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## Technical Report for

**Chevron USA, Inc.**

**CDH: Lindsey 1-35**

**PDC/PO#UWRWE-A5081-ABN**

**SGS Job Number: DA76239**

**Sampling Date: 10/14/25**

### Report to:

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**ATTN: David Stainback**

**Total number of pages in report: 111**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

**Eric Hoffman**

**Client Service contact: Parna Payandeh 303-425-6021**

Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

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# Table of Contents

-1-

<b>Section 1: Sample Summary .....</b>	<b>4</b>
<b>Section 2: Summary of Hits .....</b>	<b>6</b>
<b>Section 3: Sample Results .....</b>	<b>9</b>
<b>3.1: DA76239-1: WH01@4.5' .....</b>	<b>10</b>
<b>3.2: DA76239-1A: WH01@4.5' .....</b>	<b>15</b>
<b>3.3: DA76239-1B: WH01@4.5' .....</b>	<b>17</b>
<b>3.4: DA76239-2: FL01-R@3.5' .....</b>	<b>18</b>
<b>3.5: DA76239-2A: FL01-R@3.5' .....</b>	<b>23</b>
<b>3.6: DA76239-2B: FL01-R@3.5' .....</b>	<b>25</b>
<b>3.7: DA76239-3: BKG01@4' .....</b>	<b>26</b>
<b>3.8: DA76239-3A: BKG01@4' .....</b>	<b>28</b>
<b>3.9: DA76239-3B: BKG01@4' .....</b>	<b>30</b>
<b>3.10: DA76239-4: BKG02@4' .....</b>	<b>31</b>
<b>3.11: DA76239-4A: BKG02@4' .....</b>	<b>33</b>
<b>3.12: DA76239-4B: BKG02@4' .....</b>	<b>35</b>
<b>3.13: DA76239-5: BKG03@4' .....</b>	<b>36</b>
<b>3.14: DA76239-5A: BKG03@4' .....</b>	<b>38</b>
<b>3.15: DA76239-5B: BKG03@4' .....</b>	<b>40</b>
<b>Section 4: Misc. Forms .....</b>	<b>41</b>
<b>4.1: Chain of Custody .....</b>	<b>42</b>
<b>Section 5: MS Volatiles - QC Data Summaries .....</b>	<b>44</b>
<b>5.1: Method Blank Summary .....</b>	<b>45</b>
<b>5.2: Blank Spike Summary .....</b>	<b>47</b>
<b>5.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>	<b>51</b>
<b>Section 6: MS Semi-volatiles - QC Data Summaries .....</b>	<b>55</b>
<b>6.1: Method Blank Summary .....</b>	<b>56</b>
<b>6.2: Blank Spike Summary .....</b>	<b>57</b>
<b>6.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>	<b>58</b>
<b>Section 7: GC/LC Semi-volatiles - QC Data Summaries .....</b>	<b>59</b>
<b>7.1: Method Blank Summary .....</b>	<b>60</b>
<b>7.2: Blank Spike Summary .....</b>	<b>61</b>
<b>7.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>	<b>63</b>
<b>Section 8: Metals Analysis - QC Data Summaries .....</b>	<b>65</b>
<b>8.1: Prep QC MP43638: B .....</b>	<b>66</b>
<b>8.2: Prep QC MP43640: As,Ba,Cd,Cu,Pb,Ni,Se,Ag,Zn .....</b>	<b>74</b>
<b>8.3: Prep QC MP43663: B .....</b>	<b>79</b>
<b>8.4: Prep QC MP43664: As,Ba,Cd,Cu,Pb,Ni,Se,Ag,Zn .....</b>	<b>87</b>
<b>8.5: Prep QC MP43696: Ca,Mg,Na .....</b>	<b>92</b>
<b>Section 9: General Chemistry - QC Data Summaries .....</b>	<b>102</b>
<b>9.1: Method Blank and Spike Results Summary .....</b>	<b>103</b>
<b>9.2: Duplicate Results Summary .....</b>	<b>104</b>
<b>Section 10: Misc. Forms (SGS Dayton, NJ) .....</b>	<b>105</b>

# Table of Contents

-2-

<b>10.1:</b> Chain of Custody .....	106
<b>Section 11: General Chemistry - QC Data (SGS Dayton, NJ) .....</b>	<b>108</b>
<b>11.1:</b> Method Blank and Spike Results Summary .....	109
<b>11.2:</b> Duplicate Results Summary .....	110
<b>11.3:</b> Matrix Spike Results Summary .....	111

1

2

3

4

5

6

7

8

9

10

11



## Sample Summary

Chevron USA, Inc.

**Job No:** DA76239

CDH: Lindsey 1-35

Project No: PDC/PO#UWRWE-A5081-ABN

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA76239-1	10/14/25	11:20 DT	10/14/25	SO	Soil	WH01@4.5'
DA76239-1A	10/14/25	11:20 DT	10/14/25	SO	Soil	WH01@4.5'
DA76239-1B	10/14/25	11:20 DT	10/14/25	SO	Soil	WH01@4.5'
DA76239-2	10/14/25	11:22 DT	10/14/25	SO	Soil	FL01-R@3.5'
DA76239-2A	10/14/25	11:22 DT	10/14/25	SO	Soil	FL01-R@3.5'
DA76239-2B	10/14/25	11:22 DT	10/14/25	SO	Soil	FL01-R@3.5'
DA76239-3	10/14/25	11:19 SHG	10/14/25	SO	Soil	BKG01@4'
DA76239-3A	10/14/25	11:19 SHG	10/14/25	SO	Soil	BKG01@4'
DA76239-3B	10/14/25	11:19 SHG	10/14/25	SO	Soil	BKG01@4'
DA76239-4	10/14/25	11:28 SHG	10/14/25	SO	Soil	BKG02@4'
DA76239-4A	10/14/25	11:28 SHG	10/14/25	SO	Soil	BKG02@4'
DA76239-4B	10/14/25	11:28 SHG	10/14/25	SO	Soil	BKG02@4'
DA76239-5	10/14/25	11:35 SHG	10/14/25	SO	Soil	BKG03@4'

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Soil samples reported on a dry weight basis unless otherwise indicated on result page.



## Sample Summary

(continued)

Chevron USA, Inc.

**Job No:** DA76239

CDH: Lindsey 1-35

Project No: PDC/PO#UWRWE-A5081-ABN

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
DA76239-5A	10/14/25	11:35	SHG	10/14/25	SO Soil	BKG03@4'
DA76239-5B	10/14/25	11:35	SHG	10/14/25	SO Soil	BKG03@4'

---

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

## Summary of Hits

**Job Number:** DA76239  
**Account:** Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35  
**Collected:** 10/14/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA76239-1 WH01@4.5'**

Arsenic	3.2	0.17			mg/kg	SW846 6020B
Barium	96.7	1.7			mg/kg	SW846 6020B
Cadmium	0.12	0.087			mg/kg	SW846 6020B
Copper	7.5	1.7			mg/kg	SW846 6020B
Lead	12.4	0.43			mg/kg	SW846 6020B
Nickel	9.2	1.7			mg/kg	SW846 6020B
Selenium	0.17	0.17			mg/kg	SW846 6020B
Zinc	38.3	8.7			mg/kg	SW846 6020B
pH	7.97				su	WREP-125,4E-SATPASTE
Specific Conductivity	0.53	0.0010			mmhos/cm	SM 2510B-2011 MOD

**DA76239-1A WH01@4.5'**

Calcium	64.9	6.0			mg/l	SW846 6010C
Magnesium	15.2	3.0			mg/l	SW846 6010C
Sodium	19.5	6.0			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>a</sup>	0.566				ratio	USDA HANDBOOK 60

**DA76239-1B WH01@4.5'**

No hits reported in this sample.

**DA76239-2 FL01-R@3.5'**

TPH-DRO (C10-C28)	28.5	4.6			mg/kg	SW846-8015C
TPH-ORO (> C28-C36)	69.5	7.0			mg/kg	SW846-8015C
Arsenic	4.4	0.18			mg/kg	SW846 6020B
Barium	151	1.8			mg/kg	SW846 6020B
Cadmium	0.25	0.092			mg/kg	SW846 6020B
Copper	11.9	1.8			mg/kg	SW846 6020B
Lead	65.4	0.46			mg/kg	SW846 6020B
Nickel	12.0	1.8			mg/kg	SW846 6020B
Zinc	75.4	9.2			mg/kg	SW846 6020B
pH	7.97				su	WREP-125,4E-SATPASTE
Specific Conductivity	0.58	0.0010			mmhos/cm	SM 2510B-2011 MOD

**DA76239-2A FL01-R@3.5'**

Calcium	79.1	6.0			mg/l	SW846 6010C
Magnesium	19.2	3.0			mg/l	SW846 6010C
Sodium	24.7	6.0			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>a</sup>	0.646				ratio	USDA HANDBOOK 60

## Summary of Hits

**Job Number:** DA76239  
**Account:** Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35  
**Collected:** 10/14/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA76239-2B FL01-R@3.5'**

No hits reported in this sample.

**DA76239-3 BKG01@4'**

Arsenic	3.8	0.15		mg/kg	SW846 6020B
Barium	118	1.5		mg/kg	SW846 6020B
Cadmium	0.13	0.075		mg/kg	SW846 6020B
Copper	9.5	1.5		mg/kg	SW846 6020B
Lead	8.4	0.38		mg/kg	SW846 6020B
Nickel	11.5	1.5		mg/kg	SW846 6020B
Selenium	0.22	0.15		mg/kg	SW846 6020B
Zinc	37.7	7.5		mg/kg	SW846 6020B
pH	8.09			su	WREP-125,4E-SATPASTE
Specific Conductivity	0.39	0.0010		mmhos/cm	SM 2510B-2011 MOD

**DA76239-3A BKG01@4'**

Calcium	58.9	6.0		mg/l	SW846 6010C
Magnesium	18.6	3.0		mg/l	SW846 6010C
Sodium	18.9	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>a</sup>	0.550			ratio	USDA HANDBOOK 60

**DA76239-3B BKG01@4'**

No hits reported in this sample.

**DA76239-4 BKG02@4'**

Arsenic	3.5	0.12		mg/kg	SW846 6020B
Barium	130	1.2		mg/kg	SW846 6020B
Cadmium	0.15	0.058		mg/kg	SW846 6020B
Copper	10.5	1.2		mg/kg	SW846 6020B
Lead	8.3	0.29		mg/kg	SW846 6020B
Nickel	12.5	1.2		mg/kg	SW846 6020B
Selenium	0.21	0.12		mg/kg	SW846 6020B
Zinc	39.2	5.8		mg/kg	SW846 6020B
pH	8.12			su	WREP-125,4E-SATPASTE
Specific Conductivity	0.52	0.0010		mmhos/cm	SM 2510B-2011 MOD

**DA76239-4A BKG02@4'**

Calcium	45.1	6.0		mg/l	SW846 6010C
Magnesium	33.8	3.0		mg/l	SW846 6010C

## Summary of Hits

**Job Number:** DA76239  
**Account:** Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35  
**Collected:** 10/14/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Sodium		29.9	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>a</sup>		0.820			ratio	USDA HANDBOOK 60

**DA76239-4B BKG02@4'**

No hits reported in this sample.

**DA76239-5 BKG03@4'**

Arsenic		4.6	0.14		mg/kg	SW846 6020B
Barium		155	1.4		mg/kg	SW846 6020B
Cadmium		0.18	0.068		mg/kg	SW846 6020B
Copper		11.8	1.4		mg/kg	SW846 6020B
Lead		9.8	0.34		mg/kg	SW846 6020B
Nickel		14.4	1.4		mg/kg	SW846 6020B
Selenium		0.25	0.14		mg/kg	SW846 6020B
Zinc		43.8	6.8		mg/kg	SW846 6020B
pH		8.04			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.46	0.0010		mmhos/cm	SM 2510B-2011 MOD

**DA76239-5A BKG03@4'**

Calcium		62.3	6.0		mg/l	SW846 6010C
Magnesium		17.8	3.0		mg/l	SW846 6010C
Sodium		22.0	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>a</sup>		0.633			ratio	USDA HANDBOOK 60

**DA76239-5B BKG03@4'**

No hits reported in this sample.

(a) Calculated as:  $(\text{Na meq/L}) / \sqrt{[(\text{Ca meq/L}) + (\text{Mg meq/L})/2]}$

Sample Results

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Report of Analysis

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## Report of Analysis

<b>Client Sample ID:</b> WH01@4.5'	
<b>Lab Sample ID:</b> DA76239-1	<b>Date Sampled:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/14/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 87.5
<b>Project:</b> CDH: Lindsey 1-35	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9VB3596.D	1	10/24/25 17:42	MB	n/a	n/a	V9V833
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	5.19 g	5.0 ml
Run #2		

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	99%		70-130%

RL = Reporting Limit  
E = Indicates value exceeds calibration range

J = Indicates an estimated value  
B = Indicates analyte found in associated method blank  
N = Indicates presumptive evidence of a compound

# Report of Analysis

3.1  
3

<b>Client Sample ID:</b> WH01@4.5'		
<b>Lab Sample ID:</b> DA76239-1		<b>Date Sampled:</b> 10/14/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 10/14/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 87.5
<b>Project:</b> CDH: Lindsey 1-35		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9G01664.D	1	10/18/25 21:37	ZL	10/17/25 09:30	OP28927	E9G70
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.1 g	9.0 ml
Run #2		

### COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0040	0.0040	mg/kg	
120-12-7	Anthracene	< 0.0040	0.0040	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0050	0.0050	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0040	0.0040	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0040	0.0040	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0040	0.0040	mg/kg	
218-01-9	Chrysene	< 0.0040	0.0040	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0040	0.0040	mg/kg	
206-44-0	Fluoranthene	< 0.0040	0.0040	mg/kg	
86-73-7	Fluorene	< 0.0040	0.0040	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0040	0.0040	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0040	0.0040	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0040	0.0040	mg/kg	
91-20-3	Naphthalene	< 0.0020	0.0020	mg/kg	
129-00-0	Pyrene	< 0.0040	0.0040	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	79%		22-138%
4165-60-0	Nitrobenzene-d5	95%		32-143%
1718-51-0	Terphenyl-d14	95%		48-149%

RL = Reporting Limit  
E = Indicates value exceeds calibration range

J = Indicates an estimated value  
B = Indicates analyte found in associated method blank  
N = Indicates presumptive evidence of a compound

## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> WH01@4.5'	
<b>Lab Sample ID:</b> DA76239-1	<b>Date Sampled:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/14/25
<b>Method:</b> SW846-8015C SW846 3570	<b>Percent Solids:</b> 87.5
<b>Project:</b> CDH: Lindsey 1-35	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW48982.D	1	10/21/25 06:05	JB	10/16/25 10:30	OP28945	GLW1145
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 6.8	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		20-142%

RL = Reporting Limit  
E = Indicates value exceeds calibration range

J = Indicates an estimated value  
B = Indicates analyte found in associated method blank  
N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> WH01@4.5'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-1	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 87.5
<b>Project:</b> CDH: Lindsey 1-35	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	3.2	0.17	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	96.7	1.7	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.12	0.087	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	7.5	1.7	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	12.4	0.43	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	9.2	1.7	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.17	0.17	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.087	0.087	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	38.3	8.7	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19769

(2) Prep QC Batch: MP43640

RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> WH01@4.5'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-1	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 87.5
<b>Project:</b> CDH: Lindsey 1-35	

## General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	87.5		%	1	10/15/25	LM	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH	7.97		su	1	10/16/25 14:33	SG	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity	0.53	0.0010	mmhos/cm	1	10/16/25 14:33	SG	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>a</sup>	< 0.47	0.47	mg/kg	1	11/13/25 10:10	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> WH01@4.5'	
<b>Lab Sample ID:</b> DA76239-1A	<b>Date Sampled:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/14/25
	<b>Percent Solids:</b> 87.5
<b>Project:</b> CDH: Lindsey 1-35	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	64.9	6.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium	15.2	3.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium	19.5	6.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: MA19766

(2) Prep QC Batch: MP43696

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> WH01@4.5'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-1A	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 87.5
<b>Project:</b> CDH: Lindsey 1-35	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.566		ratio	1	10/23/25 20:26	BR	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> WH01@4.5'	
<b>Lab Sample ID:</b> DA76239-1B	<b>Date Sampled:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/14/25
	<b>Percent Solids:</b> 87.5
<b>Project:</b> CDH: Lindsey 1-35	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/17/25	10/20/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19746

(2) Prep QC Batch: MP43638

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> FL01-R@3.5'		
<b>Lab Sample ID:</b> DA76239-2		<b>Date Sampled:</b> 10/14/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 10/14/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 85.3
<b>Project:</b> CDH: Lindsey 1-35		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V95646.D	1	10/18/25 04:39	MB	n/a	n/a	V5V4542
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	110%		70-130%

RL = Reporting Limit  
E = Indicates value exceeds calibration range

J = Indicates an estimated value  
B = Indicates analyte found in associated method blank  
N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> FL01-R@3.5'		<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-2		<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 85.3
<b>Method:</b> SW846 8270E SW846 3570		
<b>Project:</b> CDH: Lindsey 1-35		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9G01665.D	1	10/18/25 21:57	ZL	10/17/25 09:30	OP28927	E9G70
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.1 g	9.0 ml
Run #2		

### COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0041	0.0041	mg/kg	
120-12-7	Anthracene	< 0.0041	0.0041	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0052	0.0052	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0041	0.0041	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0041	0.0041	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0041	0.0041	mg/kg	
218-01-9	Chrysene	< 0.0041	0.0041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0041	0.0041	mg/kg	
206-44-0	Fluoranthene	< 0.0041	0.0041	mg/kg	
86-73-7	Fluorene	< 0.0041	0.0041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0041	0.0041	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0041	0.0041	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	69%		22-138%
4165-60-0	Nitrobenzene-d5	81%		32-143%
1718-51-0	Terphenyl-d14	82%		48-149%

RL = Reporting Limit  
E = Indicates value exceeds calibration range

J = Indicates an estimated value  
B = Indicates analyte found in associated method blank  
N = Indicates presumptive evidence of a compound

## Report of Analysis

3.4  
3

<b>Client Sample ID:</b> FL01-R@3.5'	
<b>Lab Sample ID:</b> DA76239-2	<b>Date Sampled:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/14/25
<b>Method:</b> SW846-8015C SW846 3570	<b>Percent Solids:</b> 85.3
<b>Project:</b> CDH: Lindsey 1-35	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW48983.D	1	10/21/25 06:19	JB	10/16/25 10:30	OP28945	GLW1145
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

**DRO C10-C28, ORO > C28-C36**

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	28.5	4.6	mg/kg	
	TPH-ORO (> C28-C36)	69.5	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		20-142%

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> FL01-R@3.5'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-2	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 85.3
<b>Project:</b> CDH: Lindsey 1-35	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	4.4	0.18	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	151	1.8	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.25	0.092	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	11.9	1.8	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	65.4	0.46	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	12.0	1.8	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	< 0.18	0.18	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.092	0.092	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	75.4	9.2	mg/kg	20	10/15/25	10/24/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19769

(2) Prep QC Batch: MP43640

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FL01-R@3.5'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-2	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 85.3
<b>Project:</b> CDH: Lindsey 1-35	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	85.3		%	1	10/15/25	LM	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH	7.97		su	1	10/16/25 14:33	SG	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity	0.58	0.0010	mmhos/cm	1	10/16/25 14:33	SG	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>a</sup>	< 0.46	0.46	mg/kg	1	11/13/25 11:45	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FL01-R@3.5'	
<b>Lab Sample ID:</b> DA76239-2A	<b>Date Sampled:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/14/25
	<b>Percent Solids:</b> 85.3
<b>Project:</b> CDH: Lindsey 1-35	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	79.1	6.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium	19.2	3.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium	24.7	6.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: MA19766

(2) Prep QC Batch: MP43696

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FL01-R@3.5'	
<b>Lab Sample ID:</b> DA76239-2A	<b>Date Sampled:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/14/25
	<b>Percent Solids:</b> 85.3
<b>Project:</b> CDH: Lindsey 1-35	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.646		ratio	1	10/23/25 20:29	BR	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FL01-R@3.5'	
<b>Lab Sample ID:</b> DA76239-2B	<b>Date Sampled:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/14/25
	<b>Percent Solids:</b> 85.3
<b>Project:</b> CDH: Lindsey 1-35	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/17/25	10/20/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19746

(2) Prep QC Batch: MP43638

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG01@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-3	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.0
<b>Project:</b> CDH: Lindsey 1-35	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	3.8	0.15	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	118	1.5	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.13	0.075	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	9.5	1.5	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	8.4	0.38	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	11.5	1.5	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.22	0.15	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.075	0.075	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	37.7	7.5	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19786

(2) Prep QC Batch: MP43664

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG01@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-3	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.0
<b>Project:</b> CDH: Lindsey 1-35	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	92		%	1	10/15/25	AZ	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH	8.09		su	1	10/16/25 14:33	SG	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity	0.39	0.0010	mmhos/cm	1	10/16/25 14:33	SG	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>a</sup>	< 0.44	0.44	mg/kg	1	11/13/25 12:01	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG01@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-3A	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.0
<b>Project:</b> CDH: Lindsey 1-35	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	58.9	6.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium	18.6	3.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium	18.9	6.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: MA19766

(2) Prep QC Batch: MP43696

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG01@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-3A	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.0
<b>Project:</b> CDH: Lindsey 1-35	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.550		ratio	1	10/23/25 20:32	BR	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG01@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-3B	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.0
<b>Project:</b> CDH: Lindsey 1-35	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/17/25	10/23/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19761

(2) Prep QC Batch: MP43663

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG02@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-4	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.7
<b>Project:</b> CDH: Lindsey 1-35	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	3.5	0.12	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	130	1.2	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.15	0.058	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	10.5	1.2	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	8.3	0.29	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	12.5	1.2	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.21	0.12	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.058	0.058	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	39.2	5.8	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19786

(2) Prep QC Batch: MP43664

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG02@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-4	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.7
<b>Project:</b> CDH: Lindsey 1-35	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	91.7		%	1	10/15/25	AZ	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH	8.12		su	1	10/16/25 14:33	SG	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity	0.52	0.0010	mmhos/cm	1	10/16/25 14:33	SG	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>a</sup>	< 0.44	0.44	mg/kg	1	11/13/25 12:32	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG02@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-4A	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.7
<b>Project:</b> CDH: Lindsey 1-35	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	45.1	6.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium	33.8	3.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium	29.9	6.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: MA19766

(2) Prep QC Batch: MP43696

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG02@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-4A	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.7
<b>Project:</b> CDH: Lindsey 1-35	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.820		ratio	1	10/23/25 20:35	BR	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG02@4'	
<b>Lab Sample ID:</b> DA76239-4B	<b>Date Sampled:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/14/25
	<b>Percent Solids:</b> 91.7
<b>Project:</b> CDH: Lindsey 1-35	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/17/25	10/23/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19761

(2) Prep QC Batch: MP43663

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG03@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-5	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.8
<b>Project:</b> CDH: Lindsey 1-35	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	4.6	0.14	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	155	1.4	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.18	0.068	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	11.8	1.4	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	9.8	0.34	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	14.4	1.4	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.25	0.14	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.068	0.068	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	43.8	6.8	mg/kg	20	10/16/25	10/29/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19786

(2) Prep QC Batch: MP43664

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG03@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-5	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.8
<b>Project:</b> CDH: Lindsey 1-35	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	91.8		%	1	10/15/25	AZ	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH	8.04		su	1	10/16/25 14:33	SG	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity	0.46	0.0010	mmhos/cm	1	10/16/25 14:33	SG	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>a</sup>	< 0.43	0.43	mg/kg	1	11/13/25 12:49	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG03@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-5A	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.8
<b>Project:</b> CDH: Lindsey 1-35	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	62.3	6.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium	17.8	3.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium	22.0	6.0	mg/l	1	10/16/25	10/23/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: MA19766

(2) Prep QC Batch: MP43696

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG03@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-5A	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.8
<b>Project:</b> CDH: Lindsey 1-35	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.633		ratio	1	10/23/25 20:38	BR	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> BKG03@4'	<b>Date Sampled:</b> 10/14/25
<b>Lab Sample ID:</b> DA76239-5B	<b>Date Received:</b> 10/14/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.8
<b>Project:</b> CDH: Lindsey 1-35	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/17/25	10/23/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19761

(2) Prep QC Batch: MP43663

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RL = Reporting Limit

Misc. Forms

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Custody Documents and Other Forms

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Includes the following where applicable:

- Chain of Custody



# CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge  
 4036 Youngfield Street, Wheat Ridge, CO 80033  
 TEL: 303-425-6021 FAX: 303-425-6854  
 www.sgs.com/ehsus

Bottle Order Control #		FED-EX Tracking #	
SGS Quote #		SGS Job # <b>DA76239</b>	
Client / Reporting Information		Project Information	
Company <b>CDH Consulting LLC</b>		Project Name <b>Lindsey 1-35</b>	
Street		Street	
City, State, ZIP		Billing Information (if different from Report to)	
Project Contact:		Company <b>PDC, Lauren Hoff</b>	
Phone:		Street Address	
Email: <b>CDH Team 1</b>		Client Purchase Order # <b>WRWE-AS081-ABN</b>	
Sampler(s) Name(s) <b>DT, SHG</b>		City, State, ZIP:	
Project Manager <b>David Stainback</b>		Attention	
Requested Analysis (see TEST CODE sheet)		Matrix Codes	
<b>Full Table 915-1</b> <b>Table 915-1 Inorganics</b>		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SED - Sediment OC - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank	
		LAB USE ONLY	
		NONE PDC NaOH HNO3 H2SO4 DI Water MEOH ENCORE Na2S2O3 Na2CO3	
		Date: <b>10/14/25</b> Time: <b>11:20</b> Sampled by: <b>DT</b> Matrix: <b>SO</b> # of bottles: <b>3</b> <input checked="" type="checkbox"/> X	
		Date: <b>11:22</b> Time: <b>DT</b> Sampled by: <b>DT</b> Matrix: <b>SO</b> # of bottles: <b>3</b> <input checked="" type="checkbox"/> X	
Date: <b>11:19</b> Time: <b>SHG</b> Sampled by: <b>SHG</b> Matrix: <b>SO</b> # of bottles: <b>3</b> <input checked="" type="checkbox"/> X			
Date: <b>11:28</b> Time: <b>SHG</b> Sampled by: <b>SHG</b> Matrix: <b>SO</b> # of bottles: <b>3</b> <input checked="" type="checkbox"/> X			
Date: <b>11:35</b> Time: <b>SHG</b> Sampled by: <b>SHG</b> Matrix: <b>SO</b> # of bottles: <b>3</b> <input checked="" type="checkbox"/> X			
Turnaround Time (Business days)		Data Deliverable Information	
<input checked="" type="checkbox"/> Standard 10 Business Days <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENC		<input type="checkbox"/> Commercial "A" (Level 1, Results Only) <input type="checkbox"/> Commercial "B" (Level 2, Results + QC Summary) <input type="checkbox"/> COMMBN (Results/QC/Narrative) <input type="checkbox"/> COMMBN+ [Results/QC/Narrative (+ chromatograms)] <input type="checkbox"/> REDT2 <input type="checkbox"/> FULT1 <input type="checkbox"/> EDD Format	
Special Reporting Instructions		Comments / Special Instructions	
<input type="checkbox"/> Report in PPB <input type="checkbox"/> Report in PPM <input type="checkbox"/> Report MDLs			
Emergency & Rush T/A data available via LabLink. RUSH TAT approval needed.			
Sample Custody must be documented below each time samples change possession, including courier delivery.			
Relinquished By Sampler	Date/Time	Received By:	Date/Time
<b>[Signature]</b>	<b>10/14/25 14:40</b>	<b>[Signature]</b>	<b>10/14/25 14:42</b>
Relinquished by Sampler:	Date/Time:	Received By:	Date/Time:
Custody Seal #	Intact <input type="checkbox"/> Not intact <input type="checkbox"/> Absent <input type="checkbox"/>	Preserved where applicable <input type="checkbox"/>	Cooler Temp. °C: <b>4°C</b> Therm. ID: <b>TR2</b> On ice <input checked="" type="checkbox"/>
<a href="http://www.sgs.com/en/terms-and-conditions">http://www.sgs.com/en/terms-and-conditions</a>			

4.1  
4

## SGS Sample Receipt Summary

Job Number: da76239

Client: CDH

Project: LINDSEY 1-35

Date / Time Received: 10/14/2025 2:43:00 PM

Delivery Method: co

Airbill #'s: \_\_\_\_\_

Cooler Temps (Raw Measured) °C: Cooler 1: (4.0);

Cooler Temps (Corrected) °C: Cooler 1: (4.0);

**Cooler Informatio**

Y or N

- 1. Custody Seals Present:
- 2. Custody Seals Intact:
- 3. Temp criteria achieved:
- 4. Cooler temp verification:  IR Gun
- 5. Cooler media:  Ice (Bag)

**Trip Blank Information**

Y or N N/A

- 1. Trip Blank present / cooler:
- 2. Trip Blank listed on COC:

W or S N/A

- 3. Type of TB Received

**Sample Information**

Y or N N/A

- 1. Sample labels present on bottles:
- 2. Samples presented properly:
- 3. Sufficient volume/containers recv'd for analysis:
- 4. Condition of sample:  Intact
- 5. Sample recv'd within HT:
- 6. Dates/Times/IDs on COC match sample label:
- 7. VOCs have headspace:
- 8. Bottles received for unspecified tests:
- 9. Compositing instructions clear:
- 10. Voa Soil Kits/Jars received past 48hrs?:
- 11. % Solids Jar Received?:
- 12. Residual Chlorine Present?:

**Misc Information**

Number of Encores: 25 Gram                      5 Gram

Number of Lab Filtered Metals

Test Strip Lot #: pH 0-3: \_\_\_\_\_

pH 10-12: \_\_\_\_\_ Other: (Specify) \_\_\_\_\_

Residual Chlorine Test Strip Lot \_\_\_\_\_

Comments 8260 samples will be in freezer by 7PM.

SM001

Rev. Date 05/04/17

Technician: JEREMYD

Date: 10/14/2025 6:06:51 PM

Reviewer: \_\_\_\_\_

Date: \_\_\_\_\_

DA76239: Chain of Custody

Page 2 of 2

4.1  
4

MS Volatiles

QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4542-MB <sup>a</sup>	5V95644.D	1	10/18/25	MB	n/a	n/a	V5V4542

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76239-2

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	2.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
1868-53-7	Dibromofluoromethane	127%	70-130%
2037-26-5	Toluene-D8	83%	70-130%
460-00-4	4-Bromofluorobenzene	94%	70-130%
17060-07-0	1,2-Dichloroethane-D4	147% * <sup>b</sup>	70-130%

(a) Bad purge. Associated sample results are non-detect for target analytes.

(b) Outside control limits due to possible matrix interference.

## Method Blank Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V833-MB	9VB3595.D	1	10/24/25	MB	n/a	n/a	V9V833

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76239-1

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	2.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	90% 70-130%
2037-26-5	Toluene-D8	99% 70-130%
460-00-4	4-Bromofluorobenzene	97% 70-130%
17060-07-0	1,2-Dichloroethane-D4	99% 70-130%

# Blank Spike Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4542-BS	5V95642.D	1	10/18/25	MB	n/a	n/a	V5V4542

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76239-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	48.3	97	70-130
100-41-4	Ethylbenzene	50	49.6	99	70-130
108-88-3	Toluene	50	47.9	96	70-130
95-63-6	1,2,4-Trimethylbenzene	50	49.5	99	70-134
108-67-8	1,3,5-Trimethylbenzene	50	49.8	100	70-134
	m,p-Xylene	100	97.3	97	70-130
95-47-6	o-Xylene	50	51.4	103	70-136
1330-20-7	Xylene (total)	150	149	99	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	92%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

\* = Outside of Control Limits.

# Blank Spike Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4542-BS	5V95643.D	1	10/18/25	MB	n/a	n/a	V5V4542

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76239-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1890	95	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	89%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	95%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

\* = Outside of Control Limits.

# Blank Spike Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V833-BS	9VB3593.D	1	10/24/25	MB	n/a	n/a	V9V833

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76239-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	44.3	89	70-130
100-41-4	Ethylbenzene	50	47.6	95	70-130
108-88-3	Toluene	50	44.9	90	70-130
95-63-6	1,2,4-Trimethylbenzene	50	46.3	93	70-134
108-67-8	1,3,5-Trimethylbenzene	50	46.8	94	70-134
	m,p-Xylene	100	93.0	93	70-130
95-47-6	o-Xylene	50	48.2	96	70-136
1330-20-7	Xylene (total)	150	141	94	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	91%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	70-130%

\* = Outside of Control Limits.

# Blank Spike Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V833-BS	9VB3602.D	1	10/24/25	MB	n/a	n/a	V9V833

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76239-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1610	81	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	88%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	96%	70-130%
17060-07-0	1,2-Dichloroethane-D4	94%	70-130%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76237-1MS	5V95647.D	1	10/18/25	MB	n/a	n/a	V5V4542
DA76237-1MSD	5V95648.D	1	10/18/25	MB	n/a	n/a	V5V4542
DA76237-1	5V95645.D	1	10/18/25	MB	n/a	n/a	V5V4542

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76239-2

CAS No.	Compound	DA76237-1 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.2	58.8	49.7	84	58	49.5	85	0	44-150/44
100-41-4	Ethylbenzene	< 2.3	58.8	48.5	82	58	49.7	86	2	41-149/49
108-88-3	Toluene	< 2.3	58.8	46.9	80	58	48.4	83	3	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.3	58.8	45.1	77	58	45.3	78	0	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.3	58.8	46.9	80	58	46.2	80	2	30-161/60
	m,p-Xylene	< 2.3	118	93.2	79	116	96.4	83	3	36-152/49
95-47-6	o-Xylene	< 2.3	58.8	48.9	83	58	49.9	86	2	33-168/49
1330-20-7	Xylene (total)	< 2.3	176	142	80	174	146	84	3	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA76237-1	Limits
1868-53-7	Dibromofluoromethane	99%	99%	99%	70-130%
2037-26-5	Toluene-D8	95%	96%	95%	70-130%
460-00-4	4-Bromofluorobenzene	95%	94%	98%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	105%	102%	70-130%

\* = Outside of Control Limits.

5.3.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76239-2MS	5V95649.D	1	10/18/25	MB	n/a	n/a	V5V4542
DA76239-2MSD	5V95650.D	1	10/18/25	MB	n/a	n/a	V5V4542
DA76239-2	5V95646.D	1	10/18/25	MB	n/a	n/a	V5V4542

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76239-2

CAS No.	Compound	DA76239-2 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 230	2270	1550	68	2240	1590	71	3	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA76239-2	Limits
1868-53-7	Dibromofluoromethane	98%	96%	99%	70-130%
2037-26-5	Toluene-D8	96%	97%	95%	70-130%
460-00-4	4-Bromofluorobenzene	96%	97%	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	103%	110%	70-130%

\* = Outside of Control Limits.

5.3.2  
5

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76239-1MS	9VB3598.D	1	10/24/25	MB	n/a	n/a	V9V833
DA76239-1MSD	9VB3599.D	1	10/24/25	MB	n/a	n/a	V9V833
DA76239-1	9VB3596.D	1	10/24/25	MB	n/a	n/a	V9V833

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76239-1

CAS No.	Compound	DA76239-1 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1	55.8	45.5	82	52.9	41.4	78	9	44-150/44
100-41-4	Ethylbenzene	< 2.2	55.8	47.9	86	52.9	43.1	81	11	41-149/49
108-88-3	Toluene	< 2.2	55.8	45.1	81	52.9	40.7	77	10	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.2	55.8	46.2	83	52.9	41.9	79	10	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.2	55.8	46.5	83	52.9	42.1	80	10	30-161/60
	m,p-Xylene	< 2.2	112	93.9	84	106	83.5	79	12	36-152/49
95-47-6	o-Xylene	< 2.2	55.8	48.1	86	52.9	43.4	82	10	33-168/49
1330-20-7	Xylene (total)	< 2.2	167	142	85	159	127	80	11	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA76239-1	Limits
1868-53-7	Dibromofluoromethane	90%	92%	89%	70-130%
2037-26-5	Toluene-D8	98%	97%	99%	70-130%
460-00-4	4-Bromofluorobenzene	98%	98%	96%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	98%	99%	70-130%

\* = Outside of Control Limits.

5.3.3  
5

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76280-21MS	9VB3600.D	1	10/24/25	MB	n/a	n/a	V9V833
DA76280-21MSD	9VB3601.D	1	10/24/25	MB	n/a	n/a	V9V833
DA76280-21	9VB3597.D	1	10/24/25	MB	n/a	n/a	V9V833

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76239-1

CAS No.	Compound	DA76280-21 Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD	
	TPH-GRO (C6-C10)	< 230	2310	1800	78	2380	1670	70	7	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA76280-21 Limits	
1868-53-7	Dibromofluoromethane	90%	92%	91%	70-130%
2037-26-5	Toluene-D8	98%	98%	99%	70-130%
460-00-4	4-Bromofluorobenzene	98%	100%	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	101%	98%	70-130%

\* = Outside of Control Limits.

