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## Technical Report for

**Civitas**

**TASMCOA: Latham 41-1**

**AFE#250675**

**SGS Job Number: DA75340**

**Sampling Date: 09/16/25**

**Report to:**

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**Total number of pages in report: 139**



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**

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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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Test results relate only to samples analyzed.

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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:</b> DA75340-1: WH-B01@6' .....	10
<b>3.2:</b> DA75340-1A: WH-B01@6' .....	15
<b>3.3:</b> DA75340-1B: WH-B01@6' .....	17
<b>3.4:</b> DA75340-2: FL-B01@3' .....	18
<b>3.5:</b> DA75340-2A: FL-B01@3' .....	23
<b>3.6:</b> DA75340-2B: FL-B01@3' .....	25
<b>3.7:</b> DA75340-3: SP-CS01 .....	26
<b>3.8:</b> DA75340-3A: SP-CS01 .....	31
<b>3.9:</b> DA75340-3B: SP-CS01 .....	33
<b>3.10:</b> DA75340-4: FL-B02@6' .....	34
<b>3.11:</b> DA75340-4A: FL-B02@6' .....	39
<b>3.12:</b> DA75340-4B: FL-B02@6' .....	41
<b>3.13:</b> DA75340-5: SEP-B01@6' .....	42
<b>3.14:</b> DA75340-5A: SEP-B01@6' .....	47
<b>3.15:</b> DA75340-5B: SEP-B01@6' .....	49
<b>Section 4: Misc. Forms</b> .....	<b>50</b>
<b>4.1:</b> Chain of Custody .....	51
<b>Section 5: MS Semi-volatiles - QC Data Summaries</b> .....	<b>53</b>
<b>5.1:</b> Method Blank Summary .....	54
<b>5.2:</b> Blank Spike Summary .....	55
<b>5.3:</b> Matrix Spike/Matrix Spike Duplicate Summary .....	56
<b>Section 6: GC/LC Semi-volatiles - QC Data Summaries</b> .....	<b>57</b>
<b>6.1:</b> Method Blank Summary .....	58
<b>6.2:</b> Blank Spike Summary .....	59
<b>6.3:</b> Matrix Spike/Matrix Spike Duplicate Summary .....	61
<b>Section 7: Metals Analysis - QC Data Summaries</b> .....	<b>63</b>
<b>7.1:</b> Prep QC MP43032: As,Ba,Cd,Cu,Pb,Ni,Se,Zn .....	64
<b>7.2:</b> Prep QC MP43048: B .....	69
<b>7.3:</b> Prep QC MP43052: B .....	77
<b>7.4:</b> Prep QC MP43151: Ag .....	85
<b>Section 8: Misc. Forms (SGS Scott, LA)</b> .....	<b>90</b>
<b>8.1:</b> Chain of Custody .....	91
<b>Section 9: MS Volatiles - QC Data (SGS Scott, LA)</b> .....	<b>100</b>
<b>9.1:</b> Method Blank Summary .....	101
<b>9.2:</b> Blank Spike/Blank Spike Duplicate Summary .....	104
<b>9.3:</b> Matrix Spike/Matrix Spike Duplicate Summary .....	110
<b>Section 10: Metals Analysis - QC Data (SGS Scott, LA)</b> .....	<b>116</b>
<b>10.1:</b> Prep QC MP31676: Ca,Mg,Na .....	117
<b>Section 11: Misc. Forms (SGS Dayton, NJ)</b> .....	<b>120</b>

# Table of Contents

-2-

<b>11.1:</b> Chain of Custody .....	121
<b>Section 12: General Chemistry - QC Data (SGS Dayton, NJ) .....</b>	<b>123</b>
<b>12.1:</b> Method Blank and Spike Results Summary .....	124
<b>12.2:</b> Duplicate Results Summary .....	125
<b>12.3:</b> Matrix Spike Results Summary .....	126
<b>Section 13: Misc. Forms (SGS Scott, LA) .....</b>	<b>127</b>
<b>13.1:</b> Chain of Custody .....	128
<b>Section 14: General Chemistry - QC Data (SGS Scott, LA) .....</b>	<b>137</b>
<b>14.1:</b> Method Blank and Spike Results Summary .....	138
<b>14.2:</b> Duplicate Results Summary .....	139

1

2

3

4

5

6

7

8

9

10

11

12

13

14



## Sample Summary

Civitas

**Job No:** DA75340

TASMCOA: Latham 41-1  
 Project No: AFE#250675

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA75340-1	09/16/25	11:00 DT	09/16/25	SO	Soil	WH-B01@6'
DA75340-1A	09/16/25	11:00 DT	09/16/25	SO	Soil	WH-B01@6'
DA75340-1B	09/16/25	11:00 DT	09/16/25	SO	Soil	WH-B01@6'
DA75340-2	09/16/25	11:25 DT	09/16/25	SO	Soil	FL-B01@3'
DA75340-2A	09/16/25	11:25 DT	09/16/25	SO	Soil	FL-B01@3'
DA75340-2B	09/16/25	11:25 DT	09/16/25	SO	Soil	FL-B01@3'
DA75340-3	09/16/25	11:30 DT	09/16/25	SO	Soil	SP-CS01
DA75340-3A	09/16/25	11:30 DT	09/16/25	SO	Soil	SP-CS01
DA75340-3B	09/16/25	11:30 DT	09/16/25	SO	Soil	SP-CS01
DA75340-4	09/16/25	11:35 DT	09/16/25	SO	Soil	FL-B02@6'
DA75340-4A	09/16/25	11:35 DT	09/16/25	SO	Soil	FL-B02@6'
DA75340-4B	09/16/25	11:35 DT	09/16/25	SO	Soil	FL-B02@6'
DA75340-5	09/16/25	11:40 DT	09/16/25	SO	Soil	SEP-B01@6'

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



## Sample Summary

(continued)

Civitas

Job No: DA75340

TASMCOA: Latham 41-1  
Project No: AFE#250675

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA75340-5A	09/16/25	11:40 DT	09/16/25	SO	Soil	SEP-B01@6'
DA75340-5B	09/16/25	11:40 DT	09/16/25	SO	Soil	SEP-B01@6'

---

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

## Summary of Hits

**Job Number:** DA75340  
**Account:** Civitas  
**Project:** TASMCOA: Latham 41-1  
**Collected:** 09/16/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75340-1 WH-B01@6'**

TPH-DRO (C10-C28)		18.0	4.1		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		31.8	6.2		mg/kg	SW846-8015C
Arsenic		2.4	0.095		mg/kg	SW846 6020B
Barium		87.3	0.95		mg/kg	SW846 6020B
Cadmium		0.076	0.048		mg/kg	SW846 6020B
Copper		4.8	0.95		mg/kg	SW846 6020B
Lead		6.3	0.24		mg/kg	SW846 6020B
Nickel		3.6	0.95		mg/kg	SW846 6020B
Zinc		11.9	4.8		mg/kg	SW846 6020B
pH <sup>a</sup>		6.98			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.34	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75340-1A WH-B01@6'**

Calcium <sup>a</sup>		30.0	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		5.20	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		27.7	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		1.23			ratio	USDA HANDBOOK 60

**DA75340-1B WH-B01@6'**

No hits reported in this sample.

**DA75340-2 FL-B01@3'**

1-Methylnaphthalene		0.0069	0.0042		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		61.5	4.2		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		28.3	6.4		mg/kg	SW846-8015C
Arsenic		2.5	0.075		mg/kg	SW846 6020B
Barium		51.7	0.75		mg/kg	SW846 6020B
Cadmium		0.072	0.037		mg/kg	SW846 6020B
Copper		4.4	0.75		mg/kg	SW846 6020B
Lead		7.8	0.19		mg/kg	SW846 6020B
Nickel		3.2	0.75		mg/kg	SW846 6020B
Zinc		12.8	3.7		mg/kg	SW846 6020B
pH <sup>a</sup>		8.00			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.34	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75340-2A FL-B01@3'**

Calcium <sup>a</sup>		33.3	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		9.49	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		13.2	2.5		mg/l	SW846 6010C

## Summary of Hits

**Job Number:** DA75340  
**Account:** Civitas  
**Project:** TASMCOA: Latham 41-1  
**Collected:** 09/16/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Sodium Adsorption Ratio <sup>b</sup>		0.519			ratio	USDA HANDBOOK 60
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**DA75340-2B FL-B01@3'**

No hits reported in this sample.

**DA75340-3 SP-CS01**

Arsenic		2.0	0.067		mg/kg	SW846 6020B
Barium		40.5	0.67		mg/kg	SW846 6020B
Cadmium		0.064	0.034		mg/kg	SW846 6020B
Copper		2.8	0.67		mg/kg	SW846 6020B
Lead		4.0	0.17		mg/kg	SW846 6020B
Nickel		2.3	0.67		mg/kg	SW846 6020B
Zinc		9.8	3.4		mg/kg	SW846 6020B
pH <sup>a</sup>		9.33			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.31	0.010		mmhos/cm	SM 2510B-2011 MOD

**DA75340-3A SP-CS01**

Calcium <sup>a</sup>		25.1	0.50		mg/l	SW846 6010C
Magnesium <sup>a</sup>		4.59	0.50		mg/l	SW846 6010C
Sodium <sup>a</sup>		38.2	2.5		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>		1.84			ratio	USDA HANDBOOK 60

**DA75340-3B SP-CS01**

No hits reported in this sample.

**DA75340-4 FL-B02@6'**

TPH-GRO (C6-C10) <sup>a</sup>		0.397	0.22		mg/kg	SW846 8260D
1-Methylnaphthalene		0.0095	0.0043		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		134	4.4		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		17.5	6.5		mg/kg	SW846-8015C
Arsenic		1.8	0.083		mg/kg	SW846 6020B
Barium		33.3	0.83		mg/kg	SW846 6020B
Copper		1.8	0.83		mg/kg	SW846 6020B
Lead		2.6	0.21		mg/kg	SW846 6020B
Nickel		1.5	0.83		mg/kg	SW846 6020B
Zinc		6.6	4.2		mg/kg	SW846 6020B
pH <sup>a</sup>		7.22			su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>		0.85	0.010		mmhos/cm	SM 2510B-2011 MOD

## Summary of Hits

**Job Number:** DA75340  
**Account:** Civitas  
**Project:** TASMCOA: Latham 41-1  
**Collected:** 09/16/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA75340-4A FL-B02@6'**

Calcium <sup>a</sup>	109	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	19.9	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	49.4	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	1.14				ratio	USDA HANDBOOK 60

**DA75340-4B FL-B02@6'**

No hits reported in this sample.

**DA75340-5 SEP-B01@6'**

1-Methylnaphthalene	0.0171	0.0041			mg/kg	SW846 8270E
TPH-DRO (C10-C28)	171	4.2			mg/kg	SW846-8015C
TPH-ORO (> C28-C36)	35.2	6.3			mg/kg	SW846-8015C
Arsenic	1.7	0.078			mg/kg	SW846 6020B
Barium	32.8	0.78			mg/kg	SW846 6020B
Cadmium	0.043	0.039			mg/kg	SW846 6020B
Copper	2.1	0.78			mg/kg	SW846 6020B
Lead	2.6	0.19			mg/kg	SW846 6020B
Nickel	1.7	0.78			mg/kg	SW846 6020B
Zinc	7.9	3.9			mg/kg	SW846 6020B
pH <sup>a</sup>	7.41				su	WREP-125,4E-SATPASTE
Specific Conductivity <sup>a</sup>	0.77	0.010			mmhos/cm	SM 2510B-2011 MOD

**DA75340-5A SEP-B01@6'**

Calcium <sup>a</sup>	97.3	0.50			mg/l	SW846 6010C
Magnesium <sup>a</sup>	17.1	0.50			mg/l	SW846 6010C
Sodium <sup>a</sup>	34.9	2.5			mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>b</sup>	0.857				ratio	USDA HANDBOOK 60

**DA75340-5B SEP-B01@6'**

No hits reported in this sample.

(a) Analysis performed at SGS Scott, LA.

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

Sample Results

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Report of Analysis

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## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> WH-B01@6'	
<b>Lab Sample ID:</b> DA75340-1	<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Latham 41-1	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014446.D	1	09/28/25 19:13	ALA	n/a	n/a	L:V1Y649
Run #2							

Run #	Initial Weight
Run #1	4.9 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00053	0.00053	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0053	0.0053	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0053	0.0053	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0053	0.0053	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		59-143%
2037-26-5	Toluene-D8	98%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

(a) Analysis performed at SGS Scott, LA.

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> WH-B01@6'		
<b>Lab Sample ID:</b> DA75340-1		<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Latham 41-1		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G004553.D	1	09/24/25 09:44	TH	09/23/25 14:30	OP28668	E7G171
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.1 g	10.0 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	< 0.0051	0.0051	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	80%		10-130%
4165-60-0	Nitrobenzene-d5	89%		10-130%
1718-51-0	Terphenyl-d14	103%		10-130%

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> WH-B01@6'	
<b>Lab Sample ID:</b> DA75340-1	<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846-8015C SW846 3570	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Latham 41-1	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP086887.D	1	09/25/25 05:47	JB	09/18/25 10:30	OP28633	GFP2492
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)	18.0	4.1	mg/kg	
	TPH-ORO (> C28-C36)	31.8	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	100%		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> WH-B01@6'		<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-1		<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Latham 41-1		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.4	0.095	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Barium	87.3	0.95	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Cadmium	0.076	0.048	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Copper	4.8	0.95	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Lead	6.3	0.24	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Nickel	3.6	0.95	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Selenium	< 0.19	0.19	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Silver	< 0.092	0.092	mg/kg	10	09/23/25	09/27/25 GS	SW846 6020B <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	11.9	4.8	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>

(1) Instrument QC Batch: MA19648

(2) Instrument QC Batch: MA19669

(3) Prep QC Batch: MP43032

(4) Prep QC Batch: MP43151

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> WH-B01@6'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-1	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Latham 41-1	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	95.5		%	1	09/19/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	6.98		su	1	09/30/25 15:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.34	0.010	mmhos/cm	1	09/30/25 12:58	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.43	0.43	mg/kg	1	10/11/25 16:26	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> WH-B01@6'	
<b>Lab Sample ID:</b> DA75340-1A	<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/16/25
	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Latham 41-1	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	30.0	0.50	mg/l	5	09/23/25	09/29/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	5.20	0.50	mg/l	5	09/23/25	09/29/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	27.7	2.5	mg/l	5	09/23/25	09/29/25	ALA SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30796

(2) Prep QC Batch: L:MP31676

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> WH-B01@6'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-1A	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Latham 41-1	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.23		ratio	1	09/29/25 22:14	ALA	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> WH-B01@6'	
<b>Lab Sample ID:</b> DA75340-1B	<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/16/25
	<b>Percent Solids:</b> 95.5
<b>Project:</b> TASMCOA: Latham 41-1	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	09/26/25	09/29/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19674

(2) Prep QC Batch: MP43048

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> FL-B01@3'		
<b>Lab Sample ID:</b> DA75340-2		<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 92.8
<b>Project:</b> TASMCOA: Latham 41-1		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014447.D	1	09/28/25 19:37	ALA	n/a	n/a	L:V1Y649
Run #2							

	Initial Weight
Run #1	5.4 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00050	0.00050	mg/kg	
100-41-4	Ethylbenzene	< 0.0010	0.0010	mg/kg	
108-88-3	Toluene	< 0.0050	0.0050	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0050	0.0050	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0050	0.0050	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0010	0.0010	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		59-143%
2037-26-5	Toluene-D8	98%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

(a) Analysis performed at SGS Scott, LA.

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> FL-B01@3'		
<b>Lab Sample ID:</b> DA75340-2		<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 92.8
<b>Project:</b> TASMCOA: Latham 41-1		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G004554.D	1	09/24/25 10:04	TH	09/23/25 14:30	OP28668	E7G171
Run #2							

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

### COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0053	0.0053	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0042	0.0042	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0042	0.0042	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0042	0.0042	mg/kg	
218-01-9	Chrysene	< 0.0042	0.0042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0042	0.0042	mg/kg	
206-44-0	Fluoranthene	< 0.0042	0.0042	mg/kg	
86-73-7	Fluorene	< 0.0042	0.0042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0042	0.0042	mg/kg	
90-12-0	1-Methylnaphthalene	0.0069	0.0042	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0042	0.0042	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	80%		10-130%
4165-60-0	Nitrobenzene-d5	83%		10-130%
1718-51-0	Terphenyl-d14	93%		10-130%

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> FL-B01@3'	
<b>Lab Sample ID:</b> DA75340-2	<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846-8015C SW846 3570	<b>Percent Solids:</b> 92.8
<b>Project:</b> TASMCOA: Latham 41-1	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP086888.D	1	09/25/25 05:59	JB	09/18/25 10:30	OP28633	GFP2492
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)	61.5	4.2	mg/kg	
	TPH-ORO (> C28-C36)	28.3	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	98%		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> FL-B01@3'		<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-2		<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 92.8
<b>Project:</b> TASMCOA: Latham 41-1		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.5	0.075	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Barium	51.7	0.75	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Cadmium	0.072	0.037	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Copper	4.4	0.75	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Lead	7.8	0.19	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Nickel	3.2	0.75	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Selenium	< 0.15	0.15	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Silver	< 0.089	0.089	mg/kg	10	09/23/25	09/27/25 GS	SW846 6020B <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	12.8	3.7	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>

(1) Instrument QC Batch: MA19648

(2) Instrument QC Batch: MA19669

(3) Prep QC Batch: MP43032

(4) Prep QC Batch: MP43151

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FL-B01@3'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-2	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.8
<b>Project:</b> TASMCOA: Latham 41-1	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	92.8		%	1	09/19/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	8.00		su	1	09/30/25 15:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.34	0.010	mmhos/cm	1	09/30/25 12:58	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.43	0.43	mg/kg	1	10/11/25 16:42	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FL-B01@3'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-2A	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.8
<b>Project:</b> TASMCOA: Latham 41-1	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	33.3	0.50	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	9.49	0.50	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	13.2	2.5	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30796

(2) Prep QC Batch: L:MP31676

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FL-B01@3'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-2A	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.8
<b>Project:</b> TASMCOA: Latham 41-1	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.519		ratio	1	09/29/25 22:22	ALA	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> FL-B01@3'	
<b>Lab Sample ID:</b> DA75340-2B	<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/16/25
	<b>Percent Solids:</b> 92.8
<b>Project:</b> TASMCOA: Latham 41-1	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	09/29/25	09/30/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19681

(2) Prep QC Batch: MP43052

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SP-CS01	
<b>Lab Sample ID:</b> DA75340-3	<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 81.1
<b>Project:</b> TASMCOA: Latham 41-1	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014448.D	1	09/28/25 20:01	ALA	n/a	n/a	L:V1Y649
Run #2							

Run #	Initial Weight
Run #1	4.8 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00064	0.00064	mg/kg	
100-41-4	Ethylbenzene	< 0.0013	0.0013	mg/kg	
108-88-3	Toluene	< 0.0064	0.0064	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0064	0.0064	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0064	0.0064	mg/kg	
	m,p-Xylene	< 0.0026	0.0026	mg/kg	
95-47-6	o-Xylene	< 0.0013	0.0013	mg/kg	
1330-20-7	Xylene (total)	< 0.0026	0.0026	mg/kg	
	TPH-GRO (C6-C10)	< 0.26	0.26	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	87%		59-143%
2037-26-5	Toluene-D8	105%		52-159%
460-00-4	4-Bromofluorobenzene	101%		38-183%

(a) Analysis performed at SGS Scott, LA.

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> SP-CS01		
<b>Lab Sample ID:</b> DA75340-3		<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 81.1
<b>Project:</b> TASMCOA: Latham 41-1		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G004555.D	1	09/24/25 10:24	TH	09/23/25 14:30	OP28668	E7G171
Run #2							

Run #	Initial Weight	Final Volume
Run #1	4.9 g	10.0 ml
Run #2		

### COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0050	0.0050	mg/kg	
120-12-7	Anthracene	< 0.0050	0.0050	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0063	0.0063	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0050	0.0050	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0050	0.0050	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0050	0.0050	mg/kg	
218-01-9	Chrysene	< 0.0050	0.0050	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0050	0.0050	mg/kg	
206-44-0	Fluoranthene	< 0.0050	0.0050	mg/kg	
86-73-7	Fluorene	< 0.0050	0.0050	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0050	0.0050	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0050	0.0050	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0050	0.0050	mg/kg	
91-20-3	Naphthalene	< 0.0025	0.0025	mg/kg	
129-00-0	Pyrene	< 0.0050	0.0050	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	70%		10-130%
4165-60-0	Nitrobenzene-d5	90%		10-130%
1718-51-0	Terphenyl-d14	111%		10-130%

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

37  
3

<b>Client Sample ID:</b> SP-CS01	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-3	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 81.1
<b>Method:</b> SW846-8015C SW846 3570	
<b>Project:</b> TASMCOA: Latham 41-1	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP086889.D	1	09/25/25 06:10	JB	09/18/25 10:30	OP28633	GFP2492
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)	< 4.9	4.9	mg/kg	
	TPH-ORO (> C28-C36)	< 7.3	7.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		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> SP-CS01	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-3	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 81.1
<b>Project:</b> TASMCOA: Latham 41-1	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.0	0.067	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Barium	40.5	0.67	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Cadmium	0.064	0.034	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Copper	2.8	0.67	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Lead	4.0	0.17	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Nickel	2.3	0.67	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Selenium	< 0.13	0.13	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Silver	< 0.10	0.10	mg/kg	10	09/23/25	09/27/25 GS	SW846 6020B <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	9.8	3.4	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>

(1) Instrument QC Batch: MA19648

(2) Instrument QC Batch: MA19669

(3) Prep QC Batch: MP43032

(4) Prep QC Batch: MP43151

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SP-CS01	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-3	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 81.1
<b>Project:</b> TASMCOA: Latham 41-1	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	81.1		%	1	09/19/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	9.33		su	1	09/30/25 15:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.31	0.010	mmhos/cm	1	09/30/25 12:58	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.50	0.50	mg/kg	1	10/11/25 17:06	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SP-CS01		<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-3A		<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 81.1
<b>Project:</b> TASMCOA: Latham 41-1		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	25.1	0.50	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	4.59	0.50	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	38.2	2.5	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30796

(2) Prep QC Batch: L:MP31676

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis



<b>Client Sample ID:</b> SP-CS01	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-3A	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 81.1
<b>Project:</b> TASMCOA: Latham 41-1	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.84		ratio	1	09/29/25 22:26	ALA	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> SP-CS01	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-3B	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 81.1
<b>Project:</b> TASMCOA: Latham 41-1	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	09/29/25	09/30/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19681

(2) Prep QC Batch: MP43052

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FL-B02@6'	
<b>Lab Sample ID:</b> DA75340-4	<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 91.5
<b>Project:</b> TASMCOA: Latham 41-1	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	1Y014462.D	1	09/29/25 01:35	ALA	n/a	n/a	L:V1Y651
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00055	0.00055	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0055	0.0055	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0055	0.0055	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	0.397	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		59-143%
2037-26-5	Toluene-D8	132%		52-159%
460-00-4	4-Bromofluorobenzene	103%		38-183%

(a) Analysis performed at SGS Scott, LA.

