



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

May 20, 2025

143 Diamond Ave
Parachute, CO 81635
970-285-2925

Project Manager : Andy Verbonitz

Project Name : STARKEY 7

Project Number : n/a

Attached are the analytical results for STARKEY 7 n/a received by Elevation Diagnostics, Division of Environmental Testing on May 07, 2025. This is associated with Elevation's number AA22317 .

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



Division of Environmental Testing

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

Report Date : 5/20/2025

Report Time : 16:33

FINAL RESULTS REPORT

Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.	
Analyte Name		Analysis Start					Recovery	
AA22317-1	20250506-STARKEY7-(POR)@4	Collected : 05/06/2025	10:40					
EC & pH soil by saturated paste - EC, soil		05/09/2025	09:53	0.43	mmhos	0.0005	USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH soil Temperature		05/09/2025	09:53	19.50	°C		USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH, soil		05/09/2025	09:53	8.65	SU	0.01	USDA 60/EPA 9045	
SAR Saturated Paste - Calcium		05/12/2025	07:49	10.00	0.70	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		05/12/2025	07:49	10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		05/12/2025	07:49	10.00	2.01	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		05/12/2025	07:49	10.00	2.37	No Unit		EPA 6020B
AA22317-2	20250506-STARKEY7-(POR)@4	Collected : 05/06/2025	10:40					
Chromium VI, Soil		05/12/2025	10:56	<0.08	mg/kg	0.080	EPA 7199	
Hot Water Soluble Boron		05/14/2025	10:08	0.14	mg/kg	0.050	Boron Hot Water Extraction	
Total Metals, Soils - Arsenic		05/15/2025	08:57	10.00	7.98	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		05/15/2025	08:57	10.00	206.61	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		05/15/2025	08:57	10.00	0.46	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		05/15/2025	08:57	10.00	19.09	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		05/15/2025	08:57	10.00	10.93	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		05/15/2025	08:57	10.00	17.43	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		05/15/2025	08:57	10.00	4.84	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		05/15/2025	08:57	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		05/15/2025	08:57	10.00	70.25	mg/kg	0.025	EPA 6020B
AA22317-3	20250506-STARKEY7-(POR)@4	Collected : 05/06/2025	10:40					
DRO & ORO, Soil - DRO		05/09/2025	07:33	247.42	mg/kg	100.00	EPA 8015D	
DRO & ORO, Soil - ORO		05/09/2025	07:33	<100.00	mg/kg	100.00	EPA 8015D	
SVOC, Soils - 1-methylnaphthalene		05/15/2025	00:00	0.00498 - J	mg/kg	0.00313	EPA 8270	
SVOC, Soils - 2-methylnaphthalene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Acenaphthene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Anthracene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benz(a)anthracene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(a)pyrene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(b)fluoranthene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(k)fluoranthene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Chrysene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Dibenz(a,h)anthracene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Fluoranthene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Fluorene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Indeno(1,2,3-cd)pyrene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Naphthalene		05/15/2025	00:00	Not Detected	mg/kg	0.00306	EPA 8270	
SVOC, Soils - Pyrene		05/15/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
VOC, Soils - 1,2,4-trimethylbenzene		05/19/2025	10:08	<0.0025	mg/kg	0.00245	EPA 8260	
VOC, Soils - 1,3,5-trimethylbenzene		05/19/2025	10:08	<0.005	mg/kg	0.005	EPA 8260	
VOC, Soils - Benzene		05/19/2025	10:08	<0.0024	mg/kg	0.00242	EPA 8260	
VOC, Soils - Ethylbenzene		05/19/2025	10:08	Not Detected	mg/kg	0.005	EPA 8260	
VOC, Soils - Gasoline Range Organics		05/19/2025	10:08	8.38	mg/kg	0.268	EPA 8260	
VOC, Soils - m&p- xylene		05/19/2025	10:08	<0.0043	mg/kg	0.00427	EPA 8260	



Division of Environmental Testing

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Report Date : 5/20/2025

Report Time : 16:33

FINAL RESULTS REPORT

Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - o-xylene		05/19/2025 10:08		Not Detected	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		05/19/2025 10:08		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		05/19/2025 10:08		<0.0065	mg/kg	0.00654	EPA 8260

