



## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

October 23, 2024

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

**Project Manager :** Ryan Dornbos  
**Project Name :** State 44-36 Battery  
**Project Number :** N/A

Attached are the analytical results for State 44-36 Battery N/A received by Elevation Diagnostics, Division of Environmental Testing on October 16, 2024. This is associated with Elevation's number AA13200 .

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, INC  
Address: \_\_\_\_\_  
City/State/ZIP: \_\_\_\_\_  
Phone: 303 915 9074  
Project Contact: RYAN @ DEOPERATING.COM  
BLUECHIP OIL INC @ MSN.COM

Project Name: STATE 44-36 BATTERY  
Project Location: \_\_\_\_\_  
Collector Name: RYAN DORNBOSS

					Preservative				Matrix		Analysis Requested				Notes		
Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO <sub>3</sub>	None	Other	Water	Soil	Other	TABLE 915	PH, EC, SAL	BORON	915 METALS		
1	E SEP 18"	10/15/24	1040	3			X			X		X					
2	W SEP 18"	10/15/24	1040	3			X			X		X					
3	BACKGROUND 1	10/15/24	1045	3			X			X			X	X	X		
4	W OIL TANK 18"	10/15/24	1120	3			X			X		X					
5	E OIL TANK 18"	10/15/24	1120	3			X			X		X					
6	PW E	↓	1630	3			X			X		X					
7	PW W		1630	3			X			X		X					
8	PW N		1630	3			X			X		X					
9	PW S		1630	3			X			X		X					
10	PW FLOOR		1630	3			X			X		X					



Relinquished By: RYAN DORNBOSS  
Date/Time: 1427

Relinquished By: Cesar Munoz  
Date/Time: 10-16-24 1428

Relinquished By: \_\_\_\_\_  
Date/Time: \_\_\_\_\_  
2024-10-16-005

Lab Use Only  
Observed Temperature Upon Receipt: 17.6°C  
Corrected Temperature Upon Receipt: 18.9°C  
Thermometer #: EDX BQ 248  
Correction Factor: +1.3°C

Samples Intact: Yes No  
pH Checked: Yes No  
pH Adjusted: Yes No  
Name/Lot Number of Adjustment: \_\_\_\_\_



EFOR-008.002

**Division of Environmental Testing**

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**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
<b>AA13200-1</b>	E SEP 18'	<b>Collected :</b> 10/15/2024 10:40					
SAR - Calcium		10/22/2024	10:30	10.00	3.69	mEq/L	EPA 6020B
SAR - Magnesium		10/22/2024	10:30	10.00	1.01	mEq/L	EPA 6020B
SAR - Sodium		10/22/2024	10:30	10.00	1.23	mEq/L	EPA 6020B
SAR - Sodium Adsorption Ratio		10/22/2024	10:30	10.00	0.80	No Unit	EPA 6020B
Soil Conductivity		10/21/2024	16:09		0.61	mmhos/cm	0.0005 USDA 60
<b>AA13200-2</b>	E SEP 18'	<b>Collected :</b> 10/15/2024 10:40					
Chromium VI, Soil		10/21/2024	08:58		<0.08	mg/kg	0.080 EPA 7199
Hot Water Soluble Boron		10/21/2024	09:22		0.24	mg/kg	0.050 Boron Hot Water Extraction
pH, Soils Temperature		10/18/2024	15:04		18.7	°C	
pH, Soils		10/18/2024	15:04		8.28	SU	0.01 EPA 9045D
Total Metals, Soils - Arsenic		10/21/2024	09:46	10.00	4.19	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Barium		10/21/2024	09:46	10.00	70.37	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Cadmium		10/21/2024	09:46	10.00	0.12	mg/kg	0.001 EPA 6020B
Total Metals, Soils - Copper		10/21/2024	09:46	10.00	13.56	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Lead		10/21/2024	09:46	10.00	7.97	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Nickel		10/21/2024	09:46	10.00	8.44	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Selenium		10/21/2024	09:46	10.00	3.06	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Silver		10/21/2024	09:46	10.00	<0.03	mg/kg	0.03 EPA 6020B
Total Metals, Soils - Zinc		10/21/2024	09:46	10.00	28.57	mg/kg	0.025 EPA 6020B
<b>AA13200-3</b>	E SEP 18'	<b>Collected :</b> 10/15/2024 10:40					
DRO & ORO, Soil - DRO		10/21/2024	11:51		Not Detected	mg/kg	100.00 EPA 8015D
DRO & ORO, Soil - ORO		10/21/2024	11:51		Not Detected	mg/kg	100.00 EPA 8015D
Gasoline Range Organics, Soil		10/21/2024	10:17		<0.27	mg/kg	0.26827 EPA 8260
SVOC, Soils - 1-methylnaphthalene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - 2-methylnaphthalene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - Acenaphthene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - Anthracene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - Benz(a)anthracene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - Benzo(a)pyrene		10/21/2024	09:52		<0.010	mg/kg	0.010 EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - Chrysene		10/21/2024	09:52		<0.010	mg/kg	0.010 EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - Fluoranthene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - Fluorene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - Naphthalene		10/21/2024	09:52		Not Detected	mg/kg	0.010 EPA 8270
SVOC, Soils - Pyrene		10/21/2024	09:52		<0.010	mg/kg	0.010 EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		10/21/2024	15:19		<0.0025	mg/kg	0.00245 EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/21/2024	15:19		<0.0050	mg/kg	0.005 EPA 8260
VOC, Soils - Benzene		10/21/2024	15:19		Not Detected	mg/kg	0.00242 EPA 8260
VOC, Soils - Ethylbenzene		10/21/2024	15:19		Not Detected	mg/kg	0.005 EPA 8260
VOC, Soils - m&p- xylene		10/21/2024	15:19		<0.0042	mg/kg	0.00427 EPA 8260

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**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - o-xylene		10/21/2024 15:19		<0.0022	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		10/21/2024 15:19		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		10/21/2024 15:19		<0.0065	mg/kg	0.00654	EPA 8260

