

Client: Mark Bocy Work Order Number: 346716 RDSB - Princess Anne Public School PO #: Company: Address: 69 Young St O.Reg. 243/07 Regulation: Sudbury, ON, P3E 3G5 Project #: (705) 674-3171 / (705) 761-2442 Phone/Fax: DWS #: 500053418 bocym@rainbowschools.ca Sampled By: Email: Mark Bocy Date Order Received: 6/13/2018 Analysis Started: 6/19/2018 23 °C Arrival Temperature: Analysis Completed: 6/20/2018

WORK ORDER SUMMARY

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

Sample Description	Lab ID	Matrix	Туре	Comments	Date Collected	Time Collected
T 184 (Standing)	1351017	Water	Plumbing		6/13/2018	6:30 AM
T 184 (Flushed)	1351018	Water	Plumbing		6/13/2018	7:05 AM
F 104 S	1351019	Water	Plumbing		6/13/2018	6:40 AM
F 104 F	1351020	Water	Plumbing		6/13/2018	7:15 AM
T 144 S	1351021	Water	Plumbing		6/13/2018	6:50 AM
T 144 F	1351022	Water	Plumbing		6/13/2018	7:25 AM
T 143 S	1351023	Water	Plumbing		6/13/2018	7:00 AM
T 143 F	1351024	Water	Plumbing		6/13/2018	7:35 AM

METHODS AND INSTRUMENTATION

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

Method	Lab	Description	Reference
ICPMS Reg. Water (R13.1)	Garson	Determination of Metals in Water by ICP/MS	Modified from SW846-6020A



RDSB - Princess Anne Public School

This report has been approved by:

Khaled Omari, Ph.D. Laboratory Director Work Order Number: 346716



RDSB - Princess Anne Public School Work Order Number: 346716

WORK ORDER RESULTS

Sample Description Lab ID		Standing) 1017	T 184 (Flushed) 1351018		F 10	04 S 1019	F 1 0	04 F 1020		
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	ug/L	10
Sample Description Lab ID		14 S 1021		T 144 F 1351022		T 143 S 1351023		13 F 1024		
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.11	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.

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.



RDSB - Princess Anne Public School Work Order Number: 346716

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- μg/L) (6) Parameter MDL Units LCL Result UCL QAQCID 0 20180620.R13.1D Lead ug/L <1 Reference Sample: CRM-12 (EP-L-3) (12) Parameter MDL Units LCL Result UCL QAQCID Lead N/A ug/L 3.65 3.69 4.35 20180620.R13.1D %RPD: % RPD (4) MDL LCL UCL Parameter Units Result **QAQCID** 0 0 Lead N/A 20 20180620.R13.1D Positive Control: LFB-7 (N 100 µg/L) (7) Parameter MDL Units LCL Result UCL QAQCID N/A 80 86.4 120 20180620.R13.1D Lead Sample Spike: LFMS-10 (N 100 μg/L) (10) Parameter MDL Units LCL UCL QAQCID Result N/A % Rec 70 87 130 20180620.R13.1D Lead

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
F 104 F	1351020	ICPMS Reg. Water (R13.1)	20180620.R13.1D	20180619.A52M
F 104 S	1351019	ICPMS Reg. Water (R13.1)	20180620.R13.1D	20180619.A52M
T 143 F	1351024	ICPMS Reg. Water (R13.1)	20180620.R13.1D	20180619.A52M
T 143 S	1351023	ICPMS Reg. Water (R13.1)	20180620.R13.1D	20180619.A52M
T 144 F	1351022	ICPMS Reg. Water (R13.1)	20180620.R13.1D	20180619.A52M
T 144 S	1351021	ICPMS Reg. Water (R13.1)	20180620.R13.1D	20180619.A52M
T 184 (Flushed)	1351018	ICPMS Reg. Water (R13.1)	20180620.R13.1D	20180619.A52M
T 184 (Standing)	1351017	ICPMS Reg. Water (R13.1)	20180620.R13.1D	20180619.A52M