AA22318-1 20250506-STARKEY7-(SB01)@4

Collected : 05/06/2025 11:15

EC & pH soil by saturated paste - EC, soil		05/09/2025 11:40		0.80	mmhos	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		05/09/2025 11:40		21.0	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		05/09/2025 11:40		8.43	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		05/12/2025 07:57	10.00	<0.50	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		05/12/2025 07:57	10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		05/12/2025 07:57	10.00	0.49	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		05/12/2025 07:57	10.00	1.23	No Unit		EPA 6020B

AA22318-2 20250506-STARKEY7-(SB01)@4

Collected : 05/06/2025 11:15

Chromium VI, Soil		05/12/2025 10:56		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		05/14/2025 10:08		0.14	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		05/15/2025 08:57	10.00	16.68	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		05/15/2025 08:57	10.00	406.05	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		05/15/2025 08:57	10.00	0.45	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		05/15/2025 08:57	10.00	20.15	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		05/15/2025 08:57	10.00	14.26	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		05/15/2025 08:57	10.00	14.56	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		05/15/2025 08:57	10.00	4.60	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		05/15/2025 08:57	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		05/15/2025 08:57	10.00	66.87	mg/kg	0.025	EPA 6020B

AA22318-3 20250506-STARKEY7-(SB01)@4

Collected : 05/06/2025 11:15

DRO & ORO, Soil - DRO		05/09/2025 07:33		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		05/09/2025 07:33		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		05/15/2025 14:59		<0.00313	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		05/15/2025 14:59		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		05/15/2025 14:59		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		05/15/2025 14:59		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		05/19/2025 10:08		<0.0025	mg/kg	0.00245	EPA 8260



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Project Name: STARKEY 7

Project Number: n/a

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - 1,3,5-trimethylbenzene		05/19/2025	10:08	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		05/19/2025	10:08	<0.0024	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		05/19/2025	10:08	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		05/19/2025	10:08	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		05/19/2025	10:08	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		05/19/2025	10:08	Not Detected	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		05/19/2025	10:08	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		05/19/2025	10:08	<0.0065	mg/kg	0.00654	EPA 8260

AA22319-1 20250506-STARKEY7-(SB02)@4

Collected : 05/06/2025 11:25

EC & pH soil by saturated paste - EC, soil	05/09/2025	11:40		1.00	mmhos	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	05/09/2025	11:40		20.5	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	05/09/2025	11:40		8.50	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	05/12/2025	07:57	10.00	Not Detected	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	05/12/2025	07:57	10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	05/12/2025	07:57	10.00	0.99	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	05/12/2025	07:57	10.00	3.00	No Unit		EPA 6020B

AA22319-2 20250506-STARKEY7-(SB02)@4

Collected : 05/06/2025 11:25

Chromium VI, Soil	05/12/2025	10:56		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	05/14/2025	10:08		0.10	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	05/15/2025	08:57	10.00	5.98	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	05/15/2025	08:57	10.00	205.19	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	05/15/2025	08:57	10.00	0.49	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	05/15/2025	08:57	10.00	14.45	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	05/15/2025	08:57	10.00	10.01	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	05/15/2025	08:57	10.00	16.53	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	05/15/2025	08:57	10.00	6.71	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	05/15/2025	08:57	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	05/15/2025	08:57	10.00	80.53	mg/kg	0.025	EPA 6020B

AA22319-3 20250506-STARKEY7-(SB02)@4

Collected : 05/06/2025 11:25

DRO & ORO, Soil - DRO	05/09/2025	07:33		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	05/09/2025	07:33		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	05/15/2025	14:59		<0.00313	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	05/15/2025	14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	05/15/2025	14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	05/15/2025	14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	05/15/2025	14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	05/15/2025	14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	05/15/2025	14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	05/15/2025	14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	05/15/2025	14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	05/15/2025	14:59		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	05/15/2025	14:59		Not Detected	mg/kg	0.010	EPA 8270



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FINAL RESULTS REPORT

Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Fluorene		05/15/2025	14:59	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		05/15/2025	14:59	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		05/15/2025	14:59	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		05/15/2025	14:59	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		05/19/2025	10:08	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		05/19/2025	10:08	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		05/19/2025	10:08	<0.0024	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		05/19/2025	10:08	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		05/19/2025	10:08	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		05/19/2025	10:08	Not Detected	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		05/19/2025	10:08	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		05/19/2025	10:08	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		05/19/2025	10:08	<0.0065	mg/kg	0.00654	EPA 8260

