



Condensed Consolidated Interim Financial Statements

**For the three and nine months ended September 30, 2023 and 2022
(Unaudited - Expressed in Canadian Dollars)**

Northstar Clean Technologies Inc.

Condensed Consolidated Interim Statements of Financial Position

(Unaudited - Expressed in Canadian Dollars)

As at September 30, 2023 and December 31, 2022

| | September 30, 2023 | December 31, 2022 |
|---|-----------------------|----------------------|
| ASSETS | | |
| Current | | |
| Cash | \$ 8,545,043 | \$ 1,114,166 |
| Receivables | 29,003 | - |
| GST receivable | 52,575 | 207,389 |
| Prepays (Note 7) | 112,264 | 98,481 |
| Net investment in sublease (Note 3) | 70,790 | 65,696 |
| | <u>8,809,675</u> | <u>1,485,732</u> |
| Non-Current | | |
| Deposits (Note 3) | 735,792 | 624,091 |
| Deferred costs | 131,250 | - |
| Property, plant and equipment (Note 4) | 3,135,979 | 3,286,540 |
| Intangible assets | 37,262 | 25,686 |
| Net investment in sublease (Note 3) | 12,499 | 66,247 |
| Right-of-use asset (Note 3) | 4,151,335 | 1,340,761 |
| | <u>8,204,117</u> | <u>5,343,325</u> |
| | <u>\$ 17,013,792</u> | <u>\$ 6,829,057</u> |
| LIABILITIES AND SHAREHOLDERS' EQUITY | | |
| Current | | |
| Accounts payable and accrued liabilities (Note 7) | \$ 1,330,917 | \$ 1,238,078 |
| Equity based compensation payable (Note 10) | 76,279 | 23,178 |
| Loans payable (Note 5) | 86,754 | 121,250 |
| Convertible debentures (Note 6 and 7) | 41,208 | 6,000 |
| Lease liability (Note 3) | 641,810 | 516,811 |
| | <u>2,176,968</u> | <u>1,905,317</u> |
| Non-Current | | |
| Loans payable (Note 5) | - | 46,711 |
| Equity based compensation payable (Note 10) | 22,415 | 21,464 |
| Convertible debentures (Note 6 and 7) | 1,473,737 | 928,408 |
| Contract liability (Note 2 and 9) | 2,778,252 | - |
| Lease liability (Note 3) | 3,806,114 | 1,142,650 |
| | <u>10,257,486</u> | <u>4,044,550</u> |
| Shareholders' equity | | |
| Capital stock (Note 8) | 28,137,041 | 25,448,274 |
| Preferred shares (Note 2 and 9) | 5,631,271 | - |
| Reserves (Note 10) | 3,970,220 | 3,534,330 |
| Deficit | (30,982,226) | (26,198,097) |
| | <u>6,756,306</u> | <u>2,784,507</u> |
| | <u>\$ 17,013,792</u> | <u>\$ 6,829,057</u> |

Nature and continuance of operations (Note 1)

Commitments and Contingencies (Note 14)

Subsequent events (Note 15)

On behalf of the Board:

"James Borkowski"

Director

"Aidan G. Mills"

Director

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

Northstar Clean Technologies Inc.

Condensed Consolidated Interim Statements of Loss and Comprehensive Loss

(Unaudited - Expressed in Canadian Dollars)

For the three and six months ended September 30, 2023 and 2022

| | Three Months Ended September 30, 2023 | Three Months Ended September 30, 2022 | Nine Months Ended September 30, 2023 | Nine Months Ended September 30, 2022 |
|---|--|--|---|---|
| REVENUE | | | | |
| Tipping fees | \$ 63,288 | \$ - | \$ 138,961 | \$ - |
| Recycling income | 346 | - | 2,878 | - |
| | 63,634 | - | 141,839 | - |
| RESEARCH AND DEVELOPMENT EXPENSES | | | | |
| Contract consulting fees | 58,430 | 111,002 | 300,166 | 373,461 |
| Repairs and maintenance | 304 | 4,255 | 84,845 | 9,093 |
| Site materials | 115,237 | 331,614 | 362,434 | 627,227 |
| | (173,971) | (446,871) | (747,445) | (1,009,781) |
| GENERAL AND ADMINISTRATIVE EXPENSES | | | | |
| Advertising, marketing and promotion (Note 7) | 70,345 | 91,927 | 208,361 | 507,598 |
| Bank charges, interest and finance charges (Note 3, 5, and 6) | 167,025 | 53,055 | 424,273 | 169,346 |
| Consulting fees (Note 7) | 48,786 | 62,865 | 183,948 | 237,215 |
| Depreciation (Notes 3, 4) | 279,892 | 284,667 | 783,114 | 786,394 |
| Insurance | 29,301 | 28,382 | 82,782 | 99,658 |
| IT and communications | 17,898 | 18,321 | 68,224 | 123,884 |
| Office and administration | 4,142 | 12,583 | 25,964 | 43,851 |
| Operating costs | 27,686 | - | 54,219 | - |
| Professional fees (Note 7) | 116,380 | 69,725 | 386,210 | 413,213 |
| Rent and utilities | 67,158 | 102,616 | 240,538 | 264,495 |
| Share-based compensation (Notes 7 and 10) | 168,853 | 133,794 | 380,305 | 533,313 |
| Transfer agent and regulatory fees | 36,929 | 32,312 | 84,046 | 73,133 |
| Travel | 40,274 | 60,788 | 101,064 | 187,182 |
| Wages and benefits (Note 7) | 418,124 | 479,156 | 1,441,668 | 1,423,875 |
| | (1,492,793) | (1,430,191) | (4,464,716) | (4,863,157) |
| OTHER ITEMS | | | | |
| Foreign exchange gain (loss) | 200,775 | (1,472) | 199,048 | 1,097 |
| Other income | 415 | 2,835 | 25,317 | 12,136 |
| Loss on tax receivable | - | (130,522) | - | (130,522) |
| Interest income | 2,366 | 3,936 | 8,444 | 15,181 |
| | 203,556 | (125,223) | 232,809 | (102,108) |
| Income tax recovery (Note 6) | - | 41,802 | 53,384 | 41,802 |
| Loss and comprehensive loss for the period | \$ (1,399,574) | \$ (1,960,483) | \$ (4,784,129) | \$ (5,933,244) |
| Basic and diluted loss per share | \$ (0.01) | \$ (0.02) | \$ (0.04) | \$ (0.06) |
| Weighted average number of common shares outstanding (basic and diluted) | 126,710,381 | 106,750,903 | 119,117,889 | 106,283,437 |

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

Northstar Clean Technologies Inc.

