



CERTIFICATE OF ANALYSIS

Client: Carol Koziar
Company: RDSB - Cyril Varney Public School
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Work Order Number: 445726
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500046008
Sampled By: Carol Koziar

Date Order Received: 10/18/2021
Arrival Temperature: 5.6 °C

Analysis Started: 10/21/2021
Analysis Completed: 10/22/2021

WORK ORDER SUMMARY

ANALYSES WERE PERFORMED ON THE FOLLOWING SAMPLES. THE RESULTS RELATE ONLY TO THE ITEMS TESTED.

| Sample Description | Lab ID | Matrix | Type | Comments | Date Collected | Time Collected |
|------------------------------|---------|--------|----------|----------|----------------|----------------|
| Standing-BF 1-by boiler room | 1695657 | Water | Plumbing | | 10/17/2021 | 6:30 AM |
| Flushed-BF 1-by boiler room | 1695658 | Water | Plumbing | | 10/17/2021 | 7:05 AM |
| Standing-S-1 Room 3 JK/SK | 1695659 | Water | Plumbing | | 10/17/2021 | 6:35 AM |
| Flushed-S-1 Room 3 JK/SK | 1695660 | Water | Plumbing | | 10/17/2021 | 7:10 AM |
| Standing-S-2 Staff Room | 1695661 | Water | Plumbing | | 10/17/2021 | 6:40 AM |
| Flushed-S-2 Staff Room | 1695662 | Water | Plumbing | | 10/17/2021 | 7:15 AM |
| Standing-S-3 Room 24 JK/SK | 1695663 | Water | Plumbing | | 10/17/2021 | 6:45 AM |
| Flushed-S-3 Room 24 JK/SK | 1695664 | Water | Plumbing | | 10/17/2021 | 7:20 AM |

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

| Method | Lab | Description | Reference |
|------------------------|--------|--|---------------------------|
| ICPMS Reg. Water (A13) | Garson | Determination of Metals in Water by ICP/MS | Modified from SW846-6020A |



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This report has been approved by:

Mahesh Patel, B.Sc.
Laboratory Director



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WORK ORDER RESULTS

| Sample Description | Standing - BF 1 - by boiler room | | Flushed - BF 1 - by boiler room | | Standing - S - 1 Room 3 JK/SK | | Flushed - S - 1 Room 3 JK/SK | | | |
|--------------------|----------------------------------|-----|---------------------------------|-----|--------------------------------|-----|-------------------------------|-----|-------|-------------------------|
| Sample Date | 10/17/2021 6:30 AM | | 10/17/2021 7:05 AM | | 10/17/2021 6:35 AM | | 10/17/2021 7:10 AM | | | |
| Lab ID | 1695657 | | 1695658 | | 1695659 | | 1695660 | | | |
| Metals | Result | MDL | Result | MDL | Result | MDL | Result | MDL | Units | Criteria: O.Reg. 243/07 |
| Lead | <0.1 | 0.1 | <0.1 | 0.1 | 0.6 | 0.1 | 0.2 | 0.1 | ug/L | 10 |
| Sample Description | Standing - S - 2 Staff Room | | Flushed - S - 2 Staff Room | | Standing - S - 3 Room 24 JK/SK | | Flushed - S - 3 Room 24 JK/SK | | | |
| Sample Date | 10/17/2021 6:40 AM | | 10/17/2021 7:15 AM | | 10/17/2021 6:45 AM | | 10/17/2021 7:20 AM | | | |
| Lab ID | 1695661 | | 1695662 | | 1695663 | | 1695664 | | | |
| Metals | Result | MDL | Result | MDL | Result | MDL | Result | MDL | Units | Criteria: O.Reg. 243/07 |
| Lead | 0.3 | 0.1 | 0.1 | 0.1 | 0.7 | 0.1 | 0.3 | 0.1 | ug/L | 10 |

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

Quality Control: All associated Quality Control data is available on request.

LCL: Lower Control Limit.

UCL: Upper Control Limit.

QAQCID: This is a unique reference to the quality control data set used to generate the reported value. Contact our lab for this information, as it is traceable through our LIMS.

Field Data: Reports containing Field Parameters represent data that has been collected and provided by the client. Testmark is not responsible for the validity of this data which may be used in subsequent calculations.

Sample Condition Deviations: A noted sample condition deviation may affect the validity of the result. Results apply to the sample(s) as received.

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QUALITY CONTROL DATA

THIS SECTION REPORTS QC RESULTS ASSOCIATED WITH THE TEST BATCH; THESE ARE NOT YOUR SAMPLE RESULTS.
QAQC details include only values where sufficient sample data allowed measurement.

Metals

Method Blank: LRB-6 (Blank) (6)

| Parameter | MDL | Units | LCL | Result | UCL | QAQCID |
|-----------|-----|-------|-----|--------|-----|-----------------|
| Lead | 0.1 | ug/L | 0 | <0.1 | 1 | 20211021.A13.1D |
| Lead | 0.1 | ug/L | 0 | <0.1 | 1 | 20211022.A13.1C |

Positive Control: LFB-7 (N 100 µg/L) (7)

| Parameter | MDL | Units | LCL | Result | UCL | QAQCID |
|-----------|-----|-------|-----|--------|-----|-----------------|
| Lead | N/A | % | 80 | 96.3 | 120 | 20211022.A13.1C |
| Lead | N/A | % | 80 | 98.6 | 120 | 20211021.A13.1D |

Reference Sample: CRM-12 (EP-L-3) (12)

| Parameter | MDL | Units | LCL | Result | UCL | QAQCID |
|-----------|-----|-------|------|--------|------|-----------------|
| Lead | 1 | ug/L | 2.58 | 3.89 | 5.38 | 20211022.A13.1C |
| Lead | 1 | ug/L | 2.58 | 3.97 | 5.38 | 20211021.A13.1D |

Sample Spike: LFMS-9 (N 100 µg/L) (9)

| Parameter | MDL | Units | LCL | Result | UCL | QAQCID |
|-----------|-----|-------|-----|--------|-----|-----------------|
| Lead | N/A | % Rec | 70 | 95.5 | 130 | 20211021.A13.1D |
| Lead | N/A | % Rec | 70 | 95.5 | 130 | 20211022.A13.1C |



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THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

| Sample Description | Lab ID | Method | QAQCID | Prep QAQCID |
|----------------------------------|---------|------------------------|-----------------|---------------|
| Flushed - BF 1 - by boiler room | 1695658 | ICPMS Reg. Water (A13) | 20211021.A13.1D | 20211020.A52S |
| Flushed - S - 1 Room 3 JK/SK | 1695660 | ICPMS Reg. Water (A13) | 20211021.A13.1D | 20211020.A52S |
| Flushed - S - 2 Staff Room | 1695662 | ICPMS Reg. Water (A13) | 20211022.A13.1C | 20211020.A52W |
| Flushed - S - 3 Room 24 JK/SK | 1695664 | ICPMS Reg. Water (A13) | 20211022.A13.1C | 20211020.A52W |
| Standing - BF 1 - by boiler room | 1695657 | ICPMS Reg. Water (A13) | 20211021.A13.1D | 20211020.A52S |
| Standing - S - 1 Room 3 JK/SK | 1695659 | ICPMS Reg. Water (A13) | 20211021.A13.1D | 20211020.A52S |
| Standing - S - 2 Staff Room | 1695661 | ICPMS Reg. Water (A13) | 20211022.A13.1C | 20211020.A52W |
| Standing - S - 3 Room 24 JK/SK | 1695663 | ICPMS Reg. Water (A13) | 20211022.A13.1C | 20211020.A52W |