



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

February 07, 2025

1301 Academy St.
Fort Collins, CO 80525
800-288-2657
lglazier@cgrs.com

Project Manager : Lauren Glazier
Project Name : Trade Winds 1-28
Project Number : 38457

Attached are the analytical results for Trade Winds 1-28 38457 received by Elevation Diagnostics, Division of Environmental Testing on January 31, 2025. This is associated with Elevation's number AA17008 .

The results were analyzed under the guidelines of various methods. These methods are identified in the report as follows: "SW" is referring to the EPA's SW-846 Compendium; "EPA" is referring to 40 CFR part 136; "HACH" is referring to a method which was validated by HACH®; "SM" is referring to a revision of the Standard Methods For the Examination of Water and Wastewater; and "ASTM" is referring to the standard test method set forth by ASTM International.

The analytical results in this report apply specifically to the samples listed in the attached Chain of Custody. This report may only be duplicated in full.

Any deviations to sample integrity, method specifications, or Elevation Diagnostics's standard operating procedures are documented in the report below.

Please contact us for any questions or comments concerning the content of this report.

Thank you,

Elevation Diagnostics, Division of Environmental Testing

Chain of Custody Form


Elevation Diagnostics

2115 North Scranton Street Suite 3040A Aurora, CO 80045
800.440.5184

Client: CGRS
 Address: 1301 Academy Ct
 City/State/ZIP: Fort Collins, CO 80525
 Phone: 315-657-4720
 Project Contact: Lauren Glazier

Project Name: TRADE WINDS 1-28 rem # 38457
 Project Location: _____
 Collector Name: Connor Newton, Jeremy Eisele

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested			Notes			
					HCl	HNO ₃	None	Other	Water	Soil	Other	ECMC 915 MATRIX	PH, EC, SAR, DORON	ECMC 915-1		QR	QR	QR
1	BACKGROUND 01 @ ①	1-30-25	12:45	2			✓		✓			✓	✓	✓	H	AA17008-1	AA17008-1	AA17010-1
2	BACKGROUND 02 @ ②		12:55	2			✓		✓		✓	✓	✓		H	AA17011-1	AA17012-1	AA17013-1
3	BACKGROUND 03 @ ③		1:15	2			✓		✓		✓	✓	✓		H	AA17014-1	AA17015-1	AA17016-1
4	SP 01 @ 6"		1:30	3			✓		✓		✓	✓	✓		H	AA17017-1		
5	SP 02 @ 6"		1:45	3			✓		✓		✓	✓	✓					
6	TB 01 @ 6"		2:00	3			✓		✓		✓	✓	✓					Hold
7	TB 02 @ 6"		2:15	3			✓		✓		✓	✓	✓					Hold
8	TB 03 @ 6"		2:30	3			✓		✓		✓	✓	✓					Hold
9	TB 04 @ 6"		2:45	3			✓		✓		✓	✓	✓					Hold
10	TB 05 @ 6"		3:00	3			✓		✓		✓	✓	✓					

Relinquished By: <u>Jeremy Eisele</u> Date/Time: <u>12:30pm 1-31-25</u>	Relinquished By: _____ Date/Time: _____	Relinquished By: _____ Date/Time: _____	Scan to Deliver Samples 
Lab Use Only Observed Temperature Upon Receipt: <u>1.1°C</u> Corrected Temperature Upon Receipt: <u>2.4°C</u> Thermometer #: <u>EDXEQ238</u> Correction Factor: <u>+1.3°C</u>	Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No pH Checked: <input checked="" type="radio"/> Yes <input type="radio"/> No pH Adjusted: <input checked="" type="radio"/> Yes <input type="radio"/> No Name/Lot Number of Adjustment: _____	2025-01-31-005-1	

- ① BACKGROUND 01 @ 1" on container
- ② BACKGROUND 02 @ 1" on container
- ③ BACKGROUND 03 @ 1" on container



