



CERTIFICATE OF ANALYSIS

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Work Order Number: 411387
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500111593
Sampled By: Illegable

Date Order Received: 9/16/2020
Arrival Temperature: 18 °C

Analysis Started: 9/21/2020
Analysis Completed: 9/21/2020

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 - 303 F-006 -B	1576280	Water	Plumbing		9/16/2020	6:00 AM
Flushed - 303 F-006 -B	1576281	Water	Plumbing		9/16/2020	6:35 AM
Standing - 303 F007-A by weight	1576282	Water	Plumbing		9/16/2020	6:05 AM
Flushed - 303 F007-A by weight	1576283	Water	Plumbing		9/16/2020	6:40 AM
Standing - 303 F-012B By 1000	1576284	Water	Plumbing		9/16/2020	6:10 AM
Flushed - 303 F-012B By 1000	1576285	Water	Plumbing		9/16/2020	6:45 AM
Standing - 303 F-013C By 1003	1576286	Water	Plumbing		9/16/2020	6:15 AM
Flushed - 303 F-013C By 1003	1576287	Water	Plumbing		9/16/2020	6:50 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 - 303 F - 006 - B		Flushed - 303 F - 006 - B		Standing - 303 F007 - A by weight		Flushed - 303 F007 - A by weight			
Sample Date	9/16/2020 6:00 AM		9/16/2020 6:35 AM		9/16/2020 6:05 AM		9/16/2020 6:40 AM			
Lab ID	1576280		1576281		1576282		1576283			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	3.5	0.1	2.1	0.1	1.9	0.1	1.9	0.1	ug/L	10
Sample Description	Standing - 303 F - 012B By 1000		Flushed - 303 F - 012B By 1000		Standing - 303 F - 013C By 1003		Flushed - 303 F - 013C By 1003			
Sample Date	9/16/2020 6:10 AM		9/16/2020 6:45 AM		9/16/2020 6:15 AM		9/16/2020 6:50 AM			
Lab ID	1576284		1576285		1576286		1576287			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1 [<0.1]	0.1	<0.1	0.1	<0.1	0.1	<0.1	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.

[]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

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	20200921.A13.1E
Lead	0.1	ug/L	0	<0.1	1	20200921.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	92.8	120	20200921.A13.1E
Lead	N/A	%	80	93	120	20200921.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.03	5.44	20200921.A13.1F
Lead	1	ug/L	2.64	4.13	5.44	20200921.A13.1E

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	98.3	130	20200921.A13.1F
Lead	N/A	% Rec	70	99.3	130	20200921.A13.1E



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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 - 303 F - 006 - B	1576281	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB
Flushed - 303 F - 012B By 1000	1576285	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Flushed - 303 F - 013C By 1003	1576287	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Flushed - 303 F007 - A by weight	1576283	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB
Standing - 303 F - 006 - B	1576280	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB
Standing - 303 F - 012B By 1000	1576284	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Standing - 303 F - 012B By 1000	1576284r	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Standing - 303 F - 013C By 1003	1576286	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Standing - 303 F007 - A by weight	1576282	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB