



December 15, 2023

1785 Bloor Holdings Inc.  
204 - 181 Eglinton Avenue East  
Toronto, ON, M4P 1J4

E-mail: [michi@sajekiplanning.com](mailto:michi@sajekiplanning.com)

Attention: Mr. Michi McCloskey,  
*Senior Planner*

**Re: Addendum to Hydrogeological Assessment dated May 25, 2022**  
1785 Bloor Street, Mississauga, Ontario  
Pinchin File: 291885.002

Pinchin Ltd. (Pinchin) has been retained by 1785 Bloor Holdings Inc. c/o Mr. Michi McCloskey (Client) to provide a hydrogeological assessment for the proposed redevelopment of the property located at 1785 Bloor Street (Site), in the City of Mississauga (City), Ontario.

A hydrogeological assessment report entitled "*Hydrogeological Assessment, 1785 Bloor Street, Mississauga, Ontario*" was prepared by Pinchin and issued on May 25, 2022.

This Addendum is provided to update the results of the groundwater quality assessment presented in Section 8.0 - Groundwater Quality, Section 9.0 - Conclusions and Section 10.0 - Recommendations of the Hydrogeology Assessment report.

To assess the water quality, one unfiltered groundwater sample was obtained on January 21, 2022 from BH/MW4 with reference to the Peel Region Sewer Use By-Law parameter criteria, for storm sewer and sanitary sewer discharge. The analytical results were compared with the Peel Region Sewer Use Bylaw – Sanitary and Storm Sewer Discharge Limits.

Since the time of sampling, the City of Mississauga has passed Storm Use Bylaw 0046-22, which became effective on March 23, 2022. As a result, the analytical results shall be compared with the new storm sewer standards applicable in Mississauga. A copy of the laboratory Certificate of Analysis is attached to this letter.

Based on a comparison of the analytical results with the amended Peel Region Sanitary Sewer Discharge Limits and the City of Mississauga Storm Sewer Discharge Limits, an exceedance was found for total suspended solids (TSS) only, which is detailed below.

Monitoring Well	Parameter	Unit	Storm Water Guideline Value	Sanitary Sewer Guideline Value	Measured Concentration
BH/MW4	TSS	mg/L	<u>15</u>	<u>350</u>	580

It is considered that the elevated TSS concentration is attributed to sediment within the sample and may be reduced to acceptable levels following treatment for TSS by filtration. Therefore, the excess water generated from the Site can be discharged to the local sewer systems after this appropriate treatment.

We trust that the information provided in this Addendum meets your requirements. If you have any questions, or require additional information, please do not hesitate to contact either of the undersigned.

Yours truly,

**Pinchin Ltd.**

Prepared by:

Reviewed by:

Bujing Guan, M.A.Sc., P.Geo.  
Hydrogeologist  
437.993.1832  
[bguan@pinchin.com](mailto:bguan@pinchin.com)

Craig S. Kelly, B.Sc., P.Geo.  
Senior Geoscientist  
289.971.8372  
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Encl.: Laboratory Certificate of Analysis

291885.002 Addendum to HG Assessment 1785 Bloor Street Mississauga ON Dec 15 2023.docx

**Laboratory Certificate of Analysis (Revised)**



Your Project #: 291885.002  
 Your C.O.C. #: 862577-01-01

**Attention: Craig Kelly**

Pinchin Ltd  
 2360 Meadowpine Blvd  
 Unit # 2  
 Mississauga, ON  
 CANADA L5N 6S2