Condensed Consolidated Interim Statements of Changes in Shareholders' Equity

(Unaudited - Expressed in Canadian Dollars)

| | Number of Common Shares | Number of Preferred Shares | Capital Stock | Preferred Shares | Reserves | Deficit | Total Shareholders' Equity |
|---|-------------------------------|----------------------------------|---------------------|---------------------|---------------------|------------------------|----------------------------------|
| Balance, December 31, 2021 | 106,125,903 | - | \$24,698,274 | - | \$ 2,571,477 | \$ (17,997,161) | \$ 9,272,590 |
| Private placements (Note 8) | 1,250,000 | - | 500,000 | - | - | - | 500,000 |
| Share-based payments (Note 10) | - | - | - | - | 503,243 | - | 503,243 |
| Loss for the period | - | - | - | - | - | (5,933,244) | (5,933,244) |
| Balance, September 30, 2022 | 107,375,903 | - | \$25,198,274 | - | \$ 3,074,720 | \$ (23,930,405) | \$ 4,342,589 |
| Balance, December 31, 2022 | 108,000,903 | - | \$25,448,274 | - | \$ 3,534,330 | \$ (26,198,097) | \$ 2,784,507 |
| Private placement – Common Shares (Note 8) | 18,195,367 | - | 2,729,305 | - | - | - | 2,729,305 |
| Share issue costs (Note 8) | - | - | (133,078) | - | 56,305 | - | (76,773) |
| Private Placement – Preferred Shares (Note 9) | - | 29,244,756 | - | 5,702,727 | - | - | 5,702,727 |
| Share issue costs (Note 9) | - | - | - | (71,456) | - | - | (71,456) |
| PSUs and RSUs settled (Note 10) | 514,111 | - | 92,540 | - | (92,540) | - | - |
| Equity portion of convertible debentures (Note 6) | - | - | - | - | 142,654 | - | 142,654 |
| Broker warrants (Note 6) | - | - | - | - | 3,216 | - | 3,216 |
| Share-based payments (Note 10) | - | - | - | - | 326,255 | - | 326,255 |
| Loss for the period | - | - | - | - | - | (4,784,129) | (4,784,129) |
| Balance, September 30, 2023 | 126,710,381 | 29,244,756 | \$28,137,041 | 5,631,271 | \$ 3,970,220 | \$ (30,982,226) | \$ 6,756,306 |

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

Northstar Clean Technologies Inc.
Condensed Consolidated Interim Statements of Cash Flows
(Unaudited - Expressed in Canadian Dollars)

| | Nine months Ended September 30, 2023 | Nine Months Ended September 30, 2022 |
|--|---|---|
| CASH FLOWS FROM OPERATING ACTIVITIES | | |
| Loss for the period | \$ (4,784,129) | \$ (5,933,244) |
| Items not affecting cash | | |
| Depreciation (Note 3 and 4) | 783,114 | 786,394 |
| Interest and finance charges on loans (Note 5 and 6) | 170,735 | 16,714 |
| Interest on investment in sublease (Note 3) | (8,296) | (12,908) |
| Share-based payments (Note 10) | 380,305 | 533,313 |
| Income tax recovery | (53,384) | - |
| Loss on tax receivable | - | 130,522 |
| Interest on lease liabilities (Note 3) | 143,988 | 146,951 |
| | <u>(3,367,667)</u> | <u>(4,332,258)</u> |
| Changes in non-cash working capital items | | |
| GST receivables | 154,814 | 22,465 |
| Receivables | (29,003) | - |
| Prepays | (13,783) | 124,586 |
| Accounts payable and accrued liabilities | 43,278 | 140,858 |
| Net cash flows used in operating activities | <u>(3,212,361)</u> | <u>(4,044,349)</u> |
| CASH FLOWS FROM INVESTING ACTIVITIES | | |
| Acquisition of property, plant and equipment (Note 4) | (212,017) | (771,876) |
| Acquisitions of intangible assets | (12,110) | - |
| Deposits paid (Note 3) | (111,701) | (15,043) |
| Proceeds from government PPE government grants | - | 100,000 |
| Net cash flows used in investing activities | <u>(335,828)</u> | <u>(686,919)</u> |
| CASH FLOWS FROM FINANCING ACTIVITIES | | |
| Proceeds from issuance of convertible debentures, net of issuance costs (Note 6) | 618,900 | - |
| Proceeds from issuance of common shares, net of issuance costs (Note 8) | 2,652,532 | - |
| Proceeds from issuance of preferred shares, net of issuance costs (Note 9) | 8,409,523 | - |
| Deferred costs paid | (131,250) | - |
| Loan repayments (Note 5) | (91,050) | (61,863) |
| Lease payments paid (Note 3) | (479,589) | (418,825) |
| Subscriptions received (Note 8) | - | 500,000 |
| Net cash flows provided by (used in) financing activities | <u>10,979,066</u> | <u>19,312</u> |
| Change in cash during the period | 7,430,877 | (4,711,956) |
| Cash, beginning of period | 1,114,166 | 5,948,876 |
| Cash, end of period | \$ 8,545,043 | \$ 1,236,920 |
| Cash paid for interest | \$ 154,362 | \$ 17,148 |

Supplemental disclosures with respect to cash flows (Note 11)

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

Northstar Clean Technologies Inc.

Notes to the Condensed Consolidated Interim Financial Statements

(Unaudited - Expressed in Canadian Dollars)

September 30, 2023

1. NATURE AND CONTINUANCE OF OPERATIONS

Nature of operations

Northstar Clean Technologies Inc. (“Northstar” or the “Company”) was incorporated on August 21, 2017 as Blocktech Ventures Inc. under the laws of the British Columbia Corporations Act. On August 4, 2020, the Company entered into an amalgamation agreement and on December 23, 2020, the Company completed an amalgamation with its subsidiary 1257848 BC Ltd. and Empower Environmental Solutions Ltd (“Empower”) (the “Amalgamation”). Upon Amalgamation, the Company acquired all the shares of Empower (41,248,577 shares) by issuing 44,331,147 shares of the Company in exchange. Pursuant to the agreement, following completion of the transaction, Empower shareholders owned approximately 64.92% of the combined company resulting in the shareholders of the Empower controlling the Company. Accordingly, the transaction was considered a reverse takeover transaction (“RTO”). The head office and principal address of the Company is located at 1110-396 11th Ave SW, Calgary, Alberta T2R 0C5 and its current facility is located at 7046 Brown Street, Delta, British Columbia, Canada, V4G 1G8 (the “Empower Pilot Facility”). The Company’s registered and records office is 7046 Brown Street, Delta, British Columbia, Canada, V4G 1G8.

The Company, through its wholly-owned subsidiary Empower Environmental Solutions Ltd., has developed a proprietary design process technology at its Empower Pilot Facility for taking discarded or defective single-use asphalt shingles, otherwise destined for already over-crowded landfills, and extracting the liquid asphalt, aggregate and fiber for usage in new asphalt, shingles, construction products and other industrial applications.

The Company is currently planning to construct and operate a scale up facility in Calgary, Alberta.

Going concern

These condensed consolidated interim financial statements have been prepared on the basis of accounting principles applicable to a going concern, which assume that the Company will be able to continue in operation for the foreseeable future and will be able to realize its assets and discharge its liabilities and commitments in the normal course of business.

The Company incurred a significant operating loss of \$4,784,129 during the nine months ended September 30, 2023 (September 30, 2022 - \$5,933,244). Although the Company has a working capital surplus of \$6,632,707 (December 31, 2022 \$(419,585)) it is currently unable to self-finance operations, has limited resources, no source of operating cash flow, and no assurances that anticipated production and tipping fee revenue will be sufficient to fund operations. As a result, the adverse conditions result in a material uncertainty that may cast significant doubt on the validity of the going concern assumption.