Division of Environmental Testing

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Report Date : 2/7/2025

Report Time : 15:04

FINAL RESULTS REPORT

Project Manager: Lauren Glazier

Project Name: Trade Winds 1-28

Project Number: 38457

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA17008-1	Background01@	Collected : 01/30/2025	12:45				
SAR - Calcium		02/05/2025	10:30	10.00	4.75	mEq/L	0.50 EPA 6020B
SAR - Magnesium		02/05/2025	10:30	10.00	1.10	mEq/L	0.82 EPA 6020B
SAR - Sodium		02/05/2025	10:30	10.00	<0.43	mEq/L	0.43 EPA 6020B
SAR - Sodium Adsorption Ratio		02/05/2025	10:30	10.00	0.12	No Unit	EPA 6020B
Soil Conductivity		02/04/2025	17:28		0.50	mmhos/cm	0.0005 USDA 60
AA17008-2	Background01@	Collected : 01/30/2025	12:45				
Chromium VI, Soil		02/05/2025	12:23		<0.08	mg/kg	0.080 EPA 7199
Hot Water Soluble Boron		02/04/2025	08:29		0.23	mg/kg	0.050 Boron Hot Water Extraction
pH, Soils Temperature		02/03/2025	15:52		21.8	°C	
pH, Soils		02/03/2025	15:52		7.65	SU	0.01 EPA 9045D
Total Metals, Soils - Arsenic		02/04/2025	10:07	10.00	2.21	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Barium		02/04/2025	10:07	10.00	34.07	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Cadmium		02/04/2025	10:07	10.00	0.06	mg/kg	0.001 EPA 6020B
Total Metals, Soils - Copper		02/04/2025	10:07	10.00	2.65	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Lead		02/04/2025	10:07	10.00	2.90	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Nickel		02/04/2025	10:07	10.00	3.29	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Selenium		02/04/2025	10:07	10.00	1.37	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Silver		02/04/2025	10:07	10.00	<0.03	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Zinc		02/04/2025	10:07	10.00	11.11	mg/kg	0.025 EPA 6020B
AA17009-1	Background02@	Collected : 01/30/2025	12:55				
SAR - Calcium		02/05/2025	10:30	10.00	4.59	mEq/L	0.50 EPA 6020B
SAR - Magnesium		02/05/2025	10:30	10.00	2.18	mEq/L	0.82 EPA 6020B
SAR - Sodium		02/05/2025	10:30	10.00	<0.43	mEq/L	0.43 EPA 6020B
SAR - Sodium Adsorption Ratio		02/05/2025	10:30	10.00	0.16	No Unit	EPA 6020B
Soil Conductivity		02/04/2025	17:28		0.72	mmhos/cm	0.0005 USDA 60
AA17009-2	Background02@	Collected : 01/30/2025	12:55				
Chromium VI, Soil		02/05/2025	12:23		<0.08	mg/kg	0.080 EPA 7199
Hot Water Soluble Boron		02/04/2025	08:29		0.12	mg/kg	0.050 Boron Hot Water Extraction
pH, Soils Temperature		02/03/2025	15:52		21.9	°C	
pH, Soils		02/03/2025	15:52		5.82	SU	0.01 EPA 9045D
Total Metals, Soils - Arsenic		02/04/2025	10:07	10.00	2.73	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Barium		02/04/2025	10:07	10.00	18.24	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Cadmium		02/04/2025	10:07	10.00	0.17	mg/kg	0.001 EPA 6020B
Total Metals, Soils - Copper		02/04/2025	10:07	10.00	3.46	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Lead		02/04/2025	10:07	10.00	4.10	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Nickel		02/04/2025	10:07	10.00	3.00	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Selenium		02/04/2025	10:07	10.00	1.41	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Silver		02/04/2025	10:07	10.00	<0.25 - RL1	mg/kg	0.25 EPA 6020B
Total Metals, Soils - Zinc		02/04/2025	10:07	10.00	12.54	mg/kg	0.025 EPA 6020B

AA17010-1 Background03@

Collected : 01/30/2025 13:15

Report #3559 Not previously reported

The results listed pertain only to the samples submitted to Elevation Diagnostics, Division of Environmental Testing as per the Chain of Custody attached. This report may only be duplicated in full.



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Report Date : 2/7/2025

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FINAL RESULTS REPORT

Project Manager: Lauren Glazier

Project Name: Trade Winds 1-28

Project Number: 38457

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SAR - Calcium		02/05/2025 10:30	10.00	5.46	mEq/L	0.50	EPA 6020B
SAR - Magnesium		02/05/2025 10:30	10.00	1.91	mEq/L	0.82	EPA 6020B
SAR - Sodium		02/05/2025 10:30	10.00	<0.43	mEq/L	0.43	EPA 6020B
SAR - Sodium Adsorption Ratio		02/05/2025 10:30	10.00	0.08	No Unit		EPA 6020B
Soil Conductivity		02/04/2025 17:28		0.82	mmhos/cm	0.0005	USDA 60
AA17010-2	Background03@	Collected : 01/30/2025 13:15					
Chromium VI, Soil		02/05/2025 12:23		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		02/04/2025 08:29		0.30	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature		02/03/2025 15:52		21.9	°C		
pH, Soils		02/03/2025 15:52		7.74	SU	0.01	EPA 9045D
Total Metals, Soils - Arsenic		02/04/2025 10:07	10.00	2.59	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		02/04/2025 10:07	10.00	34.61	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		02/04/2025 10:07	10.00	0.11	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		02/04/2025 10:07	10.00	3.99	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		02/04/2025 10:07	10.00	4.23	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		02/04/2025 10:07	10.00	3.86	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		02/04/2025 10:07	10.00	1.37	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		02/04/2025 10:07	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		02/04/2025 10:07	10.00	14.74	mg/kg	0.025	EPA 6020B
AA17011-1	SP01@6'	Collected : 01/30/2025 13:30					
SAR - Calcium		02/05/2025 10:30	10.00	13.58	mEq/L	0.50	EPA 6020B
SAR - Magnesium		02/05/2025 10:30	10.00	3.48	mEq/L	0.82	EPA 6020B
SAR - Sodium		02/05/2025 10:30	10.00	3.37	mEq/L	0.43	EPA 6020B
SAR - Sodium Adsorption Ratio		02/05/2025 10:30	10.00	1.16	No Unit		EPA 6020B
Soil Conductivity		02/04/2025 17:28		1.68	mmhos/cm	0.0005	USDA 60
AA17011-2	SP01@6'	Collected : 01/30/2025 13:30					
Chromium VI, Soil		02/05/2025 12:23		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		02/04/2025 08:29		0.24	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature		02/03/2025 15:52		21.7	°C		
pH, Soils		02/03/2025 15:52		7.92	SU	0.01	EPA 9045D
Total Metals, Soils - Arsenic		02/04/2025 10:07	10.00	3.78	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		02/04/2025 10:07	10.00	97.02	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		02/04/2025 10:07	10.00	0.13	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		02/04/2025 10:07	10.00	6.29	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		02/04/2025 10:07	10.00	6.58	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		02/04/2025 10:07	10.00	7.83	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		02/04/2025 10:07	10.00	2.19	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		02/04/2025 10:07	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		02/04/2025 10:07	10.00	25.46	mg/kg	0.025	EPA 6020B
AA17011-3	SP01@6'	Collected : 01/30/2025 13:30					
DRO & ORO, Soil - DRO		02/06/2025 10:43		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		02/06/2025 10:43		Not Detected	mg/kg	100.00	EPA 8015D



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Report Date : 2/7/2025

Report Time : 15:04

FINAL RESULTS REPORT

Project Manager: Lauren Glazier

Project Name: Trade Winds 1-28

Project Number: 38457

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Gasoline Range Organics, Soil		02/06/2025	13:12	Not Detected - MS	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene		02/05/2025	13:10	<0.010	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		02/05/2025	13:10	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		02/05/2025	13:10	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		02/05/2025	13:10	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		02/05/2025	13:10	<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		02/05/2025	13:10	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		02/05/2025	13:10	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		02/05/2025	13:10	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		02/05/2025	13:10	<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		02/05/2025	13:10	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		02/05/2025	13:10	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		02/05/2025	13:10	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		02/05/2025	13:10	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		02/05/2025	13:10	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		02/05/2025	13:10	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		02/06/2025	06:27	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		02/06/2025	06:27	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		02/06/2025	06:27	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		02/06/2025	06:27	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		02/06/2025	06:27	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		02/06/2025	06:27	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		02/06/2025	06:27	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		02/06/2025	06:27	<0.0065	mg/kg	0.00654	EPA 8260

AA17012-1	SP02@6'	Collected :	01/30/2025	13:45			
SAR - Calcium		02/05/2025	10:30	10.00	7.42	mEq/L	0.50 EPA 6020B
SAR - Magnesium		02/05/2025	10:30	10.00	2.32	mEq/L	0.82 EPA 6020B
SAR - Sodium		02/05/2025	10:30	10.00	0.49	mEq/L	0.43 EPA 6020B
SAR - Sodium Adsorption Ratio		02/05/2025	10:30	10.00	0.22	No Unit	EPA 6020B
Soil Conductivity		02/04/2025	17:28		0.76	mmhos/cm	0.0005 USDA 60

AA17012-2	SP02@6'	Collected :	01/30/2025	13:45			
Chromium VI, Soil		02/05/2025	12:23		<0.08	mg/kg	0.080 EPA 7199
Hot Water Soluble Boron		02/04/2025	08:29		0.17	mg/kg	0.050 Boron Hot Water Extraction
pH, Soils Temperature		02/03/2025	15:52		21.7	°C	
pH, Soils		02/03/2025	15:52		8.26	SU	0.01 EPA 9045D
Total Metals, Soils - Arsenic		02/04/2025	10:07	10.00	3.51	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Barium		02/04/2025	10:07	10.00	56.82	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Cadmium		02/04/2025	10:07	10.00	0.11	mg/kg	0.001 EPA 6020B
Total Metals, Soils - Copper		02/04/2025	10:07	10.00	4.30	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Lead		02/04/2025	10:07	10.00	4.98	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Nickel		02/04/2025	10:07	10.00	5.83	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Selenium		02/04/2025	10:07	10.00	1.86	mg/kg	0.025 EPA 6020B