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> FL-B02@6'		
<b>Lab Sample ID:</b> DA75340-4		<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 91.5
<b>Project:</b> TASMCOA: Latham 41-1		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G004556.D	1	09/24/25 10:44	TH	09/23/25 14:30	OP28668	E7G171
Run #2							

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

### COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0043	0.0043	mg/kg	
120-12-7	Anthracene	< 0.0043	0.0043	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0054	0.0054	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0043	0.0043	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0043	0.0043	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0043	0.0043	mg/kg	
218-01-9	Chrysene	< 0.0043	0.0043	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0043	0.0043	mg/kg	
206-44-0	Fluoranthene	< 0.0043	0.0043	mg/kg	
86-73-7	Fluorene	< 0.0043	0.0043	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0043	0.0043	mg/kg	
90-12-0	1-Methylnaphthalene	0.0095	0.0043	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0043	0.0043	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	61%		10-130%
4165-60-0	Nitrobenzene-d5	66%		10-130%
1718-51-0	Terphenyl-d14	93%		10-130%

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> FL-B02@6'		
<b>Lab Sample ID:</b> DA75340-4		<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846-8015C SW846 3570		<b>Percent Solids:</b> 91.5
<b>Project:</b> TASMCOA: Latham 41-1		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP086890.D	1	09/25/25 06:22	JB	09/18/25 10:30	OP28633	GFP2492
Run #2							

Run #	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)	134	4.4	mg/kg	
	TPH-ORO (> C28-C36)	17.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	105%		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> FL-B02@6'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-4	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.5
<b>Project:</b> TASMCOA: Latham 41-1	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.8	0.083	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Barium	33.3	0.83	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Cadmium	< 0.042	0.042	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Copper	1.8	0.83	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Lead	2.6	0.21	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Nickel	1.5	0.83	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Selenium	< 0.17	0.17	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Silver	< 0.094	0.094	mg/kg	10	09/23/25	09/27/25 GS	SW846 6020B <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	6.6	4.2	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>

(1) Instrument QC Batch: MA19648

(2) Instrument QC Batch: MA19669

(3) Prep QC Batch: MP43032

(4) Prep QC Batch: MP43151

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FL-B02@6'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-4	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.5
<b>Project:</b> TASMCOA: Latham 41-1	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	91.5		%	1	09/19/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH <sup>a</sup>	7.22		su	1	09/30/25 15:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity <sup>a</sup>	0.85	0.010	mmhos/cm	1	09/30/25 12:58	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.45	0.45	mg/kg	1	10/11/25 17:52	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FL-B02@6'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-4A	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.5
<b>Project:</b> TASMCOA: Latham 41-1	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	109	0.50	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	19.9	0.50	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	49.4	2.5	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30796

(2) Prep QC Batch: L:MP31676

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FL-B02@6'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-4A	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.5
<b>Project:</b> TASMCOA: Latham 41-1	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	1.14		ratio	1	09/29/25 22:30	ALA	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> FL-B02@6'		<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-4B		<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 91.5
<b>Project:</b> TASMCOA: Latham 41-1		

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	09/29/25	09/30/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19681

(2) Prep QC Batch: MP43052

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> SEP-B01@6'		
<b>Lab Sample ID:</b> DA75340-5		<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 91.9
<b>Project:</b> TASMCOA: Latham 41-1		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	11122068.D	1	09/30/25 21:42	ALA	n/a	n/a	L:V1I4550
Run #2 <sup>b</sup>	1Y014463.D	1	09/29/25 01:59	ALA	n/a	n/a	L:V1Y651

	Initial Weight
Run #1	4.7 g
Run #2	5.0 g

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00058	0.00058	mg/kg	
100-41-4	Ethylbenzene	< 0.0012	0.0012	mg/kg	
108-88-3	Toluene	< 0.0058	0.0058	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0058	0.0058	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0058	0.0058	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0012	0.0012	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
17060-07-0	1,2-Dichloroethane-D4	130%	59%	59-143%
2037-26-5	Toluene-D8	96%	109%	52-159%
460-00-4	4-Bromofluorobenzene	117%	113%	38-183%

(a) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.

Analysis performed at SGS Scott, LA.

(b) Confirmation run for internal standard areas. Analysis performed at SGS Scott, LA.

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> SEP-B01 @6'		<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-5		<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 91.9
<b>Method:</b> SW846 8270E SW846 3570		
<b>Project:</b> TASMCOA: Latham 41-1		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G004557.D	1	09/24/25 11:04	TH	09/23/25 14:30	OP28668	E7G171
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 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	< 0.0051	0.0051	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	0.0171	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	86%		10-130%
4165-60-0	Nitrobenzene-d5	91%		10-130%
1718-51-0	Terphenyl-d14	115%		10-130%

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> SEP-B01@6'		
<b>Lab Sample ID:</b> DA75340-5		<b>Date Sampled:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 09/16/25
<b>Method:</b> SW846-8015C SW846 3570		<b>Percent Solids:</b> 91.9
<b>Project:</b> TASMCOA: Latham 41-1		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP086891.D	1	09/25/25 06:33	JB	09/18/25 10:30	OP28633	GFP2492
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

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

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	171	4.2	mg/kg	
	TPH-ORO (> C28-C36)	35.2	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	102%		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> SEP-B01@6'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-5	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.9
<b>Project:</b> TASMCOA: Latham 41-1	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.7	0.078	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Barium	32.8	0.78	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Cadmium	0.043	0.039	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Copper	2.1	0.78	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Lead	2.6	0.19	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Nickel	1.7	0.78	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Selenium	< 0.16	0.16	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>
Silver	< 0.082	0.082	mg/kg	10	09/23/25	09/27/25 GS	SW846 6020B <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	7.9	3.9	mg/kg	5	09/18/25	09/23/25 GS	SW846 6020B <sup>1</sup>	SW846 3050B <sup>3</sup>

(1) Instrument QC Batch: MA19648

(2) Instrument QC Batch: MA19669

(3) Prep QC Batch: MP43032

(4) Prep QC Batch: MP43151

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SEP-B01@6'		<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-5		<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 91.9
<b>Project:</b> TASMCOA: Latham 41-1		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b> Solids, Percent	91.9		%	1	09/19/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b> pH <sup>a</sup>	7.41		su	1	09/30/25 15:30	ALA	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b> Specific Conductivity <sup>a</sup>	0.77	0.010	mmhos/cm	1	09/30/25 12:58	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>b</sup>	< 0.43	0.43	mg/kg	1	10/11/25 18:08	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SEP-B01@6'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-5A	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.9
<b>Project:</b> TASMCOA: Latham 41-1	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium <sup>a</sup>	97.3	0.50	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium <sup>a</sup>	17.1	0.50	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium <sup>a</sup>	34.9	2.5	mg/l	5	09/23/25	09/29/25 ALA	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: L:MA30796

(2) Prep QC Batch: L:MP31676

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SEP-B01@6'	<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-5A	<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.9
<b>Project:</b> TASMCOA: Latham 41-1	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.857		ratio	1	09/29/25 22:34	ALA	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> SEP-B01@6'		<b>Date Sampled:</b> 09/16/25
<b>Lab Sample ID:</b> DA75340-5B		<b>Date Received:</b> 09/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 91.9
<b>Project:</b> TASMCOA: Latham 41-1		

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	09/29/25	09/30/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19681

(2) Prep QC Batch: MP43052

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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





MS Semi-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:** DA75340  
**Account:** CIVITCOW Civitas  
**Project:** TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28668-MB	7G004540.D	1	09/24/25	TH	09/23/25	OP28668	E7G171

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	4.0	ug/kg	
120-12-7	Anthracene	ND	4.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	4.0	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	4.0	ug/kg	
50-32-8	Benzo(a)pyrene	ND	4.0	ug/kg	
218-01-9	Chrysene	ND	4.0	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	4.0	ug/kg	
206-44-0	Fluoranthene	ND	4.0	ug/kg	
86-73-7	Fluorene	ND	4.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.0	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4.0	ug/kg	
91-20-3	Naphthalene	ND	2.0	ug/kg	
129-00-0	Pyrene	ND	4.0	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
321-60-8	2-Fluorobiphenyl	99%	10-130%
4165-60-0	Nitrobenzene-d5	92%	10-130%
1718-51-0	Terphenyl-d14	116%	10-130%

5.1.1  
5

# Blank Spike Summary

**Job Number:** DA75340  
**Account:** CIVITCOW Civitas  
**Project:** TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28668-BS	7G004541.D	1	09/24/25	TH	09/23/25	OP28668	E7G171

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	214	107	31-130
120-12-7	Anthracene	200	226	113	46-134
56-55-3	Benzo(a)anthracene	200	226	113	52-135
205-99-2	Benzo(b)fluoranthene	200	231	116	50-136
207-08-9	Benzo(k)fluoranthene	200	240	120	52-134
50-32-8	Benzo(a)pyrene	200	231	116	50-130
218-01-9	Chrysene	200	236	118	51-131
53-70-3	Dibenzo(a,h)anthracene	200	234	117	49-136
206-44-0	Fluoranthene	200	231	116	51-137
86-73-7	Fluorene	200	219	110	38-130
193-39-5	Indeno(1,2,3-cd)pyrene	200	235	118	50-139
90-12-0	1-Methylnaphthalene	200	205	103	18-130
91-57-6	2-Methylnaphthalene	200	206	103	16-130
91-20-3	Naphthalene	200	194	97	5-130
129-00-0	Pyrene	200	232	116	48-136

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	98%	10-130%
4165-60-0	Nitrobenzene-d5	96%	10-130%
1718-51-0	Terphenyl-d14	100%	10-130%

\* = Outside of Control Limits.

