



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

December 26, 2025

155 E. Boardwalk Dr Ste 400
Fort Collins, CO 80525
303-915-9074
ryan@petersonenergyoperating.com

Project Manager : Ryan Dornbos
Project Name : Morales 32 WH/FL
Project Number : N/A

Attached are the analytical results for Morales 32 WH/FL N/A received by Elevation Diagnostics, Division of Environmental Testing on November 10, 2025. This is associated with Elevation's number AA36502 .

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: BLUE CHIP OIL
 Address: _____
 City/State/ZIP: _____
 Phone: 303 915 9074
 Project Contact: RYAN@PEOPERATING.COM

Project Name/Number: MORALES 32 WH/FL
 Project Location: 13 + 36
 Collector Name: RYAN DORNBS

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested	Interim report requested <input type="checkbox"/> Yes <input type="checkbox"/> No	
					HCl	HNO ₃	None	Other	Water	Soil	Other			
1	M-32 FL7 @ 4'	11/6/25	1442	3			X			X				
2	M-32 FL @ SEP @ 4'	11/6/25	1505	3			X			X				
3	M-32 WH/R @ 4.5'	11/10/25	1249	3			X			X				
4	32 W/F W @ 3'		1250	3			X			X				
5	32 W/F N @ 3'		1251	3			X			X				
6	32 W/F E @ 3'		1252	3			X			X				
7	32 W/F S @ 3'		1253	3			X			X				
8														
9														
10														

NICK@BLUECHIPOIL.COM

ECMC 915



HOLD
HOLD
HOLD
HOLD

Relinquished By: RYAN DORNBS
 Date/Time: 11/10/25 1446

Relinquished By: _____
 Date/Time: _____

Relinquished By: _____
 Date/Time: _____

Scan to Deliver Samples

Lab Use Only
 Observed Temperature Upon Receipt: 3.4°C
 Corrected Temperature Upon Receipt: 3.1°C
 Thermometer #: EDX EQ 351
 Correction Factor: -0.3°C DJ²

Samples Intact: Yes No
 pH Checked: Yes No
 pH Adjusted: Yes No
 PFAS rec'd on ice: Yes No
 Name/Lot Number of Adjustment: NA

2025-11-10-016
 Lot/EQM Number: NA

AN



EFOR-008.005



Division of Environmental Testing

2115 N Scranton St Suite 3040A
Aurora, CO 80045
800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	RL	Method Ref.
Analyte Name		Result Date/Time					Recovery
AA36502-1	M-32 FL7@4'	Collected : 11/06/2025	14:42				
EC & pH soil by saturated paste - EC, soil		11/11/2025	14:52	6.16	mmhos/cm	0.0005	USDA 60/EPA 9045D
EC & pH soil by saturated paste - pH soil Temperature		11/11/2025	14:52	20.60	°C		USDA 60/EPA 9045D
EC & pH soil by saturated paste - pH, soil		11/11/2025	14:52	7.93	SU	0.01	USDA 60/EPA 9045D
SAR Saturated Paste - Calcium		11/12/2025	10:47 10.00	26.88	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		11/12/2025	10:47 10.00	40.89	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		11/12/2025	10:47 10.00	31.67	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		11/12/2025	10:47 10.00	5.44	No Unit		EPA 6020B
AA36502-2	M-32 FL7@4'	Collected : 11/06/2025	14:42				
Chromium VI, Soil		11/14/2025	12:34	0.09	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		11/14/2025	11:14	0.61	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		11/13/2025	10:05 10.00	4.81	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		11/13/2025	10:05 10.00	140.02	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		11/13/2025	10:05 10.00	0.23	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		11/13/2025	10:05 10.00	12.16	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		11/13/2025	10:05 10.00	11.73	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		11/13/2025	10:05 10.00	13.29	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		11/13/2025	10:05 10.00	3.12	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		11/13/2025	10:05 10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		11/13/2025	10:05 10.00	54.54	mg/kg	0.025	EPA 6020B
AA36502-3	M-32 FL7@4'	Collected : 11/06/2025	14:42				
DRO & ORO, Soil - DRO		11/17/2025	16:22	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		11/17/2025	16:22	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		11/18/2025	12:52	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		11/18/2025	12:52	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		11/18/2025	12:52	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		11/14/2025	09:19	<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		11/14/2025	09:19	<0.0015	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		11/14/2025	09:19	<0.0015	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		11/14/2025	09:19	<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		11/14/2025	09:19	Not Detected	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		11/14/2025	09:19	<0.0029	mg/kg	0.0029	EPA 8260d



