SS-15@4'
3/27/2025 11:28:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-15 (Soil)
Enthalpy Analytical

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	51.2 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	62.4 %			25-125		"	"	"	

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
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Boron (DTPA Sorbitol)

Boron	0.902		0.101	mg/L	1	B5C2854	03/28/2025	04/01/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	46.3		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	
Residual Range Organics (C28-C40)	122		100	"	"	"	"	"	

Surrogate: o-Terphenyl	95.6 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U

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 Wheat Ridge CO 80033

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

SEP-SS-15@4'
3/27/2025 11:28:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-15 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Ethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	104 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	92.9 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	17.5		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	6.98		0.823	"	"	"	"	"	
Sodium	3.29		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.06			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.941		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	
Specific Conductance Mod. 9050A									

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

SEP-SS-15@4'
3/27/2025 11:28:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-15 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.33	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025
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Table 915 metals by EPA 6020B

Arsenic	3.90	0.244	mg/kg	10	B5C2787	03/27/2025	03/30/2025
Barium	515	8.41	"	"	"	"	"
Cadmium	0.149	0.0841	"	"	"	"	"
Copper	ND	8.41	"	"	"	"	"
Lead	5.64	0.841	"	"	"	"	"
Nickel	6.47	0.841	"	"	"	"	"
Selenium	ND	0.219	"	"	"	"	"
Silver	ND	0.0841	"	"	"	"	"
Zinc	ND	31.1	"	"	"	"	"

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

SEP-SS-16@4'
3/27/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-16 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00296	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00740	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0411	0.0833	"	"	"	"	"	
Anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00543	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Chrysene	ND	0.0411	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Fluorene	ND	0.0411	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00188	0.00380	"	"	"	"	"	
Pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	55.9 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	42.5 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	51.7 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	46.8 %				21-100	"	"	"	

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

SEP-SS-16@4'
3/27/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-16 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	46.4 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	47.0 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.19	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.379		0.101	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	92.3 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-16@4'
3/27/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-16 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	104 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	92.7 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	4.19		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	1.72		0.823	"	"	"	"	"	
Sodium	0.977		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.17			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.569		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-16@4'
3/27/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-16 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.711	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.65	0.270	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	451	9.32	"	"	"	"	"	
Cadmium	0.141	0.0932	"	"	"	"	"	
Copper	ND	9.32	"	"	"	"	"	
Lead	5.82	0.932	"	"	"	"	"	
Nickel	6.80	0.932	"	"	"	"	"	
Selenium	ND	0.242	"	"	"	"	"	
Silver	ND	0.0932	"	"	"	"	"	
Zinc	ND	34.5	"	"	"	"	"	

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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

SEP-SS-17@4'
3/27/2025 11:32:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-17 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00296	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00740	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0411	0.0833	"	"	"	"	"	
Anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00543	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Chrysene	ND	0.0411	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0411	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0411	0.0833	"	"	"	"	"	
Fluorene	ND	0.0411	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00188	0.00380	"	"	"	"	"	
Pyrene	ND	0.0411	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	43.5 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	31.3 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	28.7 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	36.2 %				21-100	"	"	"	

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

SEP-SS-17@4'

3/27/2025 11:32:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-17 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	34.5 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	56.1 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.465		0.0993	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	88.8 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

Origins Laboratory

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

SEP-SS-17@4'
3/27/2025 11:32:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-17 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	104 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	93.9 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	4.10		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	1.71		0.823	"	"	"	"	"	
Sodium	1.07		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.22			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.626		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-17@4'
3/27/2025 11:32:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-17 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.778	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.00	0.262	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	470	9.02	"	"	"	"	"	
Cadmium	0.137	0.0902	"	"	"	"	"	
Copper	ND	9.02	"	"	"	"	"	
Lead	5.58	0.902	"	"	"	"	"	
Nickel	6.57	0.902	"	"	"	"	"	
Selenium	ND	0.234	"	"	"	"	"	
Silver	ND	0.0902	"	"	"	"	"	
Zinc	ND	33.4	"	"	"	"	"	

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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

SEP-SS-18@4'
3/27/2025 11:34:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-18 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00293	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00733	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0407	0.0833	"	"	"	"	"	
Anthracene	ND	0.0407	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00537	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0407	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0407	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0407	0.0833	"	"	"	"	"	
Chrysene	ND	0.0407	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0407	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0407	0.0833	"	"	"	"	"	
Fluorene	ND	0.0407	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0407	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00186	0.00380	"	"	"	"	"	
Pyrene	ND	0.0407	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	132 %			15-96	"	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	82.2 %			19-105	"	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	72.4 %			12-95	"	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	100 %			21-100	"	"	"	"	S

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 Wheat Ridge CO 80033

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

SEP-SS-18@4'
3/27/2025 11:34:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-18 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	87.2 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	96.8 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.646		0.101	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	86.5 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	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

SEP-SS-18@4'
3/27/2025 11:34:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-18 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	106 %				70-130	"	"	"	
Surrogate: Toluene-d8	103 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	93.4 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	17.8		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	8.70		0.823	"	"	"	"	"	
Sodium	4.46		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.07			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	1.23		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-18@4'
3/27/2025 11:34:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-18 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.45	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025
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Table 915 metals by EPA 6020B

Arsenic	4.93	0.269	mg/kg	10	B5C2787	03/27/2025	03/30/2025
Barium	347	9.26	"	"	"	"	"
Cadmium	0.143	0.0926	"	"	"	"	"
Copper	ND	9.26	"	"	"	"	"
Lead	6.56	0.926	"	"	"	"	"
Nickel	6.29	0.926	"	"	"	"	"
Selenium	ND	0.241	"	"	"	"	"
Silver	ND	0.0926	"	"	"	"	"
Zinc	ND	34.3	"	"	"	"	"

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

SEP-SS-19@4'
3/27/2025 11:36:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-19 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00292	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00731	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0406	0.0833	"	"	"	"	"	
Anthracene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00536	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Chrysene	ND	0.0406	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0406	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Fluorene	ND	0.0406	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00185	0.00380	"	"	"	"	"	
Pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	123 %			15-96		"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	66.7 %			19-105		"	"	"	
Surrogate: 2-Fluorophenol (Surr)	68.8 %			12-95		"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	86.2 %			21-100		"	"	"	

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

SEP-SS-19@4'

3/27/2025 11:36:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-19 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	77.4 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	88.4 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.400		0.101	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	86.4 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-19@4'
3/27/2025 11:36:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-19 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	104 %				70-130	"	"	"	
Surrogate: Toluene-d8	103 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	92.8 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	1.80		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.673		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.28			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.598		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-19@4'
3/27/2025 11:36:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-19 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.350	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	6.93	0.287	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	490	9.90	"	"	"	"	"	
Cadmium	0.163	0.0990	"	"	"	"	"	
Copper	ND	9.90	"	"	"	"	"	
Lead	6.55	0.990	"	"	"	"	"	
Nickel	6.93	0.990	"	"	"	"	"	
Selenium	ND	0.257	"	"	"	"	"	
Silver	ND	0.0990	"	"	"	"	"	
Zinc	ND	36.6	"	"	"	"	"	

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

SEP-SS-20@4'
3/27/2025 11:38:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-20 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00298	0.00600	mg/kg	1	BID0064	04/01/2025	04/03/2025	
2-Methylnaphthalene	ND	0.00745	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0414	0.0833	"	"	"	"	"	
Anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00546	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Chrysene	ND	0.0414	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Fluorene	ND	0.0414	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00189	0.00380	"	"	"	"	"	
Pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	75.8 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	50.3 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	64.6 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	65.0 %				21-100	"	"	"	

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

SEP-SS-20@4'

3/27/2025 11:38:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0984-20 (Soil)
 Enthalpy Analytical**

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	56.1 %			13-100		BID0064	04/01/2025	04/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	65.4 %			25-125		"	"	"	

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1063	04/21/2025	04/23/2025	
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	0.339		0.0982	mg/L	1	B5C2854	03/28/2025	04/01/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0117	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	84.2 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

Origins Laboratory

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

SEP-SS-20@4'
3/27/2025 11:38:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-20 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	93.1 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	3.67		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	1.53		0.823	"	"	"	"	"	
Sodium	0.455		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.24			pH Units	1	B5D0255	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.283		0.0100	SAR	1	B5D0248	04/02/2025	04/05/2025	

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

SEP-SS-20@4'
3/27/2025 11:38:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-20 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.634	0.00500	mmhos/cm	1	B5D0255	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.31	0.243	mg/kg	10	B5C2787	03/27/2025	03/30/2025	
Barium	319	8.39	"	"	"	"	"	
Cadmium	0.138	0.0839	"	"	"	"	"	
Copper	ND	8.39	"	"	"	"	"	
Lead	5.62	0.839	"	"	"	"	"	
Nickel	6.75	0.839	"	"	"	"	"	
Selenium	ND	0.218	"	"	"	"	"	
Silver	ND	0.0839	"	"	"	"	"	
Zinc	ND	31.0	"	"	"	"	"	

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

SEP-SS-21@4'
3/27/2025 11:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-21 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00295	0.00600	mg/kg	1	BID0065	04/01/2025	04/02/2025	
2-Methylnaphthalene	ND	0.00738	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0410	0.0833	"	"	"	"	"	
Anthracene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00541	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Chrysene	ND	0.0410	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0410	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Fluorene	ND	0.0410	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00187	0.00380	"	"	"	"	"	
Pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	36.0 %			15-96	"	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	26.6 %			19-105	"	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	25.1 %			12-95	"	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	32.0 %			21-100	"	"	"	"	

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

SEP-SS-21@4'

3/27/2025 11:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-21 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	33.7 %			13-100		BID0065	04/01/2025	04/02/2025	
Surrogate: p-Terphenyl-d14 (Surr)	41.4 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	0.11	0.08	0.20	mg/kg	1	BID1135	04/22/2025	04/23/2025	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.314		0.0992	mg/L	1	B5C2854	03/28/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0123	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	111 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-21@4'
3/27/2025 11:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-21 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	106 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	94.3 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	1.80		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.518		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.28			pH Units	1	B5D0256	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.475		0.0100	SAR	1	B5D0251	04/02/2025	04/05/2025	

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

SEP-SS-21@4'
3/27/2025 11:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-21 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.314		0.00500	mmhos/cm	1	B5D0256	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	6.08		0.283	mg/kg	10	B5C2788	03/27/2025	03/29/2025	
Barium	407		9.75	"	"	"	"	"	"
Cadmium	0.179		0.0975	"	"	"	"	"	"
Copper	ND		9.75	"	"	"	"	"	"
Lead	6.71		0.975	"	"	"	"	"	"
Nickel	8.94		0.975	"	"	"	"	"	"
Selenium	0.302		0.254	"	"	"	"	"	"
Silver	ND		0.0975	"	"	"	"	"	"
Zinc	37.0		36.1	"	"	"	"	"	"

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

SEP-SS-22@4'
3/27/2025 11:42:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-22 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00295	0.00600	mg/kg	1	BID0065	04/01/2025	04/02/2025	
2-Methylnaphthalene	ND	0.00738	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0410	0.0833	"	"	"	"	"	
Anthracene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00541	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Chrysene	ND	0.0410	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0410	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Fluorene	ND	0.0410	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00187	0.00380	"	"	"	"	"	
Pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	38.5 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	27.6 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	37.6 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	32.1 %				21-100	"	"	"	

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

SEP-SS-22@4'
3/27/2025 11:42:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-22 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	32.1 %			13-100		BID0065	04/01/2025	04/02/2025	
Surrogate: p-Terphenyl-d14 (Surr)	46.7 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	0.11	0.08	0.20	mg/kg	1	BID1135	04/22/2025	04/23/2025	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.524		0.0991	mg/L	1	B5C3102	03/31/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0123	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	77.8 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

SEP-SS-22@4'
3/27/2025 11:42:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-22 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	93.1 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	3.16		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	1.66		0.823	"	"	"	"	"	
Sodium	0.584		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.30			pH Units	1	B5D0256	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.376		0.0100	SAR	1	B5D0251	04/02/2025	04/05/2025	

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

SEP-SS-22@4'
3/27/2025 11:42:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-22 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.641	0.00500	mmhos/cm	1	B5D0256	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	7.16	0.257	mg/kg	10	B5C2788	03/27/2025	03/29/2025	
Barium	298	8.87	"	"	"	"	"	"
Cadmium	0.172	0.0887	"	"	"	"	"	"
Copper	ND	8.87	"	"	"	"	"	"
Lead	7.15	0.887	"	"	"	"	"	"
Nickel	7.85	0.887	"	"	"	"	"	"
Selenium	0.340	0.231	"	"	"	"	"	"
Silver	ND	0.0887	"	"	"	"	"	"
Zinc	33.0	32.8	"	"	"	"	"	"

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

SEP-SS-23@4'
3/27/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-23 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00298	0.00600	mg/kg	1	BID0065	04/01/2025	04/02/2025	
2-Methylnaphthalene	ND	0.00745	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0414	0.0833	"	"	"	"	"	
Anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00546	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Chrysene	ND	0.0414	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Fluorene	ND	0.0414	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00189	0.00380	"	"	"	"	"	
Pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	58.3 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	39.5 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	38.7 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	48.3 %				21-100	"	"	"	

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

SEP-SS-23@4'
3/27/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-23 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	50.9 %			13-100		BID0065	04/01/2025	04/02/2025	S
Surrogate: p-Terphenyl-d14 (Surr)	42.6 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1135	04/22/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.238		0.0981	mg/L	1	B5C3102	03/31/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0123	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	78.2 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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 Wheat Ridge CO 80033

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

SEP-SS-23@4'
3/27/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-23 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	104 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	92.4 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	1.54		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.34			pH Units	1	B5D0256	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.214		0.0100	SAR	1	B5D0251	04/02/2025	04/05/2025	

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

SEP-SS-23@4'
3/27/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-23 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.281	0.00500	mmhos/cm	1	B5D0256	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.93	0.287	mg/kg	10	B5C2788	03/27/2025	03/29/2025	
Barium	320	9.90	"	"	"	"	"	"
Cadmium	0.131	0.0990	"	"	"	"	"	"
Copper	ND	9.90	"	"	"	"	"	"
Lead	5.35	0.990	"	"	"	"	"	"
Nickel	7.00	0.990	"	"	"	"	"	"
Selenium	ND	0.257	"	"	"	"	"	"
Silver	ND	0.0990	"	"	"	"	"	"
Zinc	ND	36.6	"	"	"	"	"	"

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 Wheat Ridge CO 80033

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

SEP-SS-24@4'
3/27/2025 1:02:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-24 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00295	0.00600	mg/kg	1	BID0065	04/01/2025	04/02/2025	
2-Methylnaphthalene	ND	0.00738	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0410	0.0833	"	"	"	"	"	
Anthracene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00541	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Chrysene	ND	0.0410	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0410	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Fluorene	ND	0.0410	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00187	0.00380	"	"	"	"	"	
Pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	62.4 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	43.9 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	45.7 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	53.0 %				21-100	"	"	"	S

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 Wheat Ridge CO 80033

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

SEP-SS-24@4'
3/27/2025 1:02:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-24 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	53.1 %			13-100		BID0065	04/01/2025	04/02/2025	S
Surrogate: p-Terphenyl-d14 (Surr)	33.2 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1135	04/22/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.645		0.0982	mg/L	1	B5C3102	03/31/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0123	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	76.0 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	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

SEP-SS-24@4'
3/27/2025 1:02:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-24 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	92.7 %				70-130	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	10.9		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	6.57		0.823	"	"	"	"	"	
Sodium	3.74		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.17			pH Units	1	B5D0256	04/02/2025	04/05/2025	
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SAR by 20B Saturated Paste

SAR	1.27		0.0100	SAR	1	B5D0251	04/02/2025	04/05/2025	
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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

SEP-SS-24@4'
3/27/2025 1:02:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-24 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.90		0.00500	mmhos/cm	1	B5D0256	04/02/2025	04/05/2025	
Table 915 metals by EPA 6020B									
Arsenic	5.41		0.280	mg/kg	10	B5C2788	03/27/2025	03/29/2025	
Barium	301		9.66	"	"	"	"	"	"
Cadmium	0.133		0.0966	"	"	"	"	"	"
Copper	ND		9.66	"	"	"	"	"	"
Lead	5.94		0.966	"	"	"	"	"	"
Nickel	26.2		0.966	"	"	"	"	"	"
Selenium	ND		0.251	"	"	"	"	"	"
Silver	ND		0.0966	"	"	"	"	"	"
Zinc	ND		35.8	"	"	"	"	"	"

Origins Laboratory

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

FL-SS-02@4'
3/27/2025 11:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-25 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00298	0.00600	mg/kg	1	BID0065	04/01/2025	04/02/2025	
2-Methylnaphthalene	ND	0.00745	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0414	0.0833	"	"	"	"	"	
Anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00546	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Chrysene	ND	0.0414	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Fluorene	ND	0.0414	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00189	0.00380	"	"	"	"	"	
Pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	51.8 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	36.6 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	54.0 %				12-95	"	"	"	S
Surrogate: Nitrobenzene-d5 (Surr)	45.5 %				21-100	"	"	"	

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

FL-SS-02@4'
3/27/2025 11:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-25 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	46.4 %			13-100		BID0065	04/01/2025	04/02/2025	
Surrogate: p-Terphenyl-d14 (Surr)	47.0 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	0.09	0.08	0.20	mg/kg	1	BID1135	04/22/2025	04/23/2025	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.292		0.0996	mg/L	1	B5C3102	03/31/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0123	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	74.7 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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 Wheat Ridge CO 80033

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

FL-SS-02@4'
3/27/2025 11:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-25 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Benzene	ND		0.00200	mg/kg	1	B5C2807	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	104 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	92.9 %				70-130	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.61		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.29			pH Units	1	B5D0256	04/02/2025	04/05/2025	
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SAR by 20B Saturated Paste

SAR	0.154		0.0100	SAR	1	B5D0251	04/02/2025	04/05/2025	
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 Wheat Ridge CO 80033

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

FL-SS-02@4'
3/27/2025 11:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-25 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.258	0.00500	mmhos/cm	1	B5D0256	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.65	0.279	mg/kg	10	B5C2788	03/27/2025	03/29/2025	
Barium	183	9.62	"	"	"	"	"	
Cadmium	0.187	0.0962	"	"	"	"	"	
Copper	ND	9.62	"	"	"	"	"	
Lead	6.25	0.962	"	"	"	"	"	
Nickel	8.52	0.962	"	"	"	"	"	
Selenium	ND	0.250	"	"	"	"	"	
Silver	ND	0.0962	"	"	"	"	"	
Zinc	ND	35.6	"	"	"	"	"	

Origins Laboratory

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 Wheat Ridge CO 80033

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

FL-SS-03@4'
3/27/2025 11:47:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-26 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00292	0.00600	mg/kg	1	BID0065	04/01/2025	04/02/2025	
2-Methylnaphthalene	ND	0.00731	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0406	0.0833	"	"	"	"	"	
Anthracene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00536	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Chrysene	ND	0.0406	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0406	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Fluorene	ND	0.0406	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00185	0.00380	"	"	"	"	"	
Pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	104 %			15-96	"	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	65.7 %			19-105	"	"	"	"	S
Surrogate: 2-Fluorophenol (Surr)	90.1 %			12-95	"	"	"	"	S
Surrogate: Nitrobenzene-d5 (Surr)	83.3 %			21-100	"	"	"	"	S

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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-03@4'
3/27/2025 11:47:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-26 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	75.5 %			13-100		BID0065	04/01/2025	04/02/2025	S
Surrogate: p-Terphenyl-d14 (Surr)	74.8 %			25-125		"	"	"	S
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.19	mg/kg	1	BID1135	04/22/2025	04/23/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.573		0.0993	mg/L	1	B5C3102	03/31/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0123	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	73.0 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2838	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

Origins Laboratory

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 Wheat Ridge CO 80033

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

FL-SS-03@4'
3/27/2025 11:47:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-26 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2838	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	101 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	94.1 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	2.05		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	1.22		0.823	"	"	"	"	"	
Sodium	1.02		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.31			pH Units	1	B5D0256	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	0.801		0.0100	SAR	1	B5D0251	04/02/2025	04/05/2025	

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

FL-SS-03@4'
3/27/2025 11:47:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-26 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.491	0.00500	mmhos/cm	1	B5D0256	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	6.95	0.256	mg/kg	10	B5C2788	03/27/2025	03/29/2025	
Barium	174	8.83	"	"	"	"	"	
Cadmium	0.183	0.0883	"	"	"	"	"	
Copper	9.31	8.83	"	"	"	"	"	
Lead	7.26	0.883	"	"	"	"	"	
Nickel	11.2	0.883	"	"	"	"	"	
Selenium	0.287	0.230	"	"	"	"	"	
Silver	ND	0.0883	"	"	"	"	"	
Zinc	36.9	32.7	"	"	"	"	"	

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 Wheat Ridge CO 80033

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

WH01-FS-01@7'

3/27/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-27 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00299	0.00600	mg/kg	1	BID0065	04/01/2025	04/02/2025	
2-Methylnaphthalene	ND	0.00748	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0415	0.0833	"	"	"	"	"	
Anthracene	ND	0.0415	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00548	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0415	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0415	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0415	0.0833	"	"	"	"	"	
Chrysene	ND	0.0415	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0415	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0415	0.0833	"	"	"	"	"	
Fluorene	ND	0.0415	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0415	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00189	0.00380	"	"	"	"	"	
Pyrene	ND	0.0415	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	49.8 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	32.8 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	42.6 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	35.8 %				21-100	"	"	"	

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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

WH01-FS-01@7'
3/27/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-27 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	34.7 %			13-100		BID0065	04/01/2025	04/02/2025	
Surrogate: p-Terphenyl-d14 (Surr)	43.2 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1135	04/22/2025	04/24/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.443		0.0993	mg/L	1	B5C3102	03/31/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0123	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	74.4 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2838	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	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

WH01-FS-01@7'

3/27/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-27 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2838	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	102 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	91.5 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	1.70		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	0.850		0.823	"	"	"	"	"	
Sodium	2.89		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.31			pH Units	1	B5D0256	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	2.56		0.0100	SAR	1	B5D0251	04/02/2025	04/05/2025	

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

WH01-FS-01@7'
3/27/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-27 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.640	0.00500	mmhos/cm	1	B5D0256	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.29	0.256	mg/kg	10	B5C2788	03/27/2025	03/29/2025	
Barium	771	8.84	"	"	"	"	"	"
Cadmium	0.130	0.0884	"	"	"	"	"	"
Copper	ND	8.84	"	"	"	"	"	"
Lead	6.10	0.884	"	"	"	"	"	"
Nickel	6.87	0.884	"	"	"	"	"	"
Selenium	ND	0.230	"	"	"	"	"	"
Silver	ND	0.0884	"	"	"	"	"	"
Zinc	34.1	32.7	"	"	"	"	"	"

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

WH02-FS-01@7'

3/27/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-28 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00294	0.00600	mg/kg	1	BID0065	04/01/2025	04/02/2025	
2-Methylnaphthalene	ND	0.00735	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0408	0.0833	"	"	"	"	"	
Anthracene	ND	0.0408	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00539	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0408	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0408	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0408	0.0833	"	"	"	"	"	
Chrysene	ND	0.0408	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0408	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0408	0.0833	"	"	"	"	"	
Fluorene	ND	0.0408	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0408	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00186	0.00380	"	"	"	"	"	
Pyrene	ND	0.0408	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	50.1 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	37.1 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	32.8 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	40.3 %				21-100	"	"	"	

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D. Castro
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 Whs/FLs/TB

WH02-FS-01@7'
3/27/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-28 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	40.4 %			13-100		BID0065	04/01/2025	04/02/2025	
Surrogate: p-Terphenyl-d14 (Surr)	45.5 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1135	04/22/2025	04/24/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.660		0.0989	mg/L	1	B5C3102	03/31/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	26.8		25.0	mg/kg	1	B5D0123	04/01/2025	04/02/2025	
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	79.2 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2838	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

WH02-FS-01@7'
3/27/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-28 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Benzene	ND		0.00200	mg/kg	1	B5C2838	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %				70-130	"	"	"	
Surrogate: Toluene-d8	101 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	92.4 %				70-130	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.73		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	4.11		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.39			pH Units	1	B5D0256	04/02/2025	04/05/2025	
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SAR by 20B Saturated Paste

SAR	3.67		0.0100	SAR	1	B5D0251	04/02/2025	04/05/2025	
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 Whs/FLs/TB

WH02-FS-01@7'
3/27/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-28 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.745	0.00500	mmhos/cm	1	B5D0256	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.42	0.286	mg/kg	10	B5C2788	03/27/2025	03/29/2025	
Barium	727	9.86	"	"	"	"	"	
Cadmium	0.136	0.0986	"	"	"	"	"	
Copper	ND	9.86	"	"	"	"	"	
Lead	5.54	0.986	"	"	"	"	"	
Nickel	6.90	0.986	"	"	"	"	"	
Selenium	ND	0.256	"	"	"	"	"	
Silver	ND	0.0986	"	"	"	"	"	
Zinc	68.8	36.5	"	"	"	"	"	

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WH04-FS-01@7'

3/27/2025 10:28:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-29 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00297	0.00600	mg/kg	1	BID0065	04/01/2025	04/02/2025	
2-Methylnaphthalene	ND	0.00743	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0412	0.0833	"	"	"	"	"	
Anthracene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00545	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Chrysene	ND	0.0412	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0412	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Fluorene	ND	0.0412	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00188	0.00380	"	"	"	"	"	
Pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	68.4 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	46.9 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	60.2 %				12-95	"	"	"	S
Surrogate: Nitrobenzene-d5 (Surr)	53.9 %				21-100	"	"	"	S

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

WH04-FS-01@7'
3/27/2025 10:28:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-29 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	49.9 %			13-100		BID0065	04/01/2025	04/02/2025	
Surrogate: p-Terphenyl-d14 (Surr)	51.5 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BID1135	04/22/2025	04/24/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.713		0.0986	mg/L	1	B5C3102	03/31/2025	04/01/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0123	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	74.9 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2838	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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

WH04-FS-01@7'

3/27/2025 10:28:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-29 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5C2838	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	106 %				70-130	"	"	"	
Surrogate: Toluene-d8	100 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	96.2 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	1.41		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.83		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.36			pH Units	1	B5D0256	04/02/2025	04/05/2025	
SAR by 20B Saturated Paste									
SAR	1.86		0.0100	SAR	1	B5D0251	04/02/2025	04/05/2025	