AA22320-1 20250506-STARKEY7-(SB03)@4

Collected : 05/06/2025 11:40

EC & pH soil by saturated paste - EC, soil	05/09/2025	11:40		0.63	mmhos	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	05/09/2025	11:40		20.1	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	05/09/2025	11:40		8.48	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	05/12/2025	07:57	10.00	Not Detected	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	05/12/2025	07:57	10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	05/12/2025	07:57	10.00	1.15	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	05/12/2025	07:57	10.00	2.63	No Unit		EPA 6020B

AA22320-2 20250506-STARKEY7-(SB03)@4

Collected : 05/06/2025 11:40

Chromium VI, Soil	05/12/2025	10:56		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	05/14/2025	10:08		0.19	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	05/15/2025	08:57	10.00	4.76	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	05/15/2025	08:57	100.00	1478.18	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	05/15/2025	08:57	10.00	0.43	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	05/15/2025	08:57	10.00	15.06	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	05/15/2025	08:57	10.00	12.61	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	05/15/2025	08:57	10.00	15.56	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	05/15/2025	08:57	10.00	5.47	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	05/15/2025	08:57	10.00	<0.25	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	05/15/2025	08:57	10.00	80.77	mg/kg	0.025	EPA 6020B

AA22320-3 20250506-STARKEY7-(SB03)@4

Collected : 05/06/2025 11:40

DRO & ORO, Soil - DRO	05/09/2025	07:33		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	05/09/2025	07:33		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	05/15/2025	11:41		<0.00313	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	05/15/2025	11:41		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	05/15/2025	11:41		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	05/15/2025	11:41		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	05/15/2025	11:41		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	05/15/2025	11:41		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 : 5/20/2025

Report Time : 16:33

FINAL RESULTS REPORT

Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Benzo(b)fluoranthene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		05/15/2025	11:41	<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		05/15/2025	11:41	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		05/19/2025	10:08	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		05/19/2025	10:08	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		05/19/2025	10:08	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		05/19/2025	10:08	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		05/19/2025	10:08	<0.27	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		05/19/2025	10:08	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		05/19/2025	10:08	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		05/19/2025	10:08	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		05/19/2025	10:08	<0.0065	mg/kg	0.00654	EPA 8260

AA22321-1 20250506-STARKEY7-(SB04)@4

Collected : 05/06/2025 12:10

EC & pH soil by saturated paste - EC, soil	05/09/2025	11:40		0.52	mmhos	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	05/09/2025	11:40		20.1	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	05/09/2025	11:40		8.49	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	05/12/2025	07:57	10.00	Not Detected	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	05/12/2025	07:57	10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	05/12/2025	07:57	10.00	0.48	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	05/12/2025	07:57	10.00	1.90	No Unit		EPA 6020B

AA22321-2 20250506-STARKEY7-(SB04)@4

Collected : 05/06/2025 12:10

Chromium VI, Soil	05/12/2025	10:56		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	05/14/2025	10:08		0.18	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	05/15/2025	08:57	10.00	8.90	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	05/15/2025	08:57	10.00	177.65	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	05/15/2025	08:57	10.00	0.40	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	05/15/2025	08:57	10.00	16.27	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	05/15/2025	08:57	10.00	11.99	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	05/15/2025	08:57	10.00	15.83	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	05/15/2025	08:57	10.00	6.53	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	05/15/2025	08:57	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	05/15/2025	08:57	10.00	87.12	mg/kg	0.025	EPA 6020B

AA22321-3 20250506-STARKEY7-(SB04)@4

Collected : 05/06/2025 12:10

DRO & ORO, Soil - DRO	05/09/2025	07:33		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	05/09/2025	07:33		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	05/15/2025	11:41		<0.00313	mg/kg	0.00313	EPA 8270



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 5/20/2025

Report Time : 16:33

FINAL RESULTS REPORT

Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - 2-methylnaphthalene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		05/15/2025	11:41	<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		05/15/2025	11:41	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		05/15/2025	11:41	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		05/19/2025	10:08	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		05/19/2025	10:08	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		05/19/2025	10:08	<0.0024	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		05/19/2025	10:08	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		05/19/2025	10:08	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		05/19/2025	10:08	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		05/19/2025	10:08	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		05/19/2025	10:08	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		05/19/2025	10:08	<0.0065	mg/kg	0.00654	EPA 8260