Division of Environmental Testing

2115 N Scranton St Suite 3040A
 Aurora, CO 80045
 800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	RL	Method Ref.
Analyte Name	Result Date/Time	Recovery					
VOC, Soils - o-xylene		11/14/2025 09:19		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		11/14/2025 09:19		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		11/14/2025 09:19		<0.0043	mg/kg	0.0043	EPA 8260d

AA36503-1 M-32 FL@SEP@4' **Collected :** 11/06/2025 15:05

EC & pH soil by saturated paste - EC, soil	11/11/2025	14:46		0.37	mmhos/cm	0.0005	USDA 60/EPA 9045D
EC & pH soil by saturated paste - pH soil Temperature	11/11/2025	14:46		19.60	°C		USDA 60/EPA 9045D
EC & pH soil by saturated paste - pH, soil	11/11/2025	14:46		8.21	SU	0.01	USDA 60/EPA 9045D
SAR Saturated Paste - Calcium	11/12/2025	10:47	10.00	1.92	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	11/12/2025	10:47	10.00	1.32	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	11/12/2025	10:47	10.00	0.70	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	11/12/2025	10:47	10.00	0.55	No Unit		EPA 6020B

AA36503-2 M-32 FL@SEP@4' **Collected :** 11/06/2025 15:05

Chromium VI, Soil	11/14/2025	12:34		0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	11/14/2025	11:14		0.17	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	11/13/2025	10:05	10.00	5.14	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	11/13/2025	10:05	10.00	140.57	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	11/13/2025	10:05	10.00	0.16	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	11/13/2025	10:05	10.00	8.97	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	11/13/2025	10:05	10.00	9.01	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	11/13/2025	10:05	10.00	10.24	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	11/13/2025	10:05	10.00	2.42	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	11/13/2025	10:05	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	11/13/2025	10:05	10.00	40.84	mg/kg	0.025	EPA 6020B

AA36503-3 M-32 FL@SEP@4' **Collected :** 11/06/2025 15:05

DRO & ORO, Soil - DRO	11/17/2025	16:22		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	11/17/2025	16:22		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	11/18/2025	12:52		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	11/18/2025	12:52		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	11/18/2025	12:52		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene	11/14/2025	09:19		<0.0016	mg/kg	0.0016	EPA 8260d



Division of Environmental Testing

2115 N Scranton St Suite 3040A
 Aurora, CO 80045
 800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	RL	Method Ref.
Analyte Name	Result Date/Time	Recovery					
VOC, Soils - 1,3,5-trimethylbenzene		11/14/2025 09:19		<0.0015	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		11/14/2025 09:19		Not Detected	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		11/14/2025 09:19		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		11/14/2025 09:19		Not Detected	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		11/14/2025 09:19		<0.0029	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene		11/14/2025 09:19		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		11/14/2025 09:19		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		11/14/2025 09:19		<0.0043	mg/kg	0.0043	EPA 8260d

AA36504-1 M-32 WH/FL@4.5'

Collected : 11/10/2025 12:49

EC & pH soil by saturated paste - EC, soil	11/11/2025 14:46			5.88	mmhos/cm	0.0005	USDA 60/EPA 9045D
EC & pH soil by saturated paste - pH soil Temperature	11/11/2025 14:46			19.50	°C		USDA 60/EPA 9045D
EC & pH soil by saturated paste - pH, soil	11/11/2025 14:46			7.69	SU	0.01	USDA 60/EPA 9045D
SAR Saturated Paste - Calcium	11/12/2025 10:47	10.00		23.74	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	11/12/2025 10:47	10.00		17.21	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	11/12/2025 10:47	10.00		21.89	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	11/12/2025 10:47	10.00		4.84	No Unit		EPA 6020B

