



CERTIFICATE OF ANALYSIS

Client: Mark Bocy
Company: RDSB - Lo-Ellen Park Secondary School
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Work Order Number: 276624
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040379
Sampled By:

Date Order Received: 6/20/2016
Arrival Temperature: 12 °C

Analysis Started: 6/24/2016
Analysis Completed: 6/27/2016

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 |
|--------------------|--------|---------------|----------|----------|----------------|----------------|
| LO-E 1 (Standing) | 790035 | Treated Water | Plumbing | | 6/20/2016 | 6:40 AM |
| LO-E 1 (Flushed) | 790036 | Treated Water | Plumbing | | 6/20/2016 | 7:15 AM |
| LO-E 2 (Standing) | 790037 | Treated Water | Plumbing | | 6/20/2016 | 6:50 AM |
| LO-E 2 (Flushed) | 790038 | Treated Water | Plumbing | | 6/20/2016 | 7:25 AM |

METHODS AND INSTRUMENTATION

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

| Method | Lab | Description | Reference |
|-------------|--------|--|----------------------|
| ICPMS Water | Garson | Determination of Metals in Water by ICP/MS | Based on SW846-6020A |

REPORT COMMENTS

ESTIMATED STANDING TIME: < 18 HRS



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This report has been approved by:

Khaled Omari, Ph.D.
Laboratory Director



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WORK ORDER RESULTS

| Sample Description | LO - E 1 (Standing) | | LO - E 1 (Flushed) | | LO - E 2 (Standing) | | LO - E 2 (Flushed) | | | |
|--------------------|---------------------|-----|--------------------|-----|---------------------|-----|--------------------|-----|-------|----------------------------|
| Lab ID | 790035 | | 790036 | | 790037 | | 790038 | | | |
| Metals | Result | MDL | Result | MDL | Result | MDL | Result | MDL | Units | Criteria: O.Reg. 243/07 |
| Lead | 1.23 | 0.1 | 2.17 | 0.1 | 1.28 | 0.1 | 2.55 | 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.



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QUALITY CONTROL DATA

THIS SECTION REPORTS QC RESULTS ASSOCIATED WITH THE TEST BATCH; THESE ARE NOT YOUR SAMPLE RESULTS

| Metals | | | | | | | |
|-------------------------|-----|-------|-----|--------|-----|-----------------|--|
| %RPD | | | | | | | |
| Parameter | MDL | Units | LCL | Result | UCL | QAQCID | |
| Lead | N/A | % | 0 | 0.3 | 20 | 20160624.R13-5o | |
| Method Blank | | | | | | | |
| Parameter | MDL | Units | LCL | Result | UCL | QAQCID | |
| Lead | 1 | ug/L | 0 | <1 | 1 | 20160624.R13-5o | |
| Positive Control | | | | | | | |
| Parameter | MDL | Units | LCL | Result | UCL | QAQCID | |
| Lead | N/A | % | 80 | 97.4 | 120 | 20160624.R13-5o | |
| Reference Sample | | | | | | | |
| Parameter | MDL | Units | LCL | Result | UCL | QAQCID | |
| Lead | N/A | % Rec | 80 | 99.4 | 120 | 20160624.R13-5o | |
| Sample Spike | | | | | | | |
| Parameter | MDL | Units | LCL | Result | UCL | QAQCID | |
| Lead | N/A | % Rec | 70 | 90.7 | 130 | 20160624.R13-5o | |

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

| Sample Description | Lab ID | Method | QAQCID | Prep QAQCID |
|---------------------|--------|-------------|-----------------|---------------|
| LO - E 1 (Flushed) | 790036 | ICPMS Water | 20160624.R13-5o | 20160624.R52K |
| LO - E 1 (Standing) | 790035 | ICPMS Water | 20160624.R13-5o | 20160624.R52K |
| LO - E 2 (Flushed) | 790038 | ICPMS Water | 20160624.R13-5o | 20160624.R52K |
| LO - E 2 (Standing) | 790037 | ICPMS Water | 20160624.R13-5o | 20160624.R52K |



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Confirmation of Sample Receipt

Your samples have been received at Testmark's Sample Reception and have now been issued a unique Work Order number as well as unique Sample I.D. numbers.

Here are some details of your submission:

Client Name: RDSB - Lo-Ellen Park Secondary School
Contact: Mark Bocy
Project Number:
Work Order #: 276624
Date Received: 6/20/2016
Method of Shipment: Hand
Waybill Reference #: N/A
Estimated Date of Completion*: 6/28/2016
Water Works #: 500040379

Sample Details

| Sample Number | Sample Date | Sample Description | Analysis | Regulation (if applicable) |
|---------------|-------------|--------------------|------------------|----------------------------|
| 790035 | 6/20/2016 | LO-E 1 (Standing) | ICPMS Water | O.Reg. 243/07 |
| 790035 | 6/20/2016 | LO-E 1 (Standing) | MetalsWater/Prep | O.Reg. 243/07 |
| 790036 | 6/20/2016 | LO-E 1 (Flushed) | ICPMS Water | O.Reg. 243/07 |
| 790036 | 6/20/2016 | LO-E 1 (Flushed) | MetalsWater/Prep | O.Reg. 243/07 |
| 790037 | 6/20/2016 | LO-E 2 (Standing) | ICPMS Water | O.Reg. 243/07 |
| 790037 | 6/20/2016 | LO-E 2 (Standing) | MetalsWater/Prep | O.Reg. 243/07 |
| 790038 | 6/20/2016 | LO-E 2 (Flushed) | ICPMS Water | O.Reg. 243/07 |
| 790038 | 6/20/2016 | LO-E 2 (Flushed) | MetalsWater/Prep | O.Reg. 243/07 |

Entry of your submission is based on information contained on your Chain of Custody. If you have any questions regarding this submission, kindly contact Testmark's Customer Service department by email using customer.service@testmark.ca

* Please note this is an estimated date. Over 95% of our reports are completed within 5 business days. Please note however that non-routine and subcontracted analyses may significantly exceed normal turnaround times.

In these cases, a partial report may be issued.