**AA13201-1** W SEP 18'**Collected :** 10/15/2024 10:40

SAR - Calcium	10/22/2024 10:30	10.00	3.93	mEq/L		EPA 6020B
SAR - Magnesium	10/22/2024 10:30	10.00	1.18	mEq/L		EPA 6020B
SAR - Sodium	10/22/2024 10:30	10.00	0.50	mEq/L		EPA 6020B
SAR - Sodium Adsorption Ratio	10/22/2024 10:30	10.00	0.31	No Unit		EPA 6020B
Soil Conductivity	10/21/2024 16:09		0.57	mmhos/cm	0.0005	USDA 60

**AA13201-2** W SEP 18'**Collected :** 10/15/2024 10:40

Chromium VI, Soil	10/21/2024 08:58		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	10/21/2024 09:22		0.23	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature	10/18/2024 15:04		18.6	°C		
pH, Soils	10/18/2024 15:04		8.20	SU	0.01	EPA 9045D
Total Metals, Soils - Arsenic	10/21/2024 09:46	10.00	3.90	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	10/21/2024 09:46	10.00	72.67	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	10/21/2024 09:46	10.00	0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	10/21/2024 09:46	10.00	13.63	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	10/21/2024 09:46	10.00	5.26	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	10/21/2024 09:46	10.00	8.50	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	10/21/2024 09:46	10.00	2.45	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	10/21/2024 09:46	10.00	<0.03	mg/kg	0.03	EPA 6020B
Total Metals, Soils - Zinc	10/21/2024 09:46	10.00	29.11	mg/kg	0.025	EPA 6020B

**AA13201-3** W SEP 18'**Collected :** 10/15/2024 10:40

DRO & ORO, Soil - DRO	10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil	10/21/2024 10:17		Not Detected	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - 2-methylnaphthalene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	10/21/2024 09:52		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Pyrene	10/21/2024 09:52		Not Detected	mg/kg	0.010	EPA 8270

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**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - 1,2,4-trimethylbenzene		10/21/2024 15:19		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/21/2024 15:19		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		10/21/2024 15:19		<0.0024	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		10/21/2024 15:19		Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		10/21/2024 15:19		<0.0042	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		10/21/2024 15:19		<0.0022	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		10/21/2024 15:19		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		10/21/2024 15:19		<0.0065	mg/kg	0.00654	EPA 8260

**AA13202-1** BACKGROUND 1**Collected :** 10/15/2024 10:45

SAR - Calcium	10/22/2024 10:30	10.00	8.72	mEq/L		EPA 6020B
SAR - Magnesium	10/22/2024 10:30	10.00	2.72	mEq/L		EPA 6020B
SAR - Sodium	10/22/2024 10:30	10.00	0.69	mEq/L		EPA 6020B
SAR - Sodium Adsorption Ratio	10/22/2024 10:30	10.00	0.29	No Unit		EPA 6020B
Soil Conductivity	10/21/2024 16:09		1.10	mmhos/cm	0.0005	USDA 60

**AA13202-2** BACKGROUND 1**Collected :** 10/15/2024 10:45

Hot Water Soluble Boron	10/21/2024 09:22		0.56	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature	10/18/2024 15:04		18.5	°C		
pH, Soils	10/18/2024 15:04		7.56	SU	0.01	EPA 9045D

**AA13202-3** BACKGROUND 1**Collected :** 10/15/2024 10:45

Chromium VI, Soil	10/21/2024 08:58		Not Detected	mg/kg	0.080	EPA 7199
Total Metals, Soils - Arsenic	10/21/2024 09:46	10.00	4.56	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	10/21/2024 09:46	10.00	92.99	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	10/21/2024 09:46	10.00	0.16	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	10/21/2024 09:46	10.00	16.09	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	10/21/2024 09:46	10.00	7.30	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	10/21/2024 09:46	10.00	10.45	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	10/21/2024 09:46	10.00	3.00	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	10/21/2024 09:46	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	10/21/2024 09:46	10.00	39.10	mg/kg	0.025	EPA 6020B

**AA13203-1** W OIL TANK 18'**Collected :** 10/15/2024 11:20

SAR - Calcium	10/22/2024 10:30	10.00	9.47	mEq/L		EPA 6020B
SAR - Magnesium	10/22/2024 10:30	10.00	3.32	mEq/L		EPA 6020B
SAR - Sodium	10/22/2024 10:30	10.00	1.15	mEq/L		EPA 6020B
SAR - Sodium Adsorption Ratio	10/22/2024 10:30	10.00	0.46	No Unit		EPA 6020B
Soil Conductivity	10/21/2024 16:09		1.41	mmhos/cm	0.0005	USDA 60

**AA13203-2** W OIL TANK 18'**Collected :** 10/15/2024 11:20

Chromium VI, Soil	10/21/2024 08:58		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	10/21/2024 09:22		0.18	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature	10/18/2024 15:04		18.5	°C		
pH, Soils	10/18/2024 15:04		7.95	SU	0.01	EPA 9045D
Total Metals, Soils - Arsenic	10/21/2024 09:46	10.00	4.23	mg/kg	0.025	EPA 6020B



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**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A

Sample ID	Customer ID	Collected		Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start						Recovery
Total Metals, Soils - Barium		10/21/2024	09:46	10.00	74.70	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		10/21/2024	09:46	10.00	0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		10/21/2024	09:46	10.00	14.29	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		10/21/2024	09:46	10.00	5.51	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		10/21/2024	09:46	10.00	9.27	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		10/21/2024	09:46	10.00	2.44	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		10/21/2024	09:46	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		10/21/2024	09:46	10.00	29.89	mg/kg	0.025	EPA 6020B
AA13203-3	W OIL TANK 18'	Collected : 10/15/2024		11:20				
DRO & ORO, Soil - DRO		10/21/2024	11:51		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		10/21/2024	11:51		Not Detected	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil		10/21/2024	10:17		Not Detected	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene		10/21/2024	10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - 2-methylnaphthalene		10/21/2024	10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		10/21/2024	10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		10/21/2024	10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		10/21/2024	10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		10/21/2024	10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		10/21/2024	10:38		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		10/21/2024	10:38		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		10/21/2024	10:38		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		10/21/2024	10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		10/21/2024	10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		10/21/2024	10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		10/21/2024	10:38		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		10/21/2024	10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Pyrene		10/21/2024	10:38		<0.010	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		10/21/2024	15:19		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/21/2024	15:19		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		10/21/2024	15:19		Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		10/21/2024	15:19		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		10/21/2024	15:19		<0.0042	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		10/21/2024	15:19		<0.0022	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		10/21/2024	15:19		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		10/21/2024	15:19		<0.0065	mg/kg	0.00654	EPA 8260