AA36504-2 M-32 WH/FL@4.5'

Collected : 11/10/2025 12:49

Chromium VI, Soil	11/14/2025 12:34			0.16	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	11/14/2025 11:14			0.48	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	11/13/2025 10:05	10.00		5.46	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	11/13/2025 10:05	10.00		129.11	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	11/13/2025 10:05	10.00		0.26	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	11/13/2025 10:05	10.00		13.06	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	11/13/2025 10:05	10.00		14.64	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	11/13/2025 10:05	10.00		12.96	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	11/13/2025 10:05	10.00		3.05	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	11/13/2025 10:05	10.00		<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	11/13/2025 10:05	10.00		53.88	mg/kg	0.025	EPA 6020B

AA36504-3 M-32 WH/FL@4.5'

Collected : 11/10/2025 12:49

DRO & ORO, Soil - DRO	11/17/2025 16:22			Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	11/17/2025 16:22			Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	11/18/2025 12:52			<0.00313	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	11/18/2025 12:52			<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	11/18/2025 12:52			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	11/18/2025 12:52			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	11/18/2025 12:52			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	11/18/2025 12:52			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	11/18/2025 12:52			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	11/18/2025 12:52			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	11/18/2025 12:52			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	11/18/2025 12:52			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	11/18/2025 12:52			Not Detected	mg/kg	0.010	EPA 8270



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	RL	Method Ref.
Analyte Name	Result Date/Time	Recovery					
SVOC, Soils - Fluorene		11/18/2025 12:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		11/18/2025 12:52		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		11/18/2025 12:52		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		11/18/2025 12:52		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		11/14/2025 09:19		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		11/14/2025 09:19		<0.0015	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		11/14/2025 09:19		Not Detected	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		11/14/2025 09:19		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		11/14/2025 09:19		Not Detected	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		11/14/2025 09:19		<0.0029	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene		11/14/2025 09:19		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		11/14/2025 09:19		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		11/14/2025 09:19		<0.0043	mg/kg	0.0043	EPA 8260d



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-13094										
DUP	AA36502	0.62	0.050	mg/kg					1.6	-15 - 15
MB	AA36834	0.01		mg/kg						
LCS	AA36835	1.03		mg/kg	1.00		103	80 - 120		
LCS	AA36836	8.93		mg/kg	9.00		99.2	80 - 120		
CHROM_VI_SOIL-13076										
DUP	AA36754	0.19	0.080	mg/kg					17.143	- 20
MB	AA36760	0.04		mg/kg						
LCS	AA36762	1.71		mg/kg	1.57		109	80 - 120		
LCS	AA36763	1.65		mg/kg	1.57		105	80 - 120		



Division of Environmental Testing

2115 N Scranton St Suite 3040A
 Aurora, CO 80045
 800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO ORO SOIL-13104										
AA36487										
Dup	DRO	358.02				<100.00			1.04	- 30
Dup	ORO	368.77				<100.00			2.65	- 50
Matrix Spike	DRO	354.30		mg/kg	350	<100.00	101	70 - 130		
Matrix Spike	ORO	378.69		mg/kg	350	<100.00	108	50 - 150		
AA36868										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA36869										
LCS	DRO	396.22		mg/kg			113	70 - 130		
LCS	ORO	384.55		mg/kg			110	50 - 150		
AA36870										
LCS	DRO	398.11		mg/kg			114	70 - 130		
LCS	ORO	372.63		mg/kg			106	50 - 150		
EC PH-13009										
AA36487										
Dup	EC, soil	0.47	0.0005	mmhos/cm		0.47			<%MDL%	- 5
Dup	pH soil Temperature	20.10		°C		20.30				
Dup	pH, soil	8.46	0.01	SU		8.56			1.18	- 5
AA36543										
LCS	EC, soil	9.23	0.0005	mmhos/cm			92.3	85 - 115		
LCS	pH, soil	6.87	0.01	SU			100	85 - 115		
AA36544										
LCS	EC, soil	9.21	0.0005	mmhos/cm			92.1	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		
EC PH-13016										
AA36515										
Dup	EC, soil	0.76	0.0005	mmhos/cm		0.75			1.32	- 5
Dup	pH soil Temperature	20.20		°C		19.50				
Dup	pH, soil	8.09	0.01	SU		8.09			<%MDL%	- 5
AA36558										
LCS	EC, soil	9.23	0.0005	mmhos/cm			92.3	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		
AA36559										
LCS	EC, soil	9.75	0.0005	mmhos/cm			97.5	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		
METALS S-13033										
AA36484										
Dup	Arsenic	20.82	0.025	mg/kg		18.76			10.4	0 - 15
Dup	Barium	425.35	0.025	mg/kg		411.76			3.25	0 - 15
Dup	Cadmium	0.38	0.001	mg/kg		0.41			7.59	0 - 15
Dup	Copper	25.82	0.025	mg/kg		26.04			0.848	0 - 15
Dup	Lead	18.56	0.025	mg/kg		17.36			6.68	0 - 15
Dup	Nickel	13.42	0.025	mg/kg		13.04			2.87	0 - 15



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Selenium	3.88	0.025	mg/kg		3.48			10.9	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	47.95	0.025	mg/kg		46.03			4.09	0 - 15
Matrix Spike	Arsenic	41.75		mg/kg	20	18.76	115	80 - 120		
Matrix Spike	Barium	539.85		mg/kg	200	411.76	64.0	80 - 120		
Matrix Spike	Cadmium	19.54		mg/kg	20	0.41	95.6	80 - 120		
Matrix Spike	Copper	46.99		mg/kg	20	26.04	105	80 - 120		
Matrix Spike	Lead	37.95		mg/kg	20	17.36	103	80 - 120		
Matrix Spike	Nickel	33.73		mg/kg	20	13.04	103	80 - 120		
Matrix Spike	Selenium	23.41		mg/kg	20	3.48	99.6	80 - 120		
Matrix Spike	Silver	17.17		mg/kg	20	<0.25	85.8	80 - 120		
Matrix Spike	Zinc	64.68		mg/kg	20	46.03	93.2	80 - 120		

AA36522

Dup	Arsenic	5.37	0.025	mg/kg		5.96			10.4	0 - 15
Dup	Barium	183.52	0.025	mg/kg		200.80			8.99	0 - 15
Dup	Cadmium	0.18	0.001	mg/kg		0.20			10.5	0 - 15
Dup	Copper	10.42	0.025	mg/kg		11.47			9.59	0 - 15
Dup	Lead	10.75	0.025	mg/kg		11.61			7.69	0 - 15
Dup	Nickel	12.70	0.025	mg/kg		14.09			10.4	0 - 15
Dup	Selenium	2.95	0.025	mg/kg		3.10			4.96	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	47.40	0.025	mg/kg		52.51			10.2	0 - 15
Matrix Spike	Arsenic	23.83		mg/kg	20	5.96	89.4	80 - 120		
Matrix Spike	Barium	221.99		mg/kg	20	200.80	106	80 - 120		
Matrix Spike	Cadmium	19.12		mg/kg	20	0.20	94.6	80 - 120		
Matrix Spike	Copper	27.63		mg/kg	20	11.47	80.8	80 - 120		
Matrix Spike	Lead	30.96		mg/kg	20	11.61	96.8	80 - 120		
Matrix Spike	Nickel	30.82		mg/kg	20	14.09	83.6	80 - 120		
Matrix Spike	Selenium	22.68		mg/kg	20	3.10	97.9	80 - 120		
Matrix Spike	Silver	16.82		mg/kg	20	<0.25	84.1	80 - 120		
Matrix Spike	Zinc	70.61		mg/kg	20	52.51	90.5	80 - 120		

AA36682

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						
MB	Nickel	0.00		mg/kg						
MB	Selenium	0.00		mg/kg						
MB	Silver	0.00		mg/kg						
MB	Zinc	0.00		mg/kg						

AA36684

LCS	Arsenic	0.10		mg/kg			100	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.10		mg/kg			100	80 - 120		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.10		mg/kg			100	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA36685

LCS	Arsenic	0.10		mg/kg			100	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.10		mg/kg			100	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.09		mg/kg			90.0	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