DRINKING WATER CHAIN OF CUSTODY FORM

			0
Page	1	of	1

					Piease	use our Ge	eneral Chain C)	usto	Juy	FOI	111 10	OF III	JII-u	IIIINI	119 00	atti	Sairi) I C 3	CIDIII							(A)
REPORT	TO:							INVOICE TO: (if different from Report) Client: PROJECT INFORMATION: TM Quote #:								V:											
Client:				RD	SB - Princess Ann	e P.S.	li li	Clier	ıt:															-			
Address:				5	500 Douglas Street V	Vest		Addr	ess:											-		Client	P.O. #:	:	1		d.
		Sudbury, ON P3C 2X8																				Client	Project	t#:_			
Contact:					Mark Bocy		-	Cont	act:										All			_					
Email:		bocy	m@raii	nbow	schools.ca; lavallm	@rainbowschool	s.ca	Ema	il:																		
Phone:	705	674-	3171		Fax:			Phor	ne:						Fax:												
REPORTI	NG/INVOIC	ING	FORM	AT	TURN AR	OUND TIME (TAT)*						A	NALYS	sis R	EQUES	STED						LABO	RA	rory u	SE C	NLY
☐ Fax	✓ Email	Г	Mail		1 Business Da	ay 2 Busi	ness Days													ne			١	Wor	k Ordei	NUM	BER:
t	DATA REP	ORTE	ED .		3 Business Da	ays 🗸 Standa	ard	No?)												lori		ED					
✓Yes		,	No			1	- 1	0								27				S		EIV	0		1 -	-00	
	AMPLE DIS	POSA	L		SPECIFIC DATE:	Thu	1520	es	2											-		REC	4				10
Hold	✓ Dispose		Retu	ırn		gements must b eekend/holiday		ر د (ک	(Pb)										*	Residual Chlorine		CONTAINERS RECEIVED	U		O		6
	SAMPLI	NG						Resample	√ -1											- A		AINE					
DATE	TIME	Т	ype**		SAMPLE DESC	CRIPTION	Water Trax # (if appl)	sar	ICPMS											Free	Total	TNC			71.4		
(mm-dd-yy) 11141	R	T D	Р			" (II appl)	Re	IC											占	2	ŭ	TEN	ΛP	Btl. Typ	3	Lab ID
6-13-1	8 6230			X.	T (84	(Standing)			Х							\sqcup	\perp	\perp	\perp			1	2	5	10P	13	oloji /
6-13-1	7:05			х	7-184	(Flushed)			Х		\perp	Ш	_			\sqcup	\perp	\bot	_	_		1	1		4	133	21018
6-03-1	8 6:40			×	F 104	5												\bot	\perp			1		- 1		113	51019
6-13-1	87015			X	F104	F				_	\perp		_	-	_	\vdash	_	\perp		_		١				13	21020
6-13-18	6:50			X	T 144	5			_	_	\perp	\square		\perp		\sqcup	_	\perp	_	\dashv		1				اي	004
1-13-18	7275			X	T144	F	1		_	_		\square		_	+	\vdash	_	\perp	_			1			11.	١٥	51022
1-08	7:00			x	T143	5			_	_				_	-	\vdash	_	\perp	_			1		-		10	0107
6-13-18	7235			>	T143	F		_		_	_		\perp		_	\vdash	_	+	\perp			1	N	<i>V</i> .	V	1.5	21077
											_	\sqcup								A 8							
					ed, D=Distribut	ion, P=Plumb	oing (O.REG. 1	70 /			Z	Wate	erworks	s#	5000	53418		0.						/319			
The State of the S	318 / 319	20									- I							√ 0.					, plicab	lo.	□Yes		□No
1		edan	ce No	tific	ation Informatio						EGULATION							E/PHL r hum				121	piicab	IE	✓ Yes		HNo
	Mark Bocy					705-690-0323					- S							s per					2102		Yes		✓ No
	705-671-31				Fax:	705-761-2442					10) Only		s per	U. KI	EG.	1/0/.		ne:		5-522-92		
COMM	ENTS/FIEL	DIN	DIES								7.7			:h Un		SDH						Fax			5-677-96		
											ishe	d to	Testn	nark	By)(S	ignat	ure)	,	10)	Pate		6 17	Tiņ			
ESTIN	TIMATED STANDING TIME:										0	ry	res	e,	Re	7		14	CAS .		29		6-15); /8		
Sample	d By (Brint		/		1.00	Date	4-12	Tir	me 3/	8	Shi	ippe	d By						11	_	0	1	Ship	ping	Refere	nce	
Date	H FU		Sign	- 1/	Upp	Date	0 12		ne	4	Re	ceiv	ed at	Test	mark	c By	1		4	u	JV	<u>ا ر</u>	Date	UT.		Tin	ne
Receive	d By (Print	. апо	ı sıgn)		Date		' ''	i iC		17.61	CCIV	cu at	. 1030	andir	. Dy	0	0	4	\leq	K				13/18		0:20

7 Margaret Street, Garson, ON, P3L 1E1 • 705-693-1121 (P) • 705-693-1124 (F) • customer.service@testmark.ca 100 Wilson Ave., Suite 102, Timmins, ON, P4N 2S9 • 705-531-1121 (P) • 705-531-1125 (F) • timmins@testmark.ca

100 Wilson Ave., Suite 102, Timmins, ON, P4N 259 • 703-331-1121 (F) • 703-331-1125 (I) • 6820 Kitimat Road Unit #1, Mississauga, ON, L5N 5M3 • 905-821-1112 (P) • 905-821-2095 (F) • csr-mississauga@testmark.ca Continue C



Client: Mark Bocy Work Order Number: 346718 RDSB - Princess Anne Public School PO #: Company: 69 Young St O.Reg. 243/07 Address: Regulation: Sudbury, ON, P3E 3G5 Project #: (705) 674-3171 / (705) 761-2442 Phone/Fax: DWS #: 500053418 bocym@rainbowschools.ca Sampled By: Email: Mark Bocy Date Order Received: 6/13/2018 Analysis Started: 6/19/2018 23 °C Arrival Temperature: Analysis Completed: 6/20/2018

WORK ORDER SUMMARY

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

Sample Description	Lab ID	Matrix	Туре	Comments	Date Collected	Time Collected
T 109 (Standing)	1351033	Water	Plumbing		6/13/2018	7:10 AM
T 109 (Flushed)	1351034	Water	Plumbing		6/13/2018	7:45 AM
F 212 S	1351035	Water	Plumbing		6/13/2018	7:20 AM
F 212 F	1351036	Water	Plumbing		6/13/2018	7:55 AM

METHODS AND INSTRUMENTATION

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

Method	Lab	Description	Reference
ICPMS Reg. Water (R13.1)	Garson	Determination of Metals in Water by ICP/MS	Modified from SW846-6020A

This report has been approved by:

Khaled Omari, Ph.D.

Laboratory Director



RDSB - Princess Anne Public School Work Order Number: 346718

WORK ORDER RESULTS

Sample Description	T 109 (Standing)		T 109 (F	Flushed)	F 2	12 S	F 2	12 F		
Lab ID	135	1033	135	1351034		1351035		1036		
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: 0 243/
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.



RDSB - Princess Anne Public School Work Order Number: 346718

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						
%RPD: % RPD (4)						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20180620.R13.1D
Reference Sample: CRM-1	2 (EP-L-3) (12)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	ug/L	3.65	3.69	4.35	20180620.R13.1D
Lead	N/A	ug/L	3.65	3.69	4.35	20180620.R13.1E
Positive Control: LFB-7 (N	100 μg/L) (7)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	86.4	120	20180620.R13.1D
Lead	N/A	%	80	86.5	120	20180620.R13.1E
Sample Spike: LFMS-10 (N	I 100 μg/L) (10)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	87	130	20180620.R13.1D
Lead	N/A	% Rec	70	85.1	130	20180620.R13.1E
Method Blank: LRB-6 (Blan	ık- μg/L) (6)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	0	<1	1	20180620.R13.1E
Lead	1	ug/L	0	<1	1	20180620.R13.1D

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
F 212 F	1351036	ICPMS Reg. Water (R13.1)	20180620.R13.1E	20180619.A52N
F 212 S	1351035	ICPMS Reg. Water (R13.1)	20180620.R13.1E	20180619.A52N
F 212 S	1351035r	ICPMS Reg. Water (R13.1)	20180620.R13.1E	20180619.A52N
T 109 (Flushed)	1351034	ICPMS Reg. Water (R13.1)	20180620.R13.1D	20180619.A52M
T 109 (Standing)	1351033	ICPMS Reg. Water (R13.1)	20180620.R13.1D	20180619.A52M