**AA13204-1** E OIL TANK 18'**Collected :** 10/15/2024 11:20

SAR - Calcium	10/22/2024	10:30	10.00	5.04	mEq/L		EPA 6020B
SAR - Magnesium	10/22/2024	10:30	10.00	2.22	mEq/L		EPA 6020B
SAR - Sodium	10/22/2024	10:30	10.00	1.16	mEq/L		EPA 6020B
SAR - Sodium Adsorption Ratio	10/22/2024	10:30	10.00	0.61	No Unit		EPA 6020B
Soil Conductivity	10/21/2024	16:09		0.87	mmhos/cm	0.0005	USDA 60

**AA13204-2** E OIL TANK 18'**Collected :** 10/15/2024 11:20

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Chromium VI, Soil		10/21/2024 08:58		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		10/21/2024 09:22		0.16	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature		10/18/2024 15:04		18.6	°C		
pH, Soils		10/18/2024 15:04		8.22	SU	0.01	EPA 9045D
Total Metals, Soils - Arsenic		10/21/2024 09:46	10.00	4.66	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		10/21/2024 09:46	10.00	153.68	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		10/21/2024 09:46	10.00	0.15	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		10/21/2024 09:46	10.00	12.45	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		10/21/2024 09:46	10.00	6.27	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		10/21/2024 09:46	10.00	11.25	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		10/21/2024 09:46	10.00	2.62	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		10/21/2024 09:46	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		10/21/2024 09:46	10.00	35.47	mg/kg	0.025	EPA 6020B
<b>AA13204-3</b>	E OIL TANK 18'	<b>Collected :</b> 10/15/2024 11:20					
DRO & ORO, Soil - DRO		10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil		10/21/2024 10:17		<0.27	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - 2-methylnaphthalene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		10/21/2024 10:38		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Pyrene		10/21/2024 10:38		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		10/21/2024 15:19		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/21/2024 15:19		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		10/21/2024 15:19		<0.0024	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		10/21/2024 15:19		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		10/21/2024 15:19		<0.0042	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		10/21/2024 15:19		<0.0022	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		10/21/2024 15:19		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		10/21/2024 15:19		<0.0065	mg/kg	0.00654	EPA 8260

**AA13205-1** PW E**Collected :** 10/15/2024 16:30

SAR - Calcium	10/22/2024 10:30	10.00	6.86	mEq/L	EPA 6020B
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**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SAR - Magnesium		10/22/2024 10:30	10.00	1.09	mEq/L		EPA 6020B
SAR - Sodium		10/22/2024 10:30	10.00	75.07	mEq/L		EPA 6020B
SAR - Sodium Adsorption Ratio		10/22/2024 10:30	10.00	37.67	No Unit		EPA 6020B
Soil Conductivity		10/21/2024 16:09		10.32	mmhos/cm	0.0005	USDA 60
<b>AA13205-2</b>	PW E	<b>Collected :</b> 10/15/2024 16:30					
Chromium VI, Soil		10/21/2024 08:58		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		10/21/2024 09:22		7.97	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature		10/18/2024 15:04		18.6	°C		
pH, Soils		10/18/2024 15:04		8.48	SU	0.01	EPA 9045D
Total Metals, Soils - Arsenic		10/21/2024 09:46	10.00	5.05	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		10/21/2024 09:46	10.00	108.01	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		10/21/2024 09:46	10.00	0.09	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		10/21/2024 09:46	10.00	12.37	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		10/21/2024 09:46	10.00	6.11	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		10/21/2024 09:46	10.00	11.21	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		10/21/2024 09:46	10.00	2.90	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		10/21/2024 09:46	10.00	<0.03	mg/kg	0.03	EPA 6020B
Total Metals, Soils - Zinc		10/21/2024 09:46	10.00	33.98	mg/kg	0.025	EPA 6020B
<b>AA13205-3</b>	PW E	<b>Collected :</b> 10/15/2024 16:30					
DRO & ORO, Soil - DRO		10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil		10/21/2024 10:17		Not Detected	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene		10/22/2024 16:43		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - 2-methylnaphthalene		10/22/2024 16:43		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		10/22/2024 16:43		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Pyrene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		10/21/2024 15:19		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/21/2024 15:19		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		10/21/2024 15:19		Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		10/21/2024 15:19		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		10/21/2024 15:19		<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		10/21/2024 15:19		<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		10/21/2024 15:19		<0.0026	mg/kg	0.00263	EPA 8260





## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

# FINAL RESULTS REPORT

Report Date : 10/23/2024

Report Time : 12:52

Project Manager: Ryan Dornbos

Project Name: State 44-36 Battery

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - Xylenes, total		10/21/2024 15:19		<0.0065	mg/kg	0.00654	EPA 8260

<b>AA13206-1</b>	PW W	<b>Collected : 10/15/2024 16:30</b>					
SAR - Calcium		10/22/2024 10:30	10.00	1.79	mEq/L		EPA 6020B
SAR - Magnesium		10/22/2024 10:30	10.00	0.90	mEq/L		EPA 6020B
SAR - Sodium		10/22/2024 10:30	10.00	0.77	mEq/L		EPA 6020B
SAR - Sodium Adsorption Ratio		10/22/2024 10:30	10.00	0.66	No Unit		EPA 6020B
Soil Conductivity		10/21/2024 16:09		0.34	mmhos/cm	0.0005	USDA 60
<b>AA13206-2</b>	PW W	<b>Collected : 10/15/2024 16:30</b>					
Chromium VI, Soil		10/21/2024 08:58		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		10/21/2024 09:22		0.29	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature		10/18/2024 15:04		18.5	°C		
pH, Soils		10/18/2024 15:04		8.31	SU	0.01	EPA 9045D
Total Metals, Soils - Arsenic		10/21/2024 09:46	10.00	5.18	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		10/21/2024 09:46	10.00	101.07	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		10/21/2024 09:46	10.00	0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		10/21/2024 09:46	10.00	12.50	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		10/21/2024 09:46	10.00	6.35	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		10/21/2024 09:46	10.00	11.40	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		10/21/2024 09:46	10.00	2.91	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		10/21/2024 09:46	10.00	<0.03	mg/kg	0.03	EPA 6020B
Total Metals, Soils - Zinc		10/21/2024 09:46	10.00	35.72	mg/kg	0.025	EPA 6020B
<b>AA13206-3</b>	PW W	<b>Collected : 10/15/2024 16:30</b>					
DRO & ORO, Soil - DRO		10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil		10/21/2024 10:17		Not Detected	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - 2-methylnaphthalene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Pyrene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		10/21/2024 15:19		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/21/2024 15:19		<0.0050	mg/kg	0.005	EPA 8260

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - Benzene		10/21/2024 15:19		Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		10/21/2024 15:19		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		10/21/2024 15:19		<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		10/21/2024 15:19		<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		10/21/2024 15:19		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		10/21/2024 15:19		<0.0065	mg/kg	0.00654	EPA 8260

**AA13207-1** PW N**Collected :** 10/15/2024 16:30

SAR - Calcium	10/22/2024 10:30	10.00	2.10	mEq/L		EPA 6020B
SAR - Magnesium	10/22/2024 10:30	10.00	1.05	mEq/L		EPA 6020B
SAR - Sodium	10/22/2024 10:30	10.00	0.32	mEq/L		EPA 6020B
SAR - Sodium Adsorption Ratio	10/22/2024 10:30	10.00	0.26	No Unit		EPA 6020B
Soil Conductivity	10/21/2024 16:09		0.33	mmhos/cm	0.0005	USDA 60

**AA13207-2** PW N**Collected :** 10/15/2024 16:30

Chromium VI, Soil	10/21/2024 08:58		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	10/21/2024 09:22		0.44	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature	10/18/2024 15:04		18.6	°C		
pH, Soils	10/18/2024 15:04		8.25	SU	0.01	EPA 9045D
Total Metals, Soils - Arsenic	10/21/2024 09:46	10.00	5.34	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	10/21/2024 09:46	10.00	115.27	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	10/21/2024 09:46	10.00	0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	10/21/2024 09:46	10.00	13.18	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	10/21/2024 09:46	10.00	6.68	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	10/21/2024 09:46	10.00	11.96	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	10/21/2024 09:46	10.00	2.86	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	10/21/2024 09:46	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	10/21/2024 09:46	10.00	37.55	mg/kg	0.025	EPA 6020B

**AA13207-3** PW N**Collected :** 10/15/2024 16:30

DRO & ORO, Soil - DRO	10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil	10/21/2024 10:17		Not Detected	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - 2-methylnaphthalene	10/22/2024 16:43		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Indeno(1,2,3-cd)pyrene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Pyrene		10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		10/21/2024 15:34		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/21/2024 15:34		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		10/21/2024 15:34		Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		10/21/2024 15:34		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		10/21/2024 15:34		<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		10/21/2024 15:34		Not Detected	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		10/21/2024 15:34		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		10/21/2024 15:34		<0.0065	mg/kg	0.00654	EPA 8260

**AA13208-1** PW S**Collected :** 10/15/2024 16:30

SAR - Calcium	10/22/2024 10:30	10.00	1.30	mEq/L		EPA 6020B
SAR - Magnesium	10/22/2024 10:30	10.00	0.74	mEq/L		EPA 6020B
SAR - Sodium	10/22/2024 10:30	10.00	10.65	mEq/L		EPA 6020B
SAR - Sodium Adsorption Ratio	10/22/2024 10:30	10.00	10.54	No Unit		EPA 6020B
Soil Conductivity	10/21/2024 16:09		1.63	mmhos/cm	0.0005	USDA 60

**AA13208-2** PW S**Collected :** 10/15/2024 16:30

Chromium VI, Soil	10/21/2024 08:58		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	10/21/2024 09:22		0.35	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature	10/18/2024 15:04		18.5	°C		
pH, Soils	10/18/2024 15:04		8.52	SU	0.01	EPA 9045D
Total Metals, Soils - Arsenic	10/21/2024 09:46	10.00	4.59	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	10/21/2024 09:46	10.00	95.77	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	10/21/2024 09:46	10.00	0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	10/21/2024 09:46	10.00	11.75	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	10/21/2024 09:46	10.00	5.83	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	10/21/2024 09:46	10.00	10.39	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	10/21/2024 09:46	10.00	2.79	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	10/21/2024 09:46	10.00	<0.03	mg/kg	0.03	EPA 6020B
Total Metals, Soils - Zinc	10/21/2024 09:46	10.00	33.30	mg/kg	0.025	EPA 6020B

**AA13208-3** PW S**Collected :** 10/15/2024 16:30

DRO & ORO, Soil - DRO	10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	10/21/2024 11:51		Not Detected	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil	10/21/2024 10:17		Not Detected	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - 2-methylnaphthalene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)anthracene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	10/22/2024 16:43		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	10/22/2024 16:43		Not Detected	mg/kg	0.010	EPA 8270

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Benzo(k)fluoranthene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Pyrene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		10/21/2024	15:34	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/21/2024	15:34	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		10/21/2024	15:34	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		10/21/2024	15:34	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		10/21/2024	15:34	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		10/21/2024	15:34	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		10/21/2024	15:34	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		10/21/2024	15:34	<0.0065	mg/kg	0.00654	EPA 8260

**AA13209-1** PW FLOOR**Collected :** 10/15/2024 16:30

SAR - Calcium	10/22/2024	10:30	10.00	2.25	mEq/L		EPA 6020B
SAR - Magnesium	10/22/2024	10:30	10.00	2.90	mEq/L		EPA 6020B
SAR - Sodium	10/22/2024	10:30	10.00	0.91	mEq/L		EPA 6020B
SAR - Sodium Adsorption Ratio	10/22/2024	10:30	10.00	0.57	No Unit		EPA 6020B
Soil Conductivity	10/21/2024	16:09		0.60	mmhos/cm	0.0005	USDA 60

**AA13209-2** PW FLOOR**Collected :** 10/15/2024 16:30

Chromium VI, Soil	10/21/2024	08:58		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	10/21/2024	09:22		0.40	mg/kg	0.050	Boron Hot Water Extraction
pH, Soils Temperature	10/18/2024	15:04		18.6	°C		
pH, Soils	10/18/2024	15:04		8.25	SU	0.01	EPA 9045D
Total Metals, Soils - Arsenic	10/21/2024	09:46	10.00	4.83	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	10/21/2024	09:46	10.00	65.42	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	10/21/2024	09:46	10.00	0.06	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	10/21/2024	09:46	10.00	11.18	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	10/21/2024	09:46	10.00	5.51	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	10/21/2024	09:46	10.00	10.65	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	10/21/2024	09:46	10.00	2.21	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	10/21/2024	09:46	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	10/21/2024	09:46	10.00	29.74	mg/kg	0.025	EPA 6020B

**AA13209-3** PW FLOOR**Collected :** 10/15/2024 16:30

DRO & ORO, Soil - DRO	10/21/2024	11:51		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	10/21/2024	11:51		Not Detected	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil	10/21/2024	10:17		<0.27	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene	10/22/2024	16:43		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - 2-methylnaphthalene	10/22/2024	16:43		Not Detected	mg/kg	0.010	EPA 8270

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Acenaphthene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Pyrene		10/22/2024	16:43	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		10/21/2024	15:34	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/21/2024	15:34	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		10/21/2024	15:34	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		10/21/2024	15:34	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		10/21/2024	15:34	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		10/21/2024	15:34	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		10/21/2024	15:34	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		10/21/2024	15:34	<0.0065	mg/kg	0.00654	EPA 8260





## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

# FINAL RESULTS REPORT

Report Date : 10/23/2024

Report Time : 12:52

Project Manager: Ryan Dornbos

Project Name: State 44-36 Battery

Project Number: N/A

## QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
<b>BORON-5298</b>										
DUP	AA13200	0.24	0.050	mg/kg					<%MDL%	-15 - 15
MB	AA13228	0.01		mg/kg						
LCS	AA13229	1.03		mg/kg	1.00		103	80 - 120		
LCS	AA13230	10.41		mg/kg	9.00		116	80 - 120		
<b>CHROM_VI_SOIL-5316</b>										
DUP	AA13200	<0.08	0.080	mg/kg						
MB	AA13249	Not Detected		mg/kg						
LCS	AA13251	0.04		mg/kg	0.04		100			
LCS	AA13252	0.04		mg/kg	0.04		100			
<b>ECISOIL_MMHOS-5346</b>										
DUP	AA13200	0.58		mmhos/cm					5.0420	
LCS	AA13305	9.77		mmhos/cm	10.00		97.7			
LCS	AA13306	9.74		mmhos/cm	10.00		97.4			
<b>GRO_SOIL-5296</b>										
DUP	AA13200	1.66	0.26827	mg/kg					9.4637	
Matrix Spike	AA13200	1.51		mg/kg	2.15		70.2			
MB	AA13222	<0.27		mg/kg						
LCS	AA13223	1.56		mg/kg	2.15		72.6			
LCS	AA13224	2.59		mg/kg	2.15		120			
<b>PH_S-5320</b>										
DUP	AA13200	8.33	0.01	S.U.					0.6020469596	-5 - 5
LCS	AA13261	6.94	0.01	S.U.	6.86		101	95 - 105		
LCS	AA13262	6.78	0.01	S.U.	6.86		98.8	95 - 105		



## Division of Environmental Testing

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800-440-5184

# FINAL RESULTS REPORT

Report Date : 10/23/2024

Report Time : 12:52

Project Manager: Ryan Dornbos

Project Name: State 44-36 Battery

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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### DRO\_ORO\_SOIL-5331

#### AA13200

Dup	DRO	404.83				Not Detected			14.2	
Dup	ORO	352.81				Not Detected			24.7	
Matrix Spike	DRO	351.12		mg/kg	350	Not Detected	100			
Matrix Spike	ORO	275.25		mg/kg	350	Not Detected	78.6			

#### AA13267

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

#### AA13268

LCS	DRO	400.26		mg/kg			114			
LCS	ORO	353.65		mg/kg			101			

#### AA13269

LCS	DRO	445.82		mg/kg			127			
LCS	ORO	329.72		mg/kg			94.2			

### METALS S-5299

#### AA13200

Dup	Arsenic	4.15	0.025	mg/kg		4.19			0.959	0 - 15
Dup	Barium	73.26	0.025	mg/kg		70.37			4.02	0 - 15
Dup	Cadmium	0.12	0.001	mg/kg		0.12			<%MDL%	0 - 15
Dup	Copper	14.05	0.025	mg/kg		13.56			3.55	0 - 15
Dup	Lead	7.92	0.025	mg/kg		7.97			0.629	0 - 15
Dup	Nickel	9.08	0.025	mg/kg		8.44			7.31	0 - 15
Dup	Selenium	2.91	0.025	mg/kg		3.06			5.03	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.03				
Dup	Zinc	30.58	0.025	mg/kg		28.57			6.80	0 - 15
Matrix Spike	Arsenic	20.92		mg/kg	20	4.19	83.6			
Matrix Spike	Barium	92.27		mg/kg	20	70.37	110			
Matrix Spike	Cadmium	17.67		mg/kg	20	0.12	87.8			
Matrix Spike	Copper	32.42		mg/kg	20	13.56	94.3			
Matrix Spike	Lead	25.86		mg/kg	20	7.97	89.4			
Matrix Spike	Nickel	26.51		mg/kg	20	8.44	90.4			
Matrix Spike	Selenium	20.28		mg/kg	20	3.06	86.1			
Matrix Spike	Silver	17.82		mg/kg	20	<0.03	89.1			
Matrix Spike	Zinc	49.25		mg/kg	20	28.57	103			