SAR-13010

AA36487

Dup	Calcium	1.60		mEq/L	6.45	1.50			6.45	- 20
Dup	Magnesium	1.58		mEq/L	6.54	1.48			6.54	- 20
Dup	Sodium	1.34		mEq/L	3.80	1.29			3.80	- 20
Dup	Sodium Adsorption Ratio	1.06		mEq/L	<%MDL%	1.06			<%MDL%	- 20

AA36515

Dup	Calcium	4.35		mEq/L	4.35	4.03			7.64	- 20
Dup	Magnesium	2.62		mEq/L	2.62	2.41			8.35	- 20
Dup	Sodium	1.27		mEq/L	1.27	1.20			5.67	- 20
Dup	Sodium Adsorption Ratio	0.68		mEq/L	0.68	0.67			1.48	- 20

AA36545

MB	Calcium	0.00		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.01								

AA36546

LCS	Calcium	10.73		ppm			107	80 - 120		
LCS	Magnesium	10.88		ppm			109	80 - 120		
LCS	Sodium	10.64		ppm			106	80 - 120		
LCS	Sodium Adsorption Ratio	0.55		ppm			102	80 - 120		

AA36547

LCS	Calcium	496.75		ppm			99.4	80 - 120		
LCS	Magnesium	523.90		ppm			105	80 - 120		
LCS	Sodium	529.37		ppm			106	80 - 120		
LCS	Sodium Adsorption Ratio	3.95		ppm			104	80 - 120		

SVOC_SOIL-13084

AA36529

Dup	1-methylnaphthalene	0.331	0.00313	mg/kg		Not Detected			17.8	- 30
Dup	2-methylnaphthalene	0.286	0.010	mg/kg		Not Detected			16.7	- 30
Dup	Acenaphthene	0.332	0.010	mg/kg		Not Detected			17.0	- 30



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Anthracene	0.330	0.010	mg/kg		Not Detected			7.58	- 30
Dup	Benz(a)anthracene	0.378	0.010	mg/kg		Not Detected			4.60	- 30
Dup	Benzo(a)pyrene	0.312	0.010	mg/kg		Not Detected			3.46	- 30
Dup	Benzo(b)fluoranthene	0.304	0.010	mg/kg		Not Detected			1.99	- 30
Dup	Benzo(k)fluoranthene	0.271	0.010	mg/kg		Not Detected			1.83	- 30
Dup	Chrysene	0.343	0.010	mg/kg		Not Detected			3.26	- 30
Dup	Dibenz(a,h)anthracene	0.343	0.010	mg/kg		Not Detected			0.878	- 30
Dup	Fluoranthene	0.385	0.010	mg/kg		Not Detected			6.16	- 30
Dup	Fluorene	0.277	0.010	mg/kg		Not Detected			15.6	- 30
Dup	Indeno(1,2,3-cd)pyrene	0.342	0.010	mg/kg		Not Detected			5.41	- 30
Dup	Naphthalene	0.308	0.00306	mg/kg		Not Detected			15.0	- 30
Dup	Pyrene	0.401	0.010	mg/kg		Not Detected			3.04	- 30
Matrix Spike	1-methylnaphthalene	0.277	0.00313	mg/kg	0.300	Not Detected	92.3	70 - 130		
Matrix Spike	2-methylnaphthalene	0.242	0.010	mg/kg	0.300	Not Detected	80.7	70 - 130		
Matrix Spike	Acenaphthene	0.280	0.010	mg/kg	0.300	Not Detected	93.3	70 - 130		
Matrix Spike	Anthracene	0.356	0.010	mg/kg	0.300	Not Detected	119	70 - 130		
Matrix Spike	Benz(a)anthracene	0.361	0.010	mg/kg	0.300	Not Detected	120	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.323	0.010	mg/kg	0.300	Not Detected	108	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.298	0.010	mg/kg	0.300	Not Detected	99.3	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.276	0.010	mg/kg	0.300	Not Detected	92.0	70 - 130		
Matrix Spike	Chrysene	0.332	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.340	0.010	mg/kg	0.300	Not Detected	113	70 - 130		
Matrix Spike	Fluoranthene	0.362	0.010	mg/kg	0.300	Not Detected	121	70 - 130		
Matrix Spike	Fluorene	0.237	0.010	mg/kg	0.300	Not Detected	79.0	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.361	0.010	mg/kg	0.300	Not Detected	120	70 - 130		
Matrix Spike	Naphthalene	0.265	0.00306	mg/kg	0.300	Not Detected	88.3	70 - 130		
Matrix Spike	Pyrene	0.389	0.010	mg/kg	0.300	Not Detected	130	70 - 130		

