

ALS Environmental

Date: 08-May-24

Client:

Project: Spotlight Air Environmental

Work Order: 24041528

Work Order Sample Summary

| <u>Lab Samp ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Tag Number</u> | <u>Collection Date</u> | <u>Date Received</u> | <u>Hold</u> |
|--------------------|------------------------------------|---------------|-------------------|------------------------|----------------------|--------------------------|
| 24041528-01 | 01-Wallace and 4th, Champaign, IL; | Air | | 4/25/2024 05:31 | 4/30/2024 11:20 | <input type="checkbox"/> |

ALS Environmental

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Case Narrative

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Samples were prepared and analyzed by the analytical method and the laboratory's applicable standard operating procedure listed below:

- IH-7300 modified- "Elements by ICP."

ALS is an EPA recognized NLLAP laboratory for lead paint, soil, and dust wipe analyses under its AIHA-LAP accreditation.

All sampling information was provided by the client.

Sampling was conducted on April 25 at 5:31 a.m. to 1:31 p.m.

ALS Environmental

Date: 08-May-24

Client: Spotlight Air Environmental

Work Order: 24041528

Analytical Results

Lab ID: 24041528-01A
Client Sample ID: 01-Wallace and 4th, Champaign, IL;

Collection Date: 4/25/2024 5:31:00 AM
Matrix: AIR

Analyses

METALS BY NIOSH 7300 MOD.

Method: N7300

Air Volume (L): 969.6

Analyst: SLT

Date Analyzed: 5/2/2024 15:19

| | µg/sample | Reporting Limit µg/sample | mg/m3 |
|------------|-----------|------------------------------|-----------|
| Antimony | ND | 1.0 | <0.0010 |
| Arsenic | ND | 1.0 | <0.0010 |
| Barium | ND | 1.0 | <0.0010 |
| Beryllium | ND | 0.020 | <0.000021 |
| Cadmium | ND | 0.10 | <0.00010 |
| Chromium | ND | 1.0 | <0.0010 |
| Cobalt | ND | 1.0 | <0.0010 |
| Copper | ND | 1.0 | <0.0010 |
| Iron | ND | 10 | <0.010 |
| Lead | ND | 0.20 | <0.00021 |
| Manganese | ND | 1.0 | <0.0010 |
| Nickel | ND | 1.0 | <0.0010 |
| Phosphorus | ND | 1.0 | <0.0010 |
| Selenium | ND | 1.0 | <0.0010 |
| Strontium | ND | 10 | <0.010 |
| Tellurium | ND | 2.0 | <0.0021 |
| Tin | ND | 1.0 | <0.0010 |
| Zinc | ND | 10 | <0.010 |

Note:

Batch ID: **98584** Instrument ID **ICP4** Method: **N7300**

| MBLK | | Sample ID: MBLK-98584-98584 | | | | Units: µg/sample | | Analysis Date: 5/2/2024 03:13 PM | | | |
|------------|--------|------------------------------------|---------|---------------|------|-------------------------|---------------|---|-----------|--------------|--|
| Client ID: | | Run ID: ICP4_240502C | | | | SeqNo: 3378948 | | Prep Date: 5/2/2024 | | DF: 1 | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | |
| Antimony | ND | 1.0 | | | | | | | | | |
| Arsenic | ND | 1.0 | | | | | | | | | |
| Barium | ND | 1.0 | | | | | | | | | |
| Beryllium | ND | 0.020 | | | | | | | | | |
| Cadmium | ND | 0.10 | | | | | | | | | |
| Chromium | ND | 1.0 | | | | | | | | | |
| Cobalt | ND | 1.0 | | | | | | | | | |
| Copper | ND | 1.0 | | | | | | | | | |
| Iron | ND | 10 | | | | | | | | | |
| Lead | ND | 0.20 | | | | | | | | | |
| Manganese | ND | 1.0 | | | | | | | | | |
| Nickel | ND | 1.0 | | | | | | | | | |
| Phosphorus | ND | 1.0 | | | | | | | | | |
| Selenium | ND | 1.0 | | | | | | | | | |
| Strontium | ND | 10 | | | | | | | | | |
| Tellurium | ND | 2.0 | | | | | | | | | |
| Tin | ND | 1.0 | | | | | | | | | |
| Zinc | ND | 10 | | | | | | | | | |