**Report Date: 2023/12/12**  
 Report #: R7951417  
 Version: 3 - Revision

**CERTIFICATE OF ANALYSIS – REVISED REPORT**

**BUREAU VERITAS JOB #: C216825**

**Received: 2022/01/21, 13:12**

Sample Matrix: Water  
 # Samples Received: 1

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
ABN Compounds in Water by GC/MS	1	2022/01/23	2022/01/25	CAM SOP-00301	EPA 8270 m
Carbonaceous BOD	1	2022/01/22	2022/01/27	CAM SOP-00427	SM 23 5210B m
Total Cyanide	1	2022/01/24	2022/01/24	CAM SOP-00457	OMOE E3015 5 m
Fluoride	1	2022/01/22	2022/01/24	CAM SOP-00449	SM 23 4500-F C m
Mercury in Water by CVAA	1	2022/01/25	2022/01/25	CAM SOP-00453	EPA 7470A m
Total Metals Analysis by ICPMS	1	2022/01/26	2022/01/26	CAM SOP-00447	EPA 6020B m
E.coli, (CFU/100mL)	1	N/A	2022/01/21	CAM SOP-00552	MOE LSB E3371
Total Nonylphenol in Liquids by HPLC	1	2022/01/24	2022/01/26	CAM SOP-00313	In-house Method
Nonylphenol Ethoxylates in Liquids: HPLC	1	2022/01/24	2022/01/26	CAM SOP-00313	BV Labs Method
Animal and Vegetable Oil and Grease	1	N/A	2022/01/26	CAM SOP-00326	EPA1664B m,SM5520B m
Total Oil and Grease	1	2022/01/26	2022/01/26	CAM SOP-00326	EPA1664B m,SM5520B m
Polychlorinated Biphenyl in Water	1	2022/01/24	2022/01/25	CAM SOP-00309	EPA 8082A m
pH	1	2022/01/22	2022/01/24	CAM SOP-00413	SM 4500H+ B m
Phenols (4AAP)	1	N/A	2022/01/24	CAM SOP-00444	OMOE E3179 m
Sulphate by Automated Turbidimetry	1	N/A	2022/01/24	CAM SOP-00464	EPA 375.4 m
Total Kjeldahl Nitrogen in Water	1	2022/01/24	2022/01/25	CAM SOP-00938	OMOE E3516 m
Mineral/Synthetic O & G (TPH Heavy Oil) (1)	1	2022/01/26	2022/01/26	CAM SOP-00326	EPA1664B m,SM5520F m
Total Suspended Solids	1	2022/01/25	2022/01/26	CAM SOP-00428	SM 23 2540D m
Volatile Organic Compounds in Water	1	N/A	2022/01/24	CAM SOP-00228	EPA 8260C m

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCCFP, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or



Your Project #: 291885.002  
Your C.O.C. #: 862577-01-01

**Attention: Craig Kelly**

Pinchin Ltd  
2360 Meadowpine Blvd  
Unit # 2  
Mississauga, ON  
CANADA L5N 6S2

**Report Date: 2023/12/12**  
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**CERTIFICATE OF ANALYSIS – REVISED REPORT**

**BUREAU VERITAS JOB #: C216825**

**Received: 2022/01/21, 13:12**

implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

\* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) Note: TPH (Heavy Oil) is equivalent to Mineral / Synthetic Oil & Grease

**Encryption Key**

Please direct all questions regarding this Certificate of Analysis to:

Antonella Brasil, Senior Project Manager  
Email: Antonella.Brasil@bureauveritas.com  
Phone# (905)817-5817

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Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