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

WH04-FS-01@7'

3/27/2025 10:28:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0984-29 (Soil)
 Origins Laboratory**

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.418	0.00500	mmhos/cm	1	B5D0256	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.92	0.273	mg/kg	10	B5C2785	03/27/2025	03/29/2025	
Barium	299	9.42	"	"	"	"	"	
Cadmium	0.176	0.0942	"	"	"	"	"	
Copper	ND	9.42	"	"	"	"	"	
Lead	8.69	0.942	"	"	"	"	"	
Nickel	6.92	0.942	"	"	"	"	"	
Selenium	ND	0.245	"	"	"	"	"	
Silver	ND	0.0942	"	"	"	"	"	
Zinc	35.0	34.9	"	"	"	"	"	

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

WH05-FS-01@7'

3/27/2025 10:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0984-30 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00295	0.00600	mg/kg	1	BID0065	04/01/2025	04/02/2025	
2-Methylnaphthalene	ND	0.00738	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0410	0.0833	"	"	"	"	"	
Anthracene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00541	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Chrysene	ND	0.0410	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0410	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0410	0.0833	"	"	"	"	"	
Fluorene	ND	0.0410	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00187	0.00380	"	"	"	"	"	
Pyrene	ND	0.0410	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	60.5 %				15-96	"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	43.2 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	49.3 %				12-95	"	"	"	S
Surrogate: Nitrobenzene-d5 (Surr)	44.0 %				21-100	"	"	"	

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

WH05-FS-01@7'

3/27/2025 10:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0984-30 (Soil)
 Enthalpy Analytical**

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	43.6 %			13-100		BID0065	04/01/2025	04/02/2025	
Surrogate: p-Terphenyl-d14 (Surr)	50.8 %			25-125		"	"	"	

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.08	0.19	mg/kg	1	BID1135	04/22/2025	04/24/2025	
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Boron (DTPA Sorbitol)

Boron	0.446		0.101	mg/L	1	B5C3102	03/31/2025	04/01/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5D0123	04/01/2025	04/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	88.8 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2838	03/28/2025	03/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

Origins Laboratory

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 Wheat Ridge CO 80033

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

WH05-FS-01@7'

3/27/2025 10:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0984-30 (Soil)
 Origins Laboratory**

GBTEX+TMBs by 8260D

Benzene	ND		0.00200	mg/kg	1	B5C2838	03/28/2025	03/30/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.9 %				70-130	"	"	"	
Surrogate: Toluene-d8	101 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	89.8 %				70-130	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.40		0.499	meq/L	10	[CALC]	04/02/2025	04/05/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.67		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.39			pH Units	1	B5D0256	04/02/2025	04/05/2025	
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SAR by 20B Saturated Paste

SAR	2.63		0.0100	SAR	1	B5D0251	04/02/2025	04/05/2025	
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D. Castro
 Project Number: [none]
 Project: Bayswater - WAAG North Onsite
 Whs/FLs/TB

WH05-FS-01@7'

3/27/2025 10:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0984-30 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.539	0.00500	mmhos/cm	1	B5D0256	04/02/2025	04/05/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.42	0.287	mg/kg	10	B5C2785	03/27/2025	03/29/2025	
Barium	916	9.90	"	"	"	"	"	"
Cadmium	0.185	0.0990	"	"	"	"	"	"
Copper	10.5	9.90	"	"	"	"	"	"
Lead	6.07	0.990	"	"	"	"	"	"
Nickel	7.26	0.990	"	"	"	"	"	"
Selenium	ND	0.257	"	"	"	"	"	"
Silver	ND	0.0990	"	"	"	"	"	"
Zinc	53.5	36.6	"	"	"	"	"	"

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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
Batch B5C2853 - DTPA Sorbitol Preparation										
Blank (B5C2853-BLK1)					Prepared: 03/28/2025 Analyzed: 04/01/2025					
Boron	ND	0.100	mg/L							
Duplicate (B5C2853-DUP1)					Source: E5C0981-01 Prepared: 03/28/2025 Analyzed: 04/01/2025					
Boron	0.370	0.102	mg/L		0.395			6.49	50	
Batch B5C2854 - DTPA Sorbitol Preparation										
Blank (B5C2854-BLK1)					Prepared: 03/28/2025 Analyzed: 04/01/2025					
Boron	ND	0.100	mg/L							
Duplicate (B5C2854-DUP1)					Source: E5C0984-02 Prepared: 03/28/2025 Analyzed: 04/01/2025					
Boron	0.254	0.100	mg/L		0.261			2.92	50	
Batch B5C3102 - DTPA Sorbitol Preparation										
Blank (B5C3102-BLK1)					Prepared: 03/31/2025 Analyzed: 04/01/2025					
Boron	ND	0.100	mg/L							
Duplicate (B5C3102-DUP1)					Source: E5C0984-22 Prepared: 03/31/2025 Analyzed: 04/01/2025					
Boron	0.661	0.0997	mg/L		0.524			23.2	50	
Batch B5D0248 - Saturated Paste Metals										
Blank (B5D0248-BLK1)					Prepared: 04/02/2025 Analyzed: 04/05/2025					
SAR	ND	0.0100	SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							

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Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5D0248 - Saturated Paste Metals

Duplicate (B5D0248-DUP1)

Source: E5C0984-01

Prepared: 04/02/2025 Analyzed: 04/05/2025

Calcium PPM	41.1	10.0	mg/L		37.3			9.85	50	
SAR	ND	0.0100	SAR		0.844				200	
Magnesium PPM	9.38	10.0	mg/L		7.92			16.9	50	
Sodium PPM	24.2	10.0	"		21.7			10.5	50	

Batch B5D0251 - Saturated Paste Metals

Blank (B5D0251-BLK1)

Prepared: 04/02/2025 Analyzed: 04/05/2025

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 (B5D0251-DUP1)

Source: E5C0984-21

Prepared: 04/02/2025 Analyzed: 04/05/2025

Calcium PPM	32.2	10.0	mg/L		36.0			11.1	50	
SAR	ND	0.0100	SAR		0.475				200	
Magnesium PPM	6.60	10.0	mg/L		7.12			7.58	50	
Sodium PPM	11.0	10.0	"		11.9			7.85	50	

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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 B5D0117 - EPA 3550B

Blank (B5D0117-BLK1)

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

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	21		"	24.9		86.2	50-150			

LCS (B5D0117-BS1)

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

Diesel (C10-C28)	777	50.0	mg/kg	1000		77.7	70-130			
Residual Range Organics (C28-C40)	859	200	"	1000		85.9	70-130			
Surrogate: o-Terphenyl	42		"	49.8		85.1	50-150			

Matrix Spike (B5D0117-MS1)

Source: E5C0984-01

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

Diesel (C10-C28)	874	50.0	mg/kg	1000	ND	87.4	70-130			
Residual Range Organics (C28-C40)	961	200	"	1000	ND	96.1	70-130			
Surrogate: o-Terphenyl	46		"	49.8		92.0	50-150			

Matrix Spike Dup (B5D0117-MSD1)

Source: E5C0984-01

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

Diesel (C10-C28)	713	50.0	mg/kg	1000	ND	71.3	70-130	20.4	35	
Residual Range Organics (C28-C40)	763	200	"	1000	ND	76.3	70-130	23.0	35	
Surrogate: o-Terphenyl	38		"	49.8		76.0	50-150			

Batch B5D0123 - EPA 3550B

Blank (B5D0123-BLK1)

Prepared: 04/01/2025 Analyzed: 04/02/2025

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	28		"	24.9		112	50-150			

LCS (B5D0123-BS1)

Prepared: 04/01/2025 Analyzed: 04/02/2025

Diesel (C10-C28)	981	50.0	mg/kg	1000		98.1	70-130			
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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 B5D0123 - EPA 3550B

LCS (B5D0123-BS1)

Prepared: 04/01/2025 Analyzed: 04/02/2025

Residual Range Organics (C28-C40)	1060	200	mg/kg	1000		106	70-130			
Surrogate: o-Terphenyl	68		"	49.8		137	50-150			

Matrix Spike (B5D0123-MS1)

Source: E5C0984-21

Prepared: 04/01/2025 Analyzed: 04/02/2025

Diesel (C10-C28)	920	50.0	mg/kg	1000	ND	92.0	70-130			
Residual Range Organics (C28-C40)	1000	200	"	1000	ND	100	70-130			
Surrogate: o-Terphenyl	53		"	49.8		107	50-150			

Matrix Spike Dup (B5D0123-MSD1)

Source: E5C0984-21

Prepared: 04/01/2025 Analyzed: 04/02/2025

Diesel (C10-C28)	945	50.0	mg/kg	1000	ND	94.5	70-130	2.69	35	
Residual Range Organics (C28-C40)	1010	200	"	1000	ND	101	70-130	0.350	35	
Surrogate: o-Terphenyl	53		"	49.8		107	50-150			

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Metals by EPA 6000/7000 Series Methods - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5C2785 - EPA 3050B

Blank (B5C2785-BLK1)

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

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 (B5C2785-BS1)

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

Arsenic	5.07	0.290	mg/kg	5.00		101	80-120			
Barium	543	10.0	"	500		109	80-120			
Cadmium	5.24	0.100	"	5.00		105	80-120			
Copper	52.8	10.0	"	50.0		106	80-120			
Lead	5.22	1.00	"	5.00		104	80-120			
Nickel	5.17	1.00	"	5.00		103	80-120			
Selenium	5.55	0.260	"	5.00		111	80-120			
Silver	5.32	0.100	"	5.00		106	80-120			
Zinc	53.1	37.0	"	50.0		106	80-120			

Matrix Spike (B5C2785-MS1)

Source: E5C0966-43

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

Arsenic	7.04	0.263	mg/kg	4.54	2.08	109	75-125			
Barium	540	9.08	"	454	48.7	108	75-125			
Cadmium	4.93	0.0908	"	4.54	0.180	105	75-125			
Copper	55.0	9.08	"	45.4	6.43	107	75-125			
Lead	13.0	0.908	"	4.54	8.22	105	75-125			

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Metals by EPA 6000/7000 Series Methods - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5C2785 - EPA 3050B

Matrix Spike (B5C2785-MS1)

Source: E5C0966-43

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

Nickel	11.1	0.908	mg/kg	4.54	5.94	114	75-125			
Selenium	4.76	0.236	"	4.54	0.158	101	75-125			
Silver	4.82	0.0908	"	4.54	0.0240	106	75-125			
Zinc	74.2	33.6	"	45.4	25.5	107	75-125			

Matrix Spike Dup (B5C2785-MSD1)

Source: E5C0966-43

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

Arsenic	6.31	0.244	mg/kg	4.21	2.08	100	75-125	11.0	20	
Barium	496	8.42	"	421	48.7	106	75-125	8.56	20	
Cadmium	4.40	0.0842	"	4.21	0.180	100	75-125	11.3	20	
Copper	51.1	8.42	"	42.1	6.43	106	75-125	7.39	20	
Lead	12.1	0.842	"	4.21	8.22	92.8	75-125	6.83	20	
Nickel	10.2	0.842	"	4.21	5.94	101	75-125	8.90	20	
Selenium	4.46	0.219	"	4.21	0.158	102	75-125	6.47	20	
Silver	4.34	0.0842	"	4.21	0.0240	103	75-125	10.4	20	
Zinc	66.3	31.2	"	42.1	25.5	97.0	75-125	11.2	20	

Batch B5C2787 - EPA 3050B

Blank (B5C2787-BLK1)

Prepared: 03/27/2025 Analyzed: 03/30/2025

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	"							

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Metals by EPA 6000/7000 Series Methods - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5C2787 - EPA 3050B

Blank (B5C2787-BLK1)

Prepared: 03/27/2025 Analyzed: 03/30/2025

Zinc ND 37.0 mg/kg

LCS (B5C2787-BS1)

Prepared: 03/27/2025 Analyzed: 03/30/2025

Arsenic	5.73	0.290	mg/kg	5.00		115	80-120			
Barium	536	10.0	"	500		107	80-120			
Cadmium	5.70	0.100	"	5.00		114	80-120			
Copper	56.9	10.0	"	50.0		114	80-120			
Lead	5.75	1.00	"	5.00		115	80-120			
Nickel	5.48	1.00	"	5.00		110	80-120			
Selenium	5.24	0.260	"	5.00		105	80-120			
Silver	5.93	0.100	"	5.00		119	80-120			
Zinc	56.6	37.0	"	50.0		113	80-120			

Matrix Spike (B5C2787-MS1)

Source: E5C0984-06

Prepared: 03/27/2025 Analyzed: 03/30/2025

Arsenic	9.54	0.254	mg/kg	4.39	3.57	136	75-125			QM-07
Barium	746	8.77	"	439	272	108	75-125			
Cadmium	4.73	0.0877	"	4.39	0.109	105	75-125			
Copper	49.0	8.77	"	43.9	4.76	101	75-125			
Lead	10.3	0.877	"	4.39	4.96	121	75-125			
Nickel	10.6	0.877	"	4.39	5.75	110	75-125			
Selenium	4.32	0.228	"	4.39	0.100	96.3	75-125			
Silver	4.89	0.0877	"	4.39	0.0125	111	75-125			
Zinc	66.8	32.5	"	43.9	19.6	108	75-125			

Matrix Spike Dup (B5C2787-MSD1)

Source: E5C0984-06

Prepared: 03/27/2025 Analyzed: 03/30/2025

Arsenic	10.3	0.256	mg/kg	4.42	3.57	152	75-125	7.53	20	QM-07
Barium	948	8.84	"	442	272	153	75-125	23.9	20	QM-07, QR-DUP

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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 B5C2787 - EPA 3050B

Matrix Spike Dup (B5C2787-MSD1)

Source: E5C0984-06

Prepared: 03/27/2025 Analyzed: 03/30/2025

Cadmium	5.21	0.0884	mg/kg	4.42	0.109	115	75-125	9.60	20	
Copper	56.7	8.84	"	44.2	4.76	117	75-125	14.5	20	
Lead	11.4	0.884	"	4.42	4.96	145	75-125	10.4	20	QM-07
Nickel	12.1	0.884	"	4.42	5.75	143	75-125	13.1	20	QM-07
Selenium	4.60	0.230	"	4.42	0.100	102	75-125	6.14	20	
Silver	5.33	0.0884	"	4.42	0.0125	120	75-125	8.65	20	
Zinc	75.5	32.7	"	44.2	19.6	126	75-125	12.1	20	QM-07

Batch B5C2788 - EPA 3050B

Blank (B5C2788-BLK1)

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

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 (B5C2788-BS1)

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

Arsenic	5.02	0.290	mg/kg	5.00		100	80-120			
Barium	537	10.0	"	500		107	80-120			
Cadmium	5.12	0.100	"	5.00		102	80-120			
Copper	52.7	10.0	"	50.0		105	80-120			
Lead	5.04	1.00	"	5.00		101	80-120			

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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 B5C2788 - EPA 3050B

LCS (B5C2788-BS1)

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

Nickel	5.18	1.00	mg/kg	5.00		104	80-120			
Selenium	5.39	0.260	"	5.00		108	80-120			
Silver	5.23	0.100	"	5.00		105	80-120			
Zinc	51.0	37.0	"	50.0		102	80-120			

Matrix Spike (B5C2788-MS1)

Source: E5C0969-01

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

Arsenic	5.70	0.249	mg/kg	4.30	1.31	102	75-125			
Barium	510	8.60	"	430	13.2	116	75-125			
Cadmium	4.76	0.0860	"	4.30	0.0795	109	75-125			
Copper	51.7	8.60	"	43.0	3.18	113	75-125			
Lead	9.19	0.860	"	4.30	4.71	104	75-125			
Nickel	7.04	0.860	"	4.30	2.85	97.5	75-125			
Selenium	4.93	0.223	"	4.30	0.202	110	75-125			
Silver	4.90	0.0860	"	4.30	0.142	111	75-125			
Zinc	58.5	31.8	"	43.0	13.7	104	75-125			

Matrix Spike Dup (B5C2788-MSD1)

Source: E5C0969-01

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

Arsenic	5.65	0.270	mg/kg	4.66	1.31	93.0	75-125	0.929	20	
Barium	525	9.32	"	466	13.2	110	75-125	2.97	20	
Cadmium	4.87	0.0932	"	4.66	0.0795	103	75-125	2.38	20	
Copper	51.3	9.32	"	46.6	3.18	103	75-125	0.859	20	
Lead	9.38	0.932	"	4.66	4.71	100	75-125	2.13	20	
Nickel	7.45	0.932	"	4.66	2.85	98.7	75-125	5.64	20	
Selenium	5.10	0.242	"	4.66	0.202	105	75-125	3.36	20	
Silver	5.07	0.0932	"	4.66	0.142	106	75-125	3.42	20	
Zinc	58.8	34.5	"	46.6	13.7	96.6	75-125	0.348	20	

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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 B5D0255 - Saturated Paste pH/EC

Blank (B5D0255-BLK1)

Prepared: 04/02/2025 Analyzed: 04/05/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5D0255-DUP1)

Source: E5C0984-01

Prepared: 04/02/2025 Analyzed: 04/05/2025

Specific Conductance (EC)	0.445	0.00500	mmhos/cm	0.402	10.0	25
pH	8.21		pH Units	8.29	0.970	25

Batch B5D0256 - Saturated Paste pH/EC

Blank (B5D0256-BLK1)

Prepared: 04/02/2025 Analyzed: 04/05/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5D0256-DUP1)

Source: E5C0984-21

Prepared: 04/02/2025 Analyzed: 04/05/2025

pH	8.27		pH Units	8.28	0.121	25
Specific Conductance (EC)	0.295	0.00500	mmhos/cm	0.314	6.01	25

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5C2806 - EPA 5030 (soil)

Blank (B5C2806-BLK1)

Prepared: 03/28/2025 Analyzed: 03/29/2025

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

Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125	98.2	70-130
Surrogate: Toluene-d8	0.12		"	0.125	97.4	70-130
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	104	70-130

LCS (B5C2806-BS1)

Prepared: 03/28/2025 Analyzed: 03/29/2025

1,2,4-Trimethylbenzene	0.108	0.00200	mg/kg	0.100	108	70-130
1,3,5-Trimethylbenzene	0.109	0.00200	"	0.100	109	70-130
Benzene	0.110	0.00200	"	0.100	110	70-130
Ethylbenzene	0.105	0.00200	"	0.100	105	70-130
Toluene	0.0989	0.00200	"	0.100	98.9	70-130
o-Xylene	0.108	0.00200	"	0.100	108	70-130
m,p-Xylene	0.210	0.00400	"	0.200	105	70-130

Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	101	70-130
Surrogate: Toluene-d8	0.12		"	0.125	96.2	70-130
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	99.3	70-130

Matrix Spike (B5C2806-MS1)

Source: E5C0983-01

Prepared: 03/28/2025 Analyzed: 03/29/2025

1,2,4-Trimethylbenzene	0.0973	0.00200	mg/kg	0.100	ND	97.3	70-130
1,3,5-Trimethylbenzene	0.0958	0.00200	"	0.100	ND	95.8	70-130
Benzene	0.102	0.00200	"	0.100	ND	102	70-130

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5C2806 - EPA 5030 (soil)

Matrix Spike (B5C2806-MS1)		Source: E5C0983-01			Prepared: 03/28/2025 Analyzed: 03/29/2025					
Ethylbenzene	0.0921	0.00200	mg/kg	0.100	ND	92.1	70-130			
Toluene	0.0905	0.00200	"	0.100	ND	90.5	70-130			
o-Xylene	0.0964	0.00200	"	0.100	ND	96.4	70-130			
m,p-Xylene	0.184	0.00400	"	0.200	ND	92.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.5	70-130			

Matrix Spike Dup (B5C2806-MSD1)		Source: E5C0983-01			Prepared: 03/28/2025 Analyzed: 03/29/2025					
1,2,4-Trimethylbenzene	0.110	0.00200	mg/kg	0.100	ND	110	70-130	12.2	20	
1,3,5-Trimethylbenzene	0.110	0.00200	"	0.100	ND	110	70-130	13.4	20	
Benzene	0.115	0.00200	"	0.100	ND	115	70-130	12.1	20	
Ethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130	14.5	20	
Toluene	0.101	0.00200	"	0.100	ND	101	70-130	10.8	20	
o-Xylene	0.111	0.00200	"	0.100	ND	111	70-130	14.1	20	
m,p-Xylene	0.213	0.00400	"	0.200	ND	107	70-130	14.5	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		106	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.4	70-130			

Batch B5C2807 - EPA 5030 (soil)

Blank (B5C2807-BLK1)		Prepared: 03/28/2025 Analyzed: 03/30/2025								
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Toluene	ND	0.00200	"							U

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5C2807 - EPA 5030 (soil)

Blank (B5C2807-BLK1)

Prepared: 03/28/2025 Analyzed: 03/30/2025

Xylenes, total	ND	0.00200	mg/kg							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.9	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.4	70-130			

LCS (B5C2807-BS1)

Prepared: 03/28/2025 Analyzed: 03/30/2025

1,2,4-Trimethylbenzene	0.104	0.00200	mg/kg	0.100		104	70-130			
1,3,5-Trimethylbenzene	0.104	0.00200	"	0.100		104	70-130			
Benzene	0.0984	0.00200	"	0.100		98.4	70-130			
Ethylbenzene	0.101	0.00200	"	0.100		101	70-130			
Toluene	0.103	0.00200	"	0.100		103	70-130			
o-Xylene	0.103	0.00200	"	0.100		103	70-130			
m,p-Xylene	0.206	0.00400	"	0.200		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.6	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		107	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		95.8	70-130			

Matrix Spike (B5C2807-MS1)

Source: E5C0984-06

Prepared: 03/28/2025 Analyzed: 03/30/2025

1,2,4-Trimethylbenzene	0.0834	0.00200	mg/kg	0.100	ND	83.4	70-130			
1,3,5-Trimethylbenzene	0.0848	0.00200	"	0.100	ND	84.8	70-130			
Benzene	0.0734	0.00200	"	0.100	ND	73.4	70-130			
Ethylbenzene	0.0850	0.00200	"	0.100	ND	85.0	70-130			
Toluene	0.0842	0.00200	"	0.100	ND	84.2	70-130			
o-Xylene	0.0845	0.00200	"	0.100	ND	84.5	70-130			
m,p-Xylene	0.170	0.00400	"	0.200	ND	85.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		91.7	70-130			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5C2807 - EPA 5030 (soil)

Matrix Spike (B5C2807-MS1)

Source: E5C0984-06

Prepared: 03/28/2025 Analyzed: 03/30/2025

Surrogate: Toluene-d8	0.14		mg/kg	0.125		110	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		94.4	70-130			

Matrix Spike Dup (B5C2807-MSD1)

Source: E5C0984-06

Prepared: 03/28/2025 Analyzed: 03/30/2025

1,2,4-Trimethylbenzene	0.0826	0.00200	mg/kg	0.100	ND	82.6	70-130	0.940	20	
1,3,5-Trimethylbenzene	0.0829	0.00200	"	0.100	ND	82.9	70-130	2.27	20	
Benzene	0.0774	0.00200	"	0.100	ND	77.4	70-130	5.36	20	
Ethylbenzene	0.0842	0.00200	"	0.100	ND	84.2	70-130	0.875	20	
Toluene	0.0859	0.00200	"	0.100	ND	85.9	70-130	1.97	20	
o-Xylene	0.0846	0.00200	"	0.100	ND	84.6	70-130	0.0946	20	
m,p-Xylene	0.170	0.00400	"	0.200	ND	84.8	70-130	0.224	20	

Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		100	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		107	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		94.7	70-130			

Batch B5C2838 - EPA 5030 (soil)

Blank (B5C2838-BLK1)

Prepared: 03/28/2025 Analyzed: 03/30/2025

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

Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		92.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		108	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		86.4	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5C2838 - EPA 5030 (soil)

LCS (B5C2838-BS1)

Prepared: 03/28/2025 Analyzed: 03/30/2025

1,2,4-Trimethylbenzene	0.0935	0.00200	mg/kg	0.100		93.5	70-130			
1,3,5-Trimethylbenzene	0.0940	0.00200	"	0.100		94.0	70-130			
Benzene	0.0897	0.00200	"	0.100		89.7	70-130			
Ethylbenzene	0.0953	0.00200	"	0.100		95.3	70-130			
Toluene	0.0966	0.00200	"	0.100		96.6	70-130			
o-Xylene	0.0938	0.00200	"	0.100		93.8	70-130			
m,p-Xylene	0.196	0.00400	"	0.200		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		93.9	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.10		"	0.125		83.6	70-130			

Matrix Spike (B5C2838-MS1)

Source: E5C0940-01

Prepared: 03/28/2025 Analyzed: 03/30/2025

1,2,4-Trimethylbenzene	0.0849	0.00200	mg/kg	0.100	ND	84.9	70-130			
1,3,5-Trimethylbenzene	0.0842	0.00200	"	0.100	ND	84.2	70-130			
Benzene	0.0824	0.00200	"	0.100	ND	82.4	70-130			
Ethylbenzene	0.0815	0.00200	"	0.100	ND	81.5	70-130			
Toluene	0.0863	0.00200	"	0.100	ND	86.3	70-130			
o-Xylene	0.0783	0.00200	"	0.100	ND	78.3	70-130			
m,p-Xylene	0.170	0.00400	"	0.200	ND	85.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		94.7	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.10		"	0.125		80.9	70-130			

Matrix Spike Dup (B5C2838-MSD1)

Source: E5C0940-01

Prepared: 03/28/2025 Analyzed: 03/30/2025

1,2,4-Trimethylbenzene	0.0626	0.00200	mg/kg	0.100	ND	62.6	70-130	30.3	20	QM-07
1,3,5-Trimethylbenzene	0.0573	0.00200	"	0.100	ND	57.3	70-130	38.0	20	QM-07
Benzene	0.0747	0.00200	"	0.100	ND	74.7	70-130	9.73	20	

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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5C2838 - EPA 5030 (soil)

Matrix Spike Dup (B5C2838-MSD1)

Source: E5C0940-01

Prepared: 03/28/2025 Analyzed: 03/30/2025

Ethylbenzene	0.0691	0.00200	mg/kg	0.100	ND	69.1	70-130	16.4	20	QM-07
Toluene	0.0759	0.00200	"	0.100	ND	75.9	70-130	12.8	20	
o-Xylene	0.0673	0.00200	"	0.100	ND	67.3	70-130	15.1	20	QM-07
m,p-Xylene	0.142	0.00400	"	0.200	ND	71.0	70-130	17.9	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		101	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		85.5	70-130			

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**PAH by SW8270 - Quality Control
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BID0065 - SW3550C/EPA600-MS

Blank (BID0065-BLK1)

Prepared: 04/01/2025 Analyzed: 04/02/2025

1-Methylnaphthalene	ND	0.00600	mg/kg				-			
2-Methylnaphthalene	ND	0.0150	"				-			
Acenaphthene	ND	0.0833	"				-			
Anthracene	ND	0.0833	"				-			
Benzo (a) anthracene	ND	0.0110	"				-			
Benzo (a) pyrene	ND	0.0833	"				-			
Benzo (b) fluoranthene	ND	0.0833	"				-			
Benzo (k) fluoranthene	ND	0.0833	"				-			
Chrysene	ND	0.0833	"				-			
Dibenz (a,h) anthracene	ND	0.0833	"				-			
Fluoranthene	ND	0.0833	"				-			
Fluorene	ND	0.0833	"				-			
Indeno (1,2,3-cd) pyrene	ND	0.0833	"				-			
Naphthalene	ND	0.00380	"				-			
Pyrene	ND	0.0833	"				-			

Surrogate: 2,4,6-Tribromophenol (Surr)	2.01		"	3.33		60.4	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.929		"	1.67		55.8	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.79		"	3.33		53.6	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.916		"	1.67		55.0	21-100			
Surrogate: Phenol-d5 (Surr)	1.95		"	3.33		58.6	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.12		"	1.67		67.0	25-125			

LCS (BID0065-BS1)

Prepared: 04/01/2025 Analyzed: 04/02/2025

1-Methylnaphthalene	ND	0.0833	mg/kg				0-200			
2-Methylnaphthalene	ND	0.0833	"				70-130			
Acenaphthene	1.09	0.0833	"	1.67		65.6	24-110			
Anthracene	1.19	0.0833	"	1.67		71.4	25-117			

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**PAH by SW8270 - Quality Control
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BID0065 - SW3550C/EPA600-MS

LCS (BID0065-BS1)

Prepared: 04/01/2025 Analyzed: 04/02/2025

Benzo (a) anthracene	1.08	0.0833	mg/kg	1.67		64.8	25-127			
Benzo (a) pyrene	1.08	0.0833	"	1.67		64.9	18-127			
Benzo (b) fluoranthene	1.24	0.0833	"	1.67		74.1	20-132			
Benzo (k) fluoranthene	1.05	0.0833	"	1.67		63.0	14-136			
Chrysene	1.08	0.0833	"	1.67		64.7	21-141			
Dibenz (a,h) anthracene	1.20	0.0833	"	1.67		71.9	10-142			
Fluoranthene	1.07	0.0833	"	1.67		64.2	19-138			
Fluorene	1.06	0.0833	"	1.67		63.8	25-114			
Indeno (1,2,3-cd) pyrene	1.12	0.0833	"	1.67		67.1	10-136			
Naphthalene	1.01	0.0833	"	1.67		60.5	18-109			
Pyrene	1.30	0.0833	"	1.67		77.8	17-159			
Surrogate: 2,4,6-Tribromophenol (Surr)	2.29		"	3.33		68.8	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.958		"	1.67		57.5	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.85		"	3.33		55.4	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	1.03		"	1.67		61.9	21-100			
Surrogate: Phenol-d5 (Surr)	1.89		"	3.33		56.7	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.13		"	1.67		67.6	25-125			

Matrix Spike (BID0065-MS1)

Source: E5C0984-22

Prepared: 04/01/2025 Analyzed: 04/02/2025

1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200			
2-Methylnaphthalene	ND	0.0833	"		ND		70-130			
Acenaphthene	0.796	0.0833	"	1.63	ND	48.7	10-124			
Anthracene	0.809	0.0833	"	1.63	ND	49.5	10-143			
Benzo (a) anthracene	0.753	0.0833	"	1.63	ND	46.1	10-169			
Benzo (a) pyrene	0.806	0.0833	"	1.63	ND	49.3	10-149			
Benzo (b) fluoranthene	0.877	0.0833	"	1.63	ND	53.7	10-150			
Benzo (k) fluoranthene	0.843	0.0833	"	1.63	ND	51.6	10-211			

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**PAH by SW8270 - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BID0065 - SW3550C/EPA600-MS

Matrix Spike (BID0065-MS1)		Source: E5C0984-22			Prepared: 04/01/2025 Analyzed: 04/02/2025					
Chrysene	0.703	0.0833	mg/kg	1.63	ND	43.0	10-172			
Dibenz (a,h) anthracene	0.941	0.0833	"	1.63	ND	57.6	10-128			
Fluoranthene	0.705	0.0833	"	1.63	ND	43.1	10-271			
Fluorene	0.792	0.0833	"	1.63	ND	48.4	10-124			
Indeno (1,2,3-cd) pyrene	0.852	0.0833	"	1.63	ND	52.2	10-127			
Naphthalene	0.692	0.0833	"	1.63	ND	42.3	10-118			
Pyrene	0.836	0.0833	"	1.63	ND	51.2	10-212			
Surrogate: 2,4,6-Tribromophenol (Surr)	1.83		"	3.27		56.1	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.671		"	1.63		41.0	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.74		"	3.27		53.3	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.787		"	1.63		48.2	21-100			
Surrogate: Phenol-d5 (Surr)	1.60		"	3.27		49.0	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	0.772		"	1.63		47.2	25-125			

Matrix Spike Dup (BID0065-MSD1)		Source: E5C0984-22			Prepared: 04/01/2025 Analyzed: 04/02/2025					
1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200		20	
2-Methylnaphthalene	ND	0.0833	"		ND		70-130		20	
Acenaphthene	0.624	0.0833	"	1.64	ND	38.0	10-124	24.2	20	P
Anthracene	0.677	0.0833	"	1.64	ND	41.1	10-143	17.9	20	
Benzo (a) anthracene	0.678	0.0833	"	1.64	ND	41.2	10-169	10.4	20	
Benzo (a) pyrene	0.672	0.0833	"	1.64	ND	40.8	10-149	18.2	20	
Benzo (b) fluoranthene	0.747	0.0833	"	1.64	ND	45.4	10-150	16.0	20	
Benzo (k) fluoranthene	0.683	0.0833	"	1.64	ND	41.5	10-211	21.0	20	P
Chrysene	0.626	0.0833	"	1.64	ND	38.1	10-172	11.6	20	
Dibenz (a,h) anthracene	0.737	0.0833	"	1.64	ND	44.8	10-128	24.4	20	P
Fluoranthene	0.680	0.0833	"	1.64	ND	41.3	10-271	3.58	20	
Fluorene	0.649	0.0833	"	1.64	ND	39.5	10-124	19.8	20	

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

**PAH by SW8270 - Quality Control
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BID0065 - SW3550C/EPA600-MS

Matrix Spike Dup (BID0065-MSD1)

Source: E5C0984-22

Prepared: 04/01/2025 Analyzed: 04/02/2025

Indeno (1,2,3-cd) pyrene	0.688	0.0833	mg/kg	1.64	ND	41.8	10-127	21.4	20	P
Naphthalene	0.562	0.0833	"	1.64	ND	34.2	10-118	20.7	20	P
Pyrene	0.752	0.0833	"	1.64	ND	45.7	10-212	10.6	20	
Surrogate: 2,4,6-Tribromophenol (Surr)	1.52		"	3.29		46.2	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.577		"	1.64		35.1	19-105			
Surrogate: 2-Fluorophenol (Surr)	0.824		"	3.29		25.0	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.565		"	1.64		34.4	21-100			
Surrogate: Phenol-d5 (Surr)	1.24		"	3.29		37.8	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	0.663		"	1.64		40.3	25-125			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BID0064 - SW3550C/EPA600-MS

Blank (BID0064-BLK1)

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

1-Methylnaphthalene	ND	0.00600	mg/kg				-			
2-Methylnaphthalene	ND	0.0150	"				-			
Acenaphthene	ND	0.0833	"				-			
Anthracene	ND	0.0833	"				-			
Benzo (a) anthracene	ND	0.0110	"				-			
Benzo (a) pyrene	ND	0.0833	"				-			
Benzo (b) fluoranthene	ND	0.0833	"				-			
Benzo (k) fluoranthene	ND	0.0833	"				-			
Chrysene	ND	0.0833	"				-			
Dibenz (a,h) anthracene	ND	0.0833	"				-			
Fluoranthene	ND	0.0833	"				-			
Fluorene	ND	0.0833	"				-			
Indeno (1,2,3-cd) pyrene	ND	0.0833	"				-			
Naphthalene	ND	0.00380	"				-			
Pyrene	ND	0.0833	"				-			

Surrogate: 2,4,6-Tribromophenol (Surr)	1.80		"	3.33		53.9	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.849		"	1.67		50.9	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.30		"	3.33		39.0	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.950		"	1.67		57.0	21-100			
Surrogate: Phenol-d5 (Surr)	1.80		"	3.33		53.9	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.01		"	1.67		60.4	25-125			