TESTMARK Laboratories
Committed to Quality and Service

V-TM-DW-2012-3.0

Committe	ed to Quali	ty and	Servic		se use our (General Chain										-1			Page	1	of1	
REPORT TO: Client: RDSB - Princess Anne P.S.							IN	of Custody Form for non-drinking water sample submissing INVOICE TO: (if different from Report) Client:											PROJECT INFORMATION:			
Address:							-												TM Quote #:			
Sudbury, ON P3C 2X8						- Au	Address:										Client P.O. #:					
Contact:	Mark Bocy																		Client Project #:			
Email:								Contact:														
Phone:	bocym@rainbowschools.ca; lavallm@rainbowschools.ca							Email:														
T un.							Pho	Phone: Fax:														
											A	NALYSI	s Req	UESTE	D			LABORATORY USE ONLY				
	Fax Fail Mail 1 Business Day 2 Business Days												T	T							ER NUMBER:	
QC DATA REPORTED ☐ 3 Business Days ☐ Standard ☐ Yes ☐ No							No?)										orin	۵		ORIN ONDI	ER MOMBER.	
	E DIEBOS			Spranna D.	1	721	o										Residual Chlorin	CONTAINERS RECEIVED				
SAMPLE DISPOSAL SPECIFIC DATE: * Prior arrangements must be made for							(Yes	9									la	SEC!	2		JID	
Hold Dispose Return rush/weekend/holiday work							_ (e)	(Pb)									sidı	RS F		40	SIL	
DATE		Type ²	k ak	SAMPLE DES	COTOTION	Water Trax	Resample	IS 1									Re	INE	0			
(mm-dd-yy)	IME D	TI		SAMPLE DE	SCRIPTION	# (if appl)	esa	ICPMS								g	Z E	NTA				
6-13-18 7:	10		X	1109	· · · · · ·		2	_	_	+	_	+		\perp		Free	Total	ပိ	TEMP	Btl. Typ	e Lab ID	
6-13-18 7	45	+	X	T 109	(Standing) (Flushed)		+-	Х	-	+	+	+		\vdash	\perp			1	23	3/10	135103	
6-13-18 7	20			F 202	(riusnea)		-	X	+	++	-	++	_	\vdash	+			1			136103	
6-13-18 7:	50			F 212	F		+	8	+	+	-	++	+	\vdash	\dashv	_	_	1	,		135103	
							+	80	+	++	+	+	-	+	++	+	_		V		135103	
							+-	~	+	+	+	++	_	+	++	+	+	X				
							1		+	+	_	++	_	\vdash	++	+	-	10000				
						-a			\top	+-+	-	++	+	\vdash	++	_	+					
No ale									\top	+	+	++	_	\vdash	+	+	+-		CONTRACTOR			
318 / 319 / 0.	.REG. 24	3)		ed, D=Distribut		ing (O.REG. 17	70 /	O.RE	G. NO	Water	works #	50	00534:	18	0. R	EG. 17	0 0	. REC	S. 318/319)		
Adverse and E	xceedan	ce N	otifica	ation Information	on:				EGULATION	ISN	Form	Suhm	itted i	-0 MO	√ 0. R	EG. 24						
Name: Mark Bocy Cell: 705-690-0323									EGU	LSN Form Submitted to MOE/PHU? No Are these water samples for human consumption								ot Abl	t Applicable Yes No			
Phone: 705-67				Fax:	705-761-2442				7		he re	sults	report	able a	s ner O	RFG	170/3	011 <i>:</i> 21.2/3	2102	Yes	✓ No	
COMMENTS/FIELD NOTES:									0.	Are the results reportable as per O. REG. 170/3: O. REG. 170/318/319 Only:									Phone: 705-522-9200			
												Unit:			×			Fax	_	05-677-960		
ESTIMATE	D STAN	NDI	NG 1	TIME:					Re	Iinquis	hed t	to Tes	tmark	By (S	ignatur	e)			Date	(18	Time . O	
ampled By (Print and Sign) Date C (O)						Tim	ne Shipped By							Shipping Reference								
Received By (F	Print and			/	Date	0 11	Tim		Re	ceived	at Te	estmai	rk By	1	<u>-</u>	. ~	a	X	Date	15/18 JH	Time	

7 Margaret Street, Garson, ON, P3L 1E1 • 705-693-1121 (P) • 705-693-1124 (F) • customer.service@testmark.ca 100 Wilson Ave., Suite 102, Timmins, ON, P4N 2S9 • 705-531-1121 (P) • 705-531-1125 (F) • timmins@testmark.ca 6820 Kitimat Road Unit #1, Mississauga, ON, L5N 5M3 • 905-821-1112 (P) • 905-821-2095 (F) • csr-mississauga@testmark.ca

CONFIRMATION REPORT

*** Please contact Customer Service for assistance with customized CofC's for Schedule 15.1 testing.

Please use separate CofC's for each Waterworks. Samples must be received below 10°C with evidence that an attempt was made to ensure adequate cooling.