5.2.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** CIVITCOW Civitas  
**Project:** TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28668-MS	7G004542.D	1	09/24/25	TH	09/23/25	OP28668	E7G171
OP28668-MSD	7G004543.D	1	09/24/25	TH	09/23/25	OP28668	E7G171
DA75337-2	7G004544.D	1	09/24/25	TH	09/23/25	OP28668	E7G171

The QC reported here applies to the following samples:

Method: SW846 8270E

DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

CAS No.	Compound	DA75337-2 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	< 4.1	199	188	95	199	186	94	1	12-130/52
120-12-7	Anthracene	< 4.1	199	200	101	199	198	100	1	31-130/60
56-55-3	Benzo(a)anthracene	< 5.1	199	209	105	199	202	102	3	34-130/60
205-99-2	Benzo(b)fluoranthene	< 4.1	199	206	104	199	216	109	5	10-168/60
207-08-9	Benzo(k)fluoranthene	< 4.1	199	216	109	199	199	100	8	30-130/60
50-32-8	Benzo(a)pyrene	< 4.1	199	210	106	199	204	103	3	10-179/60
218-01-9	Chrysene	< 4.1	199	213	107	199	209	105	2	34-130/60
53-70-3	Dibenzo(a,h)anthracene	< 4.1	199	212	107	199	208	105	2	20-138/60
206-44-0	Fluoranthene	< 4.1	199	209	105	199	205	103	2	32-130/60
86-73-7	Fluorene	< 4.1	199	194	98	199	191	96	2	20-130/60
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.1	199	210	106	199	205	103	2	17-148/60
90-12-0	1-Methylnaphthalene	< 4.1	199	184	93	199	180	91	2	10-130/41
91-57-6	2-Methylnaphthalene	< 4.1	199	182	92	199	181	91	1	14-130/40
91-20-3	Naphthalene	< 2.0	199	171	86	199	172	86	1	10-130/40
129-00-0	Pyrene	< 4.1	199	211	106	199	204	103	3	31-130/60

CAS No.	Surrogate Recoveries	MS	MSD	DA75337-2	Limits
321-60-8	2-Fluorobiphenyl	107%	106%	72%	10-130%
4165-60-0	Nitrobenzene-d5	107%	106%	80%	10-130%
1718-51-0	Terphenyl-d14	113%	117%	103%	10-130%

\* = Outside of Control Limits.

5.3.1  
5

GC/LC 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:** DA75340  
**Account:** CIVITCOW Civitas  
**Project:** TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28633-MB	FP086863.D	1	09/25/25	JB	09/18/25	OP28633	GFP2492

The QC reported here applies to the following samples:

Method: SW846-8015C

DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

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	99% 20-142%

6.1.1  
6

# Blank Spike Summary

**Job Number:** DA75340  
**Account:** CIVITCOW Civitas  
**Project:** TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28633-BS1	FP086864.D	1	09/25/25	JB	09/18/25	OP28633	GFP2492

The QC reported here applies to the following samples:

Method: SW846-8015C

DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	179	90	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	109%	20-142%

\* = Outside of Control Limits.

# Blank Spike Summary

**Job Number:** DA75340  
**Account:** CIVITCOW Civitas  
**Project:** TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28633-BS2	FP086865.D	1	09/25/25	JB	09/18/25	OP28633	GFP2492

The QC reported here applies to the following samples:

Method: SW846-8015C

DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	231	116	70-138

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	104%	20-142%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** CIVITCOW Civitas  
**Project:** TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28633-MS1	FP086866.D	1	09/25/25	JB	09/18/25	OP28633	GFP2492
OP28633-MSD1	FP086867.D	1	09/25/25	JB	09/18/25	OP28633	GFP2492
DA75336-7	FP086870.D	1	09/25/25	JB	09/18/25	OP28633	GFP2492

The QC reported here applies to the following samples:

Method: SW846-8015C

DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

CAS No.	Compound	DA75336-7 mg/kg	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.4	226	227	100	226	198	88	14	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75336-7	Limits
84-15-1	o-Terphenyl	116%	100%	97%	20-142%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** CIVITCOW Civitas  
**Project:** TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28633-MS2	FP086868.D	1	09/25/25	JB	09/18/25	OP28633	GFP2492
OP28633-MSD2	FP086869.D	1	09/25/25	JB	09/18/25	OP28633	GFP2492
DA75336-8	FP086871.D	1	09/25/25	JB	09/18/25	OP28633	GFP2492

The QC reported here applies to the following samples:

Method: SW846-8015C

DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

CAS No.	Compound	DA75336-8 mg/kg	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 6.5	216	245	113	216	241	112	2	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75336-8	Limits
84-15-1	o-Terphenyl	100%	101%	94%	20-142%

\* = Outside of Control Limits.

## 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: DA75340  
Account: CIVITCOW - Civitas  
Project: TASMCOA: Latham 41-1

QC Batch ID: MP43032  
Matrix Type: SOLID

Methods: SW846 6020B  
Units: mg/kg

Prep Date: 09/18/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	25	.26	2.5		
Antimony	0.20	.005	.025		
Arsenic	0.10	.025	.025	0.018	<0.10
Barium	1.0	.048	.12	0.062	<1.0
Beryllium	0.10	.038	.02		
Boron	20	9.1	5		
Cadmium	0.050	.015	.02	0.0054	<0.050
Calcium	200	13	15		
Chromium	1.0	.043	.3		
Cobalt	0.10	.02	.013		
Copper	1.0	.025	.13	0.023	<1.0
Iron	10	.8	7.5		
Lead	0.25	.047	.1	0.027	<0.25
Magnesium	50	5	5		
Manganese	0.50	.04	.1		
Molybdenum	0.50	.019	.14		
Nickel	1.0	.049	.1	0.035	<1.0
Phosphorus	30	3.8	13		
Potassium	100	1	13		
Selenium	0.20	.025	.025	0.0094	<0.20
Silver	0.050	.0041	.015		
Sodium	250	5	15		
Strontium	10	.05	.5		
Thallium	0.10	.016	.02		
Tin	5.0	.11	2		
Titanium	1.0	.025	.15		
Uranium	0.10	.0074	.05		
Vanadium	0.50	.071	.1		
Zinc	5.0	.025	.5	0.12	<5.0

Associated samples MP43032: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

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

7.1.1  
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43032  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/18/25

Metal	DA75340-5 Original MS		Spike/lot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	1.7	68.6	65.6	102.1	75-125
Barium	32.8	180	131	112.3	75-125
Beryllium					
Boron					
Cadmium	0.043	34.0	32.8	103.6	75-125
Calcium					
Chromium					
Cobalt					
Copper	2.1	62.9	32.8	185.5N	75-125
Iron					
Lead	2.6	73.1	65.6	107.6	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	1.7	63.0	32.8	187.0N	75-125
Phosphorus					
Potassium					
Selenium	0.072	65.3	65.6	99.5	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	7.9	42.7	32.8	106.2	75-125

Associated samples MP43032: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

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

7.1.2  
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43032  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/18/25

Metal	DA75340-5 Original MSD		SpikeLot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	1.7	73.9	73	98.9	7.4	20
Barium	32.8	194	146	110.4	7.5	20
Beryllium						
Boron						
Cadmium	0.043	38.0	36.5	103.9	11.1	20
Calcium						
Chromium						
Cobalt						
Copper	2.1	39.4	36.5	102.2	45.9 (a)	20
Iron						
Lead	2.6	78.2	73	103.5	6.7	20
Magnesium						
Manganese						
Molybdenum						
Nickel	1.7	38.6	36.5	101.1	48.0 (a)	20
Phosphorus						
Potassium						
Selenium	0.072	70.9	73	97.0	8.2	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	7.9	47.6	36.5	108.7	10.9	20

Associated samples MP43032: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

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 nonhomogeneity.

7.1.2  
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43032  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/18/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	102	100	102.0	80-120
Barium	200	200	100.0	80-120
Beryllium				
Boron				
Cadmium	51.0	50	102.0	80-120
Calcium				
Chromium				
Cobalt				
Copper	50.7	50	101.4	80-120
Iron				
Lead	102	100	102.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.8	50	101.6	80-120
Phosphorus				
Potassium				
Selenium	101	100	101.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	49.8	50	99.6	80-120

Associated samples MP43032: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43032  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: ug/l

Prep Date: 09/18/25

Metal	DA75340-5		QC	
	Original	SDL 5:25	%DIF	Limits
Aluminum				
Antimony				
Arsenic	21.4	21.8	1.5	0-20
Barium	422	437	3.6	0-20
Beryllium				
Boron				
Cadmium	0.554	0.784	41.5 (a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	26.4	26.0	1.6	0-20
Iron				
Lead	33.8	33.6	0.6	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	22.4	23.4	4.2	0-20
Phosphorus				
Potassium				
Selenium	0.928	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	102	98.4	3.2	0-20

Associated samples MP43032: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

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

7.1.4  
7

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75340  
Account: CIVITCOW - Civitas  
Project: TASMCOA: Latham 41-1

QC Batch ID: MP43048  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/26/25

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	14.5	<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 MP43048: DA75340-1B

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

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75340  
Account: CIVITCOW - Civitas  
Project: TASMCOA: Latham 41-1

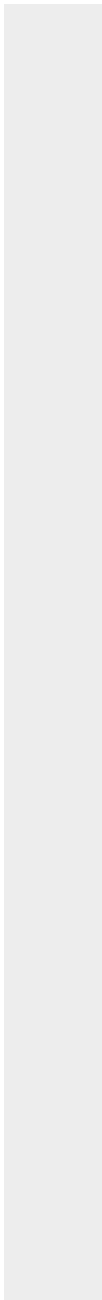
QC Batch ID: MP43048  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/26/25

Metal	RL	IDL	MDL	MB raw	final
-------	----	-----	-----	-----------	-------

(anr) Analyte not requested



7.2.1  
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43048  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/26/25 09/26/25

Metal	DA75340-1B Original	DUP	RPD	QC Limits	DA75340-1B Original MS	Spikelot ICPAL6	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Boron	97.5	86.0	12.5	0-20	97.5	10100	10000	100.0 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 MP43048: DA75340-1B

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

7.2.2  
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

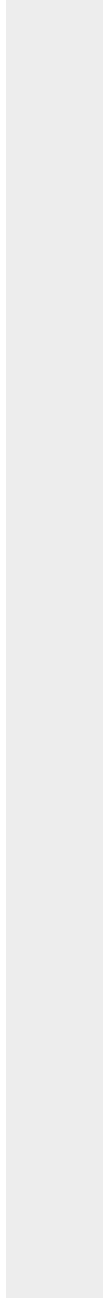
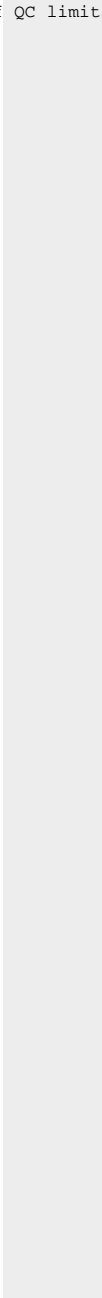
QC Batch ID: MP43048  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/26/25 09/26/25

Metal	DA75340-1B Original DUP	RPD	QC Limits	DA75340-1B Original MS	Spikelot ICPALL6	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested



SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43048  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/26/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9070	10000	90.7	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 MP43048: DA75340-1B

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

7.2.3  
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75340  
Account: CIVITCOW - Civitas  
Project: TASMCOA: Latham 41-1

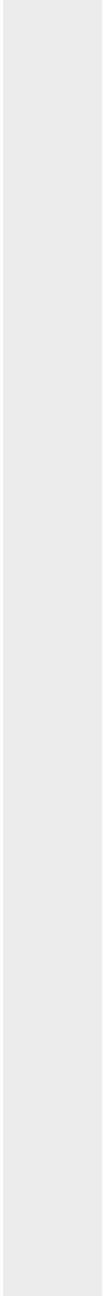
QC Batch ID: MP43048  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/26/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
-------	---------------	---------------------	-------	--------------

(anr) Analyte not requested



SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43048  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/26/25

Metal	DA75340-1B Original SDL 1:5	%DIF	QC Limits
Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Boron	19.5	30.9	58.5 (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 MP43048: DA75340-1B

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

7.2.4  
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75340  
Account: CIVITCOW - Civitas  
Project: TASMCOA: Latham 41-1

QC Batch ID: MP43048  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/26/25

Metal	DA75340-1B	QC
	Original SDL 1:5 %DIF	Limits

(anr) Analyte not requested

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

7.2.4

7

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75340  
Account: CIVITCOW - Civitas  
Project: TASMCOA: Latham 41-1

QC Batch ID: MP43052  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/29/25

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	11.5	<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 MP43052: DA75340-2B, DA75340-3B, DA75340-4B, DA75340-5B

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

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75340  
Account: CIVITCOW - Civitas  
Project: TASMCOA: Latham 41-1

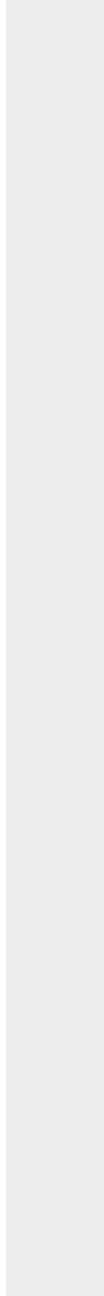
QC Batch ID: MP43052  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/29/25

Metal	RL	IDL	MDL	MB raw	final
-------	----	-----	-----	-----------	-------

(anr) Analyte not requested



MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43052  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/29/25 09/29/25

Metal	DA75343-1B Original	DUP	RPD	QC Limits	DA75343-1B Original MS	Spikelot ICPAL6	% Rec	QC Limits	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	231	246	6.3	0-20	231	10800	10000	105.7	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 MP43052: DA75340-2B, DA75340-3B, DA75340-4B, DA75340-5B

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

7.3.2  
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

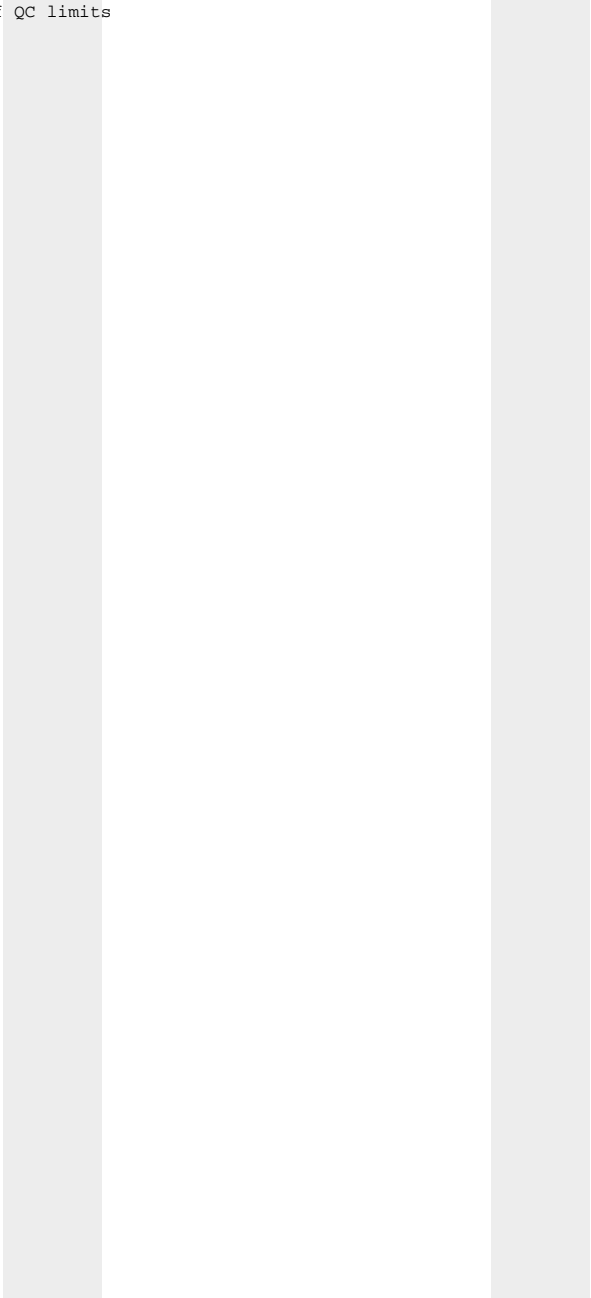
QC Batch ID: MP43052  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/29/25 09/29/25

Metal	DA75343-1B Original DUP	RPD	QC Limits	DA75343-1B Original MS	Spikelot ICPALL6	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested



7.3.2

7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43052  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/29/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9050	10000	90.5	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 MP43052: DA75340-2B, DA75340-3B, DA75340-4B, DA75340-5B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75340  
Account: CIVITCOW - Civitas  
Project: TASMCOA: Latham 41-1

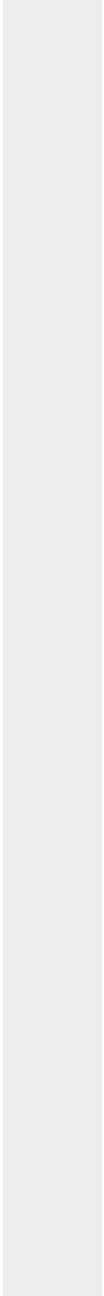
QC Batch ID: MP43052  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/29/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
-------	---------------	---------------------	-------	--------------

(anr) Analyte not requested



SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43052  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/29/25

Metal	DA75343-1B Original SDL 1:5	%DIF	QC Limits
Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Boron	46.2	55.7	20.6 (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 MP43052: DA75340-2B, DA75340-3B, DA75340-4B, DA75340-5B

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

7.3.4  
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75340  
Account: CIVITCOW - Civitas  
Project: TASMCOA: Latham 41-1

QC Batch ID: MP43052  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/29/25

Metal	DA75343-1B	QC
	Original SDL 1:5 %DIF	Limits

(anr) Analyte not requested

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

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA75340  
Account: CIVITCOW - Civitas  
Project: TASMCOA: Latham 41-1

QC Batch ID: MP43151  
Matrix Type: SOLID

Methods: SW846 6020B  
Units: mg/kg

Prep Date: 09/23/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05		
Barium	2.0	.096	.24		
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04		
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25		
Iron	20	1.6	15		
Lead	0.50	.094	.2		
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2		
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.10	.05	.05		
Silver	0.10	.0081	.03	0.0071	<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		

Associated samples MP43151: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

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

7.4.1  
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43151  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	DA75337-9 Original MS	SpikeLot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silver	22.1	0.021	18.8	-117.6Na 75-125
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43151: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

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 and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43151  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	DA75337-9 Original MSD	SpikeLot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silver	22.1	19.3	18.5	-15.1N(a)	199.6 (b)20
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP43151: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

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 and/or sample nonhomogeneity.

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43151  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 09/23/25

Metal	BSP Result	Spikelot ICPMS6	QC % Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silver	20.7	20	103.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43151: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

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

7.4.3  
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75340  
 Account: CIVITCOW - Civitas  
 Project: TASMCOA: Latham 41-1

QC Batch ID: MP43151  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: ug/l

Prep Date: 09/23/25

Metal	DA75337-9	QC
	Original SDL 10:50%DIF	Limits

Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silver	205	197	4.2	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43151: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

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

7.4.4  
7

Misc. Forms

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Custody Documents and Other Forms

(SGS Scott, LA)

---

Includes the following where applicable:

- Chain of Custody





PRECISION AIR CARGO

P.O. Box 5688  
Denver, Colorado  
80217-5688  
303.576.0020  
1.800.842.7472

How

PIECES	ORIGIN	WEIGHT
5	DEN	

8.1  
8

DA75340: Chain of Custody  
Page 2 of 9

PC# 5 OF 5  
 DG G  
 LOT WT 430 LB  
 (195.0 KG)  
 DEN WN 2465 17 SEP 17:10  
 STN FLT DATE ETD LOT 01  
**HOU**  
**526 DEN 2963 8556**  
 SOUTHWEST AIRLINE  
 Printed on 17 SEP 15:13

PC ID: 0005  
 PC WT: 85 LB  
 526 29638556 0005

**MEG**

SOUTHWEST AIRLINES

Printed on:  
17 SEP 15:55

526 DEN 2963 8556

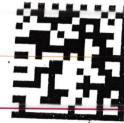


**HOU**

PC# 3 OF 5 DG G LOT WT 430 LB  
(195.0 KG)

DEN WN 2465 17 SEP 17:10

STN FLT DATE ETD LOT 01




PC ID: 0003  
PC WT: 86LB  
526 29638556 0003

**NFC**

Printed on: 17 SEP 15:55

**SOUTHWEST AIRLINES**

526 DEN 2963 8556




PC#	DG	5	G	2 OF
LOT WT	430 LB	(195.0 KG)		

STN	FLT	DATE	EID	LOT 01
DEN	WN 2465	17 SEP	17:10	

PC ID: 0002  
PC WT: 86LB

526 29638556 0002

**MFG**




DA75340: Chain of Custody  
Page 5 of 9

Printed on:  
17 SEP 15:55

**SOUTHWEST AIRLINES**

526 DEN 2963 **8556**



**HOU**

PC#	1	OF	5
DG	G		
LOT WT	430 LB	(195.0 KG)	

DEN WED 24 SEP 17 SEP 17:10

STN	FLT	DATE	ETD	LOT 01
-----	-----	------	-----	--------

526 29638556-0001

PG ID: 0004  
P-C WT: 86LB

**NEG**

DA75340: Chain of Custody  
Page 6 of 9

User: MTHOMAS



House Waybill  
Shipper's Copy  
DEN 1131515  
Date: 09/17/2025  
Org: DEN Dest: IAH

Consignee:  
SGS NORTH AMERICA  
10175 HARWIN DRIVE  
STE 107  
HOUSTON, TX 77036, US  
Phone: 281-881-1457