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-8666										
DUP	AA22313	0.38	0.050	mg/kg					10.0	-15 - 15
DUP	AA22514	0.57	0.050	mg/kg					3.4	-15 - 15
MB	AA22687	0.02		mg/kg						
LCS	AA22688	1.08		mg/kg	1.00		108	80 - 120		
LCS	AA22689	9.46		mg/kg	9.00		105	80 - 120		
CHROM_VI_SOIL-8559										
DUP	AA22319	<0.08	0.080	mg/kg						
MB	AA22462	<0.08		mg/kg						
LCS	AA22464	1.61		mg/kg	1.60		101	80 - 120		
LCS	AA22465	1.62		mg/kg	1.60		101	80 - 120		



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Project Manager: Andy Verbonitz

Project Name: STARKEY 7

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-8520										
AA22311										
Dup	DRO	3698.65				3028.16			4.90	- 30
Dup	ORO	477.20				121.93			2.60	- 50
Matrix Spike	DRO	3521.62		mg/kg	350	3028.16	141	70 - 130		
Matrix Spike	ORO	489.78		mg/kg	350	121.93	105	50 - 150		
AA22373										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA22374										
LCS	DRO	393.06		mg/kg			112	70 - 130		
LCS	ORO	353.49		mg/kg			101	50 - 150		
AA22375										
LCS	DRO	442.44		mg/kg			126	70 - 130		
LCS	ORO	369.03		mg/kg			105	50 - 150		
EC PH-8534										
AA22134										
Dup	EC, soil	0.99	0.0005	mmhos		0.99			<%MDL%	- 5
Dup	pH soil Temperature	20.9		°C		20.70				
Dup	pH, soil	8.23	0.01	SU		8.23			<%MDL%	- 5
AA22409										
LCS	EC, soil	9.39	0.0005	mmhos			93.8	85 - 115		
LCS	pH, soil	6.87	0.01	SU			100	85 - 115		
AA22410										
LCS	EC, soil	9.75	0.0005	mmhos			97.4	85 - 115		
LCS	pH, soil	6.85	0.01	SU			99.9	85 - 115		
EC PH-8552										
AA22318										
Dup	EC, soil	0.77	0.0005	mmhos		0.80			3.82	- 5
Dup	pH soil Temperature	20.7		°C		21.0				
Dup	pH, soil	8.45	0.01	SU		8.43			0.237	- 5
AA22437										
LCS	EC, soil	9.33	0.0005	mmhos			93.2	85 - 115		
LCS	pH, soil	6.87	0.01	SU			100	85 - 115		
AA22438										
LCS	EC, soil	9.39	0.0005	mmhos			93.8	85 - 115		
LCS	pH, soil	6.86	0.01	SU			100	85 - 115		
METALS S-8650										
AA22501										
Dup	Arsenic	5.91	0.025	mg/kg		5.66			4.32	0 - 15
Dup	Barium	197.72	0.025	mg/kg		199.83			1.06	0 - 15
Dup	Cadmium	0.28	0.001	mg/kg		0.28			<%MDL%	0 - 15
Dup	Copper	9.64	0.025	mg/kg		9.10			5.76	0 - 15
Dup	Lead	13.30	0.025	mg/kg		13.14			1.21	0 - 15
Dup	Nickel	11.18	0.025	mg/kg		10.57			5.61	0 - 15



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Selenium	6.05	0.025	mg/kg		6.14			1.48	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	48.34	0.025	mg/kg		50.95			5.26	0 - 15
Matrix Spike	Arsenic	26.70		mg/kg	20	5.66	105	80 - 120		
Matrix Spike	Barium	223.72		mg/kg	20	199.83	119	80 - 120		
Matrix Spike	Cadmium	24.38		mg/kg	20	0.28	120	80 - 120		
Matrix Spike	Copper	31.37		mg/kg	20	9.10	111	80 - 120		
Matrix Spike	Lead	32.36		mg/kg	20	13.14	96.1	80 - 120		
Matrix Spike	Nickel	30.77		mg/kg	20	10.57	101	80 - 120		
Matrix Spike	Selenium	29.11		mg/kg	20	6.14	115	80 - 120		
Matrix Spike	Silver	20.17		mg/kg	20	<0.25	101	80 - 120		
Matrix Spike	Zinc	71.68		mg/kg	20	50.95	104	80 - 120		

AA22641

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						

AA22643

LCS	Arsenic	0.11		mg/kg			110	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.11		mg/kg			110	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	0.11		mg/kg			110	80 - 120		
LCS	Silver	0.10		mg/kg			100	80 - 120		
LCS	Zinc	0.11		mg/kg			110	80 - 120		

AA22644

LCS	Arsenic	0.11		mg/kg			110	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.11		mg/kg			110	80 - 120		
LCS	Copper	0.10		mg/kg			100	80 - 120		
LCS	Lead	0.11		mg/kg			110	80 - 120		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.11		mg/kg			110	80 - 120		
LCS	Silver	0.10		mg/kg			100	80 - 120		
LCS	Zinc	0.11		mg/kg			110	80 - 120		

SAR-8539

AA22134

Dup	Calcium	2.91		mEq/L	5.29	2.76			5.29	- 20
Dup	Magnesium	1.13		mEq/L	4.52	1.08			4.52	- 20



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FINAL RESULTS REPORT

Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Sodium	4.66		mEq/L	1.95	4.57			1.95	- 20
Dup	Sodium Adsorption Ratio	3.28		mEq/L	0.304	3.29			0.304	- 20

AA22418

MB	Calcium	-0.02		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.00								

AA22419

LCS	Calcium	8.48		ppm			84.8	80 - 120		
LCS	Magnesium	8.24		ppm			82.4	80 - 120		
LCS	Sodium	8.03		ppm			80.3	80 - 120		
LCS	Sodium Adsorption Ratio	0.47		ppm			87.0	80 - 120		

AA22420

LCS	Calcium	426.04		ppm			85.2	80 - 120		
LCS	Magnesium	430.88		ppm			86.2	80 - 120		
LCS	Sodium	425.98		ppm			85.2	80 - 120		
LCS	Sodium Adsorption Ratio	3.48		ppm			92.1	80 - 120		



Division of Environmental Testing

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Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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SVOC_SOIL-8689

AA22313

Dup	1-methylnaphthalene	0.270	0.010	mg/kg		0.015			13.9	- 30
Dup	2-methylnaphthalene	0.291	0.010	mg/kg		0.024			13.6	- 30
Dup	Acenaphthene	0.257	0.010	mg/kg		Not Detected			10.7	- 30
Dup	Anthracene	0.291	0.010	mg/kg		Not Detected			1.37	- 30
Dup	Benz(a)anthracene	0.267	0.010	mg/kg		<0.010			3.43	- 30
Dup	Benzo(a)pyrene	0.270	0.010	mg/kg		<0.010			2.25	- 30
Dup	Benzo(b)fluoranthene	0.293	0.010	mg/kg		Not Detected			1.72	- 30
Dup	Benzo(k)fluoranthene	0.284	0.010	mg/kg		Not Detected			2.43	- 30
Dup	Chrysene	0.270	0.010	mg/kg		<0.010			0.371	- 30
Dup	Dibenz(a,h)anthracene	0.253	0.010	mg/kg		Not Detected			0.394	- 30
Dup	Fluoranthene	0.355	0.010	mg/kg		<0.010			1.13	- 30
Dup	Fluorene	0.372	0.010	mg/kg		0.010			5.52	- 30
Dup	Indeno(1,2,3-cd)pyrene	0.233	0.010	mg/kg		Not Detected			4.84	- 30
Dup	Naphthalene	0.225	0.010	mg/kg		Not Detected			10.8	- 30
Dup	Pyrene	0.356	0.010	mg/kg		<0.010			2.27	- 30
Matrix Spike	1-methylnaphthalene	0.235	0.010	mg/kg	0.300	0.015	73.3	70 - 130		
Matrix Spike	2-methylnaphthalene	0.254	0.010	mg/kg	0.300	0.024	76.7	70 - 130		
Matrix Spike	Acenaphthene	0.231	0.010	mg/kg	0.300	Not Detected	77.0	70 - 130		
Matrix Spike	Anthracene	0.295	0.010	mg/kg	0.300	Not Detected	98.3	70 - 130		
Matrix Spike	Benz(a)anthracene	0.258	0.010	mg/kg	0.300	<0.010	86.0	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.264	0.010	mg/kg	0.300	<0.010	88.0	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.288	0.010	mg/kg	0.300	Not Detected	96.0	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.291	0.010	mg/kg	0.300	Not Detected	97.0	70 - 130		
Matrix Spike	Chrysene	0.269	0.010	mg/kg	0.300	<0.010	89.7	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.254	0.010	mg/kg	0.300	Not Detected	84.7	70 - 130		
Matrix Spike	Fluoranthene	0.351	0.010	mg/kg	0.300	<0.010	117	70 - 130		
Matrix Spike	Fluorene	0.352	0.010	mg/kg	0.300	0.010	114	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.222	0.010	mg/kg	0.300	Not Detected	74.0	70 - 130		
Matrix Spike	Naphthalene	0.202	0.010	mg/kg	0.300	Not Detected	67.3	70 - 130		
Matrix Spike	Pyrene	0.348	0.010	mg/kg	0.300	<0.010	116	70 - 130		