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

# Method Blank Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28927-MB	9G01644.D	1	10/18/25	ZL	10/17/25	OP28927	E9G70

The QC reported here applies to the following samples:

Method: SW846 8270E

DA76239-1, DA76239-2

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	3.6	ug/kg	
120-12-7	Anthracene	ND	3.6	ug/kg	
56-55-3	Benzo(a)anthracene	ND	4.5	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	3.6	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	3.6	ug/kg	
50-32-8	Benzo(a)pyrene	ND	3.6	ug/kg	
218-01-9	Chrysene	ND	3.6	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	3.6	ug/kg	
206-44-0	Fluoranthene	ND	3.6	ug/kg	
86-73-7	Fluorene	ND	3.6	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	3.6	ug/kg	
90-12-0	1-Methylnaphthalene	ND	3.6	ug/kg	
91-57-6	2-Methylnaphthalene	ND	3.6	ug/kg	
91-20-3	Naphthalene	ND	1.8	ug/kg	
129-00-0	Pyrene	ND	3.6	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
321-60-8	2-Fluorobiphenyl	91%	22-138%
4165-60-0	Nitrobenzene-d5	93%	32-143%
1718-51-0	Terphenyl-d14	94%	48-149%

# Blank Spike Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28927-BS	9G01645.D	1	10/18/25	ZL	10/17/25	OP28927	E9G70

The QC reported here applies to the following samples:

Method: SW846 8270E

DA76239-1, DA76239-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	185	93	46-152
120-12-7	Anthracene	200	192	96	65-147
56-55-3	Benzo(a)anthracene	200	180	90	64-144
205-99-2	Benzo(b)fluoranthene	200	189	95	70-154
207-08-9	Benzo(k)fluoranthene	200	183	92	70-158
50-32-8	Benzo(a)pyrene	200	191	96	64-159
218-01-9	Chrysene	200	195	98	70-156
53-70-3	Dibenzo(a,h)anthracene	200	180	90	63-156
206-44-0	Fluoranthene	200	193	97	62-155
86-73-7	Fluorene	200	186	93	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	178	89	67-156
90-12-0	1-Methylnaphthalene	200	180	90	21-168
91-57-6	2-Methylnaphthalene	200	180	90	18-161
91-20-3	Naphthalene	200	196	98	2-173
129-00-0	Pyrene	200	185	93	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	91%	22-138%
4165-60-0	Nitrobenzene-d5	99%	32-143%
1718-51-0	Terphenyl-d14	96%	48-149%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28927-MS	9G01646.D	1	10/18/25	ZL	10/17/25	OP28927	E9G70
OP28927-MSD	9G01647.D	1	10/18/25	ZL	10/17/25	OP28927	E9G70
DA76235-7	9G01648.D	1	10/18/25	ZL	10/17/25	OP28927	E9G70

The QC reported here applies to the following samples:

Method: SW846 8270E

DA76239-1, DA76239-2

CAS No.	Compound	DA76235-7 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.2	236	188	80	222	170	76	10	30-148/32
120-12-7	Anthracene	< 4.2	236	202	86	222	185	83	9	40-148/33
56-55-3	Benzo(a)anthracene	< 5.2	236	197	84	222	181	81	8	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.2	236	202	86	222	184	83	9	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.2	236	195	83	222	178	80	9	43-165/41
50-32-8	Benzo(a)pyrene	< 4.2	236	205	87	222	189	85	8	41-161/37
218-01-9	Chrysene	< 4.2	236	208	88	222	188	85	10	52-152/32
53-70-3	Dibenzo(a,h)anthracene	2.4	236	196	82	222	179	79	9	42-155/36
206-44-0	Fluoranthene	< 4.2	236	205	87	222	188	85	9	40-151/34
86-73-7	Fluorene	< 4.2	236	194	82	222	178	80	9	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	2.8	236	192	80	222	176	78	9	41-156/37
90-12-0	1-Methylnaphthalene	< 4.2	236	172	73	222	159	72	8	23-149/36
91-57-6	2-Methylnaphthalene	< 4.2	236	171	73	222	155	70	10	18-144/35
91-20-3	Naphthalene	< 2.1	236	182	77	222	166	75	9	18-150/32
129-00-0	Pyrene	< 4.2	236	195	83	222	179	81	9	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA76235-7	Limits
321-60-8	2-Fluorobiphenyl	74%	63%	64%	22-138%
4165-60-0	Nitrobenzene-d5	87%	75%	75%	32-143%
1718-51-0	Terphenyl-d14	88%	82%	92%	48-149%

\* = Outside of Control Limits.

## GC/LC Semi-volatiles

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### QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28945-MB	LW48975.D	1	10/21/25	JB	10/16/25	OP28945	GLW1145

The QC reported here applies to the following samples:

Method: SW846-8015C

DA76239-1, DA76239-2

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	ND	4.0	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	89% 20-142%

7.1.1  
7

# Blank Spike Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28945-BS1	LW48976.D	1	10/21/25	JB	10/16/25	OP28945	GLW1145

The QC reported here applies to the following samples:

Method: SW846-8015C

DA76239-1, DA76239-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	169	85	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	92%	20-142%

\* = Outside of Control Limits.

# Blank Spike Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28945-BS2	LW48977.D	1	10/21/25	JB	10/16/25	OP28945	GLW1145

The QC reported here applies to the following samples:

Method: SW846-8015C

DA76239-1, DA76239-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	203	102	70-138

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	85%	20-142%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28945-MS1	LW48978.D	1	10/21/25	JB	10/16/25	OP28945	GLW1145
OP28945-MSD1	LW48979.D	1	10/21/25	JB	10/16/25	OP28945	GLW1145
DA76239-1	LW48982.D	1	10/21/25	JB	10/16/25	OP28945	GLW1145

The QC reported here applies to the following samples:

Method: SW846-8015C

DA76239-1, DA76239-2

CAS No.	Compound	DA76239-1 mg/kg	Spike Q	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.6	224	187	83	227	190	84	2	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76239-1	Limits
84-15-1	o-Terphenyl	91%	91%	89%	20-142%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76239  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** CDH: Lindsey 1-35

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28945-MS2	LW48980.D	1	10/21/25	JB	10/16/25	OP28945	GLW1145
OP28945-MSD2	LW48981.D	1	10/21/25	JB	10/16/25	OP28945	GLW1145
DA76239-2	LW48983.D	1	10/21/25	JB	10/16/25	OP28945	GLW1145

The QC reported here applies to the following samples:

Method: SW846-8015C

DA76239-1, DA76239-2

CAS No.	Compound	DA76239-2 mg/kg	Spike Q mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	69.5	227	431	159*	231	323	110	29	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76239-2	Limits
84-15-1	o-Terphenyl	80%	80%	86%	20-142%

\* = Outside of Control Limits.

7.3.2  
7

## Metals Analysis

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### QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

QC Batch ID: MP43638  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	2.0	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP43638: DA76239-1B, DA76239-2B

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

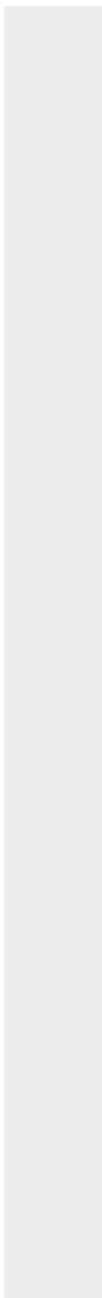
QC Batch ID: MP43638  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	RL	IDL	MDL	MB raw	final
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(anr) Analyte not requested



8.1.1  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43638  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25 10/17/25

Metal	DA76239-2B Original	DUP	RPD	QC Limits	DA76239-2B Original MS	Spikelot ICPAL6	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Boron	159	134	17.1	0-20	159	8830	10000	86.7 75-125
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Uranium								
Vanadium								
Zinc								

Associated samples MP43638: DA76239-1B, DA76239-2B

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits

8.12  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

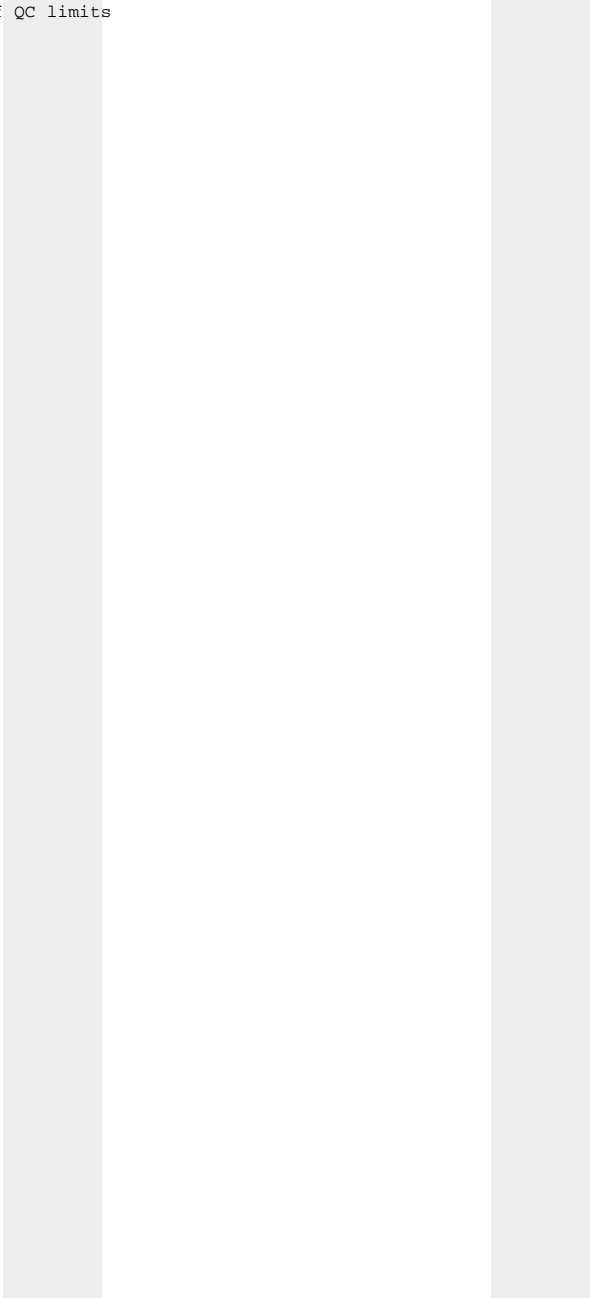
QC Batch ID: MP43638  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25 10/17/25

Metal	DA76239-2B Original DUP	RPD	QC Limits	DA76239-2B Original MS	Spikelot ICPAL6	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested



8.1.2  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43638  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	8220	10000	82.2	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43638: DA76239-1B, DA76239-2B

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits

8.1.3  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

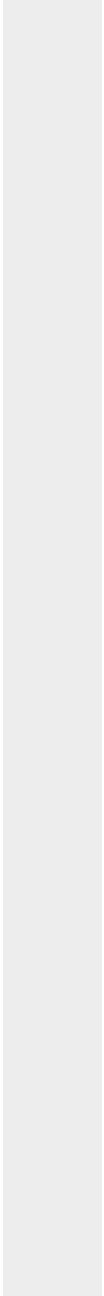
QC Batch ID: MP43638  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
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(anr) Analyte not requested



8.1.3  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43638  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25

Metal	DA76239-2B Original SDL 1:5	%DIF	QC Limits
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Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Boron	31.8	42.0	32.1 (a) 0-10
Cadmium			
Calcium			
Chromium			
Cobalt			
Copper			
Iron			
Lead			
Lithium			
Magnesium			
Manganese			
Molybdenum			
Nickel			
Phosphorus			
Potassium			
Selenium			
Silicon			
Silver			
Sodium			
Strontium			
Thallium			
Tin			
Titanium			
Uranium			
Vanadium			
Zinc			

Associated samples MP43638: DA76239-1B, DA76239-2B

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits

8.1.4  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

QC Batch ID: MP43638  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	DA76239-2B Original SDL 1:5	%DIF	QC Limits
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(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

8.1.4

8

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

QC Batch ID: MP43640  
Matrix Type: SOLID

Methods: SW846 6020B  
Units: mg/kg

Prep Date: 10/15/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.1	5		
Antimony	0.40	.0027	.05		
Arsenic	0.20	.004	.05	0.043	<0.20
Barium	2.0	.081	.24	0.13	<2.0
Beryllium	0.20	.015	.04		
Boron	40	8.2	10		
Cadmium	0.10	.024	.04	0.014	<0.10
Calcium	400	.13	30		
Chromium	2.0	.038	.6		
Cobalt	0.20	.0016	.025		
Copper	2.0	.23	.25	0.048	<2.0
Iron	20	.069	15		
Lead	0.50	.0078	.2	0.062	<0.50
Magnesium	100	.12	10		
Manganese	1.0	.0099	.2		
Molybdenum	1.0	.0029	.27		
Nickel	2.0	.029	.2	0.028	<2.0
Phosphorus	60	21	25		
Potassium	200	1.7	25		
Selenium	0.20	.0096	.05	0.025	<0.20
Silver	0.10	.001	.03	0.0044	<0.10
Sodium	500	1.2	30		
Strontium	20	.0047	1		
Thallium	0.20	.0028	.04		
Tin	10	.027	4		
Titanium	2.0	.0065	.3		
Uranium	0.20	.001	.1		
Vanadium	1.0	.035	.2		
Zinc	10	.1	1	0.39	<10

Associated samples MP43640: DA76239-1, DA76239-2

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits  
(anr) Analyte not requested

8.2.1  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43640  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 10/15/25

Metal	DA76235-4 Original MS		Spike/lot ICPMS6 % Rec		QC Limits
Aluminum					
Antimony					
Arsenic	8.3	70.5	82.7	75.2	75-125
Barium	122	626	165	304.7N(a)	75-125
Beryllium					
Boron					
Cadmium	0.33	42.1	41.3	101.0	75-125
Calcium					
Chromium					
Cobalt					
Copper	14.4	45.5	41.3	75.2	75-125
Iron					
Lead	21.5	111	82.7	108.2	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	10.4	42.8	41.3	78.4	75-125
Phosphorus					
Potassium					
Selenium	0.41	62.6	82.7	75.2	75-125
Silver	0.084	16.6	16.5	99.9	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	46.1	76.7	41.3	74.0N(a)	75-125

Associated samples MP43640: DA76239-1, DA76239-2

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43640  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 10/15/25

Metal	DA76235-4 Original MSD		Spike lot ICPMS6 % Rec		MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	8.3	72.0	83.8	76.0	2.1	20
Barium	122	352	168	137.2N(a)	56.0 (b)	20
Beryllium						
Boron						
Cadmium	0.33	43.5	41.9	103.0	3.3	20
Calcium						
Chromium						
Cobalt						
Copper	14.4	47.0	41.9	77.8	3.2	20
Iron						
Lead	21.5	115	83.8	111.5	3.5	20
Magnesium						
Manganese						
Molybdenum						
Nickel	10.4	46.3	41.9	85.6	7.9	20
Phosphorus						
Potassium						
Selenium	0.41	64.0	83.8	75.8	2.2	20
Silver	0.084	17.0	16.8	100.9	2.4	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	46.1	78.4	41.9	77.0	2.2	20

Associated samples MP43640: DA76239-1, DA76239-2

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

(b) High RPD due to possible sample matrix or nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43640  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 10/15/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	101	100	101.0	80-120
Barium	202	200	101.0	80-120
Beryllium				
Boron				
Cadmium	51.4	50	102.8	80-120
Calcium				
Chromium				
Cobalt				
Copper	50.9	50	101.8	80-120
Iron				
Lead	105	100	105.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.7	50	101.4	80-120
Phosphorus				
Potassium				
Selenium	102	100	102.0	80-120
Silver	20.3	20	101.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	49.9	50	99.8	80-120

Associated samples MP43640: DA76239-1, DA76239-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

8.2.3  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43640  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: ug/l

Prep Date: 10/15/25

Metal	DA76235-4		QC	
	Original	SDL 20:100%DIF		Limits
Aluminum				
Antimony				
Arsenic	167	201	20.9* (a)	0-20
Barium	2440	2530	3.9	0-20
Beryllium				
Boron				
Cadmium	6.53	7.47	14.5	0-20
Calcium				
Chromium				
Cobalt				
Copper	288	353	22.7* (a)	0-20
Iron				
Lead	431	434	0.7	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	209	251	20.2* (a)	0-20
Phosphorus				
Potassium				
Selenium	8.30	9.83	18.3	0-20
Silver	1.69	1.84	9.0	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	922	1140	23.3* (a)	0-20

Associated samples MP43640: DA76239-1, DA76239-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested  
 (a) Serial dilution indicates possible matrix interference.

8.2.4  
8

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

QC Batch ID: MP43663  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	0.0	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP43663: DA76239-3B, DA76239-4B, DA76239-5B

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

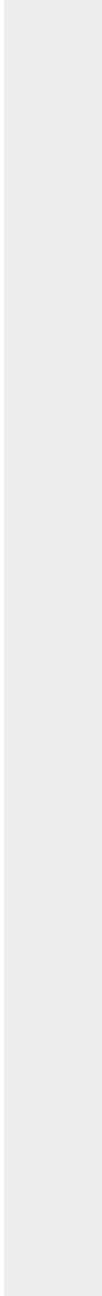
QC Batch ID: MP43663  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	RL	IDL	MDL	MB raw	final
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(anr) Analyte not requested



MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43663  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25 10/17/25

Metal	DA76242-7B Original	DUP	RPD	QC Limits	DA76242-7B Original MS	Spikelot ICPAL6	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Boron	627	644	2.7	0-20	627	10200	10000	95.7 75-125
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Uranium								
Vanadium								
Zinc								

Associated samples MP43663: DA76239-3B, DA76239-4B, DA76239-5B

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits

8.3.2  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

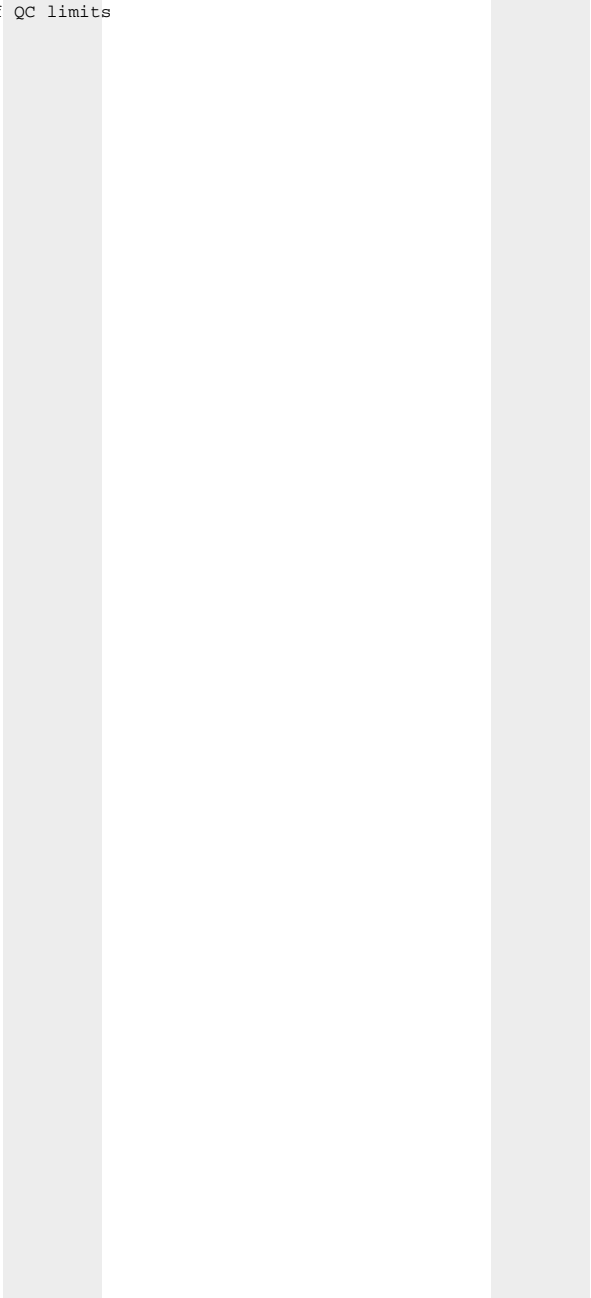
QC Batch ID: MP43663  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25 10/17/25

Metal	DA76242-7B Original DUP	RPD	QC Limits	DA76242-7B Original MS	Spikelot ICPALL6	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested



8.3.2  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43663  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	8150	10000	81.5	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43663: DA76239-3B, DA76239-4B, DA76239-5B

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits

8.3.3  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

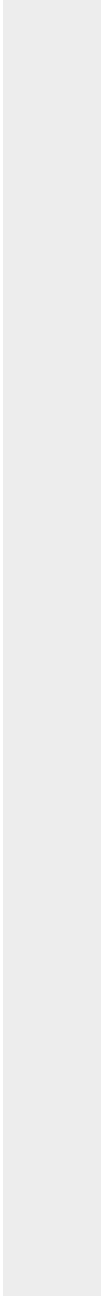
QC Batch ID: MP43663  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
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(anr) Analyte not requested



8.3.3  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43663  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25

Metal	DA76242-7B Original	SDL 1:5	%DIF	QC Limits
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Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	125	125	0.1	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43663: DA76239-3B, DA76239-4B, DA76239-5B

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits

8.3.4  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

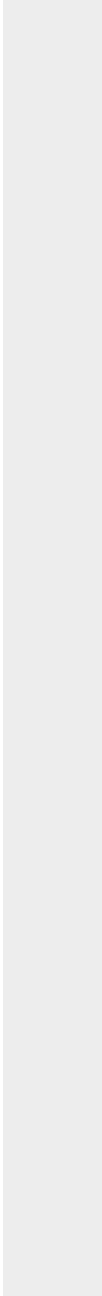
QC Batch ID: MP43663  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	DA76242-7B Original SDL 1:5	%DIF	QC Limits
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(anr) Analyte not requested



BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76239  
Account: CHEVROG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

QC Batch ID: MP43664  
Matrix Type: SOLID

Methods: SW846 6020B  
Units: mg/kg

Prep Date: 10/16/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.019	<0.20
Barium	2.0	.096	.24	-0.00087	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.00081	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	-0.028	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	-0.013	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	-0.021	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.0036	<0.20
Silver	0.10	.0081	.03	-0.00035	<0.10
Sodium	500	10	30		
Strontium	20	.1	1		
Thallium	0.20	.032	.04		
Tin	10	.22	4		
Titanium	2.0	.05	.3		
Uranium	0.20	.015	.1		
Vanadium	1.0	.14	.2		
Zinc	10	.05	1	-0.086	<10

Associated samples MP43664: DA76239-3, DA76239-4, DA76239-5

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits  
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43664  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 10/16/25

Metal	DA76242-7 Original MS		Spike/lot ICPMS6 % Rec		QC Limits
Aluminum					
Antimony					
Arsenic	5.4	93.7	102	86.9	75-125
Barium	234	518	203	139.8N(a)	75-125
Beryllium					
Boron					
Cadmium	0.21	48.9	50.8	95.8	75-125
Calcium					
Chromium					
Cobalt					
Copper	12.4	58.0	50.8	89.8	75-125
Iron					
Lead	11.3	107	102	94.2	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	14.9	59.7	50.8	88.2	75-125
Phosphorus					
Potassium					
Selenium	0.26	93.1	102	91.4	75-125
Silver	0.037	19.2	20.3	94.3	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	45.9	91.9	50.8	90.6	75-125

Associated samples MP43664: DA76239-3, DA76239-4, DA76239-5

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested  
 (a) Spike recovery indicates possible matrix interference.

8.4.2  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVROG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43664  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 10/16/25

Metal	DA76242-7 Original MSD		Spike lot ICPMS6 % Rec		MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	5.4	72.9	76.6	88.1	25.0 (a)	20
Barium	234	330	153	62.6N(b)	44.3 (a)	20
Beryllium						
Boron						
Cadmium	0.21	37.7	38.3	97.8	25.9 (a)	20
Calcium						
Chromium						
Cobalt						
Copper	12.4	47.2	38.3	90.8	20.5 (a)	20
Iron						
Lead	11.3	86.0	76.6	97.5	21.8 (a)	20
Magnesium						
Manganese						
Molybdenum						
Nickel	14.9	49.2	38.3	89.5	19.3	20
Phosphorus						
Potassium						
Selenium	0.26	68.0	76.6	88.4	31.2 (a)	20
Silver	0.037	14.7	15.3	95.7	26.5 (a)	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	45.9	82.5	38.3	95.5	10.8	20

Associated samples MP43664: DA76239-3, DA76239-4, DA76239-5

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested  
 (a) High RPD due to possible sample matrix.  
 (b) Spike recovery indicates possible matrix interference.

8.4.2  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43664  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 10/16/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	90.5	100	90.5	80-120
Barium	179	200	89.5	80-120
Beryllium				
Boron				
Cadmium	46.3	50	92.6	80-120
Calcium				
Chromium				
Cobalt				
Copper	46.3	50	92.6	80-120
Iron				
Lead	91.9	100	91.9	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	45.7	50	91.4	80-120
Phosphorus				
Potassium				
Selenium	95.0	100	95.0	80-120
Silver	18.4	20	92.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	44.8	50	89.6	80-120

Associated samples MP43664: DA76239-3, DA76239-4, DA76239-5

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

8.4.3  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43664  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: ug/l

Prep Date: 10/16/25

Metal	DA76242-7 Original SDL 20:100%DIF		QC Limits
Aluminum			
Antimony			
Arsenic	137	155	13.2 0-20
Barium	5960	6360	6.7 0-20
Beryllium			
Boron			
Cadmium	5.24	6.12	16.9 0-20
Calcium			
Chromium			
Cobalt			
Copper	316	351	11.1 0-20
Iron			
Lead	288	299	3.6 0-20
Magnesium			
Manganese			
Molybdenum			
Nickel	379	420	11.0 0-20
Phosphorus			
Potassium			
Selenium	6.74	5.65	16.1 0-20
Silver	0.940	0.914	2.8 0-20
Sodium			
Strontium			
Thallium			
Tin			
Titanium			
Uranium			
Vanadium			
Zinc	1170	1300	10.6 0-20

Associated samples MP43664: DA76239-3, DA76239-4, DA76239-5

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

8.4.4  
8

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

QC Batch ID: MP43696  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/16/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	690	230		
Antimony	450	210	100		
Arsenic	380	330	69		
Barium	150	4.5	20		
Beryllium	150	15	20		
Boron	750	50	95		
Cadmium	150	29	20		
Calcium	6000	99	750	-190	<6000
Chromium	150	17	20		
Cobalt	75	41	9.5		
Copper	150	69	20		
Iron	1100	130	180		
Lead	750	200	95		
Lithium	75	9	20		
Magnesium	3000	740	380	15.0	<3000
Manganese	75	7.5	9.5		
Molybdenum	150	130	42		
Nickel	450	93	57		
Phosphorus	1500	1400	240		
Potassium	15000	1300	1900		
Selenium	750	450	320		
Silicon	3000	620	2300		
Silver	450	9	57		
Sodium	6000	190	750	426	<6000
Strontium	75	1.5	9.5		
Thallium	150	260	65		
Tin	900	620	770		
Titanium	150	7.5	20		
Uranium	750	59	130		
Vanadium	150	14	20		
Zinc	450	140	57		

Associated samples MP43696: DA76239-1A, DA76239-2A, DA76239-3A, DA76239-4A, DA76239-5A

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

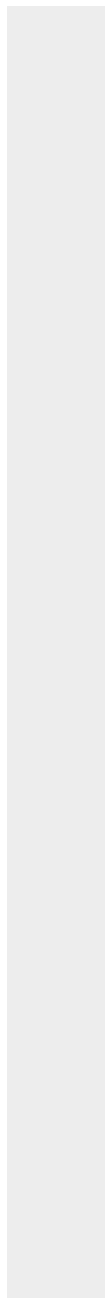
QC Batch ID: MP43696  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/16/25

Metal	RL	IDL	MDL	MB raw	final
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(anr) Analyte not requested



8.5.1  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43696  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/16/25

Metal	DA76237-5A Original MS	Spikelot ICPAL6	% Rec	QC Limits	
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	61600	424000	375000	96.6	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	16300	377000	375000	96.2	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	18900	378000	375000	95.8	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP43696: DA76239-1A, DA76239-2A, DA76239-3A, DA76239-4A, DA76239-5A

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits

8.5.2  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

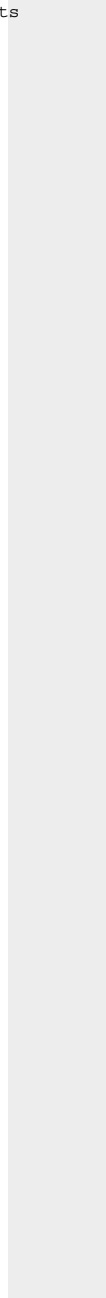
QC Batch ID: MP43696  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/16/25

Metal	DA76237-5A Original MS	SpikeLot ICPAL6	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits  
(anr) Analyte not requested



