



CERTIFICATE OF ANALYSIS

Client: Alain Venne
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Work Order Number: 411216
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040366
Sampled By: Rob Lisi

Date Order Received: 9/15/2020
Arrival Temperature: 10 °C

Analysis Started: 9/22/2020
Analysis Completed: 9/22/2020

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- BF4 by room 117 | 1575587 | Water | Plumbing | | 9/14/2020 | 6:30 AM |
| Flushed- BF4 by room 117 | 1575588 | Water | Plumbing | | 9/14/2020 | 7:05 AM |
| Standing- S1 Room 105 | 1575589 | Water | Plumbing | | 9/14/2020 | 6:35 AM |
| Flushed- S1 Room 105 | 1575590 | Water | Plumbing | | 9/14/2020 | 7:10 AM |
| Standing- S8 Staff room 001 | 1575591 | Water | Plumbing | | 9/15/2020 | 6:30 AM |
| Flushed- S8 Staff room 001 | 1575592 | Water | Plumbing | | 9/15/2020 | 7:05 AM |
| Standing- S2 Room 107 | 1575593 | Water | Plumbing | | 9/15/2020 | 6:35 AM |
| Flushed- S2 Room 107 | 1575594 | Water | Plumbing | | 9/15/2020 | 7:10 AM |
| Standing- BF2 by Room 106 | 1575595 | Water | Plumbing | | 9/15/2020 | 6:35 AM |
| Flushed- BF2 by Room 106 | 1575596 | Water | Plumbing | | 9/15/2020 | 7:10 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:

Brad Halvorson, B.Sc.
Laboratory Director



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WORK ORDER RESULTS

| Sample Description | Standing - BF4 by room 117 | | Flushed - BF4 by room 117 | | Standing - S1 Room 105 | | Flushed - S1 Room 105 | | | |
|--------------------|------------------------------|-----|-----------------------------|-----|------------------------|-------------------------|-----------------------|-----|-------|-------------------------|
| Sample Date | 9/14/2020 6:30 AM | | 9/14/2020 7:05 AM | | 9/14/2020 6:35 AM | | 9/14/2020 7:10 AM | | | |
| Lab ID | 1575587 | | 1575588 | | 1575589 | | 1575590 | | | |
| Metals | Result | MDL | Result | MDL | Result | MDL | Result | MDL | Units | Criteria: O.Reg. 243/07 |
| Lead | <0.1 | 0.1 | <0.1 | 0.1 | 0.9 | 0.1 | 1.0 | 0.1 | ug/L | 10 |
| Sample Description | Standing - S8 Staff room 001 | | Flushed - S8 Staff room 001 | | Standing - S2 Room 107 | | Flushed - S2 Room 107 | | | |
| Sample Date | 9/15/2020 6:30 AM | | 9/15/2020 7:05 AM | | 9/15/2020 6:35 AM | | 9/15/2020 7:10 AM | | | |
| Lab ID | 1575591 | | 1575592 | | 1575593 | | 1575594 | | | |
| Metals | Result | MDL | Result | MDL | Result | MDL | Result | MDL | Units | Criteria: O.Reg. 243/07 |
| Lead | 2.3 | 0.1 | 0.9 | 0.1 | 3.9 | 0.1 | 0.6 | 0.1 | ug/L | 10 |
| Sample Description | Standing - BF2 by Room 106 | | Flushed - BF2 by Room 106 | | | | | | | |
| Sample Date | 9/15/2020 6:35 AM | | 9/15/2020 7:10 AM | | | | | | | |
| Lab ID | 1575595 | | 1575596 | | | | | | | |
| Metals | Result | MDL | Result | MDL | Units | Criteria: O.Reg. 243/07 | | | | |
| Lead | <0.1 | 0.1 | <0.1 | 0.1 | ug/L | 10 | | | | |



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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 | 20200922.A13.1B |

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

| Parameter | MDL | Units | LCL | Result | UCL | QAQCID |
|-----------|-----|-------|-----|--------|-----|-----------------|
| Lead | N/A | % | 80 | 90.9 | 120 | 20200922.A13.1B |

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

| Parameter | MDL | Units | LCL | Result | UCL | QAQCID |
|-----------|-----|-------|------|--------|------|-----------------|
| Lead | 1 | ug/L | 2.64 | 3.96 | 5.44 | 20200922.A13.1B |

Sample Spike: LFMS-9 (N 100 µg/L) (9)

| Parameter | MDL | Units | LCL | Result | UCL | QAQCID |
|-----------|-----|-------|-----|--------|-----|-----------------|
| Lead | N/A | % Rec | 70 | 96.3 | 130 | 20200922.A13.1B |

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 - BF2 by Room 106 | 1575596 | ICPMS Reg. Water (A13) | 20200922.A13.1B | 20200917.A52Q |
| Flushed - BF4 by room 117 | 1575588 | ICPMS Reg. Water (A13) | 20200922.A13.1B | 20200917.A52Q |
| Flushed - S1 Room 105 | 1575590 | ICPMS Reg. Water (A13) | 20200922.A13.1B | 20200917.A52Q |
| Flushed - S2 Room 107 | 1575594 | ICPMS Reg. Water (A13) | 20200922.A13.1B | 20200917.A52Q |
| Flushed - S8 Staff room 001 | 1575592 | ICPMS Reg. Water (A13) | 20200922.A13.1B | 20200917.A52Q |
| Standing - BF2 by Room 106 | 1575595 | ICPMS Reg. Water (A13) | 20200922.A13.1B | 20200917.A52Q |
| Standing - BF4 by room 117 | 1575587 | ICPMS Reg. Water (A13) | 20200922.A13.1B | 20200917.A52Q |
| Standing - S1 Room 105 | 1575589 | ICPMS Reg. Water (A13) | 20200922.A13.1B | 20200917.A52Q |
| Standing - S2 Room 107 | 1575593 | ICPMS Reg. Water (A13) | 20200922.A13.1B | 20200917.A52Q |
| Standing - S8 Staff room 001 | 1575591 | ICPMS Reg. Water (A13) | 20200922.A13.1B | 20200917.A52Q |