Bill To Ref: 721179

Delivery By: Wednesday, September 17, 2025 10:00 PM  
Insured Value:

# PRECISION AIR CARGO INC

Est. 1989

Precision Air Cargo, Inc.  
14155 E. 42nd Ave., Suite 80  
Denver, CO 80239, US  
Phone: 303-576-0020  
Fax: 303-576-0214  
Email: general@precisionaircargo.com

Shipper:  
SGS NORTH AMERICA INC.  
4036 YOUNGFIELD ST  
WHEATRIDGE, CO 80033, US  
Phone: 303-425-6121  
Contact: ERIC  
Email: Terri.McNulty-Flatterson@sgs.com  
Ref#: 721179

Bill To:  
SGS NORTH AMERICA INC.  
4036 YOUNGFIELD ST  
WHEATRIDGE, CO 80033, US  
Contact: TERRI MCNULTY-PATTERSON  
Payment Terms: Third Party  
Service Level: EX-Emergency Express  
Pickup By: Wednesday, September 17, 2025 12:00 PM

### Special Instructions:

### Items To Be Shipped:

Pieces	Pkg Type	H/M
5	PC	<input type="checkbox"/>

Description	Length	Width	Height	Weight (lb)
WATER SAMPLES	24.0	17.0	14.0	345.0

Total Pieces: 5

Total Actual Weight: 345.0

Total Dimensional Weight: 172.0

Total Charged Weight: 345.0

Fax: 303-576-0214  
Email: general@precisionaircargo.com

Precision Air Cargo, Inc. - Voice: 303-576-0020  
14155 E. 42nd Ave., Suite 80  
Denver, CO 80239, US

WEIGHTS SUBJECT TO DIMENSIONAL CORRECTION. DELIVERY AGENT: PRECISION HOUSE BILL MUST HAVE CONSIGNEE SIGNATURE IN ORDER TO RECEIVE PAYMENT. SIGNATURE CONSENTS TO PRECISION AIR CARGO TERMS AND CONDITIONS AVAILABLE AT WWW.PRECISIONAIRCARGO.COM OR BY REQUEST.

SHIPPER SIGNATURE	DATE	TIME	RECEIVED IN GOOD ORDER EXCEPT AS NOTED	DATE	TIME
<i>Eric</i>	9/17/25	14:42	RECEIVED IN GOOD ORDER EXCEPT AS NOTED		
<i>DA</i>	9/18/25	05:00am	RECEIVED IN GOOD ORDER EXCEPT AS NOTED		

526 DEN 29638556 526 - 29638556

Shipper's Name and Address  
 PRECISION LIFE CARGO  
 P.O. BOX 5683  
 DENVER, CO 80217  
 US +1 (303) 556-0120

Not Negotiable / Issued by  
 52629638556 swacargo.com (800) 533-1222

Southwest  
 Cargo

Shipper's Account Number  
 30495 -1

Consignee's Name and Address  
 SGS NORTH  
 1075 HARWIN  
 HOUSTON, TX 77036  
 US +1 (281) 881-1457

Consignee's Account Number  
 DTS

Received in Good Order & Condition at:  
 HOU - 5 pcs 09/17/2025 22:09 CDT by DUSTIN ANTHONY

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

Issuing Carrier's Agent Name and City  
 DENVER

Agent's IATA Code  
 Account No.

Service Level - N

Accounting Information

Declared Value for Carriage  
 NVD

Declared Value for Customs  
 NVD

Amount of Insurance  
 INSURANCE - If carrier offers insurance, and such insurance is required by law, the amount to be insured in figures in box marked "Amount of Insurance".

Flight Data  
 For Carrier Use Only  
 Flight Date  
 WN2465 / 17SEP

By First Carrier  
 HOU | SOUTHWEST AIRLINES

To By To By  
 DENVER

HANDLING INFORMATION

No. of Pieces RCP	Gross Weight	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
5	430	B	0000	430	As Agreed	*****	SOIL/WATER/AIR SAMPLES 5 = 24 X 17 X 14

Other Charges and Description  
 NYC 0.00 SCC 0.00

Prepaid Weight Charge Collect  
 Valuation Charge  
 Tax

Total Other Charges Due Agent/  
 Total Other Charges Due Carrier

\*\*\*\*\*

Total Prepaid Total Collect

Remarks: 9/17/25 10:50am DTS  
 Receiving Unit: 218805 05:20 Am

Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations. I consent that this shipment shall be subject to search by the Carrier.

LEE MITCHELL  
 Signature of Shipper or his Agent

Currency Conversion Rates  
 SCC Changes in Dist. Currency/  
 Executed on (date and time)

09/17/2025 15:54 MDT DEN E21655

For Carriers Use only at Destination  
 Changes at Destination

Total Collect Charges

Signature of Issuing Carrier or its Agent  
 526 - 29638556

COPY 4 (DELIVERY RECEIPT)



## SGS Sample Receipt Summary

Job Number: da75340

Client: SGS CO

Project: TASMCOA LATHAM 41-1

Date / Time Received: 9/18/2025 7:10:00 AM

Delivery Method: THWEST AIRLINES CAI

Airbill #'s: 52629638556 0001-0005

**Cooler Temps (Raw Measured) °C:** Cooler 1: (1.2); Cooler 2: (1.4); Cooler 3: (1.4); Cooler 4: (1.5); Cooler 5: (1.2);

**Cooler Temps (Corrected) °C:** Cooler 1: (1.0); Cooler 2: (1.2); Cooler 3: (1.2); Cooler 4: (1.3); Cooler 5: (1.0);

**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 GUN</u>                       |                          |
| 3. Cooler media:             | <u>Ice (direct contact)</u>         |                          |
| 4. No. Coolers:              | <u>5</u>                            |                          |

**Quality Control Preservatio**

Y or N

N/A

- |                                 |                                     |                                     |                          |
|---------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC:    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                          |
| 4. VOCs headspace free:         | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input 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 instructions 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: _____	pH 12+: _____	Other: (Specify) _____
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Comments

SM089-03  
Rev. Date 12/7/17

MS Volatiles

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QC Data Summaries

(SGS Scott, LA)

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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:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y649-MB	1Y014426.D	1	09/28/25	NN	n/a	n/a	V1Y649

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-1, DA75340-2, DA75340-3

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	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	
17060-07-0	1,2-Dichloroethane-D4	96%	59-143%
2037-26-5	Toluene-D8	99%	52-159%
460-00-4	4-Bromofluorobenzene	100%	38-183%

## Method Blank Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y651-MB	1Y014456.D	1	09/28/25	NN	n/a	n/a	V1Y651

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-4

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	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	
17060-07-0	1,2-Dichloroethane-D4	90%	59-143%
2037-26-5	Toluene-D8	98%	52-159%
460-00-4	4-Bromofluorobenzene	99%	38-183%

## Method Blank Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V114550-MB	11122048.D	1	09/30/25	PO	n/a	n/a	V114550

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-5

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	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	
17060-07-0	1,2-Dichloroethane-D4	115%	59-143%
2037-26-5	Toluene-D8	100%	52-159%
460-00-4	4-Bromofluorobenzene	99%	38-183%

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y649-BS	1Y014421A.D	1	09/28/25	NN	n/a	n/a	V1Y649
V1Y649-BSD	1Y014422.D	1	09/28/25	NN	n/a	n/a	V1Y649

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-1, DA75340-2, DA75340-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	18.2	91	18.3	92	200* a	67-135/30
100-41-4	Ethylbenzene	20	19.4	97	19.2	96	200* a	69-136/30
108-88-3	Toluene	20	19.3	97	19.0	95	200* a	71-135/30
95-63-6	1,2,4-Trimethylbenzene	20	19.7	99	19.4	97	200* a	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	19.7	99	19.9	100	200* a	51-153/30
	m,p-Xylene	40	40.1	100	39.9	100	200* a	70-140/30
95-47-6	o-Xylene	20	17.9	90	18.4	92	200* a	70-132/30
1330-20-7	Xylene (total)	60	58.0	97	58.4	97	200* a	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	94%	95%	59-143%
2037-26-5	Toluene-D8	96%	97%	52-159%
460-00-4	4-Bromofluorobenzene	102%	100%	38-183%

(a) Analytical precision exceeds in house control limits. Both BS and BSD are within passing criteria.

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y649-BS	1Y014423A.D	1	09/28/25	NN	n/a	n/a	V1Y649
V1Y649-BSD	1Y014424.D	1	09/28/25	NN	n/a	n/a	V1Y649

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-1, DA75340-2, DA75340-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	2000	1860	93	1860	93		50-150/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	98%	97%	59-143%
2037-26-5	Toluene-D8	96%	96%	52-159%
460-00-4	4-Bromofluorobenzene	98%	95%	38-183%

9.2.2  
9

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y651-BS	1Y014451A.D	1	09/28/25	NN	n/a	n/a	V1Y651
V1Y651-BSD	1Y014452.D	1	09/28/25	NN	n/a	n/a	V1Y651

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	18.3	92	18.4	92	1	67-135/30
100-41-4	Ethylbenzene	20	19.0	95	18.7	94	2	69-136/30
108-88-3	Toluene	20	19.2	96	18.8	94	2	71-135/30
95-63-6	1,2,4-Trimethylbenzene	20	18.4	92	18.6	93	1	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	18.6	93	18.7	94	1	51-153/30
	m,p-Xylene	40	38.8	97	38.3	96	1	70-140/30
95-47-6	o-Xylene	20	18.1	91	17.8	89	2	70-132/30
1330-20-7	Xylene (total)	60	56.8	95	56.1	94	1	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	93%	90%	59-143%
2037-26-5	Toluene-D8	96%	99%	52-159%
460-00-4	4-Bromofluorobenzene	102%	102%	38-183%

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y651-BS	1Y014453A.D	1	09/28/25	NN	n/a	n/a	V1Y651
V1Y651-BSD	1Y014454.D	1	09/28/25	NN	n/a	n/a	V1Y651

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	2000	1700	85	1690	85	1	50-150/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	96%	94%	59-143%
2037-26-5	Toluene-D8	99%	95%	52-159%
460-00-4	4-Bromofluorobenzene	96%	96%	38-183%

9.2.4

9

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V114550-BS	11122044.D	1	09/30/25	PO	n/a	n/a	V114550
V114550-BSD	11122045.D	1	09/30/25	PO	n/a	n/a	V114550

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	2000	2380	119	2160	108	10	50-150/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	113%	113%	59-143%
2037-26-5	Toluene-D8	98%	97%	52-159%
460-00-4	4-Bromofluorobenzene	101%	100%	38-183%

9.2.5  
9

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V114550-BS	11122042.D	1	09/30/25	PO	n/a	n/a	V114550
V114550-BSD	11122046.D	1	09/30/25	PO	n/a	n/a	V114550

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	20.5	103	18.1	91	12	67-135/30
100-41-4	Ethylbenzene	20	20.9	105	19.4	97	7	69-136/30
108-88-3	Toluene	20	18.6	93	16.9	85	10	71-135/30
95-63-6	1,2,4-Trimethylbenzene	20	21.6	108	20.2	101	7	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	21.9	110	20.6	103	6	51-153/30
	m,p-Xylene	40	41.9	105	39.0	98	7	70-140/30
95-47-6	o-Xylene	20	20.3	102	18.8	94	8	70-132/30
1330-20-7	Xylene (total)	60	62.2	104	57.8	96	7	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	113%	112%	59-143%
2037-26-5	Toluene-D8	98%	98%	52-159%
460-00-4	4-Bromofluorobenzene	100%	100%	38-183%

\* = Outside of Control Limits.