In March 2020 the World Health Organization declared coronavirus COVID-19 a global pandemic. downturn. While many of the restrictions imposed during the COVID-19 pandemic are now being eased globally, the Company’s business may still be impacted through lingering or renewed effects of the pandemic, including through supply chain, financial constraints of its customers and suppliers, increasing costs, and difficulty attracting skilled labor, with a result that it may not be able to build, own and operate its Empower Pilot Facility and/or the Empower Calgary Facility within the anticipated timeframe or on budget. In some cases, such delays may result in liquidated damages, and may adversely affect the Company’s operations. However, it is management’s assumption that the Company will continue to operate as a going concern.

Northstar Clean Technologies Inc.

Notes to the Condensed Consolidated Interim Financial Statements

(Unaudited - Expressed in Canadian Dollars)

September 30, 2023

2. BASIS OF PREPARATION

Statement of compliance

These condensed consolidated interim financial statements are unaudited and have been prepared in accordance with IAS 34 'Interim Financial Reporting' ("IAS 34") using accounting policies consistent with the International Financial Reporting Standards ("IFRS") issued by the International Accounting Standards Board ("IASB") and Interpretations of the International Financial Reporting Interpretations Committee ("IFRIC").

The policies applied in these condensed consolidated interim financial statements are based on IFRS issued and effective as of September 30, 2023. The Board of Directors approved the condensed consolidated interim financial statements for issue on November 28, 2023.

This interim financial report does not include all of the information required of a full annual financial report and is intended to provide users with an update in relation to events and transactions that are significant to an understanding of the changes in financial position and performance of the Company since the end of the last annual reporting period. It is therefore recommended that this financial report be read in conjunction with the annual consolidated financial statements of the Company for the year ended December 31, 2022. However, this interim financial report provides selected significant disclosures that are required in the annual financial statements under IFRS.

Comparative Figures

Certain comparable figures have been reclassified to conform to current period presentation.

Basis of measurement

The condensed consolidated interim financial statements have been prepared on the historical cost basis except for certain financial instruments, which are measured at fair value as explained in the accounting policies. These condensed consolidated interim financial statements have been prepared using the accrual basis of accounting with the exception of cash flow information.

Functional and presentation currency

These condensed consolidated interim financial statements are presented in Canadian dollars, which is the functional currency of the Company and its subsidiaries. All financial information is expressed in Canadian dollars unless otherwise stated and has been rounded to the nearest dollar.

Basis of consolidation

These consolidated financial statements include the financial statements of the Company and the entities controlled by the Company. Control exists when the Company has the power, directly or indirectly, to govern the financial and operating policies of an entity so as to obtain benefits from its activities. The financial statements of subsidiaries are included in the consolidated financial statements from the date that control commences until the date that control ceases. All significant intercompany transactions and balances have been eliminated.

Northstar Clean Technologies Inc.

Notes to the Condensed Consolidated Interim Financial Statements

(Unaudited - Expressed in Canadian Dollars)

September 30, 2023

2. BASIS OF PREPARATION (Continued)

The consolidated financial statements include the accounts of the Company and its subsidiaries listed in the following table:

| | Place of Incorporation | Effective interest at September 30, 2023 | Effective interest at December 31, 2022 |
|---|------------------------|--|---|
| Empower Environmental Solutions Ltd. | BC, Canada | 100% | 100% |
| Empower Environmental Solutions Calgary Ltd. | Alberta, Canada | 100% | 100% |
| Empower Environmental Solutions Toronto West Ltd. | Ontario, Canada | 100% | 100% |
| 1284041 BC Ltd. | BC, Canada | 100% | 100% |

Significant Estimates & Judgements

Preferred Shares & Contract Liability

The determination of classification is an area of significant judgement given that there are multiple inputs into the determination of classification of preferred shares including the convertible nature, the obligation to pay dividends, the exclusivity period, licencing agreement, the ability of redemption, and other contractual matters. There is estimation uncertainty involved in the allocation of proceeds between the liability and equity components of the contracts.

3. RIGHT-OF-USE ASSET AND LEASE LIABILITY

Right-of-use assets

The Company's right-of-use assets are entirely comprised of premises for operating facilities. The following is the continuity of the cost and accumulated depreciation of right-of-use assets as at September 30, 2023 and December 31, 2022:

| | September 30, 2023 | December 31, 2022 |
|---------------------------------|---------------------|---------------------|
| Cost | | |
| Balance at beginning of period | \$ 2,260,140 | \$ 2,260,140 |
| Additions | 3,181,014 | - |
| Balance, end of period | \$ 5,441,154 | \$ 2,260,140 |
| Accumulated depreciation | | |
| Balance at beginning of period | \$ 919,379 | \$ 459,690 |
| Depreciation | 370,440 | 459,690 |
| Balance, end of period | \$ 1,289,819 | \$ 919,380 |
| Net book value | \$ 4,151,335 | \$ 1,340,760 |

Depreciation for the three-months ending September 30, 2023 is \$140,595 (September 30, 2022 \$114,922)

Northstar Clean Technologies Inc.

Notes to the Condensed Consolidated Interim Financial Statements

(Unaudited - Expressed in Canadian Dollars)

September 30, 2023

3. RIGHT-OF-USE ASSET AND LEASE LIABILITY (Continued)

Right-of-use assets (Continued)

The Company's Net investment assets ("NIS") are comprised of premises under lease and are sub-leased. The following is the continuity of the NIS asset as at September 30, 2023 and December 31, 2022:

| | September 30, 2023 | December 31, 2022 |
|---|-----------------------|----------------------|
| Net investment in sublease | | |
| Balance at beginning of period | \$ 131,943 | \$ 191,411 |
| Lease payments received | (56,950) | (75,933) |
| Finance income | 8,296 | 16,465 |
| Value of net investment in sublease, end of period | 83,289 | 131,943 |
| Current portion | (70,790) | (65,696) |
| Non-current portion | \$ 12,499 | \$ 66,247 |

Finance income for the three month period ended September 30, 2023 is \$2,360 (September 30, 2022 - \$3,936)

Lease liabilities

The following is the continuity of lease liabilities as at September 30, 2023 and December 31, 2022:

| | September 30, 2023 | December 31, 2022 |
|---------------------------------------|-----------------------|----------------------|
| Cost | | |
| Balance at beginning of period | \$ 1,659,461 | \$ 2,103,465 |
| Additions | 3,181,014 | - |
| Lease payments | (536,539) | (634,367) |
| Interest accretion on lease liability | 143,988 | 190,363 |
| Balance, end of period | \$ 4,447,924 | \$ 1,659,461 |
| Current portion | (641,810) | (516,811) |
| Non-current portion | \$ 3,806,114 | \$ 1,142,650 |

Variable lease payments for the three month period ending September 30, 2023 is \$46,847 (September 30, 2022 - \$44,751) and the variable lease payments for the nine month period ended September 30, 2023 is \$145,228 (September 30, 2022 - \$134,255).

Rent expense relating to short term rental for the three month period ended September 30, 2023 is \$2,250 (September 30, 2022 - \$14,450) and rent expense for the nine month period ended September 30, 2023 is \$19,950 (September 30, 2022 - \$44,700).

Interest accretion for the three month period ended September 30, 2023 is \$66,213 (September 30, 2022 - \$46,244)

In connection with the agreement for the lease, the Company made a deposit payment of \$85,000 of which \$37,800 was applied to the Basic Rent due in December 2015, and the balance of \$47,200 was held as a security deposit. The Company renegotiated a new lease on January 1, 2021 and the security deposit held with the addition of \$402,500 formed part of the new security deposit.