**PEEL SANITARY & STORM SEWER (53-2010)**

<b>Bureau Veritas ID</b>				RRA847		
<b>Sampling Date</b>				2022/01/21 11:30		
<b>COC Number</b>				862577-01-01		
	<b>UNITS</b>	<b>Criteria</b>	<b>Criteria-2</b>	<b>MW4 1785 BLOOR ST</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Calculated Parameters</b>						
Total Animal/Vegetable Oil and Grease	mg/L	-	150	<0.50	0.50	7793712
<b>Inorganics</b>						
Total Carbonaceous BOD	mg/L	-	300	<2	2	7795152
Fluoride (F-)	mg/L	-	10	1.4	0.10	7795461
Total Kjeldahl Nitrogen (TKN)	mg/L	-	100	1.5	0.10	7797026
pH	pH	6:9	5.5:10.0	8.07		7795457
Phenols-4AAP	mg/L	0.008	1	<0.0010	0.0010	7796368
Total Suspended Solids	mg/L	15	350	<b>580</b>	10	7795188
Dissolved Sulphate (SO4)	mg/L	-	1500	44	1.0	7795602
Total Cyanide (CN)	mg/L	0.02	2	<0.0050	0.0050	7796829
<b>Petroleum Hydrocarbons</b>						
Total Oil & Grease	mg/L	-	-	0.60	0.50	7800391
TPH - Heavy Oils	mg/L	-	15	0.50	0.50	7800393
<b>Miscellaneous Parameters</b>						
Nonylphenol Ethoxylate (Total)	mg/L	-	0.2	<0.025	0.025	7797119
Nonylphenol (Total)	mg/L	-	0.02	<0.001	0.001	7797103
<b>Metals</b>						
Mercury (Hg)	mg/L	0.0004	0.01	<0.00010	0.00010	7798098
Total Aluminum (Al)	ug/L	1000	50000	520	4.9	7800756
Total Antimony (Sb)	ug/L	-	5000	<0.50	0.50	7800756
Total Arsenic (As)	ug/L	20	1000	<1.0	1.0	7800756
Total Cadmium (Cd)	ug/L	8	700	<0.090	0.090	7800756
Total Chromium (Cr)	ug/L	80	5000	<5.0	5.0	7800756
Total Cobalt (Co)	ug/L	-	5000	<0.50	0.50	7800756
Total Copper (Cu)	ug/L	40	3000	1.3	0.90	7800756
Total Lead (Pb)	ug/L	120	3000	<0.50	0.50	7800756
Total Manganese (Mn)	ug/L	2000	5000	69	2.0	7800756
Total Molybdenum (Mo)	ug/L	-	5000	0.72	0.50	7800756
No Fill	No Exceedance					
Grey	Exceeds 1 criteria policy/level					
Black	Exceeds both criteria/levels					
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
Criteria: City of Mississauga Storm Sewer Use By-Law 0046-2022						
Criteria-2: The Regional Municipality of Peel Sanitary Sewer Discharge. By-Law Number 53-2010.						



BUREAU  
VERITAS

Bureau Veritas Job #: C216825

Report Date: 2023/12/12

Pinchin Ltd

Client Project #: 291885.002

Sampler Initials: YP

### PEEL SANITARY & STORM SEWER (53-2010)

Bureau Veritas ID				RRA847		
Sampling Date				2022/01/21 11:30		
COC Number				862577-01-01		
	UNITS	Criteria	Criteria-2	MW4 1785 BLOOR ST	RDL	QC Batch
Total Nickel (Ni)	ug/L	80	3000	1.4	1.0	7800756
Total Phosphorus (P)	ug/L	400	10000	<100	100	7800756
Total Selenium (Se)	ug/L	20	1000	<2.0	2.0	7800756
Total Silver (Ag)	ug/L	120	5000	<0.090	0.090	7800756
Total Tin (Sn)	ug/L	-	5000	<1.0	1.0	7800756
Total Titanium (Ti)	ug/L	-	5000	11	5.0	7800756
Total Zinc (Zn)	ug/L	200	3000	<5.0	5.0	7800756
<b>Semivolatile Organics</b>						
Bis(2-ethylhexyl)phthalate	ug/L	-	12	<2.0	2.0	7795837
Di-N-butyl phthalate	ug/L	-	80	<2.0	2.0	7795837
<b>Volatile Organics</b>						
Benzene	ug/L	2	10	<0.40	0.40	7795169
Chloroform	ug/L	-	40	<0.40	0.40	7795169
1,2-Dichlorobenzene	ug/L	5.6	50	<0.80	0.80	7795169
1,4-Dichlorobenzene	ug/L	6.8	80	<0.80	0.80	7795169
cis-1,2-Dichloroethylene	ug/L	-	4000	<1.0	1.0	7795169
trans-1,3-Dichloropropene	ug/L	-	140	<0.80	0.80	7795169
Ethylbenzene	ug/L	2	160	<0.40	0.40	7795169
Methylene Chloride(Dichloromethane)	ug/L	5.2	2000	<4.0	4.0	7795169
Methyl Ethyl Ketone (2-Butanone)	ug/L	-	8000	<20	20	7795169
Styrene	ug/L	-	200	<0.80	0.80	7795169
1,1,2,2-Tetrachloroethane	ug/L	17	1400	<0.80	0.80	7795169
Tetrachloroethylene	ug/L	4.4	1000	<0.40	0.40	7795169
Toluene	ug/L	2	270	<0.40	0.40	7795169
Trichloroethylene	ug/L	7.6	400	<0.40	0.40	7795169
p+m-Xylene	ug/L	-	-	<0.40	0.40	7795169
o-Xylene	ug/L	-	-	<0.40	0.40	7795169
Total Xylenes	ug/L	4.4	1400	<0.40	0.40	7795169
No Fill	No Exceedance					
Grey	Exceeds 1 criteria policy/level					
Black	Exceeds both criteria/levels					
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
Criteria: City of Mississauga Storm Sewer Use By-Law 0046-2022						
Criteria-2: The Regional Municipality of Peel Sanitary Sewer Discharge. By-Law Number 53-2010.						



**PEEL SANITARY & STORM SEWER (53-2010)**

<b>Bureau Veritas ID</b>				RRA847		
<b>Sampling Date</b>				2022/01/21 11:30		
<b>COC Number</b>				862577-01-01		
	<b>UNITS</b>	<b>Criteria</b>	<b>Criteria-2</b>	<b>MW4 1785 BLOOR ST</b>	<b>RDL</b>	<b>QC Batch</b>
<b>PCBs</b>						
Total PCB	ug/L	0.4	1	<0.05	0.05	7796928
<b>Microbiological</b>						
Escherichia coli	CFU/100mL	200	-	<10	10	7794100
<b>Surrogate Recovery (%)</b>						
2,4,6-Tribromophenol	%	-	-	76		7795837
2-Fluorobiphenyl	%	-	-	54		7795837
2-Fluorophenol	%	-	-	33		7795837
D14-Terphenyl	%	-	-	93		7795837
D5-Nitrobenzene	%	-	-	74		7795837
D5-Phenol	%	-	-	27		7795837
Decachlorobiphenyl	%	-	-	72		7796928
4-Bromofluorobenzene	%	-	-	97		7795169
D4-1,2-Dichloroethane	%	-	-	111		7795169
D8-Toluene	%	-	-	97		7795169
No Fill	No Exceedance					
Grey	Exceeds 1 criteria policy/level					
Black	Exceeds both criteria/levels					
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
Criteria: City of Mississauga Storm Sewer Use By-Law 0046-2022						
Criteria-2: The Regional Municipality of Peel Sanitary Sewer Discharge. By-Law Number 53-2010.						





**PEEL SANITARY & STORM SEWER (53-2010)**

<b>Bureau Veritas ID</b>				RRA847		
<b>Sampling Date</b>				2022/01/21 11:30		
<b>COC Number</b>				862577-01-01		
	<b>UNITS</b>	<b>Criteria</b>	<b>Criteria-2</b>	<b>MW4 1785 BLOOR ST Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Inorganics</b>						
Total Cyanide (CN)	mg/L	0.02	2	<0.0050	0.0050	7796829
<b>PCBs</b>						
Total PCB	ug/L	0.4	1	<0.05	0.05	7796928
<b>Surrogate Recovery (%)</b>						
Decachlorobiphenyl	%	-	-	69		7796928
No Fill	No Exceedance					
Grey	Exceeds 1 criteria policy/level					
Black	Exceeds both criteria/levels					
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
Lab-Dup = Laboratory Initiated Duplicate						
Criteria: City of Mississauga Storm Sewer Use By-Law 0046-2022						
Criteria-2: The Regional Municipality of Peel Sanitary Sewer Discharge. By-Law Number 53-2010.						