9.2.6  
9

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75304-4MS	1Y014432.D	1	09/28/25	NN	n/a	n/a	V1Y649
DA75304-4MSD	1Y014433.D	1	09/28/25	NN	n/a	n/a	V1Y649
DA75304-4 <sup>a</sup>	1Y014436.D	1	09/28/25	NN	n/a	n/a	V1Y649

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-1, DA75340-2, DA75340-3

CAS No.	Compound	DA75304-4 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	< 0.57	24.9	18.6	75	24.9	18.1	73	3	15-162/33
100-41-4	Ethylbenzene	< 1.1	24.9	17.4	70	24.9	15.1	61	14* <sup>b</sup>	14-168/13
108-88-3	Toluene	< 5.7	24.9	17.8	72	24.9	16.8	68	6	11-173/43
95-63-6	1,2,4-Trimethylbenzene	< 5.7	24.9	4.7	19* <sup>b</sup>	24.9	3.2	13* <sup>b</sup>	38* <sup>b</sup>	90-183/15
108-67-8	1,3,5-Trimethylbenzene	11.9	24.9	10.8	-4* <sup>b</sup>	24.9	7.4	-18* <sup>b</sup>	37* <sup>b</sup>	10-179/14
	m,p-Xylene	< 2.3	49.8	26.1	52	49.8	19.1	38	31* <sup>b</sup>	14-175/12
95-47-6	o-Xylene	2.0	24.9	17.2	61	24.9	15.5	54	10	19-167/13
1330-20-7	Xylene (total)	2.3	74.7	43.4	55	74.7	34.6	43	23* <sup>b</sup>	14-172/12

CAS No.	Surrogate Recoveries	MS	MSD	DA75304-4	Limits
17060-07-0	1,2-Dichloroethane-D4	99%	97%	92%	59-143%
2037-26-5	Toluene-D8	98%	100%	103%	52-159%
460-00-4	4-Bromofluorobenzene	99%	101%	105%	38-183%

(a) Sample used for QC purposes only.

(b) Outside control limits due to matrix interference. Blank Spike meets acceptance criteria.

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75304-4MS	1Y014434.D	1	09/28/25	NN	n/a	n/a	V1Y649
DA75304-4MSD	1Y014435.D	1	09/28/25	NN	n/a	n/a	V1Y649
DA75304-4 <sup>a</sup>	1Y014436.D	1	09/28/25	NN	n/a	n/a	V1Y649

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-1, DA75340-2, DA75340-3

CAS No.	Compound	DA75304-4 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)	248	2040	876	31* b	2490	1030	31* b	16	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75304-4	Limits
17060-07-0	1,2-Dichloroethane-D4	98%	97%	92%	59-143%
2037-26-5	Toluene-D8	97%	97%	103%	52-159%
460-00-4	4-Bromofluorobenzene	102%	104%	105%	38-183%

(a) Sample used for QC purposes only.

(b) Outside control limits due to matrix interference. Blank Spike meets acceptance criteria.

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75343-4MS	1Y014458.D	1	09/28/25	NN	n/a	n/a	V1Y651
DA75343-4MSD	1Y014459.D	1	09/29/25	NN	n/a	n/a	V1Y651
DA75343-4	1Y014457.D	1	09/28/25	NN	n/a	n/a	V1Y651

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-4

CAS No.	Compound	DA75343-4 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	< 0.60	24.2	16.2	67	24.2	14.9	62	8	15-162/33
100-41-4	Ethylbenzene	< 1.2	24.2	12.2	51	24.2	11.3	47	8	14-168/13
108-88-3	Toluene	< 6.0	24.2	15.3	63	24.2	14.0	58	9	11-173/43
95-63-6	1,2,4-Trimethylbenzene	< 6.0	24.2	3.2	13* a	24.2	2.9	12* a	10	90-183/15
108-67-8	1,3,5-Trimethylbenzene	< 6.0	24.2	6.1	25	24.2	5.4	22	12	10-179/14
	m,p-Xylene	< 2.4	48.3	20.6	43	48.3	18.5	38	11	14-175/12
95-47-6	o-Xylene	< 1.2	24.2	11.0	46	24.2	9.8	41	12	19-167/13
1330-20-7	Xylene (total)	< 2.4	72.5	31.6	44	72.5	28.3	39	11	14-172/12

CAS No.	Surrogate Recoveries	MS	MSD	DA75343-4	Limits
17060-07-0	1,2-Dichloroethane-D4	88%	81%	97%	59-143%
2037-26-5	Toluene-D8	99%	101%	103%	52-159%
460-00-4	4-Bromofluorobenzene	100%	98%	105%	38-183%

(a) Outside control limits due to matrix interference. Blank Spike meets acceptance criteria.

\* = Outside of Control Limits.

9.3.3  
9

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75343-4MS	1Y014460.D	1	09/29/25	NN	n/a	n/a	V1Y651
DA75343-4MSD	1Y014461.D	1	09/29/25	NN	n/a	n/a	V1Y651
DA75343-4	1Y014457.D	1	09/28/25	NN	n/a	n/a	V1Y651

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-4

CAS No.	Compound	DA75343-4 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)	66.4	2420	1080	42* a	2420	1050	41* a	3	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75343-4	Limits
17060-07-0	1,2-Dichloroethane-D4	83%	78%	97%	59-143%
2037-26-5	Toluene-D8	97%	97%	103%	52-159%
460-00-4	4-Bromofluorobenzene	96%	100%	105%	38-183%

(a) Outside control limits due to matrix interference. Blank Spike meets acceptance criteria.

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75377-37MS	1I122058.D	1	09/30/25	PO	n/a	n/a	V1I4550
DA75377-37MSD	1I122059.D	1	09/30/25	PO	n/a	n/a	V1I4550
DA75377-37	1I122057.D	1	09/30/25	PO	n/a	n/a	V1I4550

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-5

CAS No.	Compound	DA75377-37 Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD	
71-43-2	Benzene	< 0.62	26.5	25.1	95	24.9	23.1	93	8	15-162/33
100-41-4	Ethylbenzene	< 1.2	26.5	24.7	93	24.9	23.4	94	5	14-168/13
108-88-3	Toluene	< 6.2	26.5	22.4	85	24.9	21.0	84	6	11-173/43
95-63-6	1,2,4-Trimethylbenzene	< 6.2	26.5	18.0	68*	24.9	17.3	70*	4	90-183/15
108-67-8	1,3,5-Trimethylbenzene	< 6.2	26.5	22.7	86	24.9	21.0	84	8	10-179/14
	m,p-Xylene	< 2.5	52.9	48.4	91	49.8	45.2	91	7	14-175/12
95-47-6	o-Xylene	< 1.2	26.5	23.5	89	24.9	21.9	88	7	19-167/13
1330-20-7	Xylene (total)	< 2.5	79.4	71.9	91	74.6	67.1	90	7	14-172/12

CAS No.	Surrogate Recoveries	MS	MSD	DA75377-37 Limits
17060-07-0	1,2-Dichloroethane-D4	102%	100%	121% 59-143%
2037-26-5	Toluene-D8	99%	98%	100% 52-159%
460-00-4	4-Bromofluorobenzene	97%	98%	97% 38-183%

\* = Outside of Control Limits.

9.3.5  
9

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA75340  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** CIVITCOW: TASMCOA: Latham 41-1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75377-37MS	1I122060.D	1	09/30/25	PO	n/a	n/a	V1I4550
DA75377-37MSD	1I122061.D	1	09/30/25	PO	n/a	n/a	V1I4550
DA75377-37	1I122057.D	1	09/30/25	PO	n/a	n/a	V1I4550

The QC reported here applies to the following samples:

Method: SW846 8260D

DA75340-5

CAS No.	Compound	DA75377-37 Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD	
	TPH-GRO (C6-C10)	< 250	2390	1670	70	2490	1490	60	11	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75377-37 Limits
17060-07-0	1,2-Dichloroethane-D4	103%	102%	121% 59-143%
2037-26-5	Toluene-D8	97%	98%	100% 52-159%
460-00-4	4-Bromofluorobenzene	96%	96%	97% 38-183%

9.3.6  
9

\* = Outside of Control Limits.

## Metals Analysis

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### QC Data Summaries

(SGS Scott, LA)

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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: DA75340  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CIVITCOW: TASMCOA: Latham 41-1

QC Batch ID: MP31676  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 09/23/25

Metal	RL	IDL	MDL	MB	
				raw	final
Calcium	100	3.8	32	-7.4	<100
Magnesium	100	22	40	7.2	<100
Sodium	500	20	120	-0.58	<500

Associated samples MP31676: DA75340-1A, DA75340-2A, DA75340-3A, DA75340-4A, DA75340-5A

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: DA75340  
 Account: ALMS - SGS Wheat Ridge, CO  
 Project: CIVITCOW: TASMCOA: Latham 41-1

QC Batch ID: MP31676  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/23/25

Metal	DA75340-1A Original	DUP	RPD	QC Limits
Calcium	30000	29800	0.7	0-20
Magnesium	5200	5290	1.7	0-20
Sodium	27700	27500	0.7	0-20

Associated samples MP31676: DA75340-1A, DA75340-2A, DA75340-3A, DA75340-4A, DA75340-5A

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

10.1.2  
 10

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75340  
 Account: ALMS - SGS Wheat Ridge, CO  
 Project: CIVITCOW: TASMCOA: Latham 41-1

QC Batch ID: MP31676  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 09/23/25

Metal	BSP Result	Spikelot LA29BSP % Rec	QC Limits
Calcium	4170	4000 104.3	80-120
Magnesium	2020	2000 101.0	80-120
Sodium	108000	100000 108.0	80-120

Associated samples MP31676: DA75340-1A, DA75340-2A, DA75340-3A, DA75340-4A, DA75340-5A

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

10.1.3  
 10

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





## SGS Sample Receipt Summary

Job Number: DA75340

Client: SGS WHEAT RIDGE CO

Project: TASMCOA: LATHAM 41-1

Date / Time Received: 9/18/2025 10:00:00 AM

Delivery Method: fedex

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

Cooler Temps (Raw Measured) °C: Cooler : (3.0); Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler : (3.1); Cooler 1: (3.1);

**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 checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 2. Trip Blank listed on COC:    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input 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 instructions 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) _____
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Comments

SM089-03  
Rev. Date 12/7/17

11.1  
11

## General Chemistry

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### QC Data Summaries

(SGS Dayton, NJ)

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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: DA75340  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CIVITCOW: TASMCOA: Latham 41-1

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP64591/GN74642	0.40	0.0	mg/kg	40	38.3	95.8	80-120%
Chromium, Hexavalent	GP64591/GN74642			mg/kg	1080	1040	96.3	80-120%

Associated Samples:

Batch GP64591: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

(\*) Outside of QC limits

12.1  
12

DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA75340  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CIVITCOW: TASMCOA: Latham 41-1

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP64591/GN74642	DA75339-1	mg/kg	0.30	0.35	15.4	0-20%

Associated Samples:

Batch GP64591: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

(\*) Outside of QC limits

12.2  
12

MATRIX SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA75340  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CIVITCOW: TASMCOA: Latham 41-1

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP64591/GN74642	DA75339-1	mg/kg	0.30	42.4	39.2	91.8 (a)	75-125%
Chromium, Hexavalent	GP64591/GN74642	DA75339-1	mg/kg	0.30	1120	1000	89.4 (b)	75-125%

Associated Samples:

Batch GP64591: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Good recovery on soluble XCR matrix spike. Good recovery (102%) on the post-spike.

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

12.3  
12

Misc. Forms

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Custody Documents and Other Forms

(SGS Scott, LA)

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Includes the following where applicable:

- Chain of Custody



PRECISION AIR CARGO

P.O. Box 5688  
Denver, Colorado  
80217-5688  
303.576.0020  
1.800.842.7472

How

PIECES	ORIGIN	WEIGHT
5	DEN	

526 DEN 2963 8556  
 PC# 5 OF 5  
 DG G  
 LOT WT 430 LB  
 (195.0 KG)  
 DEN WN 2465 17 SEP 17:10  
 STN FLT DATE EID LOT 01  
 PC ID: 0005  
 PC WT: 85 LB  
 526 29638556 0005  
 SOUTHWEST AIRLINE  
 Printed on 17 SEP 15 13

SOUTHWEST AIRLINES

Printed on:  
17 SEP 15:55

526 DEN 2963 8556

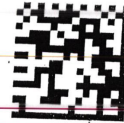


**HOU**

PC#	DG	LOT WT
3 OF 5	G	430 LB (195.0 KG)

DEN WN 2465 17 SEP 17:10

STN FLT DATE ETD LOT 01



PC ID: 0003  
PC WT: 86LB


526 29638556 0003

**NFC**

Printed on: 17 SEP 15:55

**SOUTHWEST AIRLINES**

526 DEN 2963 8556



PC#	DG	5	G	2 OF
LOT WT	430 LB	(195.0 KG)		


DEN WN 2465 17 SEP 17:10

STN	FLT	DATE	EID	LOT 01
-----	-----	------	-----	--------

PC ID: 0002  
PC WT: 86LB

526 29638556 0002

**MFG**



Printed on:  
17 SEP 15:55

**SOUTHWEST AIRLINES**

**526 DEN 2963 8556**

**HOU**

PC# 1 OF 5  
DG G  
LOT WT 430 LB (195.0 KG)

DEN WUN 2465 17 SEP 17:10

STW FLT DATE ETD LOT 01

526 29638556-0001

PG ID: 0004  
PG WT: 86LB

**MEG**

DA75340: Chain of Custody  
Page 6 of 9

User: MTHOMAS



House Waybill  
Shipper's Copy  
DEN 1131515  
Date: 09/17/2025  
Org: DEN Dest: IAH

Consignee:  
SGS NORTH AMERICA  
10175 HARWIN DRIVE  
STE 107  
HOUSTON, TX 77036, US  
Phone: 281-881-1457

Bill To Ref: 721179

Delivery By: Wednesday, September 17, 2025 10:00 PM  
Insured Value:

# PRECISION AIR CARGO INC

Est. 1989

Precision Air Cargo, Inc.  
14155 E. 42nd Ave., Suite 80  
Denver, CO 80239, US  
Phone: 303-576-0020  
Fax: 303-576-0214  
Email: general@precisionaircargo.com

Shipper:  
SGS NORTH AMERICA INC.  
4036 YOUNGFIELD ST  
WHEATRIDGE, CO 80033, US  
Phone: 303-425-6121  
Contact: ERIC  
Email: Terri.McNulty-Flatterson@sgs.com  
Ref#: 721179

Bill To:  
SGS NORTH AMERICA INC.  
4036 YOUNGFIELD ST  
WHEATRIDGE, CO 80033, US  
Contact: TERRI MCNULTY-PATTERSON

Payment Terms: Third Party  
Service Level: EX-Emergency Express  
Pickup By: Wednesday, September 17, 2025 12:00 PM

Special Instructions:

Items To Be Shipped:

Pieces Pkg Type H M

5 PC

Description Length Width Height Weight (lb)  
WATER SAMPLES 24.0 17.0 14.0 345.0

Total Pieces: 5

Total Actual Weight: 345.0

Total Dimensional Weight: 172.0

Total Charged Weight: 345.0

Fax: 303-576-0214  
Email: general@precisionaircargo.com

Precision Air Cargo, Inc. - Voice: 303-576-0020  
14155 E. 42nd Ave., Suite 80  
Denver, CO 80239, US

WEIGHTS SUBJECT TO DIMENSIONAL CORRECTION. DELIVERY AGENT. PRECISION HOUSE BILL MUST HAVE CONSIGNEE SIGNATURE IN ORDER TO RECEIVE PAYMENT. SIGNATURE CONSENTS TO PRECISION AIR CARGO TERMS AND CONDITIONS AVAILABLE AT WWW.PRECISIONAIRCARGO.COM OR BY REQUEST.

SHIPPER SIGNATURE	DATE	TIME	RECEIVED IN GOOD ORDER EXCEPT AS NOTED	DATE	TIME
<i>Eric</i>	9/17/25	14:42	RECEIVED IN GOOD ORDER EXCEPT AS NOTED		
<i>DA</i>	9/18/25	05:00am	RECEIVED IN GOOD ORDER EXCEPT AS NOTED		



526 DEN 29638556 526 - 29638556

Shipper's Name and Address  
 PRECISION LIFE CARGO  
 P.O. BOX 5683  
 DENVER, CO 80217  
 US +1 (303) 556-0120

Not Negotiable / Issued by  
 52629638556 swacargo.com (800) 533-1222

Southwest  
 Cargo

Shipper's Account Number  
 30495 -1

Consignee's Name and Address  
 SGS NORTH  
 1075 HARWIN  
 HOUSTON, TX 77036  
 US +1 (281) 881-1457

Consignee's Account Number  
 DTS

Received in Good Order & Condition at:  
 HOU - 5 pcs 09/17/2025 22:09 CDT by DUSTIN ANTHONY

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

Issuing Carrier's Agent Name and City  
 DENVER

Agent's IATA Code  
 Account No.

Service Level - N

Accounting Information

Declared Value for Carriage  
 NVD

Declared Value for Customs  
 NVD

Amount of Insurance  
 INSURANCE - If carrier offers insurance, and such insurance is required by law, the amount to be insured in figures in box marked "Amount of Insurance".

Flight Data  
 For Carrier Use Only  
 Flight Date  
 WN2465 / 17SEP

By First Carrier  
 HOU | SOUTHWEST AIRLINES

To By To By  
 DENVER

Rate Class  
 B

Commodity Item No.  
 0000

Chargeable Weight  
 430

Rate / Charge  
 As Agreed

Total  
 \*\*\*\*\*

Nature and Quantity of Goods  
 (Inc. Dimensions or Volume)  
 SOIL/WATER/AIR SAMPLES  
 DIMS IN INCHES:  
 5 = 24 X 17 X 14

Other Charges and Description  
 NYC 0.00 SCC 0.00

Prepaid Weight Charge Collect  
 Valuation Charge  
 Tax

Total Other Charges Due Agent/  
 Total Other Charges Due Carrier

\*\*\*\*\*

Total Prepaid Total Collect

Currency Conversion Rates  
 SCC Changes in Dist. Currency/  
 Executed on (date and time)

09/17/2025 15:54 MDT DEN E21655

Signature of Shipper or his Agent  
 LEE MITCHELL

For Carriers Use only at destination  
 Changes at Destination

Total Collect Charges

COPY 4 (DELIVERY RECEIPT)

Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations. I consent that this shipment shall be subject to search by the Carrier.

Received: 09/17/25 10:50am DTS  
 Receiving Agent: 09/17/25 05:00am

Handling Information

Prepaid Weight Charge Collect

Valuation Charge

Tax

Total Other Charges Due Agent/  
 Total Other Charges Due Carrier

\*\*\*\*\*

Total Prepaid Total Collect

Currency Conversion Rates  
 SCC Changes in Dist. Currency/  
 Executed on (date and time)

09/17/2025 15:54 MDT DEN E21655

Signature of Shipper or his Agent  
 LEE MITCHELL

For Carriers Use only at destination  
 Changes at Destination

Total Collect Charges

COPY 4 (DELIVERY RECEIPT)

13.1 13

## SGS Sample Receipt Summary

Job Number: da75340

Client: SGS CO

Project: TASMCOA LATHAM 41-1

Date / Time Received: 9/18/2025 7:10:00 AM

Delivery Method: THWEST AIRLINES CAI

Airbill #'s: 52629638556 0001-0005

**Cooler Temps (Raw Measured) °C:** Cooler 1: (1.2); Cooler 2: (1.4); Cooler 3: (1.4); Cooler 4: (1.5); Cooler 5: (1.2);

**Cooler Temps (Corrected) °C:** Cooler 1: (1.0); Cooler 2: (1.2); Cooler 3: (1.2); Cooler 4: (1.3); Cooler 5: (1.0);

**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 GUN</u>                       |                          |
| 3. Cooler media:             | <u>Ice (direct contact)</u>         |                          |
| 4. No. Coolers:              | <u>5</u>                            |                          |

**Quality Control Preservatio**

Y or N

N/A

- |                                 |                                     |                                     |                          |
|---------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC:    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                          |
| 4. VOCs headspace free:         | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input 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 instructions 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: \_\_\_\_\_                      pH 12+: \_\_\_\_\_                      Other: (Specify) \_\_\_\_\_

Comments

SM089-03  
Rev. Date 12/7/17

13.1  
13

General Chemistry

QC Data Summaries

(SGS Scott, LA)

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: DA75340  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CIVITCOW: TASMCOA: Latham 41-1

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GN34496			mmhos/cm	xxxxxxxx	1.4	98.8	90-110%
pH	GN34495			su	xxxxxxx	7.05	100.7	99.1-100.9%

Associated Samples:

Batch GN34495: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

Batch GN34496: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

(\*) Outside of QC limits

14.1  
14

DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA75340  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CIVITCOW: TASMCOA: Latham 41-1

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GN34496	DA75340-1	mmhos/cm	0.34	0.35	2.9	0-10%
pH	GN34495	DA75340-1	su	6.98	6.97	0.1	0-20%

Associated Samples:

Batch GN34495: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

Batch GN34496: DA75340-1, DA75340-2, DA75340-3, DA75340-4, DA75340-5

(\*) Outside of QC limits

14.2  
14