In connection with the lease agreement for Empower Calgary commencing on August 18, 2023, the Company made an initial deposit payment of \$50,000 to be held as a security deposit for the term of the lease. See Note 14 for details on the lease commitment.

Northstar Clean Technologies Inc.

Notes to the Condensed Consolidated Interim Financial Statements

(Unaudited - Expressed in Canadian Dollars)

September 30, 2023

3. RIGHT-OF-USE ASSET AND LEASE LIABILITY (Continued)

Lease liabilities (Continued)

In connection with the NIS lease, the Company's lease term is until November 30, 2024. The current monthly basic rent is payable monthly in advance at a rate of \$6,136 per month plus the proportion share of expense in respect of operating costs and property taxes. The Company entered into an assignment agreement whereby the assignee has accepted the terms of the Company's lease and is paying the lease payments directly to the Landlord. The landlord holds a security deposit of \$10,043.

4. PROPERTY, PLANT AND EQUIPMENT

| | Processing equipment | Storage Facility | Construction in progress | Furniture and Fixtures | Leasehold Improve- ments | Total |
|-------------------------------------|-------------------------|---------------------|-----------------------------|------------------------------|--------------------------------|--------------------|
| Cost | | | | | | |
| Balance – December 31, 2021 | \$ 28,210 | \$ 56,468 | \$ 3,159,573 | \$ 4,178 | \$ - | \$ 3,248,429 |
| Additions | 308,912 | - | 458,326 | 23,856 | 6,001 | 797,095 |
| Transfers | 3,130,765 | - | (3,130,765) | - | - | - |
| Recovery of costs | - | - | (100,000) | - | - | (100,000) |
| Balance – December 31, 2022 | \$3,467,887 | \$ 56,468 | \$ 387,134 | \$ 28,034 | \$ 6,001 | \$3,945,524 |
| Additions | 65,058 | - | 194,243 | 2,277 | - | 261,578 |
| Balance – September 30, 2023 | \$3,532,945 | \$ 56,468 | \$ 581,377 | \$ 30,311 | \$ 6,001 | \$4,207,102 |
| Accumulated Depreciation | | | | | | |
| Balance – December 31, 2021 | \$ 24,802 | \$ 15,514 | \$ - | \$ 2,709 | \$ - | \$ 43,025 |
| Additions | 604,209 | 8,191 | - | 3,309 | 250 | 615,959 |
| Balance – December 31, 2022 | \$ 629,011 | \$ 23,705 | \$ - | \$ 6,018 | \$ 250 | \$ 658,984 |
| Additions | 399,175 | 4,914 | - | 5,800 | 2,250 | 412,139 |
| Balance – September 30, 2023 | \$1,028,186 | \$ 28,619 | \$ - | \$ 11,818 | \$ 2,500 | \$1,071,123 |
| Net Book Value | | | | | | |
| Balance – December 31, 2022 | \$2,838,876 | \$ 32,763 | \$ 387,134 | \$ 22,016 | \$ 5,751 | \$3,286,540 |
| Balance – September 30, 2023 | \$2,504,759 | \$ 27,849 | \$ 581,377 | \$ 18,493 | \$ 3,501 | \$3,135,979 |

During the year ended December 31, 2022 the Company transferred \$3,130,765 from construction in progress equipment to processing equipment and as of February 1, 2022 the Company started recording depreciation on this equipment. The Company also received a \$100,000 government grant from Alberta Innovates relating directly to capitalized engineering costs.

Northstar Clean Technologies Inc.

Notes to the Condensed Consolidated Interim Financial Statements

(Unaudited - Expressed in Canadian Dollars)

September 30, 2023

5. LOANS PAYABLE

| | Equipment Loan |
|---|------------------|
| Loans payable: | |
| Balance – December 31, 2021 | \$ 239,015 |
| Accrued interest | 2,363 |
| Repayment of loan and interest | (92,363) |
| Interest accretion on low interest loan | 18,946 |
| Balance – December 31, 2022 | 167,961 |
| Less current portion | (121,250) |
| Long term portion | \$ 46,711 |
| | |
| Balance – December 31, 2022 | \$ 167,961 |
| Accrued interest | 1,050 |
| Repayment of loan and interest | (91,050) |
| Interest accretion on low interest loan | 8,793 |
| Balance – September 30, 2023 | 86,754 |
| Less current portion | (86,754) |
| Long term portion | \$ - |

Equipment loan:

The Company acquired \$270,000 of equipment from a company controlled by an officer of the Company during the year ended December 31, 2021. The loan carries an annual interest rate of 1% per annum, secured by the equipment and repayable in monthly instalments of \$5,000 plus interest for the first 6 months and \$10,000 per month plus interest until fully paid. Interest payments began in July 2022. The equipment loan was recognized as the present value using a 10% market rate of interest. The difference was recognized as a shareholder contribution in reserves on low interest loan. The amount outstanding as at September 30, 2023 was \$86,754 (December 31, 2022 - \$167,961).

6. CONVERTIBLE DEBENTURES

| | |
|-------------------------------------|---------------------|
| Balance – December 31, 2021 | \$ - |
| Additions | 924,179 |
| Accretion | 4,229 |
| Accrued interest | 6,000 |
| Balance – December 31, 2022 | 934,408 |
| Less Current portion | 6,000 |
| Long term portion | \$ 928,408 |
| | |
| Balance – December 31, 2022 | \$ 934,408 |
| Additions | 419,645 |
| Accretion | 119,684 |
| Accrued interest | 144,458 |
| Interest paid out | (103,250) |
| Balance – September 30, 2023 | 1,514,945 |
| Less current portion | 41,208 |
| Long term portion | \$ 1,473,737 |

First Tranche

On December 15, 2022, the Company issued \$1,440,000 in aggregate principal amount of Convertible Debentures. The Convertible Debentures are unsecured, mature on December 15, 2025 and bear cash interest semi-annually at a rate of 10% per annum, calculated in arrears.

Northstar Clean Technologies Inc.

Notes to the Condensed Consolidated Interim Financial Statements

(Unaudited - Expressed in Canadian Dollars)

September 30, 2023

6. CONVERTIBLE DEBENTURES (Continued)

Holders may convert all or a portion of all the Convertible Debentures together with any and all accrued but unpaid interest on conversion amount at any time at a conversion price per Unit of \$0.25 per Unit. Each Unit consists of one common share and one-half of one non-transferable warrant, with each Warrant entitling the holder to purchase one additional common share at a price of \$0.35 per Warrant Share until December 31, 2025.

Northstar will be entitled to force the conversion of the principal amount and any accrued and unpaid interest then outstanding at the respective conversion price and interest conversion price on not more than sixty (60) days' notice and not less than thirty (30) days' notice in the event that the daily volume weighted average trading price of the shares on the Exchange is greater than \$0.75 per share for ten (10) consecutive trading days of the shares on the TSXV preceding such notice.

The Company determines the carrying amount of the financial liability using present value of future cashflows with the principal amount of \$1,440,000 and a market rate of interest of 25%. The debt component is being amortized using an effective interest rate of 26.56% over its remaining term. The liability component is then increased by accretion of the discounted amounts to reach the nominal value of the convertible notes at maturity which is recorded in the statements of loss and comprehensive loss as accretion expense.