BUREAU  
VERITAS

Bureau Veritas Job #: C216825  
Report Date: 2023/12/12

Pinchin Ltd  
Client Project #: 291885.002  
Sampler Initials: YP

### TEST SUMMARY

**Bureau Veritas ID:** RRA847  
**Sample ID:** MW4 1785 BLOOR ST  
**Matrix:** Water

**Collected:** 2022/01/21  
**Shipped:**  
**Received:** 2022/01/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
ABN Compounds in Water by GC/MS	GC/MS	7795837	2022/01/23	2022/01/25	Anh Lieu
Carbonaceous BOD	DO	7795152	2022/01/22	2022/01/27	Surleen Kaur Romana
Total Cyanide	SKAL/CN	7796829	2022/01/24	2022/01/24	Nimarta Singh
Fluoride	ISE	7795461	2022/01/22	2022/01/24	Surinder Rai
Mercury in Water by CVAA	CV/AA	7798098	2022/01/25	2022/01/25	Gagandeep Rai
Total Metals Analysis by ICPMS	ICP/MS	7800756	2022/01/26	2022/01/26	Azita Fazaeli
E.coli, (CFU/100mL)	PL	7794100	N/A	2022/01/21	Farhana Rahman
Total Nonylphenol in Liquids by HPLC	LC/FLU	7797103	2022/01/24	2022/01/26	Dennis Boodram
Nonylphenol Ethoxylates in Liquids: HPLC	LC/FLU	7797119	2022/01/24	2022/01/26	Dennis Boodram
Animal and Vegetable Oil and Grease	BAL	7793712	N/A	2022/01/26	Automated Statchk
Total Oil and Grease	BAL	7800391	2022/01/26	2022/01/26	Mitul Patel
Polychlorinated Biphenyl in Water	GC/ECD	7796928	2022/01/24	2022/01/25	Svitlana Shaula
pH	AT	7795457	2022/01/22	2022/01/24	Surinder Rai
Phenols (4AAP)	TECH/PHEN	7796368	N/A	2022/01/24	Louise Harding
Sulphate by Automated Turbidimetry	SKAL	7795602	N/A	2022/01/24	Avneet Kour Sudan
Total Kjeldahl Nitrogen in Water	SKAL	7797026	2022/01/24	2022/01/25	Massarat Jan
Mineral/Synthetic O & G (TPH Heavy Oil)	BAL	7800393	2022/01/26	2022/01/26	Mitul Patel
Total Suspended Solids	BAL	7795188	2022/01/25	2022/01/26	Shaneil Hall
Volatile Organic Compounds in Water	GC/MS	7795169	N/A	2022/01/24	Ancheol Jeong

**Bureau Veritas ID:** RRA847 Dup  
**Sample ID:** MW4 1785 BLOOR ST  
**Matrix:** Water

**Collected:** 2022/01/21  
**Shipped:**  
**Received:** 2022/01/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Cyanide	SKAL/CN	7796829	2022/01/24	2022/01/24	Nimarta Singh
Polychlorinated Biphenyl in Water	GC/ECD	7796928	2022/01/24	2022/01/25	Svitlana Shaula



### GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	4.7°C
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Revised Report (2022/03/18) : Mississauga Storm and Peel Sanitary Criteria included as per client request .

Revised Report(2023/12/12): New Mississauga Storm Criteria included and Peel Sanitary Criteria as per client request.

Sample RRA847 [MW4 1785 BLOOR ST] : VOC Analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

**Results relate only to the items tested.**



BUREAU  
VERITAS

Bureau Veritas Job #: C216825

Report Date: 2023/12/12

### QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 291885.002

Sampler Initials: YP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7795169	4-Bromofluorobenzene	2022/01/24	98	70 - 130	101	70 - 130	99	%				
7795169	D4-1,2-Dichloroethane	2022/01/24	105	70 - 130	101	70 - 130	100	%				
7795169	D8-Toluene	2022/01/24	100	70 - 130	100	70 - 130	98	%				
7795837	2,4,6-Tribromophenol	2022/01/24	88	10 - 130	86	10 - 130	77	%				
7795837	2-Fluorobiphenyl	2022/01/24	67	30 - 130	69	30 - 130	70	%				
7795837	2-Fluorophenol	2022/01/24	45	10 - 130	51	10 - 130	53	%				
7795837	D14-Terphenyl	2022/01/24	95	30 - 130	95	30 - 130	94	%				
7795837	D5-Nitrobenzene	2022/01/24	82	30 - 130	83	30 - 130	80	%				
7795837	D5-Phenol	2022/01/24	33	10 - 130	34	10 - 130	36	%				
7796928	Decachlorobiphenyl	2022/01/25	56 (1)	60 - 130	72	60 - 130	66	%				
7795152	Total Carbonaceous BOD	2022/01/27					<2	mg/L	4.4	30	92	80 - 120
7795169	1,1,2,2-Tetrachloroethane	2022/01/24	95	70 - 130	93	70 - 130	<0.40	ug/L	NC	30		
7795169	1,2-Dichlorobenzene	2022/01/24	94	70 - 130	95	70 - 130	<0.40	ug/L	NC	30		
7795169	1,4-Dichlorobenzene	2022/01/24	110	70 - 130	113	70 - 130	<0.40	ug/L	NC	30		
7795169	Benzene	2022/01/24	90	70 - 130	92	70 - 130	<0.20	ug/L	NC	30		
7795169	Chloroform	2022/01/24	96	70 - 130	96	70 - 130	<0.20	ug/L	NC	30		
7795169	cis-1,2-Dichloroethylene	2022/01/24	96	70 - 130	97	70 - 130	<0.50	ug/L	NC	30		
7795169	Ethylbenzene	2022/01/24	88	70 - 130	91	70 - 130	<0.20	ug/L	NC	30		
7795169	Methyl Ethyl Ketone (2-Butanone)	2022/01/24	118	60 - 140	108	60 - 140	<10	ug/L	NC	30		
7795169	Methylene Chloride(Dichloromethane)	2022/01/24	110	70 - 130	107	70 - 130	<2.0	ug/L	NC	30		
7795169	o-Xylene	2022/01/24	88	70 - 130	91	70 - 130	<0.20	ug/L	NC	30		
7795169	p+m-Xylene	2022/01/24	93	70 - 130	97	70 - 130	<0.20	ug/L	1.3	30		
7795169	Styrene	2022/01/24	100	70 - 130	103	70 - 130	<0.40	ug/L	NC	30		
7795169	Tetrachloroethylene	2022/01/24	86	70 - 130	89	70 - 130	<0.20	ug/L	NC	30		
7795169	Toluene	2022/01/24	89	70 - 130	90	70 - 130	<0.20	ug/L	NC	30		
7795169	Total Xylenes	2022/01/24					<0.20	ug/L	1.3	30		
7795169	trans-1,3-Dichloropropene	2022/01/24	108	70 - 130	96	70 - 130	<0.40	ug/L	NC	30		
7795169	Trichloroethylene	2022/01/24	101	70 - 130	103	70 - 130	<0.20	ug/L	NC	30		
7795188	Total Suspended Solids	2022/01/26					<10	mg/L	0	20	98	N/A
7795457	pH	2022/01/24			102	98 - 103			0.36	N/A		
7795461	Fluoride (F-)	2022/01/24	107	80 - 120	100	80 - 120	<0.10	mg/L	NC	20		



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### QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 291885.002

Sampler Initials: YP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7795602	Dissolved Sulphate (SO4)	2022/01/24	120	75 - 125	100	80 - 120	<1.0	mg/L	0.13	20		
7795837	Bis(2-ethylhexyl)phthalate	2022/01/25	79	30 - 130	95	30 - 130	<2.0	ug/L	NC	40		
7795837	Di-N-butyl phthalate	2022/01/25	98	30 - 130	102	30 - 130	<2.0	ug/L	NC	40		
7796368	Phenols-4AAP	2022/01/24	102	80 - 120	100	80 - 120	<0.0010	mg/L	NC	20		
7796829	Total Cyanide (CN)	2022/01/24	105	80 - 120	100	80 - 120	<0.0050	mg/L	NC	20		
7796928	Total PCB	2022/01/25	52 (2)	60 - 130	63	60 - 130	<0.05	ug/L	NC	40		
7797026	Total Kjeldahl Nitrogen (TKN)	2022/01/25	103	80 - 120	98	80 - 120	<0.10	mg/L	0	20	98	80 - 120
7797103	Nonylphenol (Total)	2022/01/26	98	50 - 130	125	50 - 130	<0.001	mg/L	NC	40		
7797119	Nonylphenol Ethoxylate (Total)	2022/01/26	99	50 - 130	92	50 - 130	<0.025	mg/L	4.6	40		
7798098	Mercury (Hg)	2022/01/25	119	75 - 125	94	80 - 120	<0.00010	mg/L	NC	20		
7800391	Total Oil & Grease	2022/01/26			98	80 - 110	<0.50	mg/L	1.3	25		
7800393	TPH - Heavy Oils	2022/01/26			95	65 - 130	<0.50	mg/L	2.1	25		
7800756	Total Aluminum (Al)	2022/01/26	115	80 - 120	100	80 - 120	<4.9	ug/L	1.1	20		
7800756	Total Antimony (Sb)	2022/01/26	104	80 - 120	100	80 - 120	<0.50	ug/L				
7800756	Total Arsenic (As)	2022/01/26	102	80 - 120	101	80 - 120	<1.0	ug/L	NC	20		
7800756	Total Cadmium (Cd)	2022/01/26	99	80 - 120	100	80 - 120	<0.090	ug/L	NC	20		
7800756	Total Chromium (Cr)	2022/01/26	100	80 - 120	98	80 - 120	<5.0	ug/L	NC	20		
7800756	Total Cobalt (Co)	2022/01/26	99	80 - 120	97	80 - 120	<0.50	ug/L	7.7	20		
7800756	Total Copper (Cu)	2022/01/26	98	80 - 120	100	80 - 120	<0.90	ug/L	2.5	20		
7800756	Total Lead (Pb)	2022/01/26	92	80 - 120	94	80 - 120	<0.50	ug/L	5.5	20		
7800756	Total Manganese (Mn)	2022/01/26	98	80 - 120	99	80 - 120	<2.0	ug/L	3.7	20		
7800756	Total Molybdenum (Mo)	2022/01/26	105	80 - 120	98	80 - 120	<0.50	ug/L	5.9	20		
7800756	Total Nickel (Ni)	2022/01/26	95	80 - 120	97	80 - 120	<1.0	ug/L	5.0	20		
7800756	Total Phosphorus (P)	2022/01/26	108	80 - 120	114	80 - 120	<100	ug/L				
7800756	Total Selenium (Se)	2022/01/26	99	80 - 120	101	80 - 120	<2.0	ug/L	NC	20		
7800756	Total Silver (Ag)	2022/01/26	95	80 - 120	98	80 - 120	<0.090	ug/L	NC	20		
7800756	Total Tin (Sn)	2022/01/26	102	80 - 120	100	80 - 120	<1.0	ug/L				
7800756	Total Titanium (Ti)	2022/01/26	101	80 - 120	95	80 - 120	<5.0	ug/L				



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### QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 291885.002

Sampler Initials: YP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7800756	Total Zinc (Zn)	2022/01/26	97	80 - 120	104	80 - 120	<5.0	ug/L	4.1	20		

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) The recovery for the flagged target analyte was below the control limit as stipulated by Ontario Regulation 153, however, this recovery is still within Bureau Veritas Laboratories' performance based limits. Results reported for this specific analyte with spike recoveries within this range are still valid but may have an associated low bias.



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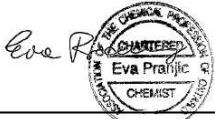
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Pinchin Ltd  
Client Project #: 291885.002  
Sampler Initials: YP

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Anastassia Hamanov, Scientific Specialist



Ewa Pranjic, M.Sc., C.Chem, Scientific Specialist

Farhana Rahman, Senior Analyst

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Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



Bureau Veritas Laboratories  
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CHAIN OF CUSTODY RECORD

Page of

<b>INVOICE TO:</b>		<b>REPORT TO:</b>		<b>PROJECT INFORMATION:</b>		<b>Laboratory Use Only:</b>	
Company Name: #3103 Pinchin Ltd		Company Name:		Quotation #: C20345		Bureau Veritas Job #:	
Attention: Accounts Payable		Attention: Craig Kelly		P.O. #:		Bottle Order #:	
Address: 2360 Meadowpine Blvd Unit # 2		Address:		Project: 291885.002		COC #:	
Mississauga ON L5N 6S2				Project Name:		Project Manager:	
Tel: (905) 363-0678 Fax: (905) 363-0681		Tel: (905) 363-1352 Fax:		Site #:		Antonella Brasil	
Email: ap@pinchin.com		Email: cckelly@pinchin.com		Sampled By:		C#862577-01-01	

<p><b>MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY</b></p>						Field Filtered (please circle): Metals / Hg / Cr VI Peel Sanitary & Storm Sewer (53-2010)	<b>ANALYSIS REQUESTED (PLEASE BE SPECIFIC)</b>										<b>Turnaround Time (TAT) Required:</b> Please provide advance notice for rush projects		
<b>Regulation 153 (2011)</b> <input type="checkbox"/> Table 1 <input type="checkbox"/> Table 2 <input type="checkbox"/> Table 3 <input type="checkbox"/> Table		<b>Other Regulations</b> <input type="checkbox"/> CCME <input type="checkbox"/> Reg 558 <input type="checkbox"/> MISA <input type="checkbox"/> PWQO <input type="checkbox"/> Other		<b>Special Instructions</b> Sanitary Sewer Bylaw Storm Sewer Bylaw Municipality: Peel Reg 406 Table			<b>Regular (Standard) TAT:</b> (will be applied if Rush TAT is not specified) Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.										<input checked="" type="checkbox"/>		
Include Criteria on Certificate of Analysis (Y/N)? <input checked="" type="checkbox"/>							<b>Job Specific Rush TAT (if applies to entire submission)</b> Date Required: _____ Time Required: _____ Rush Confirmation Number: _____ (call lab for #)										<input type="checkbox"/>		
	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix													# of Bottles	Comments
1	MW4	1785 Bloor St	Jan 21 2022	11:30	GW													18	
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

21-Jan-22 13:12  
 Antonella Brasil  
  
 C216825  
 VBV ENV-1403

* RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	# jars used and not submitted	Laboratory Use Only				
Yongjun P.H. Yongjun Jan		22/01/21	13:00	[Signature]		22/01/21	13:12		Time Sensitive	Temperature (°C) on Recd	Custody Seal Present	Yes	No
										7/2/5	Intact		

\* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BUREAU VERITAS'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.

\*\* SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.

White: Bureau Veritas Yellow: Client





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Report Date: 2023/12/12

Pinchin Ltd  
Client Project #: 291885.002  
Sampler Initials: YP

**Exceedance Summary Table – Mississauga Storm Sewer  
Result Exceedances**

Sample ID	Bureau Veritas ID	Parameter	Criteria	Result	DL	UNITS
MW4 1785 BLOOR ST	RRA847-06	Total Suspended Solids	15	580	10	mg/L
The exceedance summary table is for information purposes only and should not be considered a comprehensive listing or statement of conformance to applicable regulatory guidelines.						

**Exceedance Summary Table – Peel Region Sanitary 2010  
Result Exceedances**

Sample ID	Bureau Veritas ID	Parameter	Criteria	Result	DL	UNITS
MW4 1785 BLOOR ST	RRA847-06	Total Suspended Solids	350	580	10	mg/L
The exceedance summary table is for information purposes only and should not be considered a comprehensive listing or statement of conformance to applicable regulatory guidelines.						