LCS (BID0064-BS1)

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

1-Methylnaphthalene	ND	0.0833	mg/kg				0-200			
2-Methylnaphthalene	ND	0.0833	"				70-130			
Acenaphthene	1.05	0.0833	"	1.67		62.9	24-110			
Anthracene	1.11	0.0833	"	1.67		66.5	25-117			

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PAH by SW8270 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BID0064 - SW3550C/EPA600-MS

LCS (BID0064-BS1)

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

Benzo (a) anthracene	1.02	0.0833	mg/kg	1.67		61.2	25-127			
Benzo (a) pyrene	0.992	0.0833	"	1.67		59.5	18-127			
Benzo (b) fluoranthene	1.12	0.0833	"	1.67		67.4	20-132			
Benzo (k) fluoranthene	0.947	0.0833	"	1.67		56.8	14-136			
Chrysene	1.04	0.0833	"	1.67		62.5	21-141			
Dibenz (a,h) anthracene	1.26	0.0833	"	1.67		75.4	10-142			
Fluoranthene	0.982	0.0833	"	1.67		58.9	19-138			
Fluorene	1.01	0.0833	"	1.67		60.4	25-114			
Indeno (1,2,3-cd) pyrene	1.16	0.0833	"	1.67		69.5	10-136			
Naphthalene	0.977	0.0833	"	1.67		58.6	18-109			
Pyrene	1.25	0.0833	"	1.67		74.8	17-159			
Surrogate: 2,4,6-Tribromophenol (Surr)	2.12		"	3.33		63.5	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.916		"	1.67		54.9	19-105			
Surrogate: 2-Fluorophenol (Surr)	2.29		"	3.33		68.6	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	1.04		"	1.67		62.4	21-100			
Surrogate: Phenol-d5 (Surr)	1.95		"	3.33		58.6	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.09		"	1.67		65.7	25-125			

Matrix Spike (BID0064-MS1)

Source: E5C0984-02

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

1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200			
2-Methylnaphthalene	ND	0.0833	"		ND		70-130			
Acenaphthene	0.864	0.0833	"	1.64	ND	52.5	10-124			
Anthracene	0.835	0.0833	"	1.64	ND	50.8	10-143			
Benzo (a) anthracene	0.788	0.0833	"	1.64	ND	47.9	10-169			
Benzo (a) pyrene	0.819	0.0833	"	1.64	ND	49.8	10-149			
Benzo (b) fluoranthene	0.971	0.0833	"	1.64	ND	59.0	10-150			
Benzo (k) fluoranthene	0.691	0.0833	"	1.64	ND	42.0	10-211			

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PAH by SW8270 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BID0064 - SW3550C/EPA600-MS

Matrix Spike (BID0064-MS1)

Source: E5C0984-02

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

Chrysene	0.733	0.0833	mg/kg	1.64	ND	44.6	10-172			
Dibenz (a,h) anthracene	1.03	0.0833	"	1.64	ND	62.4	10-128			
Fluoranthene	0.712	0.0833	"	1.64	ND	43.3	10-271			
Fluorene	0.893	0.0833	"	1.64	ND	54.3	10-124			
Indeno (1,2,3-cd) pyrene	0.938	0.0833	"	1.64	ND	57.0	10-127			
Naphthalene	0.714	0.0833	"	1.64	ND	43.4	10-118			
Pyrene	0.905	0.0833	"	1.64	ND	55.0	10-212			

Surrogate: 2,4,6-Tribromophenol (Surr)	1.86		"	3.29		56.5	15-96			S
Surrogate: 2-Fluorobiphenyl (Surr)	0.770		"	1.64		46.8	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.38		"	3.29		42.1	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.871		"	1.64		53.0	21-100			S
Surrogate: Phenol-d5 (Surr)	1.68		"	3.29		51.1	13-100			S
Surrogate: p-Terphenyl-d14 (Surr)	0.850		"	1.64		51.7	25-125			

Matrix Spike Dup (BID0064-MSD1)

Source: E5C0984-02

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

1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200			20
2-Methylnaphthalene	ND	0.0833	"		ND		70-130			20
Acenaphthene	0.812	0.0833	"	1.62	ND	50.0	10-124	6.14		20
Anthracene	0.775	0.0833	"	1.62	ND	47.7	10-143	7.46		20
Benzo (a) anthracene	0.723	0.0833	"	1.62	ND	44.5	10-169	8.60		20
Benzo (a) pyrene	0.766	0.0833	"	1.62	ND	47.2	10-149	6.73		20
Benzo (b) fluoranthene	0.881	0.0833	"	1.62	ND	54.3	10-150	9.69		20
Benzo (k) fluoranthene	0.684	0.0833	"	1.62	ND	42.1	10-211	1.09		20
Chrysene	0.672	0.0833	"	1.62	ND	41.4	10-172	8.68		20
Dibenz (a,h) anthracene	0.958	0.0833	"	1.62	ND	59.0	10-128	6.82		20
Fluoranthene	0.705	0.0833	"	1.62	ND	43.4	10-271	1.03		20
Fluorene	0.829	0.0833	"	1.62	ND	51.0	10-124	7.48		20

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**PAH by SW8270 - Quality Control
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BID0064 - SW3550C/EPA600-MS

Matrix Spike Dup (BID0064-MSD1)

Source: E5C0984-02

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

Indeno (1,2,3-cd) pyrene	0.880	0.0833	mg/kg	1.62	ND	54.2	10-127	6.29	20	
Naphthalene	0.681	0.0833	"	1.62	ND	42.0	10-118	4.68	20	
Pyrene	0.812	0.0833	"	1.62	ND	50.0	10-212	10.8	20	
Surrogate: 2,4,6-Tribromophenol (Surr)	1.78		"	3.25		54.8	15-96			S
Surrogate: 2-Fluorobiphenyl (Surr)	0.733		"	1.62		45.1	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.82		"	3.25		56.0	12-95			S
Surrogate: Nitrobenzene-d5 (Surr)	0.843		"	1.62		51.9	21-100			S
Surrogate: Phenol-d5 (Surr)	1.47		"	3.25		45.3	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	0.773		"	1.62		47.6	25-125			

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TOTAL METALS BY SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BID1135 - No Prep IC-WET										
Blank (BID1135-BLK1)										
					Prepared: 04/22/2025 Analyzed: 04/23/2025					
Chromium, Hexavalent	ND	0.005	mg/kg				-			
LCS (BID1135-BS1)										
					Prepared: 04/22/2025 Analyzed: 04/23/2025					
Chromium, Hexavalent	0.05	0.005	mg/kg	0.0500		109	80-120			
LCS (BID1135-BS2)										
					Prepared: 04/22/2025 Analyzed: 04/23/2025					
Chromium, Hexavalent	9.50	1.00	mg/kg	8.24		115	80-120			
Matrix Spike (BID1135-MS1)										
		Source: 25D0015-10			Prepared: 04/22/2025 Analyzed: 04/24/2025					
Chromium, Hexavalent	2.05	0.20	mg/kg	2.02	ND	102	75-125			
Matrix Spike Dup (BID1135-MSD1)										
		Source: 25D0015-10			Prepared: 04/22/2025 Analyzed: 04/24/2025					
Chromium, Hexavalent	2.08	0.19	mg/kg	1.93	ND	107	75-125	1.07	20	

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TOTAL METALS BY SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BID1063 - No Prep IC-WET										
Blank (BID1063-BLK1)										
					Prepared: 04/21/2025 Analyzed: 04/23/2025					
Chromium, Hexavalent	ND	0.005	mg/kg				-			
LCS (BID1063-BS1)										
					Prepared: 04/21/2025 Analyzed: 04/23/2025					
Chromium, Hexavalent	0.06	0.005	mg/kg	0.0500		112	80-120			
LCS (BID1063-BS2)										
					Prepared: 04/21/2025 Analyzed: 04/23/2025					
Chromium, Hexavalent	9.00	1.00	mg/kg	8.19		110	80-120			
Matrix Spike (BID1063-MS1)										
		Source: E5C0984-20			Prepared: 04/21/2025 Analyzed: 04/23/2025					
Chromium, Hexavalent	2.13	0.19	mg/kg	1.93	ND	110	75-125			
Matrix Spike Dup (BID1063-MSD1)										
		Source: E5C0984-20			Prepared: 04/21/2025 Analyzed: 04/23/2025					
Chromium, Hexavalent	2.15	0.20	mg/kg	1.96	ND	110	75-125	0.755	20	

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Notes and Definitions

- U Sample is Non-Detect.
 - S Surrogate recovery was outside acceptance criteria
 - QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.
 - QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
 - P Duplicate analysis does not meet the acceptance criteria for precision
 - M Matrix spike recovery is outside established acceptance limits
 - L LCS recovery is outside of established acceptance limits
 - J The reported result is an estimated value.
 - P [Undefined]
 - 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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