AA22721

MB	1-methylnaphthalene	<0.010	0.010	mg/kg						
MB	2-methylnaphthalene	<0.010	0.010	mg/kg						
MB	Acenaphthene	<0.010	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						



Division of Environmental Testing

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Aurora, CO 80045

800-440-5184

Report Date : 5/20/2025

Report Time : 16:33

FINAL RESULTS REPORT

Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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	<0.010	0.010	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA22722

LCS	1-methylnaphthalene	0.291	0.010	mg/kg			97.0	70 - 130		
LCS	2-methylnaphthalene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Acenaphthene	0.245	0.010	mg/kg			81.7	70 - 130		
LCS	Anthracene	0.256	0.010	mg/kg			85.3	70 - 130		
LCS	Benz(a)anthracene	0.244	0.010	mg/kg			81.3	70 - 130		
LCS	Benzo(a)pyrene	0.233	0.010	mg/kg			77.7	70 - 130		
LCS	Benzo(b)fluoranthene	0.279	0.010	mg/kg			93.0	70 - 130		
LCS	Benzo(k)fluoranthene	0.302	0.010	mg/kg			101	70 - 130		
LCS	Chrysene	0.251	0.010	mg/kg			83.7	70 - 130		
LCS	Dibenz(a,h)anthracene	0.236	0.010	mg/kg			78.7	70 - 130		
LCS	Fluoranthene	0.335	0.010	mg/kg			112	70 - 130		
LCS	Fluorene	0.283	0.010	mg/kg			94.3	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.224	0.010	mg/kg			74.7	70 - 130		
LCS	Naphthalene	0.300	0.010	mg/kg			100	70 - 130		
LCS	Pyrene	0.341	0.010	mg/kg			114	70 - 130		

AA22723

LCS	1-methylnaphthalene	0.289	0.010	mg/kg			96.3	70 - 130		
LCS	2-methylnaphthalene	0.291	0.010	mg/kg			97.0	70 - 130		
LCS	Acenaphthene	0.261	0.010	mg/kg			87.0	70 - 130		
LCS	Anthracene	0.286	0.010	mg/kg			95.3	70 - 130		
LCS	Benz(a)anthracene	0.260	0.010	mg/kg			86.7	70 - 130		
LCS	Benzo(a)pyrene	0.261	0.010	mg/kg			87.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.304	0.010	mg/kg			101	70 - 130		
LCS	Benzo(k)fluoranthene	0.328	0.010	mg/kg			109	70 - 130		
LCS	Chrysene	0.273	0.010	mg/kg			91.0	70 - 130		
LCS	Dibenz(a,h)anthracene	0.265	0.010	mg/kg			88.3	70 - 130		
LCS	Fluoranthene	0.368	0.010	mg/kg			123	70 - 130		
LCS	Fluorene	0.340	0.010	mg/kg			113	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.246	0.010	mg/kg			82.0	70 - 130		
LCS	Naphthalene	0.259	0.010	mg/kg			86.3	70 - 130		
LCS	Pyrene	0.373	0.010	mg/kg			124	70 - 130		