#### AA13231

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						

#### AA13233

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Arsenic	0.09		mg/kg			100	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.09		mg/kg			100	80 - 120		
LCS	Copper	0.09		mg/kg			90.0	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.09		mg/kg			90.0	80 - 120		
LCS	Selenium	0.09		mg/kg			100	80 - 120		
LCS	Silver	0.09		mg/kg			90.0	80 - 120		
LCS	Zinc	0.09		mg/kg			100	80 - 120		

**AA13234**

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

**SAR-5369****AA13200**

Dup	Calcium	3.40		mEq/L	3.40	3.69			8.18	
Dup	Magnesium	0.93		mEq/L	0.93	1.01			8.25	
Dup	Sodium	1.15		mEq/L	1.15	1.23			6.72	
Dup	Sodium Adsorption Ratio	0.78		mEq/L	0.78	0.80			2.53	

**AA13277**

Dup	Calcium	4.23		mEq/L	4.23	3.91			7.86	
Dup	Magnesium	1.58		mEq/L	1.58	1.48			6.54	
Dup	Sodium	1.71		mEq/L	1.71	1.63			4.79	
Dup	Sodium Adsorption Ratio	1.00		mEq/L	1.00	0.99			1.01	

**AA13346**

MB	Calcium	-0.50		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.01		mEq/L						
MB	Sodium Adsorption Ratio	0.00								

**AA13347**

LCS	Calcium	9.74		ppm			97.4			
LCS	Magnesium	9.92		ppm			99.2			
LCS	Sodium	9.68		ppm			96.8			
LCS	Sodium Adsorption Ratio	0.52		ppm			100			

**AA13348**

LCS	Calcium	498.81		ppm			99.8			
LCS	Magnesium	514.46		ppm			103			
LCS	Sodium	517.51		ppm			104			
LCS	Sodium Adsorption Ratio	3.88		ppm			105			

**SVOC\_SOIL-5347**



## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

# FINAL RESULTS REPORT

Report Date : 10/23/2024

Report Time : 12:52

Project Manager: Ryan Dornbos

Project Name: State 44-36 Battery

Project Number: N/A

## QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
<b>AA13270</b>										
Dup	1-methylnaphthalene	0.76	0.010	mg/kg		0.41			8.81	
Dup	2-methylnaphthalene	0.44	0.010	mg/kg		0.12			8.70	
Dup	Acenaphthene	0.29	0.010	mg/kg		0.018			9.84	
Dup	Anthracene	0.34	0.010	mg/kg		Not Detected			11.1	
Dup	Benz(a)anthracene	0.32	0.010	mg/kg		<0.010			<0.010	
Dup	Benzo(a)pyrene	0.34	0.010	mg/kg		Not Detected			<0.010	
Dup	Benzo(b)fluoranthene	0.31	0.010	mg/kg		Not Detected			3.17	
Dup	Benzo(k)fluoranthene	0.31	0.010	mg/kg		Not Detected			<0.010	
Dup	Chrysene	0.30	0.010	mg/kg		<0.010			3.28	
Dup	Dibenz(a,h)anthracene	0.26	0.010	mg/kg		Not Detected			3.77	
Dup	Fluoranthene	0.41	0.010	mg/kg		0.034			2.41	
Dup	Fluorene	0.41	0.010	mg/kg		0.17			11.5	
Dup	Indeno(1,2,3-cd)pyrene	0.26	0.010	mg/kg		Not Detected			3.77	
Dup	Naphthalene	0.33	0.010	mg/kg		Not Detected			2.99	
Dup	Pyrene	0.40	0.010	mg/kg		0.027			2.47	
Matrix Spike	1-methylnaphthalene	0.83	0.010	mg/kg	0.30	0.41	140			
Matrix Spike	2-methylnaphthalene	0.48	0.010	mg/kg	0.30	0.12	120			
Matrix Spike	Acenaphthene	0.32	0.010	mg/kg	0.30	0.018	101			
Matrix Spike	Anthracene	0.38	0.010	mg/kg	0.30	Not Detected	127			
Matrix Spike	Benz(a)anthracene	0.32	0.010	mg/kg	0.30	<0.010	107			
Matrix Spike	Benzo(a)pyrene	0.34	0.010	mg/kg	0.30	Not Detected	113			
Matrix Spike	Benzo(b)fluoranthene	0.32	0.010	mg/kg	0.30	Not Detected	107			
Matrix Spike	Benzo(k)fluoranthene	0.31	0.010	mg/kg	0.30	Not Detected	103			
Matrix Spike	Chrysene	0.31	0.010	mg/kg	0.30	<0.010	103			
Matrix Spike	Dibenz(a,h)anthracene	0.27	0.010	mg/kg	0.30	Not Detected	90.0			
Matrix Spike	Fluoranthene	0.42	0.010	mg/kg	0.30	0.034	129			
Matrix Spike	Fluorene	0.46	0.010	mg/kg	0.30	0.17	96.7			
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.27	0.010	mg/kg	0.30	Not Detected	90.0			
Matrix Spike	Naphthalene	0.34	0.010	mg/kg	0.30	Not Detected	113			
Matrix Spike	Pyrene	0.41	0.010	mg/kg	0.30	0.027	128			
<b>AA13307</b>										
MB	1-methylnaphthalene	<0.010	0.010	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	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	<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	0.010	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						



## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

# FINAL RESULTS REPORT

Report Date : 10/23/2024

Report Time : 12:52

Project Manager: Ryan Dornbos

Project Name: State 44-36 Battery

Project Number: N/A

## QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
<b>AA13308</b>										
LCS	1-methylnaphthalene	0.28	0.010	mg/kg			93.3			
LCS	2-methylnaphthalene	0.29	0.010	mg/kg			96.7			
LCS	Acenaphthene	0.32	0.010	mg/kg			107			
LCS	Anthracene	0.29	0.010	mg/kg			96.7			
LCS	Benz(a)anthracene	0.27	0.010	mg/kg			90.0			
LCS	Benzo(a)pyrene	0.32	0.010	mg/kg			107			
LCS	Benzo(b)fluoranthene	0.32	0.010	mg/kg			107			
LCS	Benzo(k)fluoranthene	0.31	0.010	mg/kg			103			
LCS	Chrysene	0.28	0.010	mg/kg			93.3			
LCS	Dibenz(a,h)anthracene	0.28	0.010	mg/kg			93.3			
LCS	Fluoranthene	0.31	0.010	mg/kg			103			
LCS	Fluorene	0.26	0.010	mg/kg			86.7			
LCS	Indeno(1,2,3-cd)pyrene	0.28	0.010	mg/kg			93.3			
LCS	Naphthalene	0.26	0.010	mg/kg			86.7			
LCS	Pyrene	0.33	0.010	mg/kg			110			