The carrying amount of the equity component is calculated by deducting the carrying amount of the financial liability from the amount of the principal, and is presented in Equity as an equity component of convertible notes in reserves.

The transaction costs are distributed between liability and equity components on a pro-rata basis according to their carrying amounts. Included in transaction costs are 157,200 broker warrants valued at \$15,406 which are exercisable to purchase on additional common share at \$0.35 per share until December 15, 2025.

On initial recognition, the financial liability was recognized at its present value of \$924,179, which represents the principal amount of \$1,440,000 less \$477,939 allocated to the equity component less transaction costs of \$37,882. During the three month period ended September 30, 2023, the Company incurred interest expense of \$36,000 (September 30, 2022 - \$Nil) and accretion expense of \$31,452 (September 30, 2022 - \$Nil) and for the nine month period ending September 30, 2023 it incurred interest expense of \$108,000 (September 30, 2022 - \$Nil) and accretion expense of \$90,629 (September 30, 2022 - \$Nil). The equity component has been recorded net of deferred tax impacts resulting in the equity component being recorded at \$335,157.

Management capitalized transaction costs which are directly attributable to the issuance of the Convertible Debentures. These transaction costs total \$56,702 and have been netted against the principal amount of the debt and the equity option on a pro-rata basis.

As of September 30, 2023, \$1,440,000 (December 31, 2022 - \$1,440,000) principal amount of the Convertible Debentures are outstanding and \$108,000 (December 31, 2022 - \$6,000) interest has been accrued and \$72,000 (December 31, 2022 - Nil) interest has been paid out.

Second Tranche

On February 28, 2023, the Company issued \$625,000 in aggregate principal amount of Convertible Debentures. The Convertible Debentures are unsecured, mature on February 28, 2026 and bear cash interest semi-annually at a rate of 10% per annum, calculated in arrears.

Holders may convert all or a portion of all the Convertible Debentures together with any and all accrued but unpaid interest on conversion amount at any time at a conversion price per Unit of \$0.25 per Unit. Each Unit consists of one common share and one-half of one non-transferable warrant, with each Warrant entitling the holder to purchase one additional common share at a price of \$0.35 per Warrant Share until February 28, 2026.

Northstar Clean Technologies Inc.

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6. CONVERTIBLE DEBENTURES (Continued)

Northstar will be entitled to force the conversion of the principal amount and any accrued and unpaid interest then outstanding at the respective conversion price and interest conversion price on not more than sixty (60) days' notice and not less than thirty (30) days' notice in the event that the daily volume weighted average trading price of the shares on the Exchange is greater than \$0.75 per share for ten (10) consecutive trading days of the shares on the TSXV preceding such notice.

The Company determines the carrying amount of the financial liability using present value of future cashflows with the principal amount of \$625,000 and a market rate of interest of 25%. The debt component is being amortized using an effective interest rate of 25.37% over its remaining term. The liability component is then increased by accretion of the discounted amounts to reach the nominal value of the convertible notes at maturity which is recorded in the statements of loss and comprehensive loss as accretion expense.

The carrying amount of the equity component is calculated by deducting the carrying amount of the financial liability from the amount of the principal, and is presented in Equity as an equity component of convertible notes in reserves.

The transaction costs are distributed between liability and equity components on a pro-rata basis according to their carrying amounts. Included in transaction costs are 24,000 broker warrants valued at \$3,216 which are exercisable to purchase on additional common share at \$0.35 per share until February 28, 2026.

On initial recognition, the financial liability was recognized at its present value of \$419,645, which represents the principal amount of \$625,000 less \$199,005 allocated to the equity component less transaction costs of \$6,350. For the three month period ended September 30, 2023 the Company incurred interest expense of \$15,625 (September 30, 2022 - \$Nil) and accretion expense of \$13,265 (September 30, 2022 - \$Nil) and for the nine months ended September 30, 2023 it incurred interest expense of \$36,458 (September 30, 2022 - \$Nil) and accretion expense of \$29,055 (September 30, 2022 - \$Nil). The equity component has been recorded net of deferred tax impacts resulting in the equity component being recorded at \$142,654.

Management capitalized transaction costs which are directly attributable to the issuance of the Convertible Debentures. These transaction costs total \$9,316 and have been netted against the principal amount of the debt and the equity option on a pro-rata basis.

As of September 30, 2023, \$625,000 (December 31, 2022 - \$Nil) principal amount of the Convertible Debentures are outstanding and \$36,458 (December 31, 2022 - \$Nil) interest has been accrued and \$31,250 (December 31, 2022 - \$Nil) interest has been paid out.

7. RELATED PARTY TRANSACTIONS AND BALANCES

- (a) As at September 30, 2023, accounts payable and accrued liabilities include \$714,571 (December 31, 2022 - \$754,656) owing to companies with certain directors in common and companies controlled by certain directors and officers. The amounts are unsecured, non-interest bearing and due on demand.
- (b) Key management personnel include those persons having authority and responsibility for planning, directing and controlling the activities of the Company as a whole. During the periods presented the Company paid or accrued the following key management personnel compensation to directors, officers, and/or companies controlled by directors and officers and/or companies with certain directors in common:

Northstar Clean Technologies Inc.

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September 30, 2023

7. RELATED PARTY TRANSACTIONS AND BALANCES (Continued)

| | Three months ended September 30, 2023 | Three months ended September 30, 2022 | Nine months ended September 30, 2023 | Nine months ended September 30, 2022 |
|--------------------------------------|--|--|---|---|
| Advertising, marketing and promotion | \$ 15,000 | \$ - | \$ 48,750 | \$ 53,800 |
| Consulting fees | - | 18,000 | - | 54,000 |
| Professional fees | - | - | - | 80,000 |
| Wages and benefits | 262,328 | 203,750 | 986,602 | 591,635 |
| Share-based payment | 157,546 | 81,755 | 288,154 | 353,191 |
| | \$ 434,874 | \$ 303,505 | \$ 1,323,506 | \$ 1,132,626 |

(c) On February 28, 2023 \$50,000 (December 15, 2022, \$360,000) was received in convertible debenture proceeds by officers or directors of the company.

(d) As at September 30, 2023, prepaids include \$NIL (December 31, 2022 - \$45,000) to a company controlled by a director.

8. CAPITAL STOCK

Authorized Share Capital:

Unlimited number of common shares without par value

Issuance of shares

During the period ended September 30, 2023, the Company completed the following share transactions:

- a non-brokered private placement of 18,195,367 units for aggregate gross proceeds of \$2,729,305. Each unit consisted of one common share of the Company and one common share purchase warrant of the Company with each warrant entitling the holder thereof to acquire one additional common share at an exercise price of \$0.20 per warrant for a period of 36 months following the closing date of the private placement. As part of the transaction, 511,819 broker warrants were issued at a price of \$0.20 with an expiry of three years and a value of \$56,305, and finders fees of \$76,773 were paid. The residual value was used to value the common shares and warrants.
- Issued 514,111 common shares for equity settled PSUs and RSUs that vested on June 23, 2023.
- A non-brokered private placement of 29,244,746 preferred shares for gross proceeds of \$8,480,979.

During the year ended December 31, 2022, the Company completed the following share transactions:

- Issued a total of 1,875,000 common shares for proceeds of \$750,000. For the nine-months ended September 30, 2022, the Company received proceeds for subscriptions receipts related to this transaction in the amount of \$500,000

9. PREFERRED SHARES

On July 31, 2023, Northstar received a signed subscription agreement from Allmine Paving, LLC, an affiliate of TAMKO Building Products LLC, for 29,244,756 Preferred Shares of Northstar at \$0.29 per share for total proceeds of \$8,480,979, which represents 18.75% ownership of Northstar once the transaction is complete. Preferred Shares are convertible to Common Shares at a ratio of 1:1.

Northstar Clean Technologies Inc.

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9. PREFERRED SHARES (Continued)

As part of the transaction, Northstar also signed a Memorandum of Understanding (“MOU”) with TAMKO Building Products LLC, relating to the proposed construction and operation of the first three shingle reprocessing facilities built by Northstar in the U.S. The agreement includes providing a supply agreement from the TAMKO facilities to the Empower facilities for asphalt shingles, a take or pay offtake agreement for the sale of asphalt oil and aggregate from the Empower facilities to the TAMKO facilities, a licensing agreement, and the obligation to purchase two sets of Northstar convertible debentures of \$2,376,000 each after the acceptance of certain milestones in the Emissions Reduction Alberta Contribution Agreement.

As part of the MOU, TAMKO agreed to an exclusivity period that shall begin on the date the MOU was signed and shall end on the date that is three years following the acceptance by Emissions Reduction Alberta (“ERA”) of certain milestones with ERA. This exclusivity period may be extended based on criteria set out in the MOU.

At the option of the Company, for a period of 60 days commencing after the expiration of the exclusivity period, the Series A Preferred Shares may be redeemed for an amount equal to the applicable original issue price, plus dividends declared but unpaid thereon. The Company will provide a redemption notice defining the redemption date(s), the number of shares to be redeemed and all other terms of the redemption. On each redemption date, the Company shall redeem in cash, on a pro rata basis in accordance with the number of Series A Preferred Shares owned by each holder, that number of outstanding Series A Preferred Shares determined by dividing (i) the total number of Series A Preferred Shares outstanding immediately before such redemption date by (ii) the number of remaining redemption dates (including the redemption date to which such calculation applies).

The proceeds received for the preferred shares, exclusivity right, licensing agreement and other contractual matters are allocated to their components by fair valuing the liability and allocating the remaining proceeds to the preferred share equity component. The liability item was fair valued at the differential between the traded common share price on the date of issuance and the price paid and amounts to \$2,778,252 and is classified as a contract liability. The residual amount of \$5,702,727 is classified as equity..

Management capitalized transaction costs which are directly attributable to the issuance of the Preferred Shares. These transaction costs total \$71,456 and have been netted against the Preferred Shares which have been classified as an equity item.

10. RESERVES

Stock options

The Company grants stock options to acquire common shares to directors, officers, employees and consultants enabling them to acquire up to 10% of the issued and outstanding common stock of the Company. Under the plan, the exercise price of each option is as determined by the Board at the time of grant. Options vest as determined by the Board of Directors. The options can be granted for a maximum term of 10 years.

Stock option transactions are summarized as follows:

| | Number of Options | Weighted Average Exercise Price |
|---|----------------------|---------------------------------------|
| Outstanding , December 31, 2021 | 6,675,000 | \$ 0.35 |
| Issued | 580,854 | \$ 0.35 |
| Outstanding , December 31, 2022 | 7,255,854 | \$ 0.35 |
| Issued | 1,456,472 | \$ 0.21 |
| Cancelled | (1,300,000) | \$ 0.35 |
| Outstanding , September 30, 2023 | 7,412,326 | \$ 0.33 |

Share-based compensation recognized for options vested during the three month period ended September 30, 2023 was \$114,451 (September 30, 2022 - \$2,440) and for the nine month period ended September 30, 2023 was \$203,130 (September 30, 2022 - \$142,178).

Northstar Clean Technologies Inc.

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10. RESERVES (Continued)

Stock options (Continues)

Outstanding and exercisable stock options as at September 30, 2023:

| Expiry Date | Number of Options | | |
|--------------------------|-------------------|------------------|------------------|
| | Exercise Price | Outstanding | Exercisable |
| December 15, 2024 | \$ 0.35 | 475,000 | 356,250 |
| February 16, 2026 | \$ 0.35 | 2,500,000 | 2,500,000 |
| June 12, 2026 | \$ 0.35 | 300,000 | 300,000 |
| July 12, 2026 | \$ 0.35 | 2,100,000 | 2,100,000 |
| December 15, 2026 | \$ 0.35 | 400,000 | 300,000 |
| February 7, 2027 | \$ 0.35 | 200,000 | 150,000 |
| April 19, 2027 | \$ 0.35 | 260,854 | 86,951 |
| August 30, 2027 | \$ 0.35 | 20,000 | 20,000 |
| March 2, 2028 | \$ 0.21 | 11,000 | 2,750 |
| August 10, 2028 | \$ 0.21 | 1,145,472 | 750,000 |
| Total Outstanding | | 7,412,326 | 6,565,951 |

The estimated remaining life of the stock options at September 30, 2023 is 2.95 years.

Outstanding and exercisable stock options as at December 31, 2022:

| Expiry Date | Number of Options | | |
|--------------------------|-------------------|------------------|------------------|
| | Exercise Price | Outstanding | Exercisable |
| May 31, 2023 | \$ 0.35 | 850,000 | 850,000 |
| December 15, 2024 | \$ 0.35 | 625,000 | 312,500 |
| February 16, 2026 | \$ 0.35 | 2,800,000 | 2,800,000 |
| July 12, 2026 | \$ 0.35 | 2,100,000 | 2,100,000 |
| December 15, 2026 | \$ 0.35 | 400,000 | 200,000 |
| February 7, 2027 | \$ 0.35 | 200,000 | 50,000 |
| April 19, 2027 | \$ 0.35 | 260,854 | - |
| August 30, 2027 | \$ 0.35 | 20,000 | - |
| Total Outstanding | | 7,255,854 | 6,312,500 |

The estimated remaining life of the stock options at December 31, 2022 is 2.95 years.

The fair value of stock options were calculated using the Black-Scholes option pricing model with the following weighted average assumptions:

| | September 30, 2023 | December 31, 2022 |
|--|-----------------------|----------------------|
| Expected volatility | 123.84% | 128% |
| Risk-free interest rate | 3.95% | 2.21% |
| Expected life | 4.59 years | 4.34 years |
| Dividend yield | - | - |
| Forfeiture rate | - | - |
| Range of exercise prices | \$0.21-\$0.35 | \$0.35 |
| Range of share prices on date of issue | \$0.15 - \$0.21 | \$0.155 – \$0.36 |
| Estimated fair value per option | \$0.139 | \$0.24 |

The expected volatility was estimated using the average historical volatility of comparable companies.