VOC S-8789

AA21952

Dup	1,2,4-trimethylbenzene	<0.0025		mg/kg		<0.0025				
Dup	1,3,5-trimethylbenzene	<0.005		mg/kg		<0.005				
Dup	Benzene	0.020		mg/kg		0.0031		16.2		- 30
Dup	Ethylbenzene	<0.005		mg/kg		<0.005				
Dup	Gasoline Range Organics	5.503		mg/kg		<0.27		46.0		
Dup	m&p- xylene	0.0053		mg/kg		<0.0043		7.27		- 30
Dup	o-xylene	<0.0023		mg/kg		<0.0023				



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 5/20/2025

Report Time : 16:33

FINAL RESULTS REPORT

Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Toluene	0.012		mg/kg		0.0042			<%MDL%	- 30
Dup	Xylenes, total	<0.0065		mg/kg		<0.0065				
Matrix Spike	1,2,4-trimethylbenzene	<0.0025		mg/kg	0.050	<0.0025				
Matrix Spike	1,3,5-trimethylbenzene	<0.005		mg/kg	0.050	<0.005				
Matrix Spike	Benzene	0.017		mg/kg	0.050	0.0031	27.8	70 - 130		
Matrix Spike	Ethylbenzene	<0.005		mg/kg	0.050	<0.005				
Matrix Spike	Gasoline Range Organics	0.315		mg/kg	2.54	<0.27	12.4			
Matrix Spike	m&p- xylene	0.0057		mg/kg	0.100	<0.0043	5.70	70 - 130		
Matrix Spike	o-xylene	<0.0023		mg/kg	0.050	<0.0023				
Matrix Spike	Toluene	0.012		mg/kg	0.050	0.0042	15.6	70 - 130		
Matrix Spike	Xylenes, total	<0.0065		mg/kg	0.150	<0.0065				

AA23009

MB	1,2,4-trimethylbenzene	<0.0025		mg/kg						
MB	1,3,5-trimethylbenzene	Not Detected		mg/kg						
MB	Benzene	<0.0024		mg/kg						
MB	Ethylbenzene	Not Detected		mg/kg						
MB	Gasoline Range Organics	0.27		mg/kg						
MB	m&p- xylene	Not Detected		mg/kg						
MB	o-xylene	<0.0023		mg/kg						
MB	Toluene	<0.0026		mg/kg						
MB	Xylenes, total	<0.0065		mg/kg						

AA23010

LCS	1,2,4-trimethylbenzene	0.046		mg/kg			92.0	70 - 130		
LCS	1,2-Dibromoethane									
LCS	1,2-Dichloroethane									
LCS	1,3,5-trimethylbenzene	0.056		mg/kg			112	70 - 130		
LCS	Benzene	0.065		mg/kg			130	70 - 130		
LCS	Ethylbenzene	0.052		mg/kg			104	70 - 130		
LCS	Gasoline Range Organics	0.16		mg/kg			124			
LCS	m&p- xylene	0.109		mg/kg			109	70 - 130		
LCS	Naphthalene									
LCS	o-xylene	0.045		mg/kg			90.0	70 - 130		
LCS	Toluene	0.052		mg/kg			104	70 - 130		
LCS	Xylenes, total	0.154		mg/kg			103	70 - 130		

AA23011

LCS	1,2,4-trimethylbenzene	0.036		mg/kg			72.0	70 - 130		
LCS	1,2-Dibromoethane									
LCS	1,2-Dichloroethane									
LCS	1,3,5-trimethylbenzene	0.043		mg/kg			86.0	70 - 130		
LCS	Benzene	0.047		mg/kg			94.0	70 - 130		
LCS	Ethylbenzene	0.041		mg/kg			82.0	70 - 130		
LCS	Gasoline Range Organics	0.72		mg/kg			107			
LCS	m&p- xylene	0.081		mg/kg			81.0	70 - 130		
LCS	Naphthalene									
LCS	o-xylene	0.037		mg/kg			74.0	70 - 130		
LCS	Toluene	0.040		mg/kg			80.0	70 - 130		



Division of Environmental Testing

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 Aurora, CO 80045
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FINAL RESULTS REPORT

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Project Manager: Andy Verbonitz

Project Name: STARKEY 7

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Xylenes, total	0.118		mg/kg			78.7	70 - 130		

<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.
E	Electronic loss or corruption of data.
I	Subcontracted sample