8.5.2  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43696  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/16/25

Metal	DA76237-5A Original MSD	SpikeLot ICPAL6	% Rec	MSD RPD	QC Limit	
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	61600	424000	375000	96.6	0.0	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	16300	378000	375000	96.5	0.3	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	18900	380000	375000	96.3	0.5	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP43696: DA76239-1A, DA76239-2A, DA76239-3A, DA76239-4A, DA76239-5A

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits

8.5.2  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

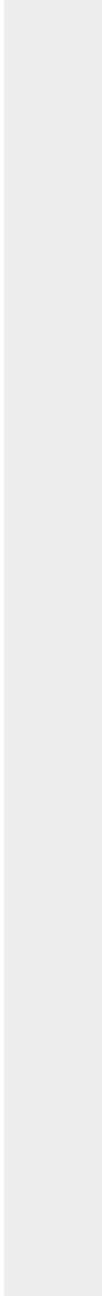
QC Batch ID: MP43696  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/16/25

Metal	DA76237-5A Original MSD	SpikeLot ICPAL6 % Rec	MSD RPD	QC Limit
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(N) Matrix Spike Rec. outside of QC limits  
(anr) Analyte not requested



8.5.2  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43696  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/16/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	374000	375000	99.7	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	372000	375000	99.2	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	372000	375000	99.2	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43696: DA76239-1A, DA76239-2A, DA76239-3A, DA76239-4A, DA76239-5A

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits

8.5.3  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

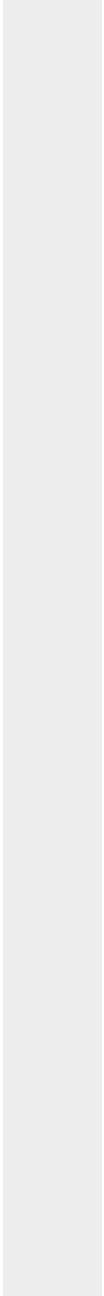
QC Batch ID: MP43696  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/16/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
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(anr) Analyte not requested



8.5.3  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76239  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: CDH: Lindsey 1-35

QC Batch ID: MP43696  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/16/25

Metal	DA76237-5A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	4100	4770	16.3*(a)	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	1090	1060	3.0	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	1260	1250	0.7	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43696: DA76239-1A, DA76239-2A, DA76239-3A, DA76239-4A, DA76239-5A

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits

8.5.4  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

QC Batch ID: MP43696  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/16/25

Metal	DA76237-5A	QC
	Original SDL 1:5 %DIF	Limits

(anr) Analyte not requested  
(a) Serial dilution indicates possible matrix interference.

8.5.4

8

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP39737/GN69904			mmhos/cm	1.409	1.3	92.8	90-110%

Associated Samples:

Batch GP39737: DA76239-1, DA76239-2, DA76239-3, DA76239-4, DA76239-5

(\*) Outside of QC limits

DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA76239  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: CDH: Lindsey 1-35

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP39737/GN69904	DA76240-3	mmhos/cm	0.92	1.0	9.5	0-20%
pH	GN69902	DA76236-3	su	7.87	7.89	0.2	0-5%

Associated Samples:

Batch GN69902: DA76239-1, DA76239-2, DA76239-3, DA76239-4, DA76239-5

Batch GP39737: DA76239-1, DA76239-2, DA76239-3, DA76239-4, DA76239-5

(\*) Outside of QC limits

Misc. Forms

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Custody Documents and Other Forms

(SGS Dayton, NJ)

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Includes the following where applicable:

- Chain of Custody



So

**CHAIN OF CUSTODY**  
 SGS North America Inc. - Wheat Ridge  
 4036 Youngfield Street, Wheat Ridge, CO 80033  
 TEL: 303-425-6021 FAX: 303-425-6854  
 www.sgs.com/ehsusa

Client / Reporting Information Company Name: <b>SGS North America Inc.</b> Street Address: <b>4036 Youngfield Street</b> City: <b>Wheat Ridge, CO 80033</b> Project Contact: <b>parna.eskandaripayandeh@sgs.com</b> Phone #: <b>303-425-6021</b> Sampler(s) Name(s): <b>DT</b>		Project Information Project Name: <b>CDH: Lindsey 1-35</b> Street: _____ Billing Information (if different from Report to) City: _____ State: _____ Company Name: _____ Project #: _____ Street Address: _____ Client Purchase Order #: _____ City: _____ State: _____ Zip: _____ Project Manager: _____ Attention: _____		Requested Analysis ( see TEST CODE sheet)										Matrix Codes DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment Cr - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WIP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank			
Turnaround Time ( Business days)		Data Deliverable Information <input type="checkbox"/> Commercial "A" ( Level 1 ) <input type="checkbox"/> State Forms <input type="checkbox"/> Commercial "B" ( Level 2 ) <input type="checkbox"/> EDD Format <input type="checkbox"/> REDT1 ( Level 3 ) <input type="checkbox"/> Other _____ <input type="checkbox"/> FULLT1 ( Level 4 ) <input type="checkbox"/> _____ <input type="checkbox"/> Commercial "C" <input checked="" type="checkbox"/> <input type="checkbox"/> _____										Comments / Special Instructions 1-2 202 3-5 402 Initial Assessment Label Verification JH-ZB					
Approved By (SGS PM): / Date: _____ <input type="checkbox"/> Standard 10 Day (business) <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY <input checked="" type="checkbox"/> other <b>Due 10/28/2025</b>		Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data <a href="http://www.sgs.com/en/terms-and-conditions">http://www.sgs.com/en/terms-and-conditions</a>										Sample Custody must be documented below each time samples change possession, including courier delivery.					
Relinquished by Sampler: <b>2</b> Date Time: <b>10/15/2025</b> Relinquished by Sampler: _____ Date Time: _____ Relinquished by: _____ Date Time: _____		Received By: <b>Fedex</b> Date Time: _____ Received By: _____ Date Time: _____		Relinquished By: <b>Fedex</b> Date Time: <b>10/16</b> Relinquished By: _____ Date Time: <b>11:15</b>		Received By: <b>Jerry</b> Date Time: _____ Received By: _____ Date Time: _____		Custody Seal # _____ <input type="checkbox"/> Intact      Preserved where applicable <input type="checkbox"/> <input type="checkbox"/> Therm. ID _____ <input type="checkbox"/> Not Intact      On Ice <input type="checkbox"/> Cooler Temp. <b>2.4</b>									

10.1 10

**DA76239: Chain of Custody**  
**Page 1 of 2**  
**SGS Dayton, NJ**



## SGS Sample Receipt Summary

Job Number: DA76239

Client: SGS NORTH AMERICA INC.

Project: CDH: LINDSEY 1-35

Date / Time Received: 10/16/2025 11:15:00 AM

Delivery Method: FEDEX

Airbill #'s: 744490790597

Cooler Temps (Raw Measured) °C: Cooler 1: (2.4);

Cooler Temps (Corrected) °C: Cooler 1: (2.5);

**Cooler Security**

Y or N

Y or N

- |                           |                                     |                          |                       |                                     |                          |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present:       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. SmpI Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Cooler Temperature**

Y or N

- |                              |                                     |                          |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | <u>IR-50</u>                        |                          |
| 3. Cooler media:             | <u>Ice (Bag)</u>                    |                          |
| 4. No. Coolers:              | <u>1</u>                            |                          |

**Quality Control Preservatio**

Y or N

N/A

- |                                 |                                     |                          |                                     |
|---------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Trip Blank listed on COC:    | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Samples preserved properly:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| 4. VOCs headspace free:         | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Sample Integrity - Documentation**

Y or N

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete:        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Sample Integrity - Condition**

Y or N

- |                                  |                                     |                          |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT:       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample:          | <u>Intact</u>                       |                          |

**Sample Integrity - Instructions**

Y or N

N/A

- |   |                                     |                                     |                                     |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear:           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 2. Bottles received for unspecified tests | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                     |
| 3. Sufficient volume recvd for analysis:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 4. Compositing instrctions clear:         | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear:          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

Test Strip Lot #s:	pH 1-12: <u>231619</u>	pH 12+: <u>203117A</u>	Other: (Specify) _____
--------------------	------------------------	------------------------	------------------------

Comments

SM089-03  
Rev. Date 12/7/17

DA76239: Chain of Custody

Page 2 of 2

10.1 10

General Chemistry

QC Data Summaries

(SGS Dayton, NJ)

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries



METHOD BLANK AND SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA76239  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: CDH: Lindsey 1-35

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP65404/GN76013	0.40	0.0	mg/kg	40	39.4	98.5	80-120%
Chromium, Hexavalent	GP65404/GN76013			mg/kg	1240	1120	90.6	80-120%

Associated Samples:  
Batch GP65404: DA76239-1, DA76239-2, DA76239-3, DA76239-4, DA76239-5  
(\* ) Outside of QC limits

11.1  
11

DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA76239  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: CDH: Lindsey 1-35

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP65404/GN76013	DA76239-1	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:

Batch GP65404: DA76239-1, DA76239-2, DA76239-3, DA76239-4, DA76239-5

(\*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA76239  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: CDH: Lindsey 1-35

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP65404/GN76013	DA76239-1	mg/kg	0.0	45.5	37.6	82.6(a)	75-125%
Chromium, Hexavalent	GP65404/GN76013	DA76239-1	mg/kg	0.0	1110	1140	102.7(b)	75-125%

Associated Samples:

Batch GP65404: DA76239-1, DA76239-2, DA76239-3, DA76239-4, DA76239-5

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Good recovery on soluble XCR matrix spike. Good recovery (98.64%) on the post-spike.

(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.