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client:

Work Order: 24041528

Project: Spotlight Air Environmental

QC BATCH REPORT

Batch ID: **98584**

Instrument ID **ICP4**

Method: **N7300**

| LCS | | Sample ID: LCS-98584-98584 | | | | Units: µg/sample | | Analysis Date: 5/2/2024 03:16 PM | | |
|------------|--------|-----------------------------------|---------|---------------|------|-------------------------|---------------|---|-----------|--------------|
| Client ID: | | Run ID: ICP4_240502C | | | | SeqNo: 3378950 | | Prep Date: 5/2/2024 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Antimony | 17.61 | 1.0 | 20 | 0 | 88.1 | 77.6-113 | 0 | | | |
| Arsenic | 18.62 | 1.0 | 20 | 0 | 93.1 | 77.2-114 | 0 | | | |
| Barium | 19.61 | 1.0 | 20 | 0 | 98 | 80.9-114 | 0 | | | |
| Beryllium | 18.23 | 0.020 | 20 | 0 | 91.1 | 78.1-113 | 0 | | | |
| Cadmium | 19.17 | 0.10 | 20 | 0 | 95.9 | 76-128 | 0 | | | |
| Chromium | 19.2 | 1.0 | 20 | 0 | 96 | 79.7-128 | 0 | | | |
| Cobalt | 18.33 | 1.0 | 20 | 0 | 91.7 | 82.9-112 | 0 | | | |
| Copper | 18.98 | 1.0 | 20 | 0 | 94.9 | 81-141 | 0 | | | |
| Iron | 17.84 | 10 | 20 | 0 | 89.2 | 69.3-130 | 0 | | | |
| Lead | 18.34 | 0.20 | 20 | 0 | 91.7 | 72.4-124 | 0 | | | |
| Manganese | 19.17 | 1.0 | 20 | 0 | 95.8 | 83.3-122 | 0 | | | |
| Nickel | 19.45 | 1.0 | 20 | 0 | 97.2 | 74.1-124 | 0 | | | |
| Phosphorus | 18.49 | 1.0 | 20 | 0 | 92.4 | 80-120 | 0 | | | |
| Selenium | 19.33 | 1.0 | 20 | 0 | 96.7 | 85.7-124 | 0 | | | |
| Strontium | 18.65 | 10 | 20 | 0 | 93.2 | 80-120 | 0 | | | |
| Tellurium | 18.39 | 2.0 | 20 | 0 | 92 | 86.3-117 | 0 | | | |
| Tin | 18.25 | 1.0 | 20 | 0 | 91.2 | 65.9-115 | 0 | | | |
| Zinc | 19.86 | 10 | 20 | 0 | 99.3 | 77.5-121 | 0 | | | |