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FINAL RESULTS REPORT

Project Manager: Lauren Glazier

Project Name: Trade Winds 1-28

Project Number: 38457

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Silver		02/04/2025 10:07	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		02/04/2025 10:07	10.00	18.56	mg/kg	0.025	EPA 6020B
AA17012-3	SP02@6'	Collected : 01/30/2025 13:45					
DRO & ORO, Soil - DRO		02/06/2025 10:43		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		02/06/2025 10:43		Not Detected	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil		02/07/2025 07:37		Not Detected	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene		02/05/2025 13:10		<0.00313	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		02/05/2025 13:10		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		02/05/2025 13:10		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		02/05/2025 13:10		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		02/05/2025 13:10		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		02/05/2025 13:10		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		02/05/2025 13:10		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		02/05/2025 13:10		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		02/05/2025 13:10		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		02/05/2025 13:10		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		02/05/2025 13:10		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		02/05/2025 13:10		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		02/05/2025 13:10		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		02/05/2025 13:10		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		02/05/2025 13:10		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		02/06/2025 06:27		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		02/06/2025 06:27		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		02/06/2025 06:27		Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		02/06/2025 06:27		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		02/06/2025 06:27		<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		02/06/2025 06:27		<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		02/06/2025 06:27		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		02/06/2025 06:27		<0.0065	mg/kg	0.00654	EPA 8260

AA17017-1	TB05@6'	Collected : 01/30/2025 15:00					
SAR - Calcium		02/05/2025 10:30	10.00	1.03	mEq/L	0.50	EPA 6020B
SAR - Magnesium		02/05/2025 10:30	10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR - Sodium		02/05/2025 10:30	10.00	15.58	mEq/L	0.43	EPA 6020B
SAR - Sodium Adsorption Ratio		02/05/2025 10:30	10.00	19.16	No Unit		EPA 6020B
Soil Conductivity		02/04/2025 17:28		1.15	mmhos/cm	0.0005	USDA 60

AA17017-2	TB05@6'	Collected : 01/30/2025 15:00					
Chromium VI, Soil		02/05/2025 12:23		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		02/04/2025 08:29		0.33	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature		02/03/2025 15:52		21.8	°C		
pH, Soils		02/03/2025 15:52		7.29	SU	0.01	EPA 9045D
Total Metals, Soils - Arsenic		02/04/2025 10:07	10.00	2.90	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		02/04/2025 10:07	10.00	45.99	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 2/7/2025

Report Time : 15:04

FINAL RESULTS REPORT

Project Manager: Lauren Glazier

Project Name: Trade Winds 1-28

Project Number: 38457

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Cadmium		02/04/2025 10:07	10.00	0.06	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		02/04/2025 10:07	10.00	3.64	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		02/04/2025 10:07	10.00	4.05	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		02/04/2025 10:07	10.00	5.34	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		02/04/2025 10:07	10.00	1.28	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		02/04/2025 10:07	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		02/04/2025 10:07	10.00	16.09	mg/kg	0.025	EPA 6020B
AA17017-3	TB05@6'	Collected : 01/30/2025 15:00					
DRO & ORO, Soil - DRO		02/06/2025 10:43		466.26	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		02/06/2025 10:43		280.49	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil		02/07/2025 07:37		Not Detected	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene		02/05/2025 13:10	5.00	0.035 - J	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Acenaphthene		02/05/2025 13:10	5.00	<0.050 - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Anthracene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Benz(a)anthracene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Benzo(a)pyrene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Chrysene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Fluoranthene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Fluorene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
SVOC, Soils - Naphthalene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.0153	EPA 8270
SVOC, Soils - Pyrene		02/05/2025 13:10	5.00	Not Detected - RL1	mg/kg	0.05	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		02/06/2025 09:31		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		02/06/2025 09:31		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		02/06/2025 09:31		Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		02/06/2025 09:31		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		02/06/2025 09:31		<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		02/06/2025 09:31		<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		02/06/2025 09:31		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		02/06/2025 09:31		<0.0065	mg/kg	0.00654	EPA 8260



Division of Environmental Testing

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Report Date : 2/7/2025

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FINAL RESULTS REPORT

Project Manager: Lauren Glazier

Project Name: Trade Winds 1-28

Project Number: 38457

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-6873										
DUP	AA16994	1.95	0.050	mg/kg					11.382	-15 - 15
MB	AA17050	0.01		mg/kg						
LCS	AA17051	1.03		mg/kg	1.00		103	80 - 120		
LCS	AA17052	9.09		mg/kg	9.00		101	80 - 120		
CHROM_VI_SOIL-6875										
DUP	AA16994	<0.08	0.080	mg/kg						
MB	AA17053	0.02		mg/kg						
LCS	AA17055	0.046		mg/kg	0.04		115			
LCS	AA17056	0.043		mg/kg	0.04		108			
ECISOIL_MMHOS-6901										
DUP	AA17008	0.48		mmhos/cm					4.0816	
LCS	AA17109	9.35		mmhos/cm	10.02		93.3			
LCS	AA17110	9.37		mmhos/cm	10.02		93.5			
GRO_SOIL-6894										
DUP	AA17011	1.94	0.26827	mg/kg					6.0000	
Matrix Spike	AA17011	2.06		mg/kg	3.4		60.6			
DUP	AA17041	0.993	0.26827	mg/kg					7.4649	
Matrix Spike	AA17041	1.07		mg/kg	3.40		31.5			
MB	AA17093	<0.27		mg/kg						
LCS	AA17094	2.89		mg/kg	3.40		85.0			
LCS	AA17095	2.87		mg/kg	3.40		84.4			
PH_S-6882										
DUP	AA16994	8.58	0.01	S.U.					0.8191925102	-5 - 5
LCS	AA17073	6.79	0.01	S.U.	6.86		99.0	95 - 105		
LCS	AA17074	6.81	0.01	S.U.	6.86		99.3	95 - 105		



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Project Name: Trade Winds 1-28

Project Number: 38457

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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DRO ORO SOIL-6912

AA17011

Dup	DRO	455.49				Not Detected			27.1	
Dup	ORO	410.36				Not Detected			22.0	
Matrix Spike	DRO	346.92		mg/kg	350.00	Not Detected	99.1			
Matrix Spike	ORO	329.12		mg/kg	350.00	Not Detected	94.0			

AA17041

Dup	DRO	406.33				Not Detected			8.18	
Dup	ORO	363.54				Not Detected			15.8	
Matrix Spike	DRO	374.39		mg/kg	350	Not Detected	107			
Matrix Spike	ORO	426.08		mg/kg	350	Not Detected	122			

AA17139

MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						

AA17140

LCS	DRO	419.89		mg/kg			120			
LCS	ORO	359.61		mg/kg			103			

AA17141

LCS	DRO	433.99		mg/kg			124			
LCS	ORO	411.52		mg/kg			118			

METALS S-6881

AA17032

Dup	Arsenic	6.73	0.025	mg/kg		6.84			1.62	0 - 15
Dup	Barium	225.67	0.025	mg/kg		246.90			8.98	0 - 15
Dup	Cadmium	0.30	0.001	mg/kg		0.26			14.3	0 - 15
Dup	Copper	21.12	0.025	mg/kg		22.18			4.90	0 - 15
Dup	Lead	17.56	0.025	mg/kg		17.33			1.32	0 - 15
Dup	Nickel	20.28	0.025	mg/kg		19.86			2.09	0 - 15
Dup	Selenium	3.23	0.025	mg/kg		3.11			3.79	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	65.63	0.025	mg/kg		60.24			8.56	0 - 15
Matrix Spike	Arsenic	26.30		mg/kg	20	6.84	97.3			
Matrix Spike	Barium	265.02		mg/kg	20	246.90	90.6			
Matrix Spike	Cadmium	18.20		mg/kg	20	0.26	89.7			
Matrix Spike	Copper	39.74		mg/kg	20	22.18	87.8			
Matrix Spike	Lead	37.35		mg/kg	20	17.33	100			
Matrix Spike	Nickel	39.73		mg/kg	20	19.86	99.4			
Matrix Spike	Selenium	25.19		mg/kg	20	3.11	110			
Matrix Spike	Silver	16.93		mg/kg	20	<0.25	84.6			
Matrix Spike	Zinc	81.64		mg/kg	20	60.24	107			

AA17067

MB	Arsenic	0.00		mg/kg						
MB	Barium	0.00		mg/kg						
MB	Cadmium	0.00		mg/kg						
MB	Copper	0.00		mg/kg						
MB	Lead	0.00		mg/kg						



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Project Name: Trade Winds 1-28

Project Number: 38457

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Nickel	0.00		mg/kg						
MB	Selenium	0.00		mg/kg						
MB	Silver	0.00		mg/kg						
MB	Zinc	0.00		mg/kg						

AA17069

LCS	Arsenic	0.09		mg/kg			90.0	80 - 120		
LCS	Barium	0.09		mg/kg			90.0	80 - 120		
LCS	Cadmium	0.09		mg/kg			90.0	80 - 120		
LCS	Copper	0.09		mg/kg			90.0	80 - 120		
LCS	Lead	0.09		mg/kg			90.0	80 - 120		
LCS	Nickel	0.09		mg/kg			90.0	80 - 120		
LCS	Selenium	0.09		mg/kg			90.0	80 - 120		
LCS	Silver	0.09		mg/kg			90.0	80 - 120		
LCS	Zinc	0.09		mg/kg			90.0	80 - 120		

AA17070

LCS	Arsenic	0.09		mg/kg			90.0	80 - 120		
LCS	Barium	0.09		mg/kg			90.0	80 - 120		
LCS	Cadmium	0.09		mg/kg			90.0	80 - 120		
LCS	Copper	0.09		mg/kg			90.0	80 - 120		
LCS	Lead	0.09		mg/kg			90.0	80 - 120		
LCS	Nickel	0.09		mg/kg			90.0	80 - 120		
LCS	Selenium	0.09		mg/kg			90.0	80 - 120		
LCS	Silver	0.09		mg/kg			90.0	80 - 120		
LCS	Zinc	0.09		mg/kg			90.0	80 - 120		

SAR-6917

AA17008

Dup	Calcium	4.51		mEq/L	4.51	4.75			5.18	
Dup	Magnesium	1.03		mEq/L	1.03	1.10			6.57	
Dup	Sodium	<0.43		mEq/L	<0.43	<0.43				
Dup	Sodium Adsorption Ratio	0.11		mEq/L	0.11	0.12			8.70	

AA17156

MB	Calcium	0.00		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.00								

AA17157

LCS	Calcium	10.75		ppm				108		
LCS	Magnesium	11.10		ppm				111		
LCS	Sodium	10.77		ppm				108		
LCS	Sodium Adsorption Ratio	0.55		ppm				102		

AA17158

LCS	Calcium	513.58		ppm				103		
LCS	Magnesium	547.79		ppm				110		
LCS	Sodium	562.49		ppm				112		
LCS	Sodium Adsorption Ratio	4.11		ppm				109		

SVOC_SOIL-6891



Division of Environmental Testing

2115 N Scranton St Suite 3040A

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FINAL RESULTS REPORT

Project Manager: Lauren Glazier

Project Name: Trade Winds 1-28

Project Number: 38457

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
AA17012										
Dup	1-methylnaphthalene	0.323	0.00313	mg/kg		<0.00313			22.4	
Dup	2-methylnaphthalene	0.323	0.010	mg/kg		<0.010			29.9	
Dup	Acenaphthene	0.340	0.010	mg/kg		Not Detected			25.9	
Dup	Anthracene	0.305	0.010	mg/kg		Not Detected			7.13	
Dup	Benz(a)anthracene	0.337	0.010	mg/kg		<0.010			0.297	
Dup	Benzo(a)pyrene	0.290	0.010	mg/kg		Not Detected			0.344	
Dup	Benzo(b)fluoranthene	0.257	0.010	mg/kg		Not Detected			0.775	
Dup	Benzo(k)fluoranthene	0.250	0.010	mg/kg		Not Detected			2.37	
Dup	Chrysene	0.320	0.010	mg/kg		Not Detected			0.312	
Dup	Dibenz(a,h)anthracene	0.335	0.010	mg/kg		Not Detected			<0.010	
Dup	Fluoranthene	0.255	0.010	mg/kg		Not Detected			2.78	
Dup	Fluorene	0.301	0.010	mg/kg		Not Detected			27.2	
Dup	Indeno(1,2,3-cd)pyrene	0.307	0.010	mg/kg		Not Detected			0.972	
Dup	Naphthalene	0.272	0.00306	mg/kg		Not Detected			24.8	
Dup	Pyrene	0.240	0.010	mg/kg		Not Detected			4.69	
Matrix Spike	1-methylnaphthalene	0.258	0.00313	mg/kg	0.300	<0.00313	86.0			
Matrix Spike	2-methylnaphthalene	0.239	0.010	mg/kg	0.300	<0.010	79.7			
Matrix Spike	Acenaphthene	0.262	0.010	mg/kg	0.300	Not Detected	87.3			
Matrix Spike	Anthracene	0.284	0.010	mg/kg	0.300	Not Detected	94.7			
Matrix Spike	Benz(a)anthracene	0.336	0.010	mg/kg	0.300	<0.010	112			
Matrix Spike	Benzo(a)pyrene	0.291	0.010	mg/kg	0.300	Not Detected	97.0			
Matrix Spike	Benzo(b)fluoranthene	0.259	0.010	mg/kg	0.300	Not Detected	86.3			
Matrix Spike	Benzo(k)fluoranthene	0.256	0.010	mg/kg	0.300	Not Detected	85.3			
Matrix Spike	Chrysene	0.321	0.010	mg/kg	0.300	Not Detected	107			
Matrix Spike	Dibenz(a,h)anthracene	0.335	0.010	mg/kg	0.300	Not Detected	112			
Matrix Spike	Fluoranthene	0.248	0.010	mg/kg	0.300	Not Detected	82.7			
Matrix Spike	Fluorene	0.229	0.010	mg/kg	0.300	Not Detected	76.3			
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.310	0.010	mg/kg	0.300	Not Detected	103			
Matrix Spike	Naphthalene	0.212	0.00306	mg/kg	0.300	Not Detected	70.7			
Matrix Spike	Pyrene	0.229	0.010	mg/kg	0.300	Not Detected	76.3			
AA17090										
MB	1-methylnaphthalene	Not Detected	0.00313	mg/kg						
MB	2-methylnaphthalene	<0.010	0.010	mg/kg						
MB	Acenaphthene	Not Detected	0.010	mg/kg						
MB	Anthracene	Not Detected	0.010	mg/kg						
MB	Benz(a)anthracene	<0.010	0.010	mg/kg						
MB	Benzo(a)pyrene	Not Detected	0.010	mg/kg						
MB	Benzo(b)fluoranthene	Not Detected	0.010	mg/kg						
MB	Benzo(k)fluoranthene	Not Detected	0.010	mg/kg						
MB	Chrysene	<0.010	0.010	mg/kg						
MB	Dibenz(a,h)anthracene	Not Detected	0.010	mg/kg						
MB	Fluoranthene	Not Detected	0.010	mg/kg						
MB	Fluorene	Not Detected	0.010	mg/kg						
MB	Indeno(1,2,3-cd)pyrene	Not Detected	0.010	mg/kg						
MB	Naphthalene	Not Detected	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Lauren Glazier

Project Name: Trade Winds 1-28

Project Number: 38457

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
AA17091										
LCS	1-methylnaphthalene	0.297	0.00313	mg/kg			99.0			
LCS	2-methylnaphthalene	0.286	0.010	mg/kg			95.3			
LCS	Acenaphthene	0.313	0.010	mg/kg			104			
LCS	Anthracene	0.288	0.010	mg/kg			96.0			
LCS	Benz(a)anthracene	0.328	0.010	mg/kg			109			
LCS	Benzo(a)pyrene	0.281	0.010	mg/kg			93.7			
LCS	Benzo(b)fluoranthene	0.261	0.010	mg/kg			87.0			
LCS	Benzo(k)fluoranthene	0.257	0.010	mg/kg			85.7			
LCS	Chrysene	0.318	0.010	mg/kg			106			
LCS	Dibenz(a,h)anthracene	0.303	0.010	mg/kg			101			
LCS	Fluoranthene	0.249	0.010	mg/kg			83.0			
LCS	Fluorene	0.258	0.010	mg/kg			86.0			
LCS	Indeno(1,2,3-cd)pyrene	0.287	0.010	mg/kg			95.7			
LCS	Naphthalene	0.248	0.00306	mg/kg			82.7			
LCS	Pyrene	0.236	0.010	mg/kg			78.7			
AA17092										
LCS	1-methylnaphthalene	0.327	0.00313	mg/kg			109			
LCS	2-methylnaphthalene	0.342	0.010	mg/kg			114			
LCS	Acenaphthene	0.349	0.010	mg/kg			116			
LCS	Anthracene	0.293	0.010	mg/kg			97.7			
LCS	Benz(a)anthracene	0.343	0.010	mg/kg			114			
LCS	Benzo(a)pyrene	0.304	0.010	mg/kg			101			
LCS	Benzo(b)fluoranthene	0.272	0.010	mg/kg			90.7			
LCS	Benzo(k)fluoranthene	0.259	0.010	mg/kg			86.3			
LCS	Chrysene	0.328	0.010	mg/kg			109			
LCS	Dibenz(a,h)anthracene	0.311	0.010	mg/kg			104			
LCS	Fluoranthene	0.252	0.010	mg/kg			84.0			
LCS	Fluorene	0.306	0.010	mg/kg			102			
LCS	Indeno(1,2,3-cd)pyrene	0.292	0.010	mg/kg			97.3			
LCS	Naphthalene	0.282	0.00306	mg/kg			94.0			
LCS	Pyrene	0.251	0.010	mg/kg			83.7			

VOC S-6898

AA17011

Dup	1,2,4-trimethylbenzene	0.031		mg/kg		<0.0025			12.1
Dup	1,3,5-trimethylbenzene	0.031		mg/kg		<0.0050			14.9
Dup	Benzene	0.033		mg/kg		Not Detected			21.6
Dup	Ethylbenzene	0.036		mg/kg		<0.0050			13.0
Dup	m&p- xylene	0.070		mg/kg		<0.0043			13.3
Dup	o-xylene	0.035		mg/kg		<0.0023			13.3
Dup	Toluene	0.037		mg/kg		<0.0026			12.7
Dup	Xylenes, total	0.105		mg/kg		<0.0065			13.3
Matrix Spike	1,2,4-trimethylbenzene	0.035		mg/kg	0.050	<0.0025	70.0		
Matrix Spike	1,3,5-trimethylbenzene	0.036		mg/kg	0.050	<0.0050	72.0		
Matrix Spike	Benzene	0.041		mg/kg	0.050	Not Detected	82.0		
Matrix Spike	Ethylbenzene	0.041		mg/kg	0.050	<0.0050	82.0		



Division of Environmental Testing

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Project Manager: Lauren Glazier

Project Name: Trade Winds 1-28

Project Number: 38457

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	m&p- xylene	0.080		mg/kg	0.100	<0.0043	80.0			
Matrix Spike	o-xylene	0.040		mg/kg	0.050	<0.0023	80.0			
Matrix Spike	Toluene	0.042		mg/kg	0.050	<0.0026	84.0			
Matrix Spike	Xylenes, total	0.120		mg/kg	0.150	<0.0065	80.0			

AA17041

Dup	1,2,4-trimethylbenzene	0.0087		mg/kg		<0.0025			4.71	
Dup	1,3,5-trimethylbenzene	0.014		mg/kg		<0.0050			<%MDL%	
Dup	Benzene	0.031		mg/kg		Not Detected			9.23	
Dup	Ethylbenzene	0.021		mg/kg		<0.0050			4.65	
Dup	m&p- xylene	0.032		mg/kg		<0.0043			<%MDL%	
Dup	o-xylene	0.018		mg/kg		<0.0023			10.5	
Dup	Toluene	0.029		mg/kg		<0.0026			<%MDL%	
Dup	Xylenes, total	0.050		mg/kg		<0.0065			3.92	
Matrix Spike	1,2,4-trimethylbenzene	0.0083		mg/kg	0.050	<0.0025	16.6			
Matrix Spike	1,3,5-trimethylbenzene	0.014		mg/kg	0.050	<0.0050	28.0			
Matrix Spike	Benzene	0.034		mg/kg	0.050	Not Detected	68.0			
Matrix Spike	Ethylbenzene	0.022		mg/kg	0.050	<0.0050	44.0			
Matrix Spike	m&p- xylene	0.032		mg/kg	0.100	<0.0043	32.0			
Matrix Spike	o-xylene	0.020		mg/kg	0.050	<0.0023	40.0			
Matrix Spike	Toluene	0.029		mg/kg	0.050	<0.0026	58.0			
Matrix Spike	Xylenes, total	0.052		mg/kg	0.150	<0.0065	34.7			

AA17099

MB	1,2,4-trimethylbenzene	<0.0025		mg/kg						
MB	1,3,5-trimethylbenzene	Not Detected		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	<0.0050		mg/kg						
MB	m&p- xylene	<0.0043		mg/kg						
MB	Naphthalene	<0.0051		mg/kg						
MB	o-xylene	<0.0023		mg/kg						
MB	Toluene	<0.0026		mg/kg						
MB	Xylenes, total	<0.0065		mg/kg						

AA17100

LCS	1,2,4-trimethylbenzene	0.045		mg/kg			90.0			
LCS	1,3,5-trimethylbenzene	0.043		mg/kg			86.0			
LCS	Benzene	0.041		mg/kg			82.0			
LCS	Ethylbenzene	0.044		mg/kg			88.0			
LCS	m&p- xylene	0.088		mg/kg			88.0			
LCS	Naphthalene	0.043		mg/kg			86.0			
LCS	o-xylene	0.045		mg/kg			90.0			
LCS	Toluene	0.043		mg/kg			86.0			
LCS	Xylenes, total	0.133		mg/kg			88.7			

AA17101

LCS	1,2,4-trimethylbenzene	0.046		mg/kg			92.0			
LCS	1,3,5-trimethylbenzene	0.044		mg/kg			88.0			
LCS	Benzene	0.037		mg/kg			74.0			
LCS	Ethylbenzene	0.044		mg/kg			88.0			



Division of Environmental Testing

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FINAL RESULTS REPORT

Report Date : 2/7/2025

Report Time : 15:04

Project Manager: Lauren Glazier

Project Name: Trade Winds 1-28

Project Number: 38457

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	m&p- xylene	0.089		mg/kg			89.0			
LCS	Naphthalene	0.046		mg/kg			92.0			
LCS	o-xylene	0.045		mg/kg			90.0			
LCS	Toluene	0.044		mg/kg			88.0			
LCS	Xylenes, total	0.134		mg/kg			89.3			

Qualifier

Explanation

- H1 Sample received outside of regulatory holding time.
- H2 Sample analyzed outside of regulatory holding time due to a laboratory error.
- P1 Sample received outside temperature requirements, 0-6°C.
- P2 Sample received unpreserved.
- P3 Broken or leaking sample container.
- P4 Sample improperly collected
- P5 Sample incorrectly preserved
- B1 Blank failed high, indicating possible high bias in sample results.
- B2 Blank failed low, indicating possible low bias in sample results.
- MS Matrix Spike / Matrix Spike Duplicate recovery and/or RPD limit exceeded, indicating potential matrix interference.
- D1 Duplicate RPD limit exceeded due to low sample concentration.
- D2 Duplicate RPD limit exceeded due to matrix interference.
- S Surrogate recovery failed, indicating potential matrix interference.
- RL1 Reporting limits raised due to matrix interference.
- RL2 Reporting limits raised due to limited sample.
- U Sample result less than method detection limit.
- J Sample result less than reporting limit but higher than method detection limit.
- E Electronic loss or corruption of data.
- I Subcontracted sample