<b>AA13309</b>										
LCS	1-methylnaphthalene	0.32	0.010	mg/kg			107			
LCS	2-methylnaphthalene	0.33	0.010	mg/kg			110			
LCS	Acenaphthene	0.33	0.010	mg/kg			110			
LCS	Anthracene	0.32	0.010	mg/kg			107			
LCS	Benz(a)anthracene	0.31	0.010	mg/kg			103			
LCS	Benzo(a)pyrene	0.32	0.010	mg/kg			107			
LCS	Benzo(b)fluoranthene	0.33	0.010	mg/kg			110			
LCS	Benzo(k)fluoranthene	0.33	0.010	mg/kg			110			
LCS	Chrysene	0.32	0.010	mg/kg			107			
LCS	Dibenz(a,h)anthracene	0.30	0.010	mg/kg			100			
LCS	Fluoranthene	0.35	0.010	mg/kg			117			
LCS	Fluorene	0.31	0.010	mg/kg			103			
LCS	Indeno(1,2,3-cd)pyrene	0.30	0.010	mg/kg			100			
LCS	Naphthalene	0.30	0.010	mg/kg			100			
LCS	Pyrene	0.36	0.010	mg/kg			120			

## SVOC SOIL-5379

<b>AA13205</b>										
Dup	1-methylnaphthalene	0.269	0.010	mg/kg		<0.010			5.78	
Dup	2-methylnaphthalene	0.292	0.010	mg/kg		<0.010			4.36	
Dup	Acenaphthene	0.241	0.010	mg/kg		Not Detected			2.86	
Dup	Acenaphthylene	Not Tested		mg/kg						
Dup	Anthracene	0.294	0.010	mg/kg		Not Detected			5.30	
Dup	Benz(a)anthracene	0.282	0.010	mg/kg		Not Detected			9.46	
Dup	Benzo(a)pyrene	0.319	0.010	mg/kg		<0.010			0.313	
Dup	Benzo(b)fluoranthene	0.313	0.010	mg/kg		Not Detected			1.58	
Dup	Benzo(g,h,i)perylene	Not Tested		mg/kg						
Dup	Benzo(k)fluoranthene	0.287	0.010	mg/kg		Not Detected			5.09	
Dup	Chrysene	0.275	0.010	mg/kg		Not Detected			11.3	
Dup	Dibenz(a,h)anthracene	0.245	0.010	mg/kg		Not Detected			2.42	



**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Fluoranthene	0.336	0.010	mg/kg		Not Detected			4.37	
Dup	Fluorene	0.282	0.010	mg/kg		Not Detected			6.85	
Dup	Indeno(1,2,3-cd)pyrene	0.242	0.010	mg/kg		Not Detected			2.45	
Dup	Naphthalene	0.261	0.010	mg/kg		Not Detected			5.22	
Dup	Phenanthrene	Not Tested		mg/kg						
Dup	Pyrene	0.340	0.010	mg/kg		Not Detected			4.60	
Matrix Spike	1-methylnaphthalene	0.285	0.010	mg/kg	0.300	<0.010	95.0			
Matrix Spike	2-methylnaphthalene	0.305	0.010	mg/kg	0.300	<0.010	102			
Matrix Spike	Acenaphthene	0.248	0.010	mg/kg	0.300	Not Detected	82.7			
Matrix Spike	Acenaphthylene	Not Tested		mg/kg						
Matrix Spike	Anthracene	0.310	0.010	mg/kg	0.300	Not Detected	103			
Matrix Spike	Benz(a)anthracene	0.310	0.010	mg/kg	0.300	Not Detected	103			
Matrix Spike	Benzo(a)pyrene	0.320	0.010	mg/kg	0.300	<0.010	107			
Matrix Spike	Benzo(b)fluoranthene	0.318	0.010	mg/kg	0.300	Not Detected	106			
Matrix Spike	Benzo(g,h,i)perylene	Not Tested		mg/kg						
Matrix Spike	Benzo(k)fluoranthene	0.302	0.010	mg/kg	0.300	Not Detected	101			
Matrix Spike	Chrysene	0.308	0.010	mg/kg	0.300	Not Detected	103			
Matrix Spike	Dibenz(a,h)anthracene	0.251	0.010	mg/kg	0.300	Not Detected	83.7			
Matrix Spike	Fluoranthene	0.351	0.010	mg/kg	0.300	Not Detected	117			
Matrix Spike	Fluorene	0.302	0.010	mg/kg	0.300	Not Detected	101			
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.248	0.010	mg/kg	0.300	Not Detected	82.7			
Matrix Spike	Naphthalene	0.275	0.010	mg/kg	0.300	Not Detected	91.7			
Matrix Spike	Phenanthrene	Not Tested		mg/kg						
Matrix Spike	Pyrene	0.356	0.010	mg/kg	0.300	Not Detected	119			

**AA13373**

MB	1-methylnaphthalene	Not Detected	0.010	mg/kg						
MB	2-methylnaphthalene	Not Detected	0.010	mg/kg						
MB	Acenaphthene	Not Detected	0.010	mg/kg						
MB	Acenaphthylene	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(g,h,i)perylene	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	0.010	mg/kg						
MB	Phenanthrene	Not Detected	0.010	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

**AA13374**

LCS	1-methylnaphthalene	0.298	0.010	mg/kg			99.3			
LCS	2-methylnaphthalene	0.306	0.010	mg/kg			102			
LCS	Acenaphthene	0.268	0.010	mg/kg			89.3			

