SHARC INTERNATIONAL SYSTEMS INC. Condensed Consolidated Interim Financial Statements

For the three months ended March 31, 2021

(Unaudited - Expressed in Canadian dollars)

SHARC INTERNATIONAL SYSTEMS INC.

Under National Instrument 51-102, Part 4, subsection 4.3(3) (a), if an auditor has not performed a review of the condensed financial statements; the statements must be accompanied by a notice indicating that the financial statements have not been reviewed by an auditor. The Company's independent auditor has not performed a review of these financial statements in accordance with standards established by the Canadian Institute of Chartered Accountants for a review of financial information by an entity's auditor.

Management has prepared the information and representations in this interim report. The condensed consolidated interim financial statements have been prepared in accordance with International Financial Reporting Standards and, where appropriate, reflect management's best estimates and judgment. The financial information presented throughout this report is consistent with the data presented in the condensed financial statements.

The company maintains adequate systems of internal accounting and administrative controls, consistent with reasonable cost. Such systems are designed to provide reasonable assurance that relevant and reliable financial information is produced.

SHARC International Systems Inc. Condensed Consolidated Interim Statements of Financial Position

(Expressed in Canadian dollars)

	Note	March 31,2021 (unaudited) \$	December 31,2020 (audited) \$
ASSETS			*
Current			
Cash		4,460,101	3,101,267
Receivables	4	259,345	71,993
Prepaid expenses		60,156	92,687
Inventory	5	718,445	651,971
Total current assets		5,498,047	3,917,918
Restricted cash	6	25,000	25,000
Deposits		1,200	1,200
Property and equipment	7	399,663	426,516
Total assets		5,923,910	4,370,634
LIABILITIES AND SHAREHOLDERS' EQUITY (DEFICIENCY)			
Current liabilities			
Accounts payable and accrued liabilities	8	271,453	146,244
Loans payable	9	-	-
Deferred revenue	10	183,657	57,816
Convertible debentures	11	758,053	291,440
Lease liabilities	12	104,562	105,421
Total current liabilities		1,317,725	600,921
Loans payable	9	60,000	60,000
Convertible debentures	11	3,892,447	4,843,495
Lease liabilities	12	278,120	304,650
Total liabilities		5,548,292	5,809,066
SHAREHOLDERS' EQUITY (DEFICIENCY)			
Share capital	13	22,202,030	18,952,467
Reserves	13	3,747,022	4,241,450
Convertible debentures - equity component	11	816,008	907,036
Deficit		(26,389,442)) (25,539,385)
Total shareholders' equity (deficiency)		375,618	(1,438,432)
Total liabilities and shareholders' equity (deficiency)		5,923,910	4,370,634

The accompanying notes are an integral part of these condensed consolidated interim financial statements.

Nature of Operations and Going Concern [Note 1] Commitments and Contingencies [Note 14] Subsequent Events [Note 19]

Approved on behalf of the Board: /s/ Lynn Mueller /s/ Eleanor Chiu Director Director

SHARC International Systems Inc. Condensed Consolidated Interim Statements of Loss and Comprehensive Loss

(Unaudited - Expressed in Canadian dollars)

	Т	hree Months En	ded March 31,
	Note	2021	2020
		\$	\$
Revenue		190,212	54,675
Cost of sales		(120,646)	(7,465)
Gross margin		69,566	47,210
Expenses			
Accounting and legal		20,313	10,726
Advertising and promotion		53,710	58,482
Bad debt (recovery)		-	(7,311)
Consulting	8	140,176	82,439
Depreciation	7	36,668	34,746
Insurance		7,043	6,325
Interest and financing expense	9,11,12	282,529	332,169
Office and miscellaneous		18,320	16,639
Regulatory and filing fees		15,498	15,418
Rent		12,000	12,000
Repairs and maintenance		16,081	-
Research and development		19,101	15,584
Share-based payments	8,13	167,563	196,762
Telephone and utilities		20,402	22,371
Travel		12	22,738
Wages and benefits	8	111,568	306,843
		920,984	(1,125,931)
		(851,418)	(1,078,721)
Foreign exchange		(5,620)	(759)
Loss before income taxes		(857,038)	(1,079,480)
Deferred tax recovery		6,981	208,204
Loss and comprehensive loss for the period		(850,057)	(871,276)
Basic and diluted loss per common share		(0.01)	(0.02)
Weighted average number of common shares outstanding		83,278,125	45,562,358

The accompanying notes are an integral part of these condensed consolidated interim financial statements.

SHARC International Systems Inc.

Condensed Consolidated Interim Statements of Changes in Shareholders' Equity (Deficiency)

(Unaudited - Expressed in Canadian dollars)

	Convertible					
	Common Shares Res		Reserves	debenture	Deficit	Total
	Number	\$	\$	\$	\$	\$
Balance, December 31, 2019	38,877,126	13,212,855	2,985,374	497,891	(22,650,344)	(5,954,224
Common shares issued	10,000,000	650,000	-	-	-	650,000
Issuance of convertible debt	-	-	259,772	259,772	-	519,544
Shares for services	1,824,308	161,459	-	-	-	161,459
Share-based payments	-	-	141,762	-	-	141,762
Reversal of expired and forfeited options	-	-	(5,298)	-	5,298	-
Loss for the period	-	-	-	-	(871,276)	(871,276)
Balance, March 31, 2020	50,701,434	14,024,314	3,381,610	757,663	(23,516,322)	(5,352,735)
Common shares issued	10,001,000	3,000,300	-	-	-	3,000,300
Share issue cost	-	(356,197)	203,789	-	-	(152,408)
Stock options exercised	295,000	29,750	-	-	-	29,750
Fair value of stock options exercised	-	23,983	(23,983)	-	-	-
Warrants exercised	5,793,832	865,097	-	-	-	865,097
Fair value of warrants exercised	-	78,421	(78,421)	-	-	-
Issuance of convertible debt	-	-	347,018	347,018	-	694,036
Conversion of convertible debt	11,025,000	1,176,502	-	(197,645)	-	978,857
Shares for debt	45,455	6,818	-	-	-	6,818
Revaluation of warrants issued for debt settlement	-	-	194,074	-	-	194,074
Shares for services	544,627	103,479	-	-	-	103,479
Share-based payments	- ,	-	217,363	-	-	217,363
Loss for the period	-	-		-	(2,023,063)	(2,023,063)
Balance, December 31, 2020	78,406,348	18,952,467	4,241,450	907,036	(25,539,385)	(1,438,432)
Common shares issued	1,500,000	450,000	-	-	-	450,000
Share issue cost	-,,	(61,325)	37,768	-	-	(23,557)
Stock options exercised	365,000	33,875	-	-	-	33,875
Fair value of stock options exercised	-	36,099	(36,099)	-	-	-
Warrants exercised	3,896,428	1,209,821	-	-	-	1,209,821
Fair value of warrants exercised	-	672,710	(672,710)	-	-	-
Issuance of convertible debt	-	-	9,050	9,822	-	18,872
Conversion of convertible debt	6,312,500	908,383	-	(100,850)	-	807,533
Share-based payments	-	-	167,563	-	-	167,563
Loss for the period	-	-	-	-	(850,057)	(850,057)
Balance, March 31, 2021	90,480,276	22,202,030	3,747,022	816,008	(26,389,442)	375,618

The accompanying notes are an integral part of these condensed consolidated interim financial statements.

SHARC International Systems Inc. Condensed Consolidated Interim Statements of Cash Flows

(Unaudited - Expressed in Canadian dollars)

		Three Months Ende	d March 31,
	Note	2021	2020
		\$	\$
OPERATING ACTIVITIES			
Loss for the period		(850,057)	(871,276)
Add items not affecting cash:			
Depreciation	7	36,668	34,746
Bad debt recovery		-	(7,311)
Share-based payments	13	167,563	141,762
Shares for services		-	99,542
Accrued interest expense	9,11,12	283,389	332,514
Deferred tax recovery		(6,981)	(208,204)
Changes in non-cash working capital items:			
Receivables		(187,352)	25,936
Prepaid expenses		32,531	12,730
Inventory		(66,474)	(32,506)
Accounts payable and accrued liabilities		125,207	(213,685)
Deferred revenue		125,841	184,740
Cash used in operating activities		(339,665)	(501,012)
INVESTING ACTIVITY Purchase of property and equipment		(9,815)	-
Cash used in investing activity		(9,815)	-
FINANCING ACTIVITIES			
Proceeds on exercise of stock options	13	33,875	-
Proceeds on exercise of warrants	13	1,209,821	-
Proceeds on exercise of debenture warrants	11	83,000	-
Proceeds on private placement, net of costs	13	426,442	156,000
Proceeds on convertible debentures, net of costs	11	-	1,925,237
Repayment of convertible debenture	11	(5,795)	(19,660)
Repayment of loans payable	9	-	(428,400)
Payment of lease liabilities	12	(39,029)	(39,029)
Cash provided by financing activities		1,708,314	1,594,148
Increase in cash		1,358,834	1,093,136
Cash, beginning of period		3,101,267	109,510
Cash, end of the period		4,460,101	1,202,646

Supplemental disclosure with respect to cash flow (Note 17)

The accompanying notes are an integral part of these condensed consolidated interim financial statements.

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

1. NATURE OF OPERATIONS AND GOING CONCERN

SHARC International Systems Inc. (the "**Company**" or "**SHARC Energy**") was incorporated under the *Business Corporations Act* (British Columbia) on February 4, 2011. The Company's shares are listed on the Canadian Securities Exchange (the "**CSE**") under the trading symbol "**SHRC**", Frankfurt Stock Exchange (the "**FSE**") under the trading symbol "**IWIA**" and the OTC under the symbol "**INTWF**". The Company is engaged in providing wastewater heat exchange expertise and products that service commercial, industrial, public utilities and residential development projects objectives of reducing their carbon footprint while saving on energy costs. The Company's registered and records office is located at 1443 Spitfire Place, Port Coquitlam, British Columbia, Canada, V3C 6L4.

These condensed consolidated interim financial statements (the "**Financial Statements**") have been prepared under the assumption that the Company will continue as a going concern. The going concern basis of presentation assumes that the Company will be able to meet its obligations and continue its operations for the and be able to realize its assets and discharge its liabilities and commitments in the normal course of business. Realization values may be substantially different from the carrying values as shown, and these Financial Statements do not give effect to adjustments that would be necessary to the carrying values and classifications of assets and liabilities should the Company be unable to continue as a going concern. As at March 31, 2021, the Company has an accumulated deficit of \$26,389,442 and positive working capital of \$4,180,322. The Company will continue to pursue opportunities to raise additional capital through equity markets and/or debt to fund its operating activities. Management anticipates it has sufficient working capital to maintain its activies for the subsequent 12 months. These Financial Statements do not reflect the adjustments to the carrying values of assets and liabilities and the reported expenses and statement of financial position that would be necessary if the going concern assumption were inappropriate, and these adjustments could be material.

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

2. BASIS OF PRESENTATION

[a] Statement of compliance

These Financial Statements have been prepared in accordance with International Accounting Standard ("IAS") 34 "Interim Financial Reporting". They do not include all of the information required for full annual financial statements and should be read in conjunction with the Company's audited annual financial statements for the fiscal year ended December 31, 2020, which have been prepared with International Financial Reporting Standards ("IFRS"). These Financial Statements were approved by the Company's Board of Directors on May 28, 2021.

[b] Basis of measurement and consolidation

These Financial Statements have been prepared on a historical cost basis, except for certain financial assets and financial liabilities measured at fair value.

These Financial Statements include the accounts of the Company's subsidiaries:

		March 31, 2021 Ownership	December 31, 2020 Ownership
Company	Location	%	%
SHARC Energy Systems Inc. ("SES")	Canada	100	100
SHARC Energy Systems Australasia Pty Ltd. ("SHARC Australasia") ⁽¹⁾	Australia	80	80
2336882 Ontario Inc. ⁽¹⁾	Canada	100	100

(1)The subsidiary was inactive.

The Company includes assets, liabilities and operations of subsidiaries from the date of acquisition to the date of disposal.

All significant intercompany transactions, balances and unrealized gains and losses from intercompany transactions are eliminated on consolidation.

Certain comparative period balances have been reclassified for comparative purposes.

[c] Presentation currency

These Financial Statements are presented in Canadian dollars, which is the functional and presentationa currency of the Company and its subsidiaries.

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

2. BASIS OF PRESENTATION (CONTINUED)

[d] Significant accounting estimates and judgments

The preparation of these Financial Statements requires management to make certain estimates, judgments and assumptions that affect the reported amounts of assets and liabilities at the date of the Financial Statements and reported amounts of expenses during the reporting period. Actual outcomes could differ from these estimates. These Financial Statements include estimates which, by their nature, are uncertain. The impacts of such estimates are pervasive throughout the Financial Statements, and may require accounting adjustments based on future occurrences. Revisions to accounting estimates are recognized in the period in which the estimate is revised and future periods if the revision affects both current and future periods. These estimates are based on historical experience, current and future economic conditions and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

The Company reviews its estimates and underlying assumptions on an ongoing basis.

Critical Judgments

The following are critical judgments that management has made in the process of applying accounting policies and that have the most significant effect on the amounts recognized in the Financial Statements:

- i. Research costs are recognized as an expense when incurred but development costs may be capitalized as intangible assets if certain conditions are met as described in IAS 38, *Intangible Assets*. Management has determined that development costs do not meet the conditions for capitalization under IAS 38 and all research and development costs have been expensed.
- ii. The Company recognizes the deferred tax benefit related to deferred income and resource tax assets to the extent recovery is probable. Assessing the recoverability of deferred tax assets requires management to make significant estimates of future taxable profit. In addition, future changes in tax laws could limit the ability of the Company to obtain tax deductions from deferred income and resource tax assets.
- iii. In March 2020, the World Health Organization declared coronavirus COVID-19 a global pandemic. This contagious disease outbreak, which has continued to spread, and any related adverse public health developments, has adversely affected workforces, economies and financial markets globally, potentially leading to an economic downturn. It is not possible for the Company to predict the duration or magnitude of the adverse results of the outbreak and its effect on the Company's business or ability to raise funds.

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

2. BASIS OF PRESENTATION (CONTINUED)

[d] Significant accounting estimates and judgments (continued)

Estimation Uncertainty

The following are key assumptions concerning the future and other key sources of estimation uncertainty that have a significant risk of resulting in a material adjustment to the carrying amount of assets and liabilities within the next financial year:

- i. Provisions for income taxes are made using the best estimate of the amount expected to be paid based on a qualitative assessment of all relevant factors. The Company reviews the adequacy of these provisions at the end of the reporting period. However, it is possible that at some future date an additional liability could result from audits by taxation authorities. Where the final outcome of these tax-related matters is different from the amounts that were originally recorded, such differences will affect the tax provisions in the period in which such determination is made.
- ii. Warranty provisions are recognized for the future obligations to provide services for the repairs and maintenance of products sold to its customers. The Company assesses its warranty provision based on experience. Actual costs incurred may differ from those amounts estimated.
- iii. The Company estimates the net realizable values of inventories, taking into account the most reliable evidence available at each reporting date. The future realization of these inventories may be affected by future technology or other market drive changes that may reduce future selling prices.
- iv. The Company has service agreements with regards to some of its product sales which requires management to make judgments regarding the timing and allocation of revenue. Specifically, installation is generally not assumed to have standalone value and is often recognized on the same basis as the remainder of the services fees. However, the Company defers the recognition of revenue associated with fees for services agreements or warranty costs that are built in to the original sales price and recognizes the assosciated revenue evenly over the term of the service or warranty is provided.
- v. The equity component of the convertible debenture is calculated using a discounted cash flow method which requires management to make an estimate on an appropriate discount rate.

3. SIGNIFICANT ACCOUNTING POLICIES

These Financial Statements have been prepared on the basis of accounting policies and methods of computation consistent with those applied in the Company's audited annual financial statement for the fiscal year ended December 31, 2020.

For the three months ended March 31, 2021

(Unaudited - Expressed in Canadian dollars)

4. RECEIVABLES

	As at March 31, 2021 \$	As at December 31, 2020 \$
GST recoverable (Canada)	53,746	43,760
Other receivable		426
Interest receivable	859	_
Trade receivables	204,740	27,807
Total	259,345	71,993

5. INVENTORY

	As at March 31, 2021	As at December 31, 2020
Materials and supplies	<u> </u>	<u> </u>
Work-in-progress	553,183	486,709
Finished goods	154,968	154,968
Total	718,445	651,971

6. RESTRICTED CASH

The restricted cash balance of \$25,000 (December 31, 2020 - \$25,000) is comprised of a bank lien on funds held as collateral for the Company's corporate credit card limits.

For the three months ended March 31, 2021

(Unaudited - Expressed in Canadian dollars)

7. PROPERTY AND EQUIPMENT

	Equipment, furniture and fixtures	De mo units	Computer hardware	Lease hold improvements	Right of use asset	Total
	\$	\$	\$	\$	\$	\$
Cost:						
Balance, December 31, 2019	46,080	337,547	27,926	19,025	548,680	979,258
Addition	4,696	-	12,619	4,516	-	21,831
Balance, December 31, 2020	50,776	337,547	40,545	23,541	548,680	1,001,089
Addition	7,464	-	2,351	-	-	9,815
Balance, March 31, 2021	58,240	337,547	42,896	23,541	548,680	1,010,904
Accumulated depreciation:						
Balance, December 31, 2019	32,364	307,548	27,435	19,025	45,280	431,652
Depreciation	3,213	14,893	3741	-	121,074	142,921
Balance, December 31, 2020	35,577	322,441	31,176	19,025	166,354	574,573
Depreciation	947	3,777	1,450	225	30,269	36,668
Balance, March 31, 2021	36,524	326,218	32,626	19,250	196,623	611,241
Net book value:						
As of December 31, 2020	15,199	15,106	9,369	4,516	382,326	426,516
As of March 31, 2021	21,716	11,329	10,270	4,291	352,057	399,663

For the three months ended March 31, 2021

(Unaudited - Expressed in Canadian dollars)

8. RELATED PARTY DISCLOSURE

Transactions with related parties

Key management personnel are those persons having authority and responsibility for planning, directing and controlling the activities of the Company, directly or indirectly. Key management personnel include officers and directors.

The Company incurred the following charges with key management personnel:

	Three months Ended March 31, 2021	Three months Ended March 31, 2020
	\$	\$
Consulting fees ^[i]	33,000	69,500
Wages and benefits ^[ii]	86,000	98,733
Share-based payments [iii]	134,859	92,122
	253,859	260,355

- [i] The Company paid consulting fees to companies controlled by the Chief Financial Officer, the former Chief Operating Officer and former Senior Vice President of Finance.
- [ii] The Company paid wages and benefits to the Chief Executive Officer and Director, a Director, the Chief Operating Officer and former Senior Vice President of Finance.
- Share-based payments was recognized in connection with the vesting of options granted to directors and officers of the Company in the amount of \$134,859 (March 31, 2020 \$97,420). Furthermore, options were terminated and cancelled during the period which resulted in reversal of \$Nil (March 31, 2020 \$5,298).

Included in accounts payable is \$135 (December 31, 2020 – \$Nil) due to related parties.

Other transactions

On February 11, 2020, the Company issued 5,027,600 units at a price of \$0.065 for the settlement of debt of \$326,794 owed to companies controlled by the Chief Financial Officer and a Director. (Note 13).

For the three months ended March 31, 2021

(Unaudited - Expressed in Canadian dollars)

9. LOANS PAYABLE

- [i] In December 2018, the Company received a \$490,000 loan from a third-party lender. The loan is guaranteed by the CEO, bears interest at 6% and was repayable on March 13, 2019. In the event of a default on repayment, the interest rate rises to 9%. The balance of the loan as at December 31, 2019 is \$260,570. The loan was repaid in full during the three months ended March 31, 2020.
- [ii] In April 2019, the Company received a \$150,000 loan from a third-party lender. The loan is guaranteed by the CEO, bears interest at 12% and is repayable on July 24, 2019. The balance of the loan as at December 31, 2019 is \$162,378, including accrued interest of \$12,378. The loan was repaid during the three months ended March 31, 2020.
- [iii] During the year ended December 31, 2020, the Company received \$60,000 in connection with the Canada Emergency Business Account Program from the Government of Canada. The loan is interest free until December 31, 2022. If \$40,000 of the loan is repaid by December 31, 2022, the remaining \$20,000 of the loan will be forgiven. If the loan cannot be repaid before the initial term of December 31, 2022, the loan will be extended automatically for a term of three years and interest will be payable at 5.0% annually, with no principal payments until December 31, 2025.

	As at March 31, 2021	As at December 31, 2020
Balance, beginning of year	<u> </u>	<u>\$</u> 422,948
Proceeds from loans		60,000
Repayment of loans	_	(428,400)
Interest expense		5,452
Foreign exchange		_
Balance, end of period	60,000	60,000

10. DEFERRED REVENUE

Deferred revenue relates to on-going projects and service agreements at period end. Revenue will be recognized on completion and sale of projects and over the length of term for the service agreements.

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

11. CONVERTIBLE DEBENTURES

[i] On May 30, 2017 and June 29, 2017, the Company issued two tranches of unsecured convertible debenture units with total principal amounts of \$1,320,000 and \$1,023,000, respectively. The debentures mature on May 30, 2020 and June 29, 2020, respectively, and bear interest at an annual rate of 12% due semi-annually. The debentures are convertible, in whole or in part, at the option of the holder at any time prior to the maturity date into common shares of the Company at a conversion price of \$1.05 per common share.

Each debenture unit consisted of one \$1,000 principal amount senior unsecured convertible debenture and 714 share purchase warrants, each exercisable into one common share of the Company at \$1.05 per share three years from issuance.

The Company may abridge the exercise period of the warrants at any time after the date that is four months after the closing date, by providing written notice to the warrant holders within 30 days, in the event that the volume weighted average closing price of the Company's common shares is greater than \$2.10 per common share for twenty consecutive trading days. The warrants will, unless exercised, expire on the 30th day after the Company provides such written notice to the warrant holders.

Total finders' fees of \$157,010 in cash and 110,900 finders' warrants valued at \$35,815 were incurred on the issuances. Each finders' warrant is exercisable into one common share of the Company at \$1.40 per share two years from issuance. The fair value of \$35,815 was assigned to the 110,900 finders' warrants using the Black-Scholes valuation model with the following weighted average assumptions: expected dividend yield of 0%, expected volatility of 102.68% which is based on historical volatility, risk-free rate of return of 0.85% and an expected maturity of 2 years.

The convertible debentures are compound financial instruments with the equity component being the residual value after accounting for the debt component. The Company valued the debt component of the debentures by calculating the present value of the principal and interest payments, discounted at a rate of 20%, being management's best estimate of the rate that a non-convertible debenture with similar terms would bear. The equity component consists of the warrants and the equity conversion feature. The values attributed to each was based on the relative fair value approach.

On initial recognition, the liability components were \$1,962,798 (\$1,801,419 net of transaction costs), the warrants were \$190,101 (\$125,042 net of transaction costs and tax effect) and the residual equity components were \$190,101 (\$125,042 net of transaction costs and tax effect).

On May 29, 2020, the Company settled with all holders ("**Debentureholders**") of the Company's 12% unsecured, convertible debentures which were set to mature on May 30, 2020 and June 29, 2020 (the "**Maturing Debentures**").

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

11. CONVERTIBLE DEBENTURES (CONTINUED)

The Debentureholders have entered into settlement agreements with the Company (the "Settlement Agreements") for the remaining principal of \$2,343,000 pursuant to which the Debentureholders accepted 75% cash payout of the outstanding principal amount of the Maturing Debentures, the payout of any accrued and unpaid interest up to the date of maturity and the amendment of 1,673,571 common share purchase warrants (the "Warrants") in consideration for the cancellation of the Maturing Debentures and a release of the Company's obligations under the Maturing Debentures. The expiry date of the Warrants will be extended by two years from May 30, 2020 and June 29, 2020 to May 30, 2022 and June 29, 2022, respectively, and the exercise price of the Warrants are repriced to \$0.25 from \$1.05 (collectively, the "Warrant Amendments").

Pursuant to the Settlement Agreements, the Company recognized a forgiveness of debt of \$585,750. The fair value of the Warrants Amendment was \$194,074 estimated by using the Black-Scholes valuation model with the following assumptions: expected dividend yield of 0%, expected volatility of 123.44% which is based on historical volatility, risk-free rate of return of 0.26% and an expected maturity of 2 years. These have been recorded as a gain on debt settlement and revaluation of warrants on debt settlement in the statement of loss and comprehensive loss.

Accretion charges, included in interest and financing expense, attributable to the debentures for the three months ended March 31, 2020 was \$125,223, of which \$69,327 relates to accrued interest.

[ii] On March 8, 2019, May 9, 2019 and June 28, 2019, the Company issued three tranches of unsecured convertible debenture units with total principal amounts of \$810,000, \$1,330,000 and \$550,000 respectively. The debentures mature on March 8, 2022, May 9, 2022 and June 28, 2022, respectively, and bear interest at an annual rate of 8% due semi-annually. The debentures are convertible, in whole or in part, at the option of the holder at any time after the first anniversary of the date of issuance and prior to the maturity date into common shares of the Company at a conversion price of \$0.32 per common share.

Each debenture unit consisted of one \$1,000 principal amount unsecured convertible debenture and 1,563 share purchase warrants, each exercisable into one common share of the Company at \$0.40 per share three years from issuance.

If at any time after the first year anniversary of the closing date the closing price of the common shares of the Company is \$0.64 or greater for 20 consecutive trading days, the Company may, at its option, convert the debenture and any accrued and unpaid interest thereon into common shares by disseminating a press release, in which case the debentures shall be converted into common shares on the second business day after dissemination of such press release. The warrants will not be subject to acceleration.

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

11. CONVERTIBLE DEBENTURES (CONTINUED)

Total finders' fee of \$161,400 in cash and 162 debenture warrants, with a nominal value, were incurred on the issuances. Each debenture warrant is exercisable into one debenture unit of the Company at \$1,000 per unit three years from issuance under the same terms as the units in the placement. The Company incurred legal, regulatory and other share issuance costs of \$238,117.

The convertible debentures are compound financial instruments with the equity component being the residual value after accounting for the debt component. The Company valued the debt component of the debentures by calculating the present value of the principal and interest payments, discounted at a rate of 20%, being management's best estimate of the rate that a non-convertible debenture with similar terms would bear. The equity component consists of the warrants and the equity conversion feature. The values attributed to each was based on the relative fair value approach.

On initial recognition, the liability components were \$2,022,861 (\$1,722,363 net of transaction costs), the warrants were \$333,569 (\$193,996 net of transaction costs and tax effect) and the residual equity components were \$333,569 (\$193,996 net of transaction costs and tax effect).

Accretion charges, included in interest and financing expense on the statement of loss and comprehensive loss, attributable to the debentures for the three months ended March 31, 2021 was \$111,169, of which \$42,047 (March 31, 2020 - \$117,993, of which \$53,800) relates to accrued interest.

During the three months ended March 31, 2021, \$588,000 of principal amount was converted into 1,837,500 common shares. Upon conversion, the present value of the liability of \$493,378 and the residual equity reserve value of \$44,627 was transferred to share capital.

During the year ended December 31, 2020, \$232,000 of principal amount was converted into 725,000 common shares. Upon conversion, the present value of the liability of \$187,814 and the residual equity reserve value of \$18,791 was transferred to share capital.

[iii] On December 20, 2019, the Company issued unsecured convertible debenture units with total principal amount of \$1,030,000. The debenture matures on December 20, 2022, and bears interest at an annual rate of 8% due semi-annually. The debenture is convertible, in whole or in part, at the option of the holder at any time after the first anniversary of the date of issuance and prior to the maturity date into common shares of the Company at a conversion price of \$0.10 per common share. Each debenture unit consisted of one \$1,000 principal amount unsecured convertible debenture

If at any time after May 21, 2020 the closing price of the common shares of the Company is \$0.40 or greater for 20 consecutive trading days, the Company may, at its option, convert the debenture and any accrued and unpaid interest thereon into common shares by disseminating a press release, in which case the debentures shall be converted into common shares on the second business day after dissemination of such press release.

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

11. CONVERTIBLE DEBENTURES (CONTINUED)

Total finders' fee of \$30,000 in cash and 30 debenture warrants, with a nominal value, were incurred on the issuance. Each debenture warrant is exercisable into one debenture unit of the Company at \$1,000 per unit three years from issuance under the same terms as this units in this placement. The Company incurred legal, regulatory and other share issuance costs of \$761.

The convertible debenture is a compound financial instrument with the equity component being the residual value after accounting for the debt component. The Company valued the debt component of the debenture by calculating the present value of the principal and interest payments, discounted at a rate of 20%, being management's best estimate of the rate that a non-convertible debenture with similar terms would bear. The equity component consists of the warrants and the equity conversion feature. The values attributed to each was based on the relative fair value approach.

On initial recognition, the liability component was \$774,544 (\$751,412 net of transaction costs), and the residual equity components were \$255,456 (\$178,853 net of transaction costs and tax effect).

Accretion charges, included in interest and financing expense on the statement of loss and comprehensive loss, attributable to the debentures for the three months ended March 31, 2021 was \$Nil of which \$Nil (March 31, 2020 - \$37,659, of which \$22,889) relates to accrued interest.

During the year ended December 31, 2020, \$1,030,000 of principal amount was converted into 10,300,000 common shares. Upon conversion, the present value of the liability of \$791,044 and the residual equity reserve value of \$178,854 was transferred to share capital.

[iv] On February 13 and February 24, 2020, the Company issued unsecured convertible debenture units with total principal amounts of \$1,764,000 and \$276,000 respectively. The debentures mature on February 13 and February 24, 2023, respectively, and bear interest at an annual rate of 2% due semi-annually. The debentures are convertible, in whole or in part, at the option of the holder at any time after the first anniversary of the date of issuance and prior to the maturity date into common shares of the Company at a conversion price of \$0.10 per common share.

Each debenture unit consisted of one \$1,000 principal amount unsecured convertible debenture and 5,000 share purchase warrants, each exercisable into one common share of the Company at \$0.20 per share three years from issuance.

Total finders' fee of \$102,000 in cash and 203 debenture warrants were incurred on the issuances. Each debenture warrant is exercisable into one debenture unit of the Company at \$1,000 per unit three years from issuance under the same terms as this units in the placement. The Company incurred legal, regulatory and other share issuance costs of \$12,763.

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

11. CONVERTIBLE DEBENTURES (CONTINUED)

The convertible debenture is a compound financial instrument with the equity component being the residual value after accounting for the debt component. The Company valued the debt component of the debenture by calculating the present value of the principal and interest payments, discounted at a rate of 20%, being management's best estimate of the rate that a non-convertible debenture with similar terms would bear. The equity component consists of the warrants and the equity conversion feature. The values attributed to each was based on the relative fair value approach.

On initial recognition, the liability component was \$1,268,870 (\$1,197,488 net of transaction costs), the warrants were \$385,564 (\$259,772 net of transaction costs and tax effect) and the residual equity components were \$385,564 (\$259,772 net of transaction costs and tax effect).

Accretion charges, included in interest and financing expense on the statement of loss and comprehensive loss, attributable to the debenture for the three months ended March 31, 2021 was \$70,187, of which \$9,592 (March 31, 2020 - \$31,465, of which \$5,158)relates to accrued interest.

During the three months ended March 31, 2021, \$364,500 of principal amount was converted into 3,645,000 common shares. Upon conversion, the present value of the liability of \$257,009 and the residual equity reserve value of \$116,643 was transferred to share capital.

During the three months ended March 31, 2021, 83 debenture warrants issued under this financing were exercised for proceeds of \$83,000. On initial recognition, the liability component was \$57,146, the warrants were \$12,397 (\$9,050 net of transaction costs and tax effect) and the residual equity components were \$13,457 (\$9,822 net of transaction costs and tax effect). The \$83,000 principal was immediately converted into 830,000 common shares (Note 13). Upon conversion, the liability and equity components were transferred to share capital.

[v] On May 29, 2020 and June 12, 2020, the Company issued unsecured convertible debenture units with total principal amounts of \$2,000,000 and \$700,000 respectively. The debentures mature on May 29 and June 12, 2023, respectively, and bear interest at an annual rate of 2% due semi-annually. The debentures are convertible, in whole or in part, at the option of the holder at any time after the first anniversary of the date of issuance and prior to the maturity date into common shares of the Company at a conversion price of \$0.15 per common share.

Each debenture unit consisted of one \$1,000 principal amount unsecured convertible debenture and 3,333 share purchase warrants, each exercisable into one common share of the Company at \$0.25 per share three years from issuance.

Total finders' fee of \$134,475 in cash and 269 debenture warrants, with a nominal value, were incurred on the issuances. Each debenture warrant is exercisable into one debenture unit of the Company at \$1,000 per unit three years from issuance under the same terms as the units in the placement.

For the three months ended March 31, 2021

(Unaudited - Expressed in Canadian dollars)

11. CONVERTIBLE DEBENTURES (CONTINUED)

The convertible debenture is a compound financial instrument with the equity component being the residual value after accounting for the debt component. The Company valued the debt component of the debenture by calculating the present value of the principal and interest payments, discounted at a rate of 20%, being management's best estimate of the rate that a non-convertible debenture with similar terms would bear. The equity component consists of the warrants and the equity conversion feature. The values attributed to each was based on the relative fair value approach.

On initial recognition, the liability component was \$1,679,650 (\$1,595,994 net of transaction costs), the warrants were \$510,175 (\$347,018 net of transaction costs and tax effect) and the residual equity components were \$510,175 (\$347,018 net of transaction costs and tax effect).

Accretion charges, included in interest and financing expense on the statement of loss and comprehensive loss, attributable to the debenture for the period ended March 31, 2021 was \$90,392 of which \$13,500 relates to accrued interest.

Convertible debenture transactions and the amount of convertible debentures outstanding are summarized below:

	Note 11	Note 11	Note 11	Note 11	Note 11	Total
	i	ii	iii	iv	V	
	\$	\$	\$	\$	\$	\$
Cost:						
Balance, December 31, 2019	2,238,333	1,884,243	755,937	-	-	4,878,513
Principal	-	-	-	2,040,000	2,700,000	4,740,000
Equity component	-	-	-	(363,874)	(484,765)	(848,639)
Warrant component	-	-	-	(363,874)	(484,765)	(848,639)
Transaction costs	-	-	-	(114,763)	(134,475)	(249,238)
Accretion expense	230,304	489,102	79,674	231,527	196,158	1,226,765
Interest payment	(125,637)	(204,863)	(44,567)	(35,758)	(31,144)	(441,969)
Principal payment	(1,757,250)	-	-	-	-	(1,757,250)
Gain on settlement of debt	(585,750)	-	-	-	-	(585,750)
Conversion of debt	-	(187,814)	(791,044)	-	-	(978,858)
Balance, December 31, 2020	-	1,980,668	-	1,393,258	1,761,009	5,134,935
Principal	-	-	-	83,000	-	83,000
Equity component	-	-	-	(13,458)	-	(13,458)
Warrant component	-	-	-	(12,397)	-	(12,397)
Accretion expense	-	111,169	-	70,187	90,392	271,748
Interest payment	-	(4,579)	-	(1,216)	-	(5,795)
Conversion of debt	-	(493,378)	-	(314,155)	-	(807,533)
Balance, March 31, 2021	_	1,593,880	-	1,205,219	1,851,401	4,650,500

Of the total convertible debentures payable, the current amount is \$758,053 (December 31, 2020 - \$291,440).

For the three months ended March 31, 2021

(Unaudited - Expressed in Canadian dollars)

11. CONVERTIBLE DEBENTURES (CONTINUED)

Debenture warrant transactions and the number of debenture warrants outstanding are summarized below:

	Number	Weighted Average Exercise Price \$
Balance, December 31, 2019	192	1,000
Issued	472	1,000
Balance, December 31, 2020	664	1,000
Exercised	(83)	1,000
Balance, March 31, 2021	581	1,000

Date of Expiry	Exercise Price \$	Number of Warrants Outstanding
March 8, 2022	1,000	49
May 9, 2022	1,000	80
June 28, 2022	1,000	33
December 20, 2022*	1,000	30
February 13, 2023**	1,000	93
February 24, 2023	1,000	27
May 29, 2023	1,000	200
June 12, 2023	1,000	69
Balance, March 31, 2021	1,000	581

* Subsequent to March 31, 2021, 15 warrants were exercised (Note 19)

**Subsequent to March 31, 2021, 8 warrants were exercised (Note 19)

Payments required over the next five years are as follows:

	March 8, 2022	May 9, 2022	June 28, 2022	Feb. 13, 2023	Feb.24, 2023	May 29, 2023	June 12, 2023	Total
	\$	\$	\$	\$	\$	\$	\$	\$
2021	56,789	48,880	44,000	30,434	3,073	40,000	14,000	237,176
2022	720,729	626,538	571,269	30,430	3,080	40,000	14,000	2,006,046
2023	-	-	-	1,525,714	154,828	2,016,556	706,300	4,403,398
2024	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-
	777,518	675,418	615,269	1,586,578	160,981	2,096,556	734,300	6,646,620

For the three months ended March 31, 2021

(Unaudited - Expressed in Canadian dollars)

12. LEASE LIABILITIES

Lease liabilities

The Company leases vehicles and office space in Canada. The lease liabilities were measured at the present value of the remaining lease payments as of January 1, 2019, discounted using an incremental borrowing rate at that date of 12%. The Company recorded a ROU asset of the same amount (Note 7).

	As at March 31, 2021 \$	As at December 31, 2020 \$
Balance, beginning of period	410,071	511,807
Additions	—	_
Interest	11,640	54,381
Derecognition		_
Lease payments	(39,029)	(156,117)
Balance, end of period	382,682	410,071
Less: non-current portion	(278,120)	(304,650)
	104,562	105,421

Undiscounted lease payments	
Not later than one year	143,315
Later than one year and not later than 5 years	319,779
March 31, 2020	463,093

The Company elected not to apply the new lease standard to short term leases with an initial term of 12 months or less but rather to recognise the lease expense on a straight line basis. For the three months ended March 31, 2021, \$12,000 of variable lease payments (March 31, 2020 - \$12,000) were included in rent expense on the statement of loss and comprehensive loss.

13. SHARE CAPITAL

[a] Authorized Share Capital

The authorized share capital consisted of unlimited number of common shares. The common shares do not have a par value. All issued shares are fully paid.

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

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13. SHARE CAPITAL (CONTINUED)

[b] Common shares

The Company had the following share capital transactions during the year ended December 31, 2020:

- [i] On January 13, 2020, the Company issued 1,093,750 common shares pursuant to a consulting agreement. The valuation was based on the fair value of the shares issued.
- [ii] On February 11, 2020, the Company issued 10,000,000 units at a price of \$0.065 for cash proceeds of \$156,000 and the settlement of debt of \$494,000 owed to officers, directors and consultants (the "Financing"). Debt settlement of officers and directors of the Company account for \$326,794 of the total settlments (Note 8).

Each unit consists of one common share and one common share purchase warrant. Each common share purchase warrant is exercisable into one common share at a price of \$0.10 for a period of two years from closing. In the event that the Company's shares trade above \$0.25 for a period of 10 consecutive trading days at any time after June 12, 2020, the Company may accelerate the expiry date of the warrants by giving notice to the holders thereof and in such case, the warrants will expire on the 30th day after the date of giving such notice.

On March 5, 2020, related parties and consultants agreed to amend the exercise price of 7,027,596 out of 10,000,000 common share purchase warrants originally granted in the Financing to \$0.25 from \$0.10.

- [iii] On February 17, 2020 the Company issued 550,000 common shares in connection with the termination of the former Chief Operating Officer and an employee. The valuation was based on the fair value of the shares issued.
- [iv] On March 16, 2020 the Company issued 180,558 common shares pursuant to an employment agreement. The valuation was based on the fair value of the shares issued.
- [v] On May 7, 2020, the Company issued 45,455 common shares valued at \$6,818 to settle an outstanding debt of \$8,925. As a result, the Company recognized a gain on debt settlement of \$2,107.
- [vi] On June 24, 2020, the Company issued 544,627 common shares valued at \$103,479 pursuant to a consulting agreement.
- [vii] On December 19, 2020, the Company issued 10,001,000 common shares pursuant to a nonbrokered private placement at a price of \$0.30 per common share for gross proceeds of \$3,000,300. Total finders' fee of \$150,015 in cash and 1,000,100 compensation warrants were incurred on the issuances. Each compensation warrant is exercisable into one common share of the Company at \$0.45 per common share for a period of two years from issuance. The Company incurred legal, regulatory and other share issuance costs of \$426.

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

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13. SHARE CAPITAL (CONTINUED)

[b] Common shares (continued)

- [viii] During the year ended December 31, 2020, the Company issued 11,025,000 common shares pursuant to the conversion of \$1,262,000 of convertible debt. The fair value of the convertible debt liability at the time of conversion is \$978,857 and the convertible debt equity portion is \$197,645 for a total value of \$1,176,502 transferred to share capital (Note 11[ii] and [iii]).
- [iv] During the year ended December 31, 2020, the Company issued 295,000 common shares pursuant to the exercise of stock options for aggregate gross proceeds of \$29,750. The fair value of the options of \$23,983 was transferred from reserves to share capital.
- [x] During the year ended December 31, 2020, the Company issued 5,793,832 common shares pursuant to the exercise of warrants for aggregate gross proceeds of \$865,097. The fair value of the warrants of \$78,421 was transferred from reserves to share capital.

The Company had the following share capital transactions during the three months ended March 31, 2021:

- [i] On January 26, 2021, the Company issued 1,500,000 common shares at a price of \$0.30 for gross proceeds of \$450,000 pursuant to a non-brokered private placement. Total finders' fees of \$22,500 in cash and 150,000 compensation warrants were incurred in the issuance. Each compensation warrant is exercisable into one common share of the Company at \$0.45 per common share for a period of two years following the date of the issuance. The Company incurred legal, regulatory and other share issuance costs of \$1,058.
- [ii] During the three months ended March 31, 2021, the Company issued 365,000 common shares pursuant to the exercise of stock options for aggregate gross proceeds of \$33,875. The fair value of the options of \$36,099 was transferred from reserves to share capital.
- [iii] During the three months ended March 31, 2021, the Company issued 3,896,428 common shares pursuant to the exercise of warrants for aggregate gross proceeds of \$1,209,821. The fair value of the warrants of \$672,710 was transferred from reserves to share capital.
- [iv] During the three months ended March 31, 2021, the Company issued 5,482,500 common shares pursuant to the conversion of \$952,500 of convertible debt. The fair value of the convertible debt liability at the time of conversion is \$750,387 and the convertible debt equity portion is \$91,028 for a total value of \$841,415 transferred to share capital (Note 11).
- [v] During the three months ended March 31, 2021, 83 debenture warrants were exercised for total proceeds of \$83,000. Upon issuance, the debentures were immediately converted into 830,000 common shares (Note 11).

For the three months ended March 31, 2021

(Unaudited - Expressed in Canadian dollars)

13. SHARE CAPITAL (CONTINUED)

[c] Common share purchase warrants

Common share purchase warrant transactions and the number of common share purchase warrants outstanding are summarized below:

	Number	Weighted Average \$
Balance, December 31, 2019	20,437,472	0.50
Issued	30,199,194	0.22
Exercised	(5,793,832)	(0.15)
Expired	(10,145,145)	(0.60)
Balance, December 31, 2020	34,697,689	0.29
Issued	565,000	0.27
Exercised	(3,896,428)	(0.31)
Balance, March 31, 2021	31,366,261	0.29

Date of Expiry	Exercise Price \$	Number of Warrants Outstanding
November 22, 2021	0.35	1,157,143
February 11, 2022	0.25	7,027,596
March 8, 2022	0.40	1,266,030
May 3, 2022	0.40	2,078,790
May 30, 2022	0.25	103,572
June 28, 2022	0.40	859,650
June 29, 2022	0.25	659,286
December 18, 2022	0.45	1,000,100
December 23, 2022	1.00	700,000
January 26, 2023	0.45	150,000
February 13, 2023	0.20	6,085,000
February 24, 2023	0.20	1,380,000
May 29, 2023	0.25	6,565,997
June 12, 2023	0.25	2,333,097
Balance, March 31, 2021		31,366,261

For the three months ended March 31, 2021

(Unaudited - Expressed in Canadian dollars)

13. SHARE CAPITAL (CONTINUED)

[d] Stock options

During the three months ended March 31, 2021, the Company recorded share-based payments of \$167,563 (March 31, 2020 - \$141,762). The fair values of share options granted during the three months ended March 31, 2021 and 2020 are estimated using the Black-Scholes option pricing model with the following weighted-average assumptions:

	2021	2020
Risk-free interest rate	Nil	1.42%
Estimated annualized volatility	Nil	114.79%
Expected life	Nil	5.0 years
Expected dividend yield	Nil	0%
Exercise price	Nil	\$0.09
Fair value per option	Nil	\$0.0736
Share price	Nil	\$0.09

Stock option transactions and the number of stock options outstanding are summarized below:

	Number	Weighted Average Exercise Price \$
Balance, December 31, 2019	608,000	0.28
Issued	6,325,000	0.16
Exercised	(295,000)	(0.10)
Expired	(100,000)	(0.26)
Balance, December 31, 2020	6,538,000	0.17
Issued	_	_
Exercised	(365,000)	(0.09)
Balance, March 31, 2021	6,173,000	0.17

	Exercise Price	Number of Options	Number of Options
Date of Expiry	\$	Outstanding	Exercisable
July 12, 2021	1.05	100,000	100,000
October 29, 2024	0.09	333,000	333,000
January 19, 2025	0.075	2,515,000	2,515,000
February 26, 2025	0.125	950,000	950,000
March 16, 2025	0.105	350,000	350,000
July 15, 2025	0.25	700,000	—
December 20, 2025	0.345	1,225,000	200,000
Balance, March 31, 2021	0.17	6,173,000	4,448,000

As of March 31, 2021, the weighted average remaining life for outstanding options was 4.00 years (December 31, 2020 - 4.24 years).

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

13. SHARE CAPITAL (CONTINUED)

[e] Restricted Share Units ("RSU")

On August 7, 2020, the Company adopted an RSU plan for directors, officers, employees and consultants of the Company. Under the terms of the plan, each vested RSU awarded entitles the RSU holder to receive, subject to adjustment as provided for in the RSU Plan, either one common share in the Company or, at the Company's option, an equivalent cash payment. The maximum number of RSUs granted should not exceed 10% of the issued shares of the Company aggregated with all other security-based compensation arrangements. The Company did not grant any RSU's for the period ended March 31, 2021.

14. COMMITMENTS AND CONTINGENCIES

[a]Parent Company Guarantee to Scottish Water Horizon Ltd. ("SWH") for the Finance Facility to Bandwidth Energy Ltd. ("Bandwidth")

During the year ended December 31, 2018, the Company entered into a joint arrangement and held a 50% interest in Bandwidth for £10,000 (\$17,357) with the other 50% held by SWH. As the Company held joint control of the arrangement but the legal form of the arrangement and the contractual terms of the arrangement did not give or specify that the parties had rights to the assets, and obligations for the liabilities and therefore, the investment was treated as a joint venture and accounted for as an equity investment.

The Company provided a guarantee to SWH for the finance facility provided to Bandwidth for the execution of certain works, namely the design, installation, testing and commissioning of a new sewage heat recovery system ("**Aqualibrium**") totalling £604,726. The guarantee is limited to 50% of the finance facility provided, excluding any interest accrued per the original loan facility.

On September 17, 2019, the Company agreed to sell its 50% interest in Bandwidth for £10,000 cash to SWH, the other 50% shareholder, and terminated the agreement ("**Termination Agreement**") for Aqualibrium with Bandwidth for £15,000.

[b]Parent Company Guarantee for Bandwidth for Installation and Operations and Maintenance of Aqualibrium

The Company provided certain guarantees over the installation and operations and maintenance of Aqualibrium (the "**Performance Guarantees**"). During the year ended December 31, 2019, on sale of the Company's interest in Bandwith to SWH, the parties entered into a Termination Agreement (Note 14[a]).

For the three months ended March 31, 2021

(Unaudited - Expressed in Canadian dollars)

15. CAPITAL MANAGEMENT

The Company's objective when managing capital is to safeguard the Company's ability to continue as a going concern in order to support the development of its business and maintain the necessary corporate and administration functions to facilitate these activities. The capital of the Company consists of items included in shareholders' deficiency.

The Company manages and adjusts its capital structure when changes to the risk characteristics of the underlying assets or changes in economic conditions occur. To maintain or adjust the capital structure, the Company may attempt to raise new funds.

There were no changes to the Company's approach to capital management during the period. The Company is not subject to externally imposed capital requirements.

16. FINANCIAL INSTRUMENTS AND RISK MANAGEMENT

Fair value

IFRS 13 establishes a fair value hierarchy for financial instruments measured at fair value that reflects the significance of inputs used in making fair value measurements as follows:

Level 1 – quoted prices in active markets for identical assets or liabilities; Level 2 – inputs other than quoted prices included in Level 1 that are observable for the asset or liabilities, either directly (i.e. as prices) or indirectly (i.e. from derived prices); and Level 3 – inputs for the asset or liability that are not based upon observable market data.

The fair value of cash is based on Level 1 inputs. The fair value of the Company's cash, receivables, accounts payable and accrued liabilities and loans payable approximate their carrying values due to the short-term to maturity. The fair value of long-term liabilities are initially recorded at fair value and subsequently carried at amortized cost using rates comparable to market interest rates.

[a] Credit risk

Credit risk is the risk that one party to a financial instrument will cause a financial loss for the other party by failing to discharge an obligation. The Company's cash and receivables are exposed to credit risk. The Company reduces its credit risk on cash by placing these instruments with institutions of high credit worthiness. Receivables are primarily from sales or loans. The Company believes these parties to be of sound creditworthiness, and to date, all receivables have been settled in accordance with agreed upon terms and conditions. As at March 31, 2021 the Company is nominally exposed to credit risk arising from receivables.

[b] Liquidity risk

Liquidity risk is the risk that the Company will encounter difficulty in meeting obligations associated with financial liabilities. The Company manages liquidity risk by maintaining sufficient cash balances to enable settlement of transactions on the due date. The Company addresses its liquidity through debt financing. While the Company has been successful in securing financings in the past, there is no assurance that it will be able to do so in the future. The Company is exposed to liquidity risk.

For the three months ended March 31, 2021 (Unaudited - Expressed in Canadian dollars)

16. FINANCIAL INSTRUMENTS AND RISK MANAGEMENT (CONTINUED)

[c] Market risk

[i] Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. As at March 31, 2021 the Company is not exposed to any significant interest rate risk.

17. SUPPLEMENTAL DISCLOSURE WITH RESPECT TO CASH FLOWS

The following is the non-cash operating, investing and financing activities:

	Three months ended March 31, 2021 \$	Three months ended March 31, 2020 \$
Conversion of convertible debt into common shares	908,388	
Fair value of stock options and warrants exercised	708,808	
Finders' warrants issued as share issuance costs	37,768	
Reversal of share-based payments		5,298
Issuance of convertible debt – equity component	13,456	363,874
Issuance of convertible debt – warrant component	12,397	363,874
Private placement units issued for debt		494,000
Prepaid expenses paid by common shares	—	87,500

18. SEGMENTED INFORMATION

The Company has a single operating segment, the sales and marketing of sewage heat recovery systems. As at March 31, 2021 and December 31, 2020, all of the Company's operations, assets and employees are in Canada.

19. SUBSEQUENT EVENTS

Subsequent to March 31, 2021:

- [a] 153,125 stock options were exercised for gross proceeds of \$16,828.
- [b] 115,000 common share purchase warrants were exercised for gross proceeds of \$38,000.
- [c] 23 debenture units were exercised for total proceeds of \$23,000. Upon exercise, the debentures were immediately converted into 230,000 common shares. Pursuant to the issuance of the debenture units, 40,000 common share purchase warrants were issued.