AA36805

MB	1-methylnaphthalene	Not Detected	0.00313	mg/kg						
MB	2-methylnaphthalene	Not Detected	0.010	mg/kg						
MB	Acenaphthene	Not Detected	0.010	mg/kg						
MB	Anthracene	Not Detected	0.010	mg/kg						
MB	Benz(a)anthracene	Not Detected	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	Not Detected	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						

AA36806

LCS	1-methylnaphthalene	0.312	0.00313	mg/kg			104	70 - 130		
LCS	2-methylnaphthalene	0.267	0.010	mg/kg			89.0	70 - 130		
LCS	Acenaphthene	0.312	0.010	mg/kg			104	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Anthracene	0.352	0.010	mg/kg			117	70 - 130		
LCS	Benz(a)anthracene	0.368	0.010	mg/kg			123	70 - 130		
LCS	Benzo(a)pyrene	0.334	0.010	mg/kg			111	70 - 130		
LCS	Benzo(b)fluoranthene	0.300	0.010	mg/kg			100	70 - 130		
LCS	Benzo(k)fluoranthene	0.280	0.010	mg/kg			93.3	70 - 130		
LCS	Chrysene	0.341	0.010	mg/kg			114	70 - 130		
LCS	Dibenz(a,h)anthracene	0.358	0.010	mg/kg			119	70 - 130		
LCS	Fluoranthene	0.377	0.010	mg/kg			126	70 - 130		
LCS	Fluorene	0.274	0.010	mg/kg			91.3	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.278	0.010	mg/kg			92.7	70 - 130		
LCS	Naphthalene	0.288	0.00306	mg/kg			96.0	70 - 130		
LCS	Pyrene	0.385	0.010	mg/kg			128	70 - 130		

AA36807

LCS	1-methylnaphthalene	0.267	0.00313	mg/kg			89.0	70 - 130		
LCS	2-methylnaphthalene	0.242	0.010	mg/kg			80.7	70 - 130		
LCS	Acenaphthene	0.296	0.010	mg/kg			98.7	70 - 130		
LCS	Anthracene	0.352	0.010	mg/kg			117	70 - 130		
LCS	Benz(a)anthracene	0.353	0.010	mg/kg			118	70 - 130		
LCS	Benzo(a)pyrene	0.329	0.010	mg/kg			110	70 - 130		
LCS	Benzo(b)fluoranthene	0.305	0.010	mg/kg			102	70 - 130		
LCS	Benzo(k)fluoranthene	0.273	0.010	mg/kg			91.0	70 - 130		
LCS	Chrysene	0.330	0.010	mg/kg			110	70 - 130		
LCS	Dibenz(a,h)anthracene	0.354	0.010	mg/kg			118	70 - 130		
LCS	Fluoranthene	0.375	0.010	mg/kg			125	70 - 130		
LCS	Fluorene	0.241	0.010	mg/kg			80.3	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.262	0.010	mg/kg			87.3	70 - 130		
LCS	Naphthalene	0.252	0.00306	mg/kg			84.0	70 - 130		
LCS	Pyrene	0.377	0.010	mg/kg			126	70 - 130		