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Acenaphthylene	Not Tested		mg/kg						
LCS	Anthracene	0.292	0.010	mg/kg			97.3			
LCS	Benz(a)anthracene	0.291	0.010	mg/kg			97.0			
LCS	Benzo(a)pyrene	0.309	0.010	mg/kg			103			
LCS	Benzo(b)fluoranthene	0.306	0.010	mg/kg			102			
LCS	Benzo(g,h,i)perylene	Not Tested		mg/kg						
LCS	Benzo(k)fluoranthene	0.287	0.010	mg/kg			95.7			
LCS	Chrysene	0.291	0.010	mg/kg			97.0			
LCS	Dibenz(a,h)anthracene	0.246	0.010	mg/kg			82.0			
LCS	Fluoranthene	0.317	0.010	mg/kg			106			
LCS	Fluorene	0.310	0.010	mg/kg			103			
LCS	Indeno(1,2,3-cd)pyrene	0.243	0.010	mg/kg			81.0			
LCS	Naphthalene	0.271	0.010	mg/kg			90.3			
LCS	Phenanthrene	Not Tested		mg/kg						
LCS	Pyrene	0.311	0.010	mg/kg			104			

**AA13375**

LCS	1-methylnaphthalene	0.310	0.010	mg/kg			103			
LCS	2-methylnaphthalene	0.319	0.010	mg/kg			106			
LCS	Acenaphthene	0.267	0.010	mg/kg			89.0			
LCS	Acenaphthylene	Not Tested		mg/kg						
LCS	Anthracene	0.300	0.010	mg/kg			100			
LCS	Benz(a)anthracene	0.268	0.010	mg/kg			89.3			
LCS	Benzo(a)pyrene	0.297	0.010	mg/kg			99.0			
LCS	Benzo(b)fluoranthene	0.285	0.010	mg/kg			95.0			
LCS	Benzo(g,h,i)perylene	Not Tested		mg/kg						
LCS	Benzo(k)fluoranthene	0.278	0.010	mg/kg			92.7			
LCS	Chrysene	0.270	0.010	mg/kg			90.0			
LCS	Dibenz(a,h)anthracene	0.258	0.010	mg/kg			86.0			
LCS	Fluoranthene	0.323	0.010	mg/kg			108			
LCS	Fluorene	0.316	0.010	mg/kg			105			
LCS	Indeno(1,2,3-cd)pyrene	0.252	0.010	mg/kg			84.0			
LCS	Naphthalene	0.283	0.010	mg/kg			94.3			
LCS	Phenanthrene	Not Tested		mg/kg						
LCS	Pyrene	0.324	0.010	mg/kg			108			

**VOC S-5293****AA13200**

Dup	1,2,4-trimethylbenzene	0.056		mg/kg		<0.0025		7.41		
Dup	1,3,5-trimethylbenzene	0.054		mg/kg		<0.0050		8.85		
Dup	Benzene	0.074		mg/kg		Not Detected		<%MDL%		
Dup	Ethylbenzene	0.062		mg/kg		Not Detected		8.40		
Dup	m&p- xylene	0.115		mg/kg		<0.0042		<%MDL%		
Dup	o-xylene	0.062		mg/kg		<0.0022		6.67		
Dup	Toluene	0.067		mg/kg		<0.0026		<%MDL%		
Dup	Xylenes, total	0.177		mg/kg		<0.0065		2.29		
Matrix Spike	1,2,4-trimethylbenzene	0.045		mg/kg	0.050	<0.0025	90.0			
Matrix Spike	1,3,5-trimethylbenzene	0.042		mg/kg	0.050	<0.0050	84.0			



## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

# FINAL RESULTS REPORT

Report Date : 10/23/2024

Report Time : 12:52

Project Manager: Ryan Dornbos

Project Name: State 44-36 Battery

Project Number: N/A

## QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Benzene	0.061		mg/kg	0.050	Not Detected	122			
Matrix Spike	Ethylbenzene	0.048		mg/kg	0.050	Not Detected	96.0			
Matrix Spike	m&p- xylene	0.095		mg/kg	0.100	<0.0042	95.0			
Matrix Spike	o-xylene	0.049		mg/kg	0.050	<0.0022	98.0			
Matrix Spike	Toluene	0.056		mg/kg	0.050	<0.0026	112			
Matrix Spike	Xylenes, total	0.144		mg/kg	0.150	<0.0065	96.0			

## AA13219

MB	1,2,4-trimethylbenzene	<0.0025	mg/kg
MB	1,3,5-trimethylbenzene	<0.0050	mg/kg
MB	Benzene	<0.0024	mg/kg
MB	Ethylbenzene	<0.0050	mg/kg
MB	m&p- xylene	<0.0043	mg/kg
MB	o-xylene	<0.0023	mg/kg
MB	Toluene	<0.0026	mg/kg
MB	Xylenes, total	<0.0065	mg/kg

## AA13220

LCS	1,2,4-trimethylbenzene	0.054	mg/kg	108
LCS	1,3,5-trimethylbenzene	0.050	mg/kg	100
LCS	Benzene	0.059	mg/kg	118
LCS	Ethylbenzene	0.049	mg/kg	98.0
LCS	m&p- xylene	0.097	mg/kg	97.0
LCS	o-xylene	0.052	mg/kg	104
LCS	Toluene	0.055	mg/kg	110
LCS	Xylenes, total	0.149	mg/kg	99.3

## AA13221

LCS	1,2,4-trimethylbenzene	0.063	mg/kg	126
LCS	1,3,5-trimethylbenzene	0.050	mg/kg	100
LCS	Benzene	0.051	mg/kg	102
LCS	Ethylbenzene	0.052	mg/kg	104
LCS	m&p- xylene	0.098	mg/kg	98.0
LCS	o-xylene	0.058	mg/kg	116
LCS	Toluene	0.051	mg/kg	102
LCS	Xylenes, total	0.156	mg/kg	104

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 10/23/2024**Report Time :** 12:52**Project Manager:** Ryan Dornbos**Project Name:** State 44-36 Battery**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery

QualifierExplanation

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