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10. RESERVES (Continued)

Warrants

Warrant transactions are summarized as follows:

| | Number of Warrants | Weighted Average Exercise Price |
|--|-----------------------|---------------------------------------|
| Outstanding, December 31, 2021 | 25,184,738 | \$ 0.46 |
| Issued | 157,200 | \$ 0.35 |
| Outstanding, December 31, 2022 | 25,341,938 | \$ 0.46 |
| Issued | 18,731,186 | \$ 0.20 |
| Expired | (19,487,149) | \$ 0.50 |
| Outstanding, September 30, 2023 | 24,585,975 | \$ 0.225 |

The weighted average share price on date of exercise was \$0.225 and the estimated remaining life was 2.61 years

Outstanding warrants:

| | Expiry Date | Exercise Price | September 30, 2023 | December 31, 2022 |
|------------------------------------|------------------------------|-------------------|-----------------------|----------------------|
| | July 13, 2026 ⁽¹⁾ | \$ 0.279 | 4,596,268 | 4,596,268 |
| Finders warrants | July 13, 2026 ⁽¹⁾ | \$ 0.279 | 406,249 | 406,249 |
| | July 13, 2026 ⁽¹⁾ | \$ 0.465 | 490,615 | 490,615 |
| Finders warrants | July 13, 2026 ⁽¹⁾ | \$ 0.465 | 204,457 | 204,457 |
| | June 22, 2023 | \$ 0.500 | - | 17,472,584 |
| Broker warrants | June 22, 2023 | \$ 0.500 | - | 2,014,565 |
| | December 15, 2025 | \$ 0.350 | 157,200 | 157,200 |
| | February 28, 2026 | \$ 0.350 | 24,000 | - |
| Broker Warrants | April 19, 2026 | \$ 0.200 | 511,819 | - |
| | April 19, 2026 | \$ 0.200 | 18,195,367 | - |
| Outstanding and exercisable | | | 24,585,975 | 25,341,938 |

⁽¹⁾The warrants outstanding on acquisition were converted at a ratio of 1 old for 1.0747 new warrants on December 23, 2020 and the price was adjusted by the same ratio. All warrants were reissued on July 13, 2021, for a period of 5 years when the Company became publicly listed and trading, with a new expiry date of July 13, 2026. These warrants are non-transferable.

The fair value of warrants issued that were not subject to the residual value method was calculated using the Black-Scholes option pricing model with the following weighted average assumptions:

| | September 30, 2023 | December 31, 2022 |
|----------------------------------|-----------------------|----------------------|
| Expected volatility | 127 - 128% | 125% |
| Risk-free interest rate | 3.75 - 3.94% | 0.42% |
| Expected life | 3 years | 2 years |
| Dividend yield | - | - |
| Estimated fair value per warrant | \$0.11-\$0.13 | \$0.19 |

Northstar Clean Technologies Inc.

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10. RESERVES (Continued)

Restricted Stock Units and Performance Stock Units

The Company grants restricted stock units and performance stock units to employees as share-based payments enabling them to acquire up to 10,000,000 (June 30 - 6,500,000) of the issued and outstanding common stock of the Company. Under the plan, the quantity of each restricted stock unit is as determined by the Board at the time of grant. The maximum quantity of each performance stock unit is determined by the Board at the time of grant but the quantity is then adjusted at the first vesting date by the performance factor achieved during the performance period. The restricted stock units and performance stock units vest over 3 years. The fair value is determined using the stock price at the date of grant.

All Restricted Stock Units and Performance Stock Units were granted in the prior period.

Issued Restricted Stock Units and Performance Stock Units outstanding at September 30, 2023:

| | Vesting Date | Issued | Cash Settled | Stock settled |
|---|-------------------------------|-------------------|------------------|------------------|
| 2022 Restricted Stock Units | June 23, 2023 | 11,785 | 11,785 | - |
| 2022 Restricted Stock Units | March 31, 2024 | 130,424 | 11,785 | 118,639 |
| 2022 Restricted Stock Units | March 31, 2025 ⁽¹⁾ | 130,424 | 11,785 | 118,639 |
| 2023 Restricted Stock Units | September 7, 2024 | 296,605 | 29,464 | 267,141 |
| 2023 Restricted Stock Units | March 31, 2025 | 296,606 | 29,464 | 267,142 |
| 2022 Actual Performance Stock | June 23, 2023 | 256,663 | 256,663 | - |
| 2022 Actual Performance Stock | March 31, 2024 | 652,142 | 256,666 | 395,476 |
| 2022 Actual Performance Stock Units | March 31, 2025 | 652,142 | 256,666 | 395,476 |
| 2023 Maximum Performance Stock | September 7, 2024 | 4,449,103 | 2,445,533 | 2,003,570 |
| 2023 Maximum Performance Stock | March 31, 2025 | 4,449,104 | 2,445,533 | 2,003,570 |
| Total Restricted Stock Units and Performance Stock Units | | 11,324,998 | 5,755,344 | 5,569,653 |

6,375,003 of the Performance Stock Units were issued under the Company's Equity Incentive Plan and 4,949,995 were issued outside of the plan.

Issued Restricted Stock Units and Performance Stock Units outstanding at December 31, 2022:

| | Vesting Date | Issued | Cash Settled | Stock settled |
|---|------------------------------|------------------|------------------|------------------|
| 2022 Restricted Stock Units | June 23, 2023 ⁽¹⁾ | 130,424 | 11,785 | 118,639 |
| 2022 Restricted Stock Units | March 31, 2024 | 130,424 | 11,785 | 118,639 |
| 2022 Restricted Stock Units | March 31, 2025 | 130,424 | 11,785 | 118,639 |
| 2022 Actual Performance Stock Units | June 23, 2023 | 1,956,421 | 769,996 | 1,186,425 |
| 2022 Actual Performance Stock Units | March 31, 2024 | 1,956,421 | 769,996 | 1,186,425 |
| 2022 Actual Performance Stock Units | March 31, 2025 | 1,956,421 | 769,996 | 1,186,425 |
| Total Restricted Stock Units and Performance Stock Units | | 6,260,535 | 2,345,343 | 3,915,192 |

The fair value of the Restricted Stock Units was calculated using the stock price at the date of granting and then amortized over the vesting schedule. The cash-settled Restricted Stock Units were re-valued at each reporting date and classified as liabilities.

Northstar Clean Technologies Inc.

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10. RESERVES (Continued)

Restricted Stock Units and Performance Stock Units (Continued)

The fair value of the 2022 Performance Stock Units was calculated using the stock price at the date of granting multiplied by the anticipated achievable performance factor and then amortized over the vesting schedule. During the period ended September 30, 2023 the performance factor for the 2022 Performance Stock Units was approved at 100%, which applies to all three years of vesting and, as such, the Performance Stock Units have been adjusted in the current period to reflect the actual number of units that will vest. The cash-settled Performance Stock Units were re-valued at each reporting date and classified as liabilities.

The fair value of the 2023 Performance Stock Units was calculated using the stock price at the date of granting multiplied by the anticipated achievable performance factor and then amortized over the vesting schedule. The performance factor is determined by the Company's achievement of pre-determined company goals which were approved by the Board of Directors at the beginning of the performance year. During the period ended September 30, 2023 the performance factor for the 2023 Performance Stock Units was estimated at 100% (of a possible 300%), which applies to the two years of vesting. The cash-settled Performance Stock Units were re-valued at the September 30, 2023 reporting date and classified as liabilities.

Share-based compensation recognized for RSUs and PSUs vested during the three month period ending September 30, 2023 was \$54,402 (September 30, 2022 - \$27,944) and for the nine month period ending September 30, 2023 was \$177,175 (September 30, 2022 - \$85,851) of which \$54,050 (September 30, 2022 - \$30,070) is recorded as equity-based compensation payable.

During the period ending September 30, 2023 the company issued 395,472 common shares to employees as payment for the equity based Performance Stock Units and 118,639 common shares as payment to employees for the equity based Restricted Stock Units both of which vested on June 23, 2023 and were issued at a total value of \$92,540.

The 11,785 cash-settled Restricted Stock Units and 256,663 Performance Stock Units that vested on June 30, 2023 have not yet been paid out.

11. SUPPLEMENTAL DISCLOSURES WITH RESPECT TO CASH FLOWS

Significant non-cash transactions during the period ended September 30, 2023:

- No significant transactions.

Significant non-cash transactions during the year ended December 31, 2022:

- Property, plant and equipment included in accounts payable and accrued liabilities - \$49,561.
- There was a loss on tax receivable of \$130,522 relating to GST refunds that will likely not be received.
- Issued 157,200 Broker Warrants as finders fees on Convertible Debt issuance valued at \$15,406.

12. FAIR VALUE OF FINANCIAL INSTRUMENTS AND RISK MANAGEMENT

a) Capital Management

The Company manages its capital to ensure that it will be able to continue as going-concern while maximizing the return to shareholders through the optimization of debt and equity balances.

The capital of the Company consists of items included in Shareholders' Equity of \$6,756,306

The Company manages its capital structure and makes adjustments in light of changes in economic conditions. To maintain or adjust the capital structure, the Company may issue equity or return capital to shareholders. There were no changes to the Company's approach to capital management during the period

Northstar Clean Technologies Inc.

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12. FAIR VALUE OF FINANCIAL INSTRUMENTS AND RISK MANAGEMENT (Continued)

a) Capital Management (Continued)

ended September 30, 2023. The Company is not subject to externally imposed capital requirements.

b) Financial Risk Management Objectives

The Company examines the various financial instrument risks to which it is exposed and assesses the impact and likelihood of those risks. These risks may include credit risk, liquidity risk, currency risk and interest rate risk. Where material, these risks are reviewed and monitored.

i) Credit Risk

Credit risk is the risk that a counterparty to a financial instrument will fail to discharge an obligation or commitment that it has entered into with the Company. The carrying amounts of financial assets best represent the maximum credit risk exposure at the reporting date.

Cash is held with reputable banks in Canada. The long-term credit rating of these banks, as determined by Standard and Poor's, was A+.

ii) Liquidity Risk

Liquidity risk is the risk that the Company will not meet its financial obligations as they become due.

Accounts payables and accrued liabilities are paid in the normal course of business generally according to their terms. In the normal course of business, the Company enters into contracts that give rise to commitments for future minimum payments. As at September 30, 2023, the Company had \$8,545,043 cash to settle current liabilities of \$2,176,968 and as such, management believes the Company's exposure to liquidity risk is significant.

iii) Interest Rate Risk

Interest rate risk is the risk that the fair value or future cash flows of financial instruments will fluctuate because of changes in market interest rates. The Company is not subject to interest rate risk.

iv) Foreign Currency Risk

The Company is exposed to foreign currency risk to the extent that monetary financial instruments are denominated in United States dollars. The Company has not entered any foreign currency contracts to mitigate this risk. The Company's sensitivity analysis suggests that a 10% change in the rate of exchange between the Canadian and United States dollar would have an insignificant impact on its results of operations as it held nominal financial assets and liabilities denominated in United States dollars.

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12. FAIR VALUE OF FINANCIAL INSTRUMENTS AND RISK MANAGEMENT (Continued)

c) Fair Value Measurement Recognized in the Condensed Consolidated Interim Statement of Financial Position

The following table summarizes the carrying values of the Company's financial instruments.

| | September 30, 2023 | December 31, 2022 |
|--|-----------------------|----------------------|
| Financial assets at fair value through profit or loss (i) | \$ 8,545,043 | \$ 1,114,166 |
| Financial assets at amortized cost (ii) | \$ 29,003 | \$ - |
| Financial liabilities at amortized cost (iii) | \$ 3,031,310 | \$ 2,385,089 |
| (i) Cash | | |
| (ii) Trade receivables | | |
| (iii) Accounts payable and accrued liabilities and equity-based compensation payable, and loans payable, and convertible debentures. | | |

The Company categorizes its financial assets and liabilities measured at the fair value into one of three different levels depending on the observability of the inputs used in the measurement.

The three levels are defined as follows:

- Level 1 – inputs to the valuation methodology are quoted prices (unadjusted) for identical assets or liabilities in active markets.
- Level 2 – inputs to valuation methodology include quoted prices for similar assets and liabilities in active markets, and inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the financial instrument.
- Level 3 – inputs to the valuation methodology are unobservable and significant to the fair value measurement.

Cash is measured at fair value using Level 1 inputs.

The fair values of other financial liabilities approximate their carrying value, due to their short-term nature or market rate of interest with the exception of the related party equipment loan which bears interest at 1% but was recognized at present value using a 10% market rate of interest with the difference recognized as a shareholder contribution in reserves.

13. SEGMENTED INFORMATION

The Company currently operates in one business segment in Canada, being the repurposing and reprocessing of asphalt shingles and the extraction and recovery of asphalt cement, fiberglass/felt and mineral aggregates to be sold and used in asphalt pavement, shingle manufacturing, construction products, and other industrial applications.

14. COMMITMENTS

Lease Commitments

Calgary

Northstar's wholly owned subsidiary, Empower Environmental Solutions Calgary Ltd., negotiated a new lease for the planned scale up facility in Rocky View County, near Calgary, Alberta effective August 18, 2023 for an initial term of 15-years with an option to extend for two additional 5 year terms.

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The basic annual rents are as follows:

- from August 18, 2023 to August 17, 2028 - \$346,516 per annum
- from August 18, 2028 to August 17, 2033 - \$381,168 per annum, and
- from August 18, 2033 to August 17, 2038 - \$419,284 per annum

Delta

Northstar's wholly owned subsidiary, Empower Environmental Solutions Ltd., has a 5-year lease for the pilot facility in Delta, BC., which expires December 2025, but has a 5 year renewal option. The basic annual rents remaining are as follows:

- from January 1, 2023 to December 31, 2024 - \$583,563 per annum
- from January 1, 2025 to December 31, 2025 - \$609,838 per annum

Loans Payable

Principal payments due within 1 year \$90,000

Contract Commitments

The Company has entered into contracts with the following vendors relating to the purchase of equipment for the new Calgary facility:

| | |
|---------------------------------|-----------------|
| HAZEMAG CANADA INC. | \$1,027,600 USD |
| LCI Corporation | \$ 994,515 USD |
| Stellar Power & Control Systems | \$ 609,151 CAD |

15. SUBSEQUENT EVENTS

On October 4, 2023 the Company issued 25,000 stock options to an employee of the company

On November 21, the Company announced a private placement offering of unsecured convertible debenture units of the Company at a price of \$5,000 per Convertible Debenture Unit for aggregate proceeds of up to \$3,500,000 on both a brokered and non-brokered basis.