

**Analytical Report**


Bill To: School District #36  
 Report To: School District #36  
 District Education Centre  
 14033 92nd Avenue  
 Surrey, BC, Canada  
 V3V 0B7  
 Attn: Mary Campbell  
 Sampled By:  
 Company:

Project:  
 ID: Georges Vanier Elementary  
 Name: 082  
 Location:  
 LSD:  
 P.O.:  
 Acct code:

Lot ID: **1154190**  
 Control Number:  
 Date Received: Aug 10, 2016  
 Date Reported: Aug 12, 2016  
 Report Number: 2124080

Analyte Description	Lead Element	Unit of Measure	Nominal Detection Limit
		mg/L	0.0001

Sample Id	Description	Results	Guideline Limit	Guideline Comments
5478768	082 / Lunch Room Sink / static / 22.6°C	0.168	0.01	Above MAC
5478769	082 / Lunch Room Sink / flushed / 22.6°C	0.0082	0.01	Below MAC
5478770	082 / W.F. by BW/GW & Lunch Room / static / 22.6°C	0.0527	0.01	Above MAC
5478771	082 / W.F. by BW/GW & Lunch Room / flushed / 22.6°C	0.0012	0.01	Below MAC
5478772	082 / Kitchen Sink in K. Rooms 103 / 101 / static / 22.6°C	0.0166	0.01	Above MAC
5478773	082 / Kitchen Sink in K. Rooms 103 / 101 / flushed / 22.6°C	0.0004	0.01	Below MAC
5478774	082 / Bubbler in K. Room 101 / static / 22.6°C	0.0020	0.01	Below MAC
5478775	082 / Bubbler in K. Room 101 / flushed / 22.6°C	0.0003	0.01	Below MAC
5478776	082 / Staff Room Sink / static / 22.6°C	0.0010	0.01	Below MAC
5478777	082 / Staff Room Sink / flushed / 22.6°C	<0.0001	0.01	Below MAC
5478778	082 / Multipurpose Room Sink / static / 22.6°C	0.0009	0.01	Below MAC
5478779	082 / Multipurpose Room Sink / flushed / 22.6°C	0.0001	0.01	Below MAC
5478780	082 / Library Room Sink / static / 22.6°C	0.0008	0.01	Below MAC
5478781	082 / Library Room Sink / flushed / 22.6°C	<0.0001	0.01	Below MAC
5478782	082 / W.F. by GW & Room 302 / static / 22.6°C	0.0584	0.01	Above MAC
5478783	082 / W.F. by GW & Room 302 / flushed / 22.6°C	0.0043	0.01	Below MAC
5478784	082 / Bubbler in Room 310 / static / 22.6°C	0.0012	0.01	Below MAC
5478785	082 / Bubbler in Room 310 / flushed / 22.6°C	0.0001	0.01	Below MAC
5478786	082 / W.F. by GW & Room 206 / static / 22.6°C	0.0293	0.01	Above MAC
5478787	082 / W.F. by GW & Room 206 / flushed / 22.6°C	0.0009	0.01	Below MAC
5478788	082 / W.F. by Room 403 / static / 22.6°C	0.174	0.01	Above MAC
5478789	082 / W.F. by Room 403 / flushed / 22.6°C	0.0065	0.01	Below MAC

Approved by:   
 Matthew Norman, BSc, PChem  
 Operations Chemist

## Methodology and Notes

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## Method of Analysis

Method Name	Reference	Method	Date Analysis Started	Location
Trace Metals (extractable) in Water (Surrey)	US EPA	* Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8 <i>* Reference Method Modified</i>	10-Aug-16	Exova Surrey

## References

US EPA US Environmental Protection Agency Test Methods

## Guidelines

Guideline Description Health Canada GCDWQ  
Guideline Source Guidelines for Canadian Drinking Water Quality, Health Canada, October 2014  
Guideline Comments MAC = Maximum Acceptable Concentration  
AO = Aesthetic Objective  
OG = Operational Guideline for Water Treatment Plants  
Refer to Health Canada GCDWQ for complete guidelines and additional drinking water information at [www.hc-sc.gc.ca](http://www.hc-sc.gc.ca)

## Comments:

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services group.  
Results relate only to samples as submitted.

The test report shall not be reproduced except in full, without the written approval of the laboratory.