VOC S-13067

AA36483

Dup	1,2,4-trimethylbenzene	<0.0016	0.0016	mg/kg		<0.0016				
Dup	1,3,5-trimethylbenzene	0.0070	0.0015	mg/kg		<0.0015		13.3		- 30
Dup	Benzene	0.022	0.0015	mg/kg		<0.0015		24.0		- 30
Dup	Ethylbenzene	0.013	0.0014	mg/kg		<0.0014		7.41		- 30
Dup	Gasoline Range Organics	0.928	0.223	mg/kg		Not Detected		9.45		
Dup	m&p- xylene	0.0060	0.0029	mg/kg		<0.0029		58.8		- 30
Dup	o-xylene	0.011	0.0014	mg/kg		<0.0014		<%MDL%		- 30
Dup	Toluene	0.017	0.0016	mg/kg		<0.0016		16.2		- 30
Dup	Xylenes, total	0.017	0.0043	mg/kg		<0.0043		25.6		- 30
Matrix Spike	1,2,4-trimethylbenzene	<0.0016		mg/kg	0.050	<0.0016				
Matrix Spike	1,3,5-trimethylbenzene	0.0080		mg/kg	0.050	<0.0015	16.0	70 - 130		
Matrix Spike	Benzene	0.028		mg/kg	0.050	<0.0015	56.0	70 - 130		
Matrix Spike	Ethylbenzene	0.014		mg/kg	0.050	<0.0014	28.0	70 - 130		
Matrix Spike	Gasoline Range Organics	0.92		mg/kg	2.54	Not Detected	40.2			
Matrix Spike	m&p- xylene	0.011		mg/kg	0.100	<0.0029	11.0	70 - 130		
Matrix Spike	o-xylene	0.011		mg/kg	0.050	<0.0014	22.0	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Toluene	0.020		mg/kg	0.050	<0.0016	40.0	70 - 130		
Matrix Spike	Xylenes, total	0.022		mg/kg	0.150	<0.0043	14.7	70 - 130		

AA36744

MB	1,2,4-trimethylbenzene	<0.0016		mg/kg						
MB	1,3,5-trimethylbenzene	<0.0015		mg/kg						
MB	Benzene	<0.0015		mg/kg						
MB	Ethylbenzene	<0.0014		mg/kg						
MB	Gasoline Range Organics	Not Detected		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	Naphthalene	<0.0012		mg/kg						
MB	o-xylene	<0.0014		mg/kg						
MB	Toluene	<0.0016		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						

AA36745

LCS	1,2,4-trimethylbenzene	0.059		mg/kg			118	70 - 130		
LCS	1,3,5-trimethylbenzene	0.058		mg/kg			116	70 - 130		
LCS	Benzene	0.062		mg/kg			124	70 - 130		
LCS	Ethylbenzene	0.057		mg/kg			114	70 - 130		
LCS	Gasoline Range Organics	0.23		mg/kg			127			
LCS	m&p- xylene	0.119		mg/kg			119	70 - 130		
LCS	Naphthalene	0.056		mg/kg						
LCS	o-xylene	0.056		mg/kg			112	70 - 130		
LCS	Toluene	0.053		mg/kg			106	70 - 130		
LCS	Xylenes, total	0.175		mg/kg			117	70 - 130		

AA36746

LCS	1,2,4-trimethylbenzene	0.059		mg/kg			118	70 - 130		
LCS	1,3,5-trimethylbenzene	0.058		mg/kg			116	70 - 130		
LCS	Benzene	0.053		mg/kg			106	70 - 130		
LCS	Ethylbenzene	0.057		mg/kg			114	70 - 130		
LCS	Gasoline Range Organics	0.57		mg/kg			101			
LCS	m&p- xylene	0.114		mg/kg			114	70 - 130		
LCS	Naphthalene	0.064		mg/kg			128	70 - 130		
LCS	o-xylene	0.055		mg/kg			110	70 - 130		
LCS	Toluene	0.051		mg/kg			102	70 - 130		
LCS	Xylenes, total	0.169		mg/kg			113	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A
 Aurora, CO 80045
 800-440-5184

Report Date : 12/26/2025

Report Time : 14:52

FINAL RESULTS REPORT

Project Manager: Ryan Dornbos

Project Name: Morales 32 WH/FL

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	RL	Method Ref.
Analyte Name		Result Date/Time					Recovery

<u>Qualifier</u>	<u>Explanation</u>
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.
EST	The concentration indicated has been estimated due to high analyte content.
E	Electronic loss or corruption of data.
I	Subcontracted sample