| LCSD | | Sample ID: LCSD-98584-98584 | | | | Units: µg/sample | | Analysis Date: 5/2/2024 03:18 PM | | |
|------------|--------|------------------------------------|---------|---------------|------|-------------------------|---------------|---|-----------|--------------|
| Client ID: | | Run ID: ICP4_240502C | | | | SeqNo: 3378951 | | Prep Date: 5/2/2024 | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Antimony | 17.17 | 1.0 | 20 | 0 | 85.9 | 77.6-113 | 17.61 | 2.54 | 20 | |
| Arsenic | 18.44 | 1.0 | 20 | 0 | 92.2 | 77.2-114 | 18.62 | 1 | 20 | |
| Barium | 19.41 | 1.0 | 20 | 0 | 97.1 | 80.9-114 | 19.61 | 0.994 | 20 | |
| Beryllium | 17.7 | 0.020 | 20 | 0 | 88.5 | 78.1-113 | 18.23 | 2.96 | 20 | |
| Cadmium | 18.82 | 0.10 | 20 | 0 | 94.1 | 76-128 | 19.17 | 1.85 | 20 | |
| Chromium | 18.68 | 1.0 | 20 | 0 | 93.4 | 79.7-128 | 19.2 | 2.71 | 20 | |
| Cobalt | 17.88 | 1.0 | 20 | 0 | 89.4 | 82.9-112 | 18.33 | 2.5 | 20 | |
| Copper | 18.49 | 1.0 | 20 | 0 | 92.5 | 81-141 | 18.98 | 2.59 | 20 | |
| Iron | 17.07 | 10 | 20 | 0 | 85.3 | 69.3-130 | 17.84 | 4.41 | 20 | |
| Lead | 18.38 | 0.20 | 20 | 0 | 91.9 | 72.4-124 | 18.34 | 0.251 | 20 | |
| Manganese | 18.69 | 1.0 | 20 | 0 | 93.5 | 83.3-122 | 19.17 | 2.51 | 20 | |
| Nickel | 18.85 | 1.0 | 20 | 0 | 94.3 | 74.1-124 | 19.45 | 3.09 | 20 | |
| Phosphorus | 18.51 | 1.0 | 20 | 0 | 92.5 | 80-120 | 18.49 | 0.0973 | 20 | |
| Selenium | 19.22 | 1.0 | 20 | 0 | 96.1 | 85.7-124 | 19.33 | 0.602 | 20 | |
| Strontium | 18.45 | 10 | 20 | 0 | 92.3 | 80-120 | 18.65 | 1.07 | 20 | |
| Tellurium | 18.93 | 2.0 | 20 | 0 | 94.7 | 86.3-117 | 18.39 | 2.9 | 20 | |
| Tin | 18.22 | 1.0 | 20 | 0 | 91.1 | 65.9-115 | 18.25 | 0.165 | 20 | |
| Zinc | 19.42 | 10 | 20 | 0 | 97.1 | 77.5-121 | 19.86 | 2.22 | 20 | |

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client:

QC BATCH REPORT

Work Order: 24041528

Project: Spotlight Air Environmental

Batch ID: **98584**

Instrument ID **ICP4**

Method: **N7300**

The following samples were analyzed in this batch: 24041528-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client:
Project: Spotlight Air Environmental
WorkOrder: 24041528

**QUALIFIERS,
ACRONYMS, UNITS**

| <u>Qualifier</u> | <u>Description</u> |
|------------------|---|
| * | Value exceeds Regulatory Limit |
| a | Not accredited |
| B | Analyte detected in the associated Method Blank above the Reporting Limit |
| E | Value above quantitation range |
| H | Analyzed outside of Holding Time |
| J | Analyte detected below quantitation limit |
| n | Not offered for accreditation |
| ND | Not Detected at the Reporting Limit |
| O | Sample amount is > 4 times amount spiked |
| P | Dual Column results percent difference > 40% |
| R | RPD above laboratory control limit |
| S | Spike Recovery outside laboratory control limits |
| U | Analyzed but not detected above the MDL |

| <u>Acronym</u> | <u>Description</u> |
|----------------|-------------------------------------|
| DUP | Method Duplicate |
| E | EPA Method |
| LCS | Laboratory Control Sample |
| LCSD | Laboratory Control Sample Duplicate |
| MBLK | Method Blank |
| MDL | Method Detection Limit |
| MQL | Method Quantitation Limit |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| PDS | Post Digestion Spike |
| PQL | Practical Quantitation Limit |
| SDL | Sample Detection Limit |
| SW | SW-846 Method |

| <u>Units Reported</u> | <u>Description</u> |
|-----------------------|--------------------|
| µg/sample | |

Sample Receipt Checklist

Client Name:

Date/Time Received: **30-Apr-24 11:20**

Work Order: **24041528**

Received by: **CA**

Checklist completed by **Chantel.Allen**
eSignature

01-May-24
Date

Reviewed by: **Danielle Strasinger**
eSignature

03-May-24
Date

Matrices: Air

Carrier name: UPS

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No
- Sample(s) received on ice? Yes No

Temperature(s)/Thermometer(s):

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage: 5/1/2024 13:10

Water - VOA vials have zero headspace? Yes No No VOA vials submitted

Water - pH acceptable upon receipt? Yes No N/A

pH adjusted? Yes No N/A

